

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.015.022.0064.A	1,5	0,22	6,4	0,0617	11,5	0,363	music wire	4C
T.015.022.0064.I	1,5	0,22	6,4	0,0530	11,3	0,302	stainless steel	4C
T.015.022.0079.A	1,5	0,22	7,9	0,0450	14,9	0,363	music wire	4C
T.015.022.0079.I	1,5	0,22	7,9	0,0387	14,7	0,302	stainless steel	4C
T.015.022.0120.A	1,5	0,22	12,0	0,0259	24,0	0,359	music wire	4C
T.015.022.0120.I	1,5	0,22	12,0	0,0223	23,2	0,290	stainless steel	4C
T.015.022.0159.A	1,5	0,22	15,9	0,0185	32,9	0,363	music wire	4C
T.015.022.0159.I	1,5	0,22	15,9	0,0159	32,4	0,302	stainless steel	4C
T.015.022.0190.A	1,5	0,22	19,0	0,0150	39,7	0,359	music wire	4C
T.015.022.0190.I	1,5	0,22	19,0	0,0129	38,4	0,290	stainless steel	4C
T.015.022.0220.A	1,5	0,22	22,0	0,0127	46,7	0,363	music wire	4C
T.015.022.0220.I	1,5	0,22	22,0	0,0109	46,0	0,302	stainless steel	4C
T.016.018.0063.I	1,6	0,18	6,3	0,0159	15,4	0,162	stainless steel	4C
T.016.018.0064.I	1,6	0,18	6,4	0,0154	15,8	0,162	stainless steel	4C
T.016.018.0079.I	1,6	0,18	7,9	0,0110	21,0	0,162	stainless steel	4C
T.016.018.0080.I	1,6	0,18	8,0	0,0108	21,4	0,162	stainless steel	4C
T.016.018.0095.I	1,6	0,18	9,5	0,0084	26,6	0,162	stainless steel	4C
T.016.018.0097.I	1,6	0,18	9,7	0,0082	27,3	0,162	stainless steel	4C
T.016.018.0100.I	1,6	0,18	10,0	0,0079	28,4	0,162	stainless steel	4C
T.016.018.0111.I	1,6	0,18	11,1	0,0068	32,2	0,162	stainless steel	4C
T.016.018.0112.I	1,6	0,18	11,2	0,0068	32,6	0,162	stainless steel	4C
T.016.018.0125.I	1,6	0,18	12,5	0,0059	37,1	0,162	stainless steel	4C
T.016.018.0127.I	1,6	0,18	12,7	0,0058	37,8	0,162	stainless steel	4C
T.016.018.0160.I	1,6	0,18	16,0	0,0043	49,4	0,162	stainless steel	4C
T.016.018.0200.I	1,6	0,18	20,0	0,0033	63,4	0,162	stainless steel	4C
T.016.020.0063.A	1,6	0,20	6,3	0,0321	13,5	0,262	music wire	4C
T.016.020.0063.I	1,6	0,20	6,3	0,0276	13,3	0,218	stainless steel	4C
T.016.020.0064.A	1,6	0,20	6,4	0,0313	13,8	0,262	music wire	4C
T.016.020.0064.I	1,6	0,20	6,4	0,0269	13,6	0,218	stainless steel	4C
T.016.020.0079.A	1,6	0,20	7,9	0,0224	18,2	0,262	music wire	4C
T.016.020.0079.I	1,6	0,20	7,9	0,0193	17,9	0,218	stainless steel	4C
T.016.020.0080.A	1,6	0,20	8,0	0,0220	18,5	0,262	music wire	4C
T.016.020.0080.I	1,6	0,20	8,0	0,0189	18,2	0,218	stainless steel	4C
T.016.020.0086.A	1,6	0,20	8,6	0,0198	20,2	0,259	music wire	4C
T.016.020.0086.I	1,6	0,20	8,6	0,0170	19,4	0,209	stainless steel	4C
T.016.020.0095.A	1,6	0,20	9,5	0,0172	22,9	0,262	music wire	4C
T.016.020.0095.I	1,6	0,20	9,5	0,0148	22,5	0,218	stainless steel	4C
T.016.020.0097.A	1,6	0,20	9,7	0,0167	23,5	0,262	music wire	4C
T.016.020.0097.I	1,6	0,20	9,7	0,0144	23,1	0,218	stainless steel	4C
T.016.020.0100.A	1,6	0,20	10,0	0,0161	24,4	0,262	music wire	4C
T.016.020.0100.I	1,6	0,20	10,0	0,0138	24,0	0,218	stainless steel	4C
T.016.020.0111.A	1,6	0,20	11,1	0,0140	27,7	0,262	music wire	4C
T.016.020.0111.I	1,6	0,20	11,1	0,0120	27,1	0,218	stainless steel	4C
T.016.020.0112.A	1,6	0,20	11,2	0,0138	28,0	0,262	music wire	4C
T.016.020.0112.I	1,6	0,20	11,2	0,0119	27,4	0,218	stainless steel	4C
T.016.020.0125.A	1,6	0,20	12,5	0,0120	31,8	0,262	music wire	4C
T.016.020.0125.I	1,6	0,20	12,5	0,0103	31,2	0,218	stainless steel	4C
T.016.020.0127.A	1,6	0,20	12,7	0,0118	32,4	0,262	music wire	4C
T.016.020.0127.I	1,6	0,20	12,7	0,0101	31,7	0,218	stainless steel	4C
T.016.020.0157.A	1,6	0,20	15,7	0,0091	41,2	0,262	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.016.020.0157.I	1,6	0,20	15,7	0,0078	40,4	0,218	stainless steel	4C
T.016.020.0159.A	1,6	0,20	15,9	0,0089	41,8	0,262	music wire	4C
T.016.020.0159.I	1,6	0,20	15,9	0,0077	41,0	0,218	stainless steel	4C
T.016.020.0160.A	1,6	0,20	16,0	0,0089	42,1	0,262	music wire	4C
T.016.020.0160.I	1,6	0,20	16,0	0,0076	41,3	0,218	stainless steel	4C
T.016.020.0190.A	1,6	0,20	19,0	0,0072	50,9	0,262	music wire	4C
T.016.020.0190.I	1,6	0,20	19,0	0,0062	49,9	0,218	stainless steel	4C
T.016.020.0191.A	1,6	0,20	19,1	0,0072	51,2	0,262	music wire	4C
T.016.020.0191.I	1,6	0,20	19,1	0,0062	50,2	0,218	stainless steel	4C
T.016.020.0200.A	1,6	0,20	20,0	0,0068	53,9	0,262	music wire	4C
T.016.020.0200.I	1,6	0,20	20,0	0,0059	52,8	0,218	stainless steel	4C
T.016.020.0220.A	1,6	0,20	22,0	0,0061	59,8	0,262	music wire	4C
T.016.020.0220.I	1,6	0,20	22,0	0,0053	58,6	0,218	stainless steel	4C
T.016.020.0250.A	1,6	0,20	25,0	0,0053	68,6	0,262	music wire	4C
T.016.020.0250.I	1,6	0,20	25,0	0,0046	67,2	0,218	stainless steel	4C
T.016.022.0063.A	1,6	0,22	6,3	0,0531	11,9	0,342	music wire	4C
T.016.022.0063.I	1,6	0,22	6,3	0,0456	11,8	0,285	stainless steel	4C
T.016.022.0064.A	1,6	0,22	6,4	0,0518	12,2	0,342	music wire	4C
T.016.022.0064.I	1,6	0,22	6,4	0,0445	12,0	0,285	stainless steel	4C
T.016.022.0079.A	1,6	0,22	7,9	0,0373	15,9	0,342	music wire	4C
T.016.022.0079.I	1,6	0,22	7,9	0,0320	15,7	0,285	stainless steel	4C
T.016.022.0080.A	1,6	0,22	8,0	0,0366	16,2	0,342	music wire	4C
T.016.022.0080.I	1,6	0,22	8,0	0,0314	15,9	0,285	stainless steel	4C
T.016.022.0095.A	1,6	0,22	9,5	0,0287	19,9	0,342	music wire	4C
T.016.022.0095.I	1,6	0,22	9,5	0,0247	19,6	0,285	stainless steel	4C
T.016.022.0097.A	1,6	0,22	9,7	0,0279	20,4	0,342	music wire	4C
T.016.022.0097.I	1,6	0,22	9,7	0,0240	20,1	0,285	stainless steel	4C
T.016.022.0100.A	1,6	0,22	10,0	0,0268	21,2	0,342	music wire	4C
T.016.022.0100.I	1,6	0,22	10,0	0,0230	20,8	0,285	stainless steel	4C
T.016.022.0111.A	1,6	0,22	11,1	0,0233	23,9	0,342	music wire	4C
T.016.022.0111.I	1,6	0,22	11,1	0,0200	23,5	0,285	stainless steel	4C
T.016.022.0112.A	1,6	0,22	11,2	0,0231	24,2	0,342	music wire	4C
T.016.022.0112.I	1,6	0,22	11,2	0,0198	23,8	0,285	stainless steel	4C
T.016.022.0125.A	1,6	0,22	12,5	0,0200	27,4	0,342	music wire	4C
T.016.022.0125.I	1,6	0,22	12,5	0,0172	27,0	0,285	stainless steel	4C
T.016.022.0127.A	1,6	0,22	12,7	0,0197	27,9	0,342	music wire	4C
T.016.022.0127.I	1,6	0,22	12,7	0,0169	27,4	0,285	stainless steel	4C
T.016.022.0151.A	1,6	0,22	15,1	0,0159	33,7	0,338	music wire	4C
T.016.022.0151.I	1,6	0,22	15,1	0,0137	32,5	0,274	stainless steel	4C
T.016.022.0157.A	1,6	0,22	15,7	0,0152	35,4	0,342	music wire	4C
T.016.022.0157.I	1,6	0,22	15,7	0,0130	34,8	0,285	stainless steel	4C
T.016.022.0159.A	1,6	0,22	15,9	0,0150	35,9	0,342	music wire	4C
T.016.022.0159.I	1,6	0,22	15,9	0,0128	35,3	0,285	stainless steel	4C
T.016.022.0160.A	1,6	0,22	16,0	0,0148	36,1	0,342	music wire	4C
T.016.022.0160.I	1,6	0,22	16,0	0,0127	35,5	0,285	stainless steel	4C
T.016.022.0190.A	1,6	0,22	19,0	0,0121	43,6	0,342	music wire	4C
T.016.022.0190.I	1,6	0,22	19,0	0,0104	42,9	0,285	stainless steel	4C
T.016.022.0191.A	1,6	0,22	19,1	0,0121	43,9	0,342	music wire	4C
T.016.022.0191.I	1,6	0,22	19,1	0,0104	43,1	0,285	stainless steel	4C
T.016.022.0200.A	1,6	0,22	20,0	0,0114	46,1	0,342	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.016.022.0200.I	1,6	0,22	20,0	0,0098	45,3	0,285	stainless steel	4C
T.016.028.0064.A	1,6	0,28	6,4	0,1887	9,4	0,666	music wire	4C
T.016.028.0064.I	1,6	0,28	6,4	0,1621	9,3	0,557	stainless steel	4C
T.016.028.0079.A	1,6	0,28	7,9	0,1376	12,0	0,666	music wire	4C
T.016.028.0079.I	1,6	0,28	7,9	0,1182	11,9	0,557	stainless steel	4C
T.016.028.0095.A	1,6	0,28	9,5	0,1068	14,7	0,660	music wire	4C
T.016.028.0095.I	1,6	0,28	9,5	0,0917	14,4	0,535	stainless steel	4C
T.016.028.0097.A	1,6	0,28	9,7	0,1039	15,1	0,666	music wire	4C
T.016.028.0097.I	1,6	0,28	9,7	0,0892	15,0	0,557	stainless steel	4C
T.016.028.0111.A	1,6	0,28	11,1	0,0873	17,5	0,660	music wire	4C
T.016.028.0111.I	1,6	0,28	11,1	0,0749	17,1	0,535	stainless steel	4C
T.016.028.0112.A	1,6	0,28	11,2	0,0862	17,8	0,666	music wire	4C
T.016.028.0112.I	1,6	0,28	11,2	0,0741	17,6	0,557	stainless steel	4C
T.016.028.0127.A	1,6	0,28	12,7	0,0737	20,4	0,666	music wire	4C
T.016.028.0127.I	1,6	0,28	12,7	0,0633	20,2	0,557	stainless steel	4C
T.016.028.0143.A	1,6	0,28	14,3	0,0639	23,1	0,660	music wire	4C
T.016.028.0143.I	1,6	0,28	14,3	0,0549	22,5	0,535	stainless steel	4C
T.016.028.0157.A	1,6	0,28	15,7	0,0571	25,6	0,666	music wire	4C
T.016.028.0157.I	1,6	0,28	15,7	0,0491	25,3	0,557	stainless steel	4C
T.016.028.0159.A	1,6	0,28	15,9	0,0563	25,9	0,666	music wire	4C
T.016.028.0159.I	1,6	0,28	15,9	0,0484	25,7	0,557	stainless steel	4C
T.016.028.0190.A	1,6	0,28	19,0	0,0458	31,3	0,666	music wire	4C
T.016.028.0190.I	1,6	0,28	19,0	0,0393	31,0	0,557	stainless steel	4C
T.016.028.0191.A	1,6	0,28	19,1	0,0455	31,5	0,666	music wire	4C
T.016.028.0191.I	1,6	0,28	19,1	0,0391	31,2	0,557	stainless steel	4C
T.020.022.0100.A	2,0	0,22	10,0	0,0140	27,8	0,278	music wire	4C
T.020.022.0100.I	2,0	0,22	10,0	0,0120	27,3	0,232	stainless steel	4C
T.020.022.0125.A	2,0	0,22	12,5	0,0102	37,0	0,278	music wire	4C
T.020.022.0125.I	2,0	0,22	12,5	0,0087	36,2	0,232	stainless steel	4C
T.020.022.0157.A	2,0	0,22	15,7	0,0075	48,4	0,275	music wire	4C
T.020.022.0157.I	2,0	0,22	15,7	0,0065	46,3	0,222	stainless steel	4C
T.020.022.0159.A	2,0	0,22	15,9	0,0074	49,1	0,275	music wire	4C
T.020.022.0159.I	2,0	0,22	15,9	0,0064	47,0	0,222	stainless steel	4C
T.020.022.0160.A	2,0	0,22	16,0	0,0074	49,8	0,278	music wire	4C
T.020.022.0160.I	2,0	0,22	16,0	0,0063	48,8	0,232	stainless steel	4C
T.020.022.0191.A	2,0	0,22	19,1	0,0059	60,7	0,275	music wire	4C
T.020.022.0191.I	2,0	0,22	19,1	0,0051	58,1	0,222	stainless steel	4C
T.020.022.0200.A	2,0	0,22	20,0	0,0056	64,5	0,278	music wire	4C
T.020.022.0200.I	2,0	0,22	20,0	0,0048	63,2	0,232	stainless steel	4C
T.020.022.0220.A	2,0	0,22	22,0	0,0050	71,3	0,275	music wire	4C
T.020.022.0220.I	2,0	0,22	22,0	0,0043	68,2	0,222	stainless steel	4C
T.020.022.0250.A	2,0	0,22	25,0	0,0043	82,9	0,278	music wire	4C
T.020.022.0250.I	2,0	0,22	25,0	0,0037	81,2	0,232	stainless steel	4C
T.020.022.0320.A	2,0	0,22	32,0	0,0032	108,6	0,278	music wire	4C
T.020.022.0320.I	2,0	0,22	32,0	0,0028	106,3	0,232	stainless steel	4C
T.020.025.0100.A	2,0	0,25	10,0	0,0275	22,8	0,398	music wire	4C
T.020.025.0100.I	2,0	0,25	10,0	0,0236	22,4	0,332	stainless steel	4C
T.020.025.0125.A	2,0	0,25	12,5	0,0201	30,0	0,398	music wire	4C
T.020.025.0125.I	2,0	0,25	12,5	0,0172	29,5	0,332	stainless steel	4C
T.020.025.0160.A	2,0	0,25	16,0	0,0146	40,1	0,398	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.020.025.0160.I	2,0	0,25	16,0	0,0125	39,5	0,332	stainless steel	4C
T.020.025.0200.A	2,0	0,25	20,0	0,0111	51,7	0,398	music wire	4C
T.020.025.0200.I	2,0	0,25	20,0	0,0095	50,8	0,332	stainless steel	4C
T.020.025.0250.A	2,0	0,25	25,0	0,0085	66,2	0,398	music wire	4C
T.020.025.0250.I	2,0	0,25	25,0	0,0073	65,0	0,332	stainless steel	4C
T.020.025.0320.A	2,0	0,25	32,0	0,0065	86,4	0,398	music wire	4C
T.020.025.0320.I	2,0	0,25	32,0	0,0055	84,9	0,332	stainless steel	4C
T.020.028.0097.A	2,0	0,28	9,7	0,0526	18,7	0,541	music wire	4C
T.020.028.0097.I	2,0	0,28	9,7	0,0452	18,1	0,438	stainless steel	4C
T.020.028.0100.A	2,0	0,28	10,0	0,0504	19,4	0,546	music wire	4C
T.020.028.0100.I	2,0	0,28	10,0	0,0433	19,2	0,457	stainless steel	4C
T.020.028.0125.A	2,0	0,28	12,5	0,0369	25,4	0,546	music wire	4C
T.020.028.0125.I	2,0	0,28	12,5	0,0317	25,1	0,457	stainless steel	4C
T.020.028.0159.A	2,0	0,28	15,9	0,0270	33,3	0,541	music wire	4C
T.020.028.0159.I	2,0	0,28	15,9	0,0232	32,3	0,438	stainless steel	4C
T.020.028.0160.A	2,0	0,28	16,0	0,0268	33,7	0,546	music wire	4C
T.020.028.0160.I	2,0	0,28	16,0	0,0230	33,3	0,457	stainless steel	4C
T.020.028.0200.A	2,0	0,28	20,0	0,0205	43,3	0,546	music wire	4C
T.020.028.0200.I	2,0	0,28	20,0	0,0176	42,7	0,457	stainless steel	4C
T.020.028.0250.A	2,0	0,28	25,0	0,0158	55,2	0,546	music wire	4C
T.020.028.0250.I	2,0	0,28	25,0	0,0136	54,4	0,457	stainless steel	4C
T.020.028.0320.A	2,0	0,28	32,0	0,0119	71,8	0,546	music wire	4C
T.020.028.0320.I	2,0	0,28	32,0	0,0103	70,8	0,457	stainless steel	4C
T.020.030.0500.A	2,0	0,30	50,0	0,0107	103,2	0,661	music wire	4C
T.020.030.0500.I	2,0	0,30	50,0	0,0092	101,9	0,554	stainless steel	4C
T.020.032.0100.A	2,0	0,32	10,0	0,1036	16,5	0,790	music wire	4C
T.020.032.0100.I	2,0	0,32	10,0	0,0890	16,4	0,663	stainless steel	4C
T.020.032.0125.A	2,0	0,32	12,5	0,0762	21,4	0,790	music wire	4C
T.020.032.0125.I	2,0	0,32	12,5	0,0655	21,2	0,663	stainless steel	4C
T.020.032.0160.A	2,0	0,32	16,0	0,0556	28,2	0,790	music wire	4C
T.020.032.0160.I	2,0	0,32	16,0	0,0478	27,9	0,663	stainless steel	4C
T.020.032.0200.A	2,0	0,32	20,0	0,0425	36,0	0,790	music wire	4C
T.020.032.0200.I	2,0	0,32	20,0	0,0365	35,6	0,663	stainless steel	4C
T.020.032.0250.A	2,0	0,32	25,0	0,0328	45,7	0,790	music wire	4C
T.020.032.0250.I	2,0	0,32	25,0	0,0282	45,2	0,663	stainless steel	4C
T.020.032.0320.A	2,0	0,32	32,0	0,0249	59,2	0,790	music wire	4C
T.020.032.0320.I	2,0	0,32	32,0	0,0214	58,6	0,663	stainless steel	4C
T.021.022.0064.A	2,1	0,22	6,4	0,0276	15,0	0,263	music wire	4C
T.021.022.0064.I	2,1	0,22	6,4	0,0237	14,4	0,212	stainless steel	4C
T.021.022.0079.A	2,1	0,22	7,9	0,0181	20,9	0,263	music wire	4C
T.021.022.0079.I	2,1	0,22	7,9	0,0156	20,1	0,212	stainless steel	4C
T.021.022.0095.A	2,1	0,22	9,5	0,0133	27,3	0,263	music wire	4C
T.021.022.0095.I	2,1	0,22	9,5	0,0114	26,2	0,212	stainless steel	4C
T.021.022.0097.A	2,1	0,22	9,7	0,0128	28,1	0,263	music wire	4C
T.021.022.0097.I	2,1	0,22	9,7	0,0110	27,0	0,212	stainless steel	4C
T.021.022.0111.A	2,1	0,22	11,1	0,0104	33,7	0,263	music wire	4C
T.021.022.0111.I	2,1	0,22	11,1	0,0090	32,3	0,212	stainless steel	4C
T.021.022.0112.A	2,1	0,22	11,2	0,0103	34,1	0,263	music wire	4C
T.021.022.0112.I	2,1	0,22	11,2	0,0089	32,7	0,212	stainless steel	4C
T.022.020.0044.A	2,2	0,20	4,4	0,0679	7,0	0,194	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.022.020.0044.I	2,2	0,20	4,4	0,0583	6,9	0,161	stainless steel	4C
T.022.020.0080.A	2,2	0,20	8,0	0,0097	26,3	0,194	music wire	4C
T.022.020.0080.I	2,2	0,20	8,0	0,0083	25,7	0,161	stainless steel	4C
T.022.020.0110.A	2,2	0,20	11,0	0,0057	42,3	0,194	music wire	4C
T.022.020.0110.I	2,2	0,20	11,0	0,0049	41,4	0,161	stainless steel	4C
T.022.020.0111.A	2,2	0,20	11,1	0,0056	42,5	0,192	music wire	4C
T.022.020.0111.I	2,2	0,20	11,1	0,0048	40,5	0,155	stainless steel	4C
T.022.020.0200.A	2,2	0,20	20,0	0,0025	89,7	0,192	music wire	4C
T.022.020.0200.I	2,2	0,20	20,0	0,0022	85,3	0,155	stainless steel	4C
T.022.025.0059.A	2,2	0,25	5,9	0,0596	11,3	0,364	music wire	4C
T.022.025.0059.I	2,2	0,25	5,9	0,0512	11,2	0,304	stainless steel	4C
T.022.025.0080.A	2,2	0,25	8,0	0,0308	18,4	0,360	music wire	4C
T.022.025.0080.I	2,2	0,25	8,0	0,0265	17,8	0,292	stainless steel	4C
T.022.025.0092.A	2,2	0,25	9,2	0,0242	22,6	0,364	music wire	4C
T.022.025.0092.I	2,2	0,25	9,2	0,0208	22,3	0,304	stainless steel	4C
T.022.025.0129.A	2,2	0,25	12,9	0,0145	35,3	0,364	music wire	4C
T.022.025.0129.I	2,2	0,25	12,9	0,0125	34,7	0,304	stainless steel	4C
T.022.025.0147.A	2,2	0,25	14,7	0,0121	41,4	0,364	music wire	4C
T.022.025.0147.I	2,2	0,25	14,7	0,0104	40,7	0,304	stainless steel	4C
T.022.025.0164.A	2,2	0,25	16,4	0,0105	47,3	0,364	music wire	4C
T.022.025.0164.I	2,2	0,25	16,4	0,0090	46,4	0,304	stainless steel	4C
T.022.025.0184.A	2,2	0,25	18,4	0,0091	54,1	0,364	music wire	4C
T.022.025.0184.I	2,2	0,25	18,4	0,0078	53,1	0,304	stainless steel	4C
T.022.025.0204.A	2,2	0,25	20,4	0,0080	60,9	0,364	music wire	4C
T.022.025.0204.I	2,2	0,25	20,4	0,0069	59,8	0,304	stainless steel	4C
T.022.025.0224.A	2,2	0,25	22,4	0,0072	67,8	0,364	music wire	4C
T.022.025.0224.I	2,2	0,25	22,4	0,0061	66,5	0,304	stainless steel	4C
T.022.025.0260.A	2,2	0,25	26,0	0,0060	79,5	0,360	music wire	4C
T.022.025.0260.I	2,2	0,25	26,0	0,0052	76,2	0,292	stainless steel	4C
T.022.025.0300.A	2,2	0,25	30,0	0,0051	93,1	0,360	music wire	4C
T.022.025.0300.I	2,2	0,25	30,0	0,0044	89,2	0,292	stainless steel	4C
T.022.032.0047.A	2,2	0,32	4,7	0,4083	6,2	0,725	music wire	4C
T.022.032.0047.I	2,2	0,32	4,7	0,3507	6,2	0,608	stainless steel	4C
T.022.032.0060.A	2,2	0,32	6,0	0,2010	9,1	0,725	music wire	4C
T.022.032.0060.I	2,2	0,32	6,0	0,1726	9,1	0,608	stainless steel	4C
T.022.032.0079.A	2,2	0,32	7,9	0,1153	13,4	0,725	music wire	4C
T.022.032.0079.I	2,2	0,32	7,9	0,0991	13,2	0,608	stainless steel	4C
T.022.032.0108.A	2,2	0,32	10,8	0,0700	19,8	0,725	music wire	4C
T.022.032.0108.I	2,2	0,32	10,8	0,0600	19,6	0,608	stainless steel	4C
T.022.032.0151.A	2,2	0,32	15,1	0,0442	29,2	0,719	music wire	4C
T.022.032.0151.I	2,2	0,32	15,1	0,0379	28,4	0,584	stainless steel	4C
T.022.032.0156.A	2,2	0,32	15,6	0,0423	30,5	0,725	music wire	4C
T.022.032.0156.I	2,2	0,32	15,6	0,0363	30,1	0,608	stainless steel	4C
T.022.032.0167.A	2,2	0,32	16,7	0,0388	32,8	0,719	music wire	4C
T.022.032.0167.I	2,2	0,32	16,7	0,0334	31,8	0,584	stainless steel	4C
T.022.032.0182.A	2,2	0,32	18,2	0,0349	36,1	0,719	music wire	4C
T.022.032.0182.I	2,2	0,32	18,2	0,0300	35,0	0,584	stainless steel	4C
T.022.032.0220.A	2,2	0,32	22,0	0,0277	44,7	0,725	music wire	4C
T.022.032.0220.I	2,2	0,32	22,0	0,0238	44,2	0,608	stainless steel	4C
T.022.032.0248.A	2,2	0,32	24,8	0,0241	50,7	0,719	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.022.032.0248.I	2,2	0,32	24,8	0,0207	49,2	0,584	stainless steel	4C
T.022.032.0260.A	2,2	0,32	26,0	0,0228	53,4	0,719	music wire	4C
T.022.032.0260.I	2,2	0,32	26,0	0,0196	51,7	0,584	stainless steel	4C
T.022.032.0270.A	2,2	0,32	27,0	0,0218	55,6	0,719	music wire	4C
T.022.032.0270.I	2,2	0,32	27,0	0,0188	53,8	0,584	stainless steel	4C
T.022.032.0300.A	2,2	0,32	30,0	0,0194	62,2	0,719	music wire	4C
T.022.032.0300.I	2,2	0,32	30,0	0,0166	60,3	0,584	stainless steel	4C
T.023.025.0068.A	2,3	0,25	6,8	0,0391	14,7	0,346	music wire	4C
T.023.025.0068.I	2,3	0,25	6,8	0,0336	14,2	0,280	stainless steel	4C
T.023.032.0060.A	2,3	0,32	6,0	0,1860	9,2	0,690	music wire	4C
T.023.032.0060.I	2,3	0,32	6,0	0,1597	9,0	0,561	stainless steel	4C
T.023.032.0080.A	2,3	0,32	8,0	0,1012	14,0	0,690	music wire	4C
T.023.032.0080.I	2,3	0,32	8,0	0,0869	13,6	0,561	stainless steel	4C
T.023.032.0095.A	2,3	0,32	9,5	0,0751	17,6	0,696	music wire	4C
T.023.032.0095.I	2,3	0,32	9,5	0,0645	17,4	0,584	stainless steel	4C
T.023.032.0127.A	2,3	0,32	12,7	0,0486	25,2	0,696	music wire	4C
T.023.032.0127.I	2,3	0,32	12,7	0,0417	24,9	0,584	stainless steel	4C
T.023.032.0140.A	2,3	0,32	14,0	0,0425	28,2	0,690	music wire	4C
T.023.032.0140.I	2,3	0,32	14,0	0,0365	27,3	0,561	stainless steel	4C
T.023.032.0159.A	2,3	0,32	15,9	0,0359	32,8	0,696	music wire	4C
T.023.032.0159.I	2,3	0,32	15,9	0,0309	32,4	0,584	stainless steel	4C
T.023.032.0180.A	2,3	0,32	18,0	0,0306	37,7	0,690	music wire	4C
T.023.032.0180.I	2,3	0,32	18,0	0,0263	36,5	0,561	stainless steel	4C
T.023.032.0190.A	2,3	0,32	19,0	0,0287	40,2	0,696	music wire	4C
T.023.032.0190.I	2,3	0,32	19,0	0,0246	39,7	0,584	stainless steel	4C
T.023.032.0191.A	2,3	0,32	19,1	0,0285	40,4	0,696	music wire	4C
T.023.032.0191.I	2,3	0,32	19,1	0,0245	39,9	0,584	stainless steel	4C
T.023.032.0200.A	2,3	0,32	20,0	0,0269	42,4	0,690	music wire	4C
T.023.032.0200.I	2,3	0,32	20,0	0,0231	41,0	0,561	stainless steel	4C
T.023.032.0220.A	2,3	0,32	22,0	0,0240	47,3	0,696	music wire	4C
T.023.032.0220.I	2,3	0,32	22,0	0,0206	46,7	0,584	stainless steel	4C
T.023.032.0240.A	2,3	0,32	24,0	0,0216	51,8	0,690	music wire	4C
T.023.032.0240.I	2,3	0,32	24,0	0,0186	50,2	0,561	stainless steel	4C
T.023.032.0250.A	2,3	0,32	25,0	0,0206	54,5	0,696	music wire	4C
T.023.032.0250.I	2,3	0,32	25,0	0,0177	53,8	0,584	stainless steel	4C
T.023.032.0280.A	2,3	0,32	28,0	0,0181	61,3	0,690	music wire	4C
T.023.032.0280.I	2,3	0,32	28,0	0,0155	59,3	0,561	stainless steel	4C
T.023.032.0300.A	2,3	0,32	30,0	0,0167	66,1	0,690	music wire	4C
T.023.032.0300.I	2,3	0,32	30,0	0,0143	63,9	0,561	stainless steel	4C
T.023.032.0320.A	2,3	0,32	32,0	0,0155	71,1	0,696	music wire	4C
T.023.032.0320.I	2,3	0,32	32,0	0,0133	70,2	0,584	stainless steel	4C
T.023.035.0068.A	2,3	0,35	6,8	0,2217	10,2	0,885	music wire	4C
T.023.035.0068.I	2,3	0,35	6,8	0,1904	10,0	0,720	stainless steel	4C
T.023.040.0097.A	2,3	0,40	9,7	0,2414	14,2	1,288	music wire	4C
T.023.040.0097.I	2,3	0,40	9,7	0,2074	14,1	1,085	stainless steel	4C
T.023.040.0112.A	2,3	0,40	11,2	0,1950	16,8	1,288	music wire	4C
T.023.040.0112.I	2,3	0,40	11,2	0,1675	16,7	1,085	stainless steel	4C
T.023.040.0127.A	2,3	0,40	12,7	0,1635	19,4	1,288	music wire	4C
T.023.040.0127.I	2,3	0,40	12,7	0,1405	19,3	1,085	stainless steel	4C
T.023.040.0159.A	2,3	0,40	15,9	0,1217	24,9	1,288	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.023.040.0159.I	2,3	0,40	15,9	0,1045	24,7	1,085	stainless steel	4C
T.023.040.0191.A	2,3	0,40	19,1	0,0969	30,4	1,288	music wire	4C
T.023.040.0191.I	2,3	0,40	19,1	0,0832	30,2	1,085	stainless steel	4C
T.023.040.0220.A	2,3	0,40	22,0	0,0818	35,4	1,288	music wire	4C
T.023.040.0220.I	2,3	0,40	22,0	0,0702	35,1	1,085	stainless steel	4C
T.023.040.0250.A	2,3	0,40	25,0	0,0704	40,5	1,288	music wire	4C
T.023.040.0250.I	2,3	0,40	25,0	0,0605	40,2	1,085	stainless steel	4C
T.023.040.0280.A	2,3	0,40	28,0	0,0618	45,6	1,279	music wire	4C
T.023.040.0280.I	2,3	0,40	28,0	0,0531	44,6	1,042	stainless steel	4C
T.023.040.0300.A	2,3	0,40	30,0	0,0572	49,0	1,279	music wire	4C
T.023.040.0300.I	2,3	0,40	30,0	0,0491	47,9	1,042	stainless steel	4C
T.023.040.0320.A	2,3	0,40	32,0	0,0532	52,4	1,279	music wire	4C
T.023.040.0320.I	2,3	0,40	32,0	0,0457	51,2	1,042	stainless steel	4C
T.023.040.0340.A	2,3	0,40	34,0	0,0497	55,9	1,279	music wire	4C
T.023.040.0340.I	2,3	0,40	34,0	0,0427	54,6	1,042	stainless steel	4C
T.023.040.0360.A	2,3	0,40	36,0	0,0467	59,3	1,279	music wire	4C
T.023.040.0360.I	2,3	0,40	36,0	0,0401	57,9	1,042	stainless steel	4C
T.023.040.0420.A	2,3	0,40	42,0	0,0394	69,6	1,279	music wire	4C
T.023.040.0420.I	2,3	0,40	42,0	0,0338	68,0	1,042	stainless steel	4C
T.023.040.0460.A	2,3	0,40	46,0	0,0357	76,4	1,279	music wire	4C
T.023.040.0460.I	2,3	0,40	46,0	0,0307	74,7	1,042	stainless steel	4C
T.023.040.0500.A	2,3	0,40	50,0	0,0326	83,3	1,279	music wire	4C
T.023.040.0500.I	2,3	0,40	50,0	0,0280	81,4	1,042	stainless steel	4C
T.024.025.0079.A	2,4	0,25	7,9	0,0260	19,4	0,332	music wire	4C
T.024.025.0079.I	2,4	0,25	7,9	0,0223	18,7	0,269	stainless steel	4C
T.024.025.0086.A	2,4	0,25	8,6	0,0220	22,2	0,332	music wire	4C
T.024.025.0086.I	2,4	0,25	8,6	0,0189	21,4	0,269	stainless steel	4C
T.024.025.0095.A	2,4	0,25	9,5	0,0184	25,9	0,335	music wire	4C
T.024.025.0095.I	2,4	0,25	9,5	0,0158	25,5	0,280	stainless steel	4C
T.024.025.0097.A	2,4	0,25	9,7	0,0177	26,7	0,335	music wire	4C
T.024.025.0097.I	2,4	0,25	9,7	0,0152	26,3	0,280	stainless steel	4C
T.024.025.0111.A	2,4	0,25	11,1	0,0142	32,4	0,335	music wire	4C
T.024.025.0111.I	2,4	0,25	11,1	0,0122	31,8	0,280	stainless steel	4C
T.024.025.0112.A	2,4	0,25	11,2	0,0140	32,8	0,335	music wire	4C
T.024.025.0112.I	2,4	0,25	11,2	0,0120	32,2	0,280	stainless steel	4C
T.024.025.0127.A	2,4	0,25	12,7	0,0116	38,8	0,335	music wire	4C
T.024.025.0127.I	2,4	0,25	12,7	0,0099	38,1	0,280	stainless steel	4C
T.024.025.0159.A	2,4	0,25	15,9	0,0084	51,7	0,335	music wire	4C
T.024.025.0159.I	2,4	0,25	15,9	0,0073	50,7	0,280	stainless steel	4C
T.024.025.0182.A	2,4	0,25	18,2	0,0071	60,5	0,332	music wire	4C
T.024.025.0182.I	2,4	0,25	18,2	0,0061	57,9	0,269	stainless steel	4C
T.024.025.0190.A	2,4	0,25	19,0	0,0067	64,1	0,335	music wire	4C
T.024.025.0190.I	2,4	0,25	19,0	0,0058	62,8	0,280	stainless steel	4C
T.024.025.0191.A	2,4	0,25	19,1	0,0067	64,5	0,335	music wire	4C
T.024.025.0191.I	2,4	0,25	19,1	0,0057	63,2	0,280	stainless steel	4C
T.024.025.0220.A	2,4	0,25	22,0	0,0056	76,2	0,335	music wire	4C
T.024.025.0220.I	2,4	0,25	22,0	0,0048	74,6	0,280	stainless steel	4C
T.024.025.0224.A	2,4	0,25	22,4	0,0055	77,8	0,335	music wire	4C
T.024.025.0224.I	2,4	0,25	22,4	0,0047	76,2	0,280	stainless steel	4C
T.024.025.0240.A	2,4	0,25	24,0	0,0050	83,6	0,332	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.024.025.0240.I	2,4	0,25	24,0	0,0043	79,9	0,269	stainless steel	4C
T.024.025.0250.A	2,4	0,25	25,0	0,0048	88,2	0,335	music wire	4C
T.024.025.0250.I	2,4	0,25	25,0	0,0041	86,4	0,280	stainless steel	4C
T.024.025.0254.A	2,4	0,25	25,4	0,0047	89,8	0,335	music wire	4C
T.024.025.0254.I	2,4	0,25	25,4	0,0040	88,0	0,280	stainless steel	4C
T.024.028.0079.A	2,4	0,28	7,9	0,0466	16,6	0,457	music wire	4C
T.024.028.0079.I	2,4	0,28	7,9	0,0400	16,1	0,370	stainless steel	4C
T.024.028.0095.A	2,4	0,28	9,5	0,0332	21,8	0,461	music wire	4C
T.024.028.0095.I	2,4	0,28	9,5	0,0285	21,5	0,386	stainless steel	4C
T.024.028.0097.A	2,4	0,28	9,7	0,0321	22,5	0,461	music wire	4C
T.024.028.0097.I	2,4	0,28	9,7	0,0275	22,2	0,386	stainless steel	4C
T.024.028.0111.A	2,4	0,28	11,1	0,0258	27,0	0,461	music wire	4C
T.024.028.0111.I	2,4	0,28	11,1	0,0221	26,6	0,386	stainless steel	4C
T.024.028.0112.A	2,4	0,28	11,2	0,0254	27,3	0,461	music wire	4C
T.024.028.0112.I	2,4	0,28	11,2	0,0218	26,9	0,386	stainless steel	4C
T.024.028.0127.A	2,4	0,28	12,7	0,0211	32,2	0,461	music wire	4C
T.024.028.0127.I	2,4	0,28	12,7	0,0181	31,7	0,386	stainless steel	4C
T.024.028.0157.A	2,4	0,28	15,7	0,0157	41,9	0,461	music wire	4C
T.024.028.0157.I	2,4	0,28	15,7	0,0135	41,2	0,386	stainless steel	4C
T.024.028.0159.A	2,4	0,28	15,9	0,0154	42,5	0,461	music wire	4C
T.024.028.0159.I	2,4	0,28	15,9	0,0132	41,8	0,386	stainless steel	4C
T.024.028.0190.A	2,4	0,28	19,0	0,0122	52,5	0,461	music wire	4C
T.024.028.0190.I	2,4	0,28	19,0	0,0105	51,7	0,386	stainless steel	4C
T.024.028.0191.A	2,4	0,28	19,1	0,0122	52,8	0,461	music wire	4C
T.024.028.0191.I	2,4	0,28	19,1	0,0104	52,0	0,386	stainless steel	4C
T.024.028.0220.A	2,4	0,28	22,0	0,0102	62,2	0,461	music wire	4C
T.024.028.0220.I	2,4	0,28	22,0	0,0088	61,2	0,386	stainless steel	4C
T.024.028.0224.A	2,4	0,28	22,4	0,0100	63,5	0,461	music wire	4C
T.024.028.0224.I	2,4	0,28	22,4	0,0086	62,4	0,386	stainless steel	4C
T.024.028.0250.A	2,4	0,28	25,0	0,0087	71,9	0,461	music wire	4C
T.024.028.0250.I	2,4	0,28	25,0	0,0075	70,7	0,386	stainless steel	4C
T.024.028.0254.A	2,4	0,28	25,4	0,0086	73,2	0,461	music wire	4C
T.024.028.0254.I	2,4	0,28	25,4	0,0074	72,0	0,386	stainless steel	4C
T.024.028.0270.A	2,4	0,28	27,0	0,0080	77,9	0,457	music wire	4C
T.024.028.0270.I	2,4	0,28	27,0	0,0069	74,8	0,370	stainless steel	4C
T.024.030.0095.A	2,4	0,30	9,5	0,0477	19,8	0,559	music wire	4C
T.024.030.0095.I	2,4	0,30	9,5	0,0410	19,6	0,469	stainless steel	4C
T.024.030.0097.A	2,4	0,30	9,7	0,0461	20,4	0,559	music wire	4C
T.024.030.0097.I	2,4	0,30	9,7	0,0396	20,2	0,469	stainless steel	4C
T.024.030.0103.A	2,4	0,30	10,3	0,0418	22,0	0,554	music wire	4C
T.024.030.0103.I	2,4	0,30	10,3	0,0359	21,3	0,450	stainless steel	4C
T.024.030.0112.A	2,4	0,30	11,2	0,0366	24,7	0,559	music wire	4C
T.024.030.0112.I	2,4	0,30	11,2	0,0315	24,4	0,469	stainless steel	4C
T.024.030.0127.A	2,4	0,30	12,7	0,0304	29,0	0,559	music wire	4C
T.024.030.0127.I	2,4	0,30	12,7	0,0261	28,6	0,469	stainless steel	4C
T.024.030.0157.A	2,4	0,30	15,7	0,0227	37,5	0,559	music wire	4C
T.024.030.0157.I	2,4	0,30	15,7	0,0195	37,0	0,469	stainless steel	4C
T.024.030.0159.A	2,4	0,30	15,9	0,0223	38,1	0,559	music wire	4C
T.024.030.0159.I	2,4	0,30	15,9	0,0191	37,5	0,469	stainless steel	4C
T.024.030.0190.A	2,4	0,30	19,0	0,0177	46,9	0,559	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.024.030.0190.I	2,4	0,30	19,0	0,0152	46,2	0,469	stainless steel	4C
T.024.030.0191.A	2,4	0,30	19,1	0,0176	47,2	0,559	music wire	4C
T.024.030.0191.I	2,4	0,30	19,1	0,0151	46,5	0,469	stainless steel	4C
T.024.030.0220.A	2,4	0,30	22,0	0,0148	55,4	0,559	music wire	4C
T.024.030.0220.I	2,4	0,30	22,0	0,0127	54,6	0,469	stainless steel	4C
T.024.030.0224.A	2,4	0,30	22,4	0,0144	56,6	0,559	music wire	4C
T.024.030.0224.I	2,4	0,30	22,4	0,0124	55,7	0,469	stainless steel	4C
T.024.030.0254.A	2,4	0,30	25,4	0,0124	65,1	0,559	music wire	4C
T.024.030.0254.I	2,4	0,30	25,4	0,0107	64,1	0,469	stainless steel	4C
T.024.030.0410.A	2,4	0,30	41,0	0,0072	108,9	0,554	music wire	4C
T.024.030.0410.I	2,4	0,30	41,0	0,0062	104,8	0,450	stainless steel	4C
T.024.032.0097.A	2,4	0,32	9,7	0,0648	18,8	0,670	music wire	4C
T.024.032.0097.I	2,4	0,32	9,7	0,0557	18,5	0,562	stainless steel	4C
T.024.032.0112.A	2,4	0,32	11,2	0,0516	22,6	0,670	music wire	4C
T.024.032.0112.I	2,4	0,32	11,2	0,0443	22,3	0,562	stainless steel	4C
T.024.032.0127.A	2,4	0,32	12,7	0,0429	26,4	0,670	music wire	4C
T.024.032.0127.I	2,4	0,32	12,7	0,0368	26,1	0,562	stainless steel	4C
T.024.032.0157.A	2,4	0,32	15,7	0,0320	34,0	0,670	music wire	4C
T.024.032.0157.I	2,4	0,32	15,7	0,0275	33,6	0,562	stainless steel	4C
T.024.032.0190.A	2,4	0,32	19,0	0,0251	42,4	0,670	music wire	4C
T.024.032.0190.I	2,4	0,32	19,0	0,0215	41,9	0,562	stainless steel	4C
T.024.032.0224.A	2,4	0,32	22,4	0,0205	51,1	0,670	music wire	4C
T.024.032.0224.I	2,4	0,32	22,4	0,0176	50,4	0,562	stainless steel	4C
T.024.032.0254.A	2,4	0,32	25,4	0,0176	58,7	0,670	music wire	4C
T.024.032.0254.I	2,4	0,32	25,4	0,0151	57,9	0,562	stainless steel	4C
T.024.035.0112.A	2,4	0,35	11,2	0,0834	20,1	0,859	music wire	4C
T.024.035.0112.I	2,4	0,35	11,2	0,0716	19,9	0,722	stainless steel	4C
T.024.035.0127.A	2,4	0,35	12,7	0,0694	23,4	0,859	music wire	4C
T.024.035.0127.I	2,4	0,35	12,7	0,0596	23,2	0,722	stainless steel	4C
T.024.035.0157.A	2,4	0,35	15,7	0,0520	30,0	0,859	music wire	4C
T.024.035.0157.I	2,4	0,35	15,7	0,0446	29,7	0,722	stainless steel	4C
T.024.035.0190.A	2,4	0,35	19,0	0,0407	37,3	0,859	music wire	4C
T.024.035.0190.I	2,4	0,35	19,0	0,0350	36,9	0,722	stainless steel	4C
T.024.035.0224.A	2,4	0,35	22,4	0,0333	44,8	0,859	music wire	4C
T.024.035.0224.I	2,4	0,35	22,4	0,0286	44,3	0,722	stainless steel	4C
T.024.035.0254.A	2,4	0,35	25,4	0,0287	51,2	0,852	music wire	4C
T.024.035.0254.I	2,4	0,35	25,4	0,0246	49,7	0,693	stainless steel	4C
T.024.035.0318.A	2,4	0,35	31,8	0,0222	65,2	0,852	music wire	4C
T.024.035.0318.I	2,4	0,35	31,8	0,0190	63,2	0,693	stainless steel	4C
T.024.035.0381.A	2,4	0,35	38,1	0,0181	79,0	0,852	music wire	4C
T.024.035.0381.I	2,4	0,35	38,1	0,0155	76,6	0,693	stainless steel	4C
T.024.036.0095.A	2,4	0,36	9,5	0,1255	15,9	0,929	music wire	4C
T.024.036.0095.I	2,4	0,36	9,5	0,1078	15,8	0,781	stainless steel	4C
T.024.036.0127.A	2,4	0,36	12,7	0,0808	22,6	0,929	music wire	4C
T.024.036.0127.I	2,4	0,36	12,7	0,0694	22,4	0,781	stainless steel	4C
T.024.036.0159.A	2,4	0,36	15,9	0,0596	29,4	0,929	music wire	4C
T.024.036.0159.I	2,4	0,36	15,9	0,0512	29,1	0,781	stainless steel	4C
T.024.036.0191.A	2,4	0,36	19,1	0,0472	36,1	0,929	music wire	4C
T.024.036.0191.I	2,4	0,36	19,1	0,0405	35,8	0,781	stainless steel	4C
T.024.036.0220.A	2,4	0,36	22,0	0,0397	42,2	0,929	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.024.036.0220.I	2,4	0,36	22,0	0,0341	41,8	0,781	stainless steel	4C
T.024.036.0240.A	2,4	0,36	24,0	0,0358	46,3	0,921	music wire	4C
T.024.036.0240.I	2,4	0,36	24,0	0,0307	45,0	0,749	stainless steel	4C
T.024.036.0260.A	2,4	0,36	26,0	0,0326	50,5	0,921	music wire	4C
T.024.036.0260.I	2,4	0,36	26,0	0,0280	49,0	0,749	stainless steel	4C
T.024.036.0380.A	2,4	0,36	38,0	0,0212	75,6	0,921	music wire	4C
T.024.036.0380.I	2,4	0,36	38,0	0,0182	73,4	0,749	stainless steel	4C
T.024.036.0410.A	2,4	0,36	41,0	0,0195	82,0	0,921	music wire	4C
T.024.036.0410.I	2,4	0,36	41,0	0,0167	79,6	0,749	stainless steel	4C
T.024.036.0480.A	2,4	0,36	48,0	0,0164	96,6	0,921	music wire	4C
T.024.036.0480.I	2,4	0,36	48,0	0,0141	93,8	0,749	stainless steel	4C
T.024.040.0079.A	2,4	0,40	7,9	0,3019	11,4	1,232	music wire	4C
T.024.040.0079.I	2,4	0,40	7,9	0,2593	11,2	1,004	stainless steel	4C
T.024.040.0095.A	2,4	0,40	9,5	0,2203	14,3	1,232	music wire	4C
T.024.040.0095.I	2,4	0,40	9,5	0,1892	14,0	1,004	stainless steel	4C
T.024.040.0097.A	2,4	0,40	9,7	0,2138	14,7	1,241	music wire	4C
T.024.040.0097.I	2,4	0,40	9,7	0,1836	14,6	1,046	stainless steel	4C
T.024.040.0111.A	2,4	0,40	11,1	0,1734	17,2	1,232	music wire	4C
T.024.040.0111.I	2,4	0,40	11,1	0,1489	16,8	1,004	stainless steel	4C
T.024.040.0112.A	2,4	0,40	11,2	0,1716	17,4	1,241	music wire	4C
T.024.040.0112.I	2,4	0,40	11,2	0,1474	17,3	1,046	stainless steel	4C
T.024.040.0127.A	2,4	0,40	12,7	0,1433	20,1	1,241	music wire	4C
T.024.040.0127.I	2,4	0,40	12,7	0,1231	20,0	1,046	stainless steel	4C
T.024.040.0143.A	2,4	0,40	14,3	0,1216	23,0	1,232	music wire	4C
T.024.040.0143.I	2,4	0,40	14,3	0,1045	22,5	1,004	stainless steel	4C
T.024.040.0157.A	2,4	0,40	15,7	0,1078	25,5	1,241	music wire	4C
T.024.040.0157.I	2,4	0,40	15,7	0,0926	25,4	1,046	stainless steel	4C
T.024.040.0167.A	2,4	0,40	16,7	0,0994	27,3	1,232	music wire	4C
T.024.040.0167.I	2,4	0,40	16,7	0,0854	26,7	1,004	stainless steel	4C
T.024.040.0190.A	2,4	0,40	19,0	0,0847	31,5	1,241	music wire	4C
T.024.040.0190.I	2,4	0,40	19,0	0,0727	31,3	1,046	stainless steel	4C
T.024.040.0221.A	2,4	0,40	22,1	0,0706	37,0	1,232	music wire	4C
T.024.040.0221.I	2,4	0,40	22,1	0,0606	36,1	1,004	stainless steel	4C
T.024.040.0224.A	2,4	0,40	22,4	0,0694	37,7	1,241	music wire	4C
T.024.040.0224.I	2,4	0,40	22,4	0,0596	37,4	1,046	stainless steel	4C
T.024.040.0237.A	2,4	0,40	23,7	0,0649	39,9	1,232	music wire	4C
T.024.040.0237.I	2,4	0,40	23,7	0,0558	39,0	1,004	stainless steel	4C
T.024.040.0240.A	2,4	0,40	24,0	0,0639	40,5	1,232	music wire	4C
T.024.040.0240.I	2,4	0,40	24,0	0,0549	39,5	1,004	stainless steel	4C
T.024.040.0250.A	2,4	0,40	25,0	0,0609	42,4	1,241	music wire	4C
T.024.040.0250.I	2,4	0,40	25,0	0,0523	42,1	1,046	stainless steel	4C
T.024.040.0254.A	2,4	0,40	25,4	0,0598	43,1	1,241	music wire	4C
T.024.040.0254.I	2,4	0,40	25,4	0,0514	42,8	1,046	stainless steel	4C
T.024.040.0310.A	2,4	0,40	31,0	0,0476	53,1	1,232	music wire	4C
T.024.040.0310.I	2,4	0,40	31,0	0,0409	51,8	1,004	stainless steel	4C
T.024.040.0330.A	2,4	0,40	33,0	0,0444	56,7	1,232	music wire	4C
T.024.040.0330.I	2,4	0,40	33,0	0,0381	55,4	1,004	stainless steel	4C
T.024.040.0342.A	2,4	0,40	34,2	0,0426	58,9	1,232	music wire	4C
T.024.040.0342.I	2,4	0,40	34,2	0,0366	57,5	1,004	stainless steel	4C
T.024.040.0380.A	2,4	0,40	38,0	0,0379	65,8	1,232	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.024.040.0380.I	2,4	0,40	38,0	0,0326	64,2	1,004	stainless steel	4C
T.024.040.0410.A	2,4	0,40	41,0	0,0349	71,2	1,232	music wire	4C
T.024.040.0410.I	2,4	0,40	41,0	0,0299	69,4	1,004	stainless steel	4C
T.024.040.0480.A	2,4	0,40	48,0	0,0294	83,8	1,232	music wire	4C
T.024.040.0480.I	2,4	0,40	48,0	0,0252	81,8	1,004	stainless steel	4C
T.025.025.0125.A	2,5	0,25	12,5	0,0106	40,1	0,323	music wire	4C
T.025.025.0125.I	2,5	0,25	12,5	0,0091	39,3	0,269	stainless steel	4C
T.025.025.0160.A	2,5	0,25	16,0	0,0074	55,3	0,323	music wire	4C
T.025.025.0160.I	2,5	0,25	16,0	0,0064	54,2	0,269	stainless steel	4C
T.025.025.0200.A	2,5	0,25	20,0	0,0055	72,6	0,323	music wire	4C
T.025.025.0200.I	2,5	0,25	20,0	0,0048	71,2	0,269	stainless steel	4C
T.025.025.0250.A	2,5	0,25	25,0	0,0042	94,3	0,323	music wire	4C
T.025.025.0250.I	2,5	0,25	25,0	0,0036	92,4	0,269	stainless steel	4C
T.025.025.0320.A	2,5	0,25	32,0	0,0031	124,7	0,323	music wire	4C
T.025.025.0320.I	2,5	0,25	32,0	0,0027	122,1	0,269	stainless steel	4C
T.025.028.0064.A	2,5	0,28	6,4	0,0715	11,9	0,440	music wire	4C
T.025.028.0064.I	2,5	0,28	6,4	0,0614	11,6	0,356	stainless steel	4C
T.025.028.0125.A	2,5	0,28	12,5	0,0192	33,1	0,444	music wire	4C
T.025.028.0125.I	2,5	0,28	12,5	0,0165	32,6	0,371	stainless steel	4C
T.025.028.0160.A	2,5	0,28	16,0	0,0135	45,3	0,444	music wire	4C
T.025.028.0160.I	2,5	0,28	16,0	0,0116	44,5	0,371	stainless steel	4C
T.025.028.0200.A	2,5	0,28	20,0	0,0101	59,2	0,444	music wire	4C
T.025.028.0200.I	2,5	0,28	20,0	0,0087	58,2	0,371	stainless steel	4C
T.025.028.0250.A	2,5	0,28	25,0	0,0077	76,6	0,444	music wire	4C
T.025.028.0250.I	2,5	0,28	25,0	0,0066	75,2	0,371	stainless steel	4C
T.025.028.0320.A	2,5	0,28	32,0	0,0058	100,9	0,444	music wire	4C
T.025.028.0320.I	2,5	0,28	32,0	0,0049	99,1	0,371	stainless steel	4C
T.025.032.0125.A	2,5	0,32	12,5	0,0390	27,1	0,645	music wire	4C
T.025.032.0125.I	2,5	0,32	12,5	0,0335	26,7	0,541	stainless steel	4C
T.025.032.0160.A	2,5	0,32	16,0	0,0276	36,6	0,645	music wire	4C
T.025.032.0160.I	2,5	0,32	16,0	0,0237	36,1	0,541	stainless steel	4C
T.025.032.0200.A	2,5	0,32	20,0	0,0207	47,5	0,645	music wire	4C
T.025.032.0200.I	2,5	0,32	20,0	0,0178	46,8	0,541	stainless steel	4C
T.025.032.0250.A	2,5	0,32	25,0	0,0157	61,1	0,645	music wire	4C
T.025.032.0250.I	2,5	0,32	25,0	0,0135	60,2	0,541	stainless steel	4C
T.025.032.0320.A	2,5	0,32	32,0	0,0118	80,1	0,645	music wire	4C
T.025.032.0320.I	2,5	0,32	32,0	0,0101	79,0	0,541	stainless steel	4C
T.025.035.0053.A	2,5	0,35	5,3	0,4000	7,1	0,828	music wire	4C
T.025.035.0053.I	2,5	0,35	5,3	0,3425	7,1	0,695	stainless steel	4C
T.025.035.0068.A	2,5	0,35	6,8	0,1889	10,6	0,828	music wire	4C
T.025.035.0068.I	2,5	0,35	6,8	0,1623	10,5	0,695	stainless steel	4C
T.025.035.0089.A	2,5	0,35	8,9	0,1088	15,5	0,828	music wire	4C
T.025.035.0089.I	2,5	0,35	8,9	0,0934	15,4	0,695	stainless steel	4C
T.025.035.0122.A	2,5	0,35	12,2	0,0653	23,3	0,828	music wire	4C
T.025.035.0122.I	2,5	0,35	12,2	0,0561	23,0	0,695	stainless steel	4C
T.025.035.0125.A	2,5	0,35	12,5	0,0630	24,0	0,828	music wire	4C
T.025.035.0125.I	2,5	0,35	12,5	0,0541	23,7	0,695	stainless steel	4C
T.025.035.0160.A	2,5	0,35	16,0	0,0447	32,2	0,828	music wire	4C
T.025.035.0160.I	2,5	0,35	16,0	0,0384	31,8	0,695	stainless steel	4C
T.025.035.0176.A	2,5	0,35	17,6	0,0394	35,9	0,828	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.025.035.0176.I	2,5	0,35	17,6	0,0339	35,5	0,695	stainless steel	4C
T.025.035.0200.A	2,5	0,35	20,0	0,0335	41,5	0,828	music wire	4C
T.025.035.0200.I	2,5	0,35	20,0	0,0288	41,0	0,695	stainless steel	4C
T.025.035.0248.A	2,5	0,35	24,8	0,0258	52,7	0,828	music wire	4C
T.025.035.0248.I	2,5	0,35	24,8	0,0222	52,1	0,695	stainless steel	4C
T.025.035.0250.A	2,5	0,35	25,0	0,0256	53,2	0,828	music wire	4C
T.025.035.0250.I	2,5	0,35	25,0	0,0220	52,6	0,695	stainless steel	4C
T.025.035.0320.A	2,5	0,35	32,0	0,0192	69,6	0,828	music wire	4C
T.025.035.0320.I	2,5	0,35	32,0	0,0165	68,8	0,695	stainless steel	4C
T.025.040.0125.A	2,5	0,40	12,5	0,1295	20,4	1,197	music wire	4C
T.025.040.0125.I	2,5	0,40	12,5	0,1112	20,3	1,009	stainless steel	4C
T.025.040.0160.A	2,5	0,40	16,0	0,0923	27,1	1,197	music wire	4C
T.025.040.0160.I	2,5	0,40	16,0	0,0793	26,9	1,009	stainless steel	4C
T.025.040.0200.A	2,5	0,40	20,0	0,0695	34,8	1,197	music wire	4C
T.025.040.0200.I	2,5	0,40	20,0	0,0597	34,5	1,009	stainless steel	4C
T.025.040.0250.A	2,5	0,40	25,0	0,0531	44,3	1,197	music wire	4C
T.025.040.0250.I	2,5	0,40	25,0	0,0456	44,0	1,009	stainless steel	4C
T.025.040.0320.A	2,5	0,40	32,0	0,0400	57,7	1,197	music wire	4C
T.025.040.0320.I	2,5	0,40	32,0	0,0343	57,2	1,009	stainless steel	4C
T.025.050.0079.A	2,5	0,50	7,9	0,9044	9,9	2,195	music wire	4C
T.025.050.0079.I	2,5	0,50	7,9	0,7768	9,9	1,858	stainless steel	4C
T.025.050.0104.A	2,5	0,50	10,4	0,5767	13,6	2,195	music wire	4C
T.025.050.0104.I	2,5	0,50	10,4	0,4954	13,5	1,858	stainless steel	4C
T.025.050.0134.A	2,5	0,50	13,4	0,4020	18,0	2,195	music wire	4C
T.025.050.0134.I	2,5	0,50	13,4	0,3452	17,9	1,858	stainless steel	4C
T.025.050.0154.A	2,5	0,50	15,4	0,3344	20,9	2,195	music wire	4C
T.025.050.0154.I	2,5	0,50	15,4	0,2872	20,8	1,858	stainless steel	4C
T.025.050.0174.A	2,5	0,50	17,4	0,2863	23,8	2,195	music wire	4C
T.025.050.0174.I	2,5	0,50	17,4	0,2459	23,7	1,858	stainless steel	4C
T.027.018.0064.I	2,7	0,18	6,4	0,0067	19,8	0,094	stainless steel	4C
T.027.020.0062.A	2,7	0,20	6,2	0,0149	16,2	0,159	music wire	4C
T.027.020.0062.I	2,7	0,20	6,2	0,0128	15,9	0,132	stainless steel	4C
T.027.020.0088.A	2,7	0,20	8,8	0,0052	37,4	0,159	music wire	4C
T.027.020.0088.I	2,7	0,20	8,8	0,0045	36,5	0,132	stainless steel	4C
T.027.020.0095.A	2,7	0,20	9,5	0,0044	42,7	0,157	music wire	4C
T.027.020.0095.I	2,7	0,20	9,5	0,0038	40,7	0,127	stainless steel	4C
T.027.020.0118.A	2,7	0,20	11,8	0,0030	61,9	0,159	music wire	4C
T.027.020.0118.I	2,7	0,20	11,8	0,0026	60,3	0,132	stainless steel	4C
T.027.020.0150.A	2,7	0,20	15,0	0,0020	87,1	0,157	music wire	4C
T.027.020.0150.I	2,7	0,20	15,0	0,0018	82,6	0,127	stainless steel	4C
T.027.020.0180.A	2,7	0,20	18,0	0,0016	111,4	0,157	music wire	4C
T.027.020.0180.I	2,7	0,20	18,0	0,0014	105,5	0,127	stainless steel	4C
T.027.020.0245.A	2,7	0,20	24,5	0,0011	165,5	0,159	music wire	4C
T.027.020.0245.I	2,7	0,20	24,5	0,0009	161,0	0,132	stainless steel	4C
T.027.040.0370.A	2,7	0,40	37,0	0,0261	74,0	1,117	music wire	4C
T.027.040.0370.I	2,7	0,40	37,0	0,0225	73,3	0,941	stainless steel	4C
T.028.018.0064.A	2,8	0,18	6,4	0,0080	20,0	0,114	music wire	4C
T.028.018.0064.I	2,8	0,18	6,4	0,0069	19,6	0,095	stainless steel	4C
T.028.018.0079.I	2,8	0,18	7,9	0,0032	34,7	0,091	stainless steel	4C
T.028.018.0095.I	2,8	0,18	9,5	0,0021	51,3	0,091	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.028.018.0097.I	2,8	0,18	9,7	0,0020	53,4	0,091	stainless steel	4C
T.028.018.0111.I	2,8	0,18	11,1	0,0015	68,0	0,091	stainless steel	4C
T.028.018.0112.I	2,8	0,18	11,2	0,0015	69,0	0,091	stainless steel	4C
T.028.018.0127.I	2,8	0,18	12,7	0,0012	87,7	0,095	stainless steel	4C
T.028.020.0064.A	2,8	0,20	6,4	0,0132	17,2	0,152	music wire	4C
T.028.020.0064.I	2,8	0,20	6,4	0,0114	16,5	0,123	stainless steel	4C
T.028.020.0079.A	2,8	0,20	7,9	0,0064	30,3	0,152	music wire	4C
T.028.020.0079.I	2,8	0,20	7,9	0,0055	28,9	0,123	stainless steel	4C
T.028.020.0097.A	2,8	0,20	9,7	0,0039	46,0	0,152	music wire	4C
T.028.020.0097.I	2,8	0,20	9,7	0,0034	43,7	0,123	stainless steel	4C
T.028.020.0111.A	2,8	0,20	11,1	0,0030	58,7	0,154	music wire	4C
T.028.020.0111.I	2,8	0,20	11,1	0,0026	57,2	0,128	stainless steel	4C
T.028.020.0112.A	2,8	0,20	11,2	0,0030	59,0	0,152	music wire	4C
T.028.020.0112.I	2,8	0,20	11,2	0,0026	56,1	0,123	stainless steel	4C
T.028.020.0157.A	2,8	0,20	15,7	0,0017	98,3	0,152	music wire	4C
T.028.020.0157.I	2,8	0,20	15,7	0,0015	93,1	0,123	stainless steel	4C
T.028.020.0159.A	2,8	0,20	15,9	0,0017	100,0	0,152	music wire	4C
T.028.020.0159.I	2,8	0,20	15,9	0,0015	94,8	0,123	stainless steel	4C
T.028.020.0191.A	2,8	0,20	19,1	0,0013	127,9	0,152	music wire	4C
T.028.020.0191.I	2,8	0,20	19,1	0,0011	121,1	0,123	stainless steel	4C
T.028.020.0220.A	2,8	0,20	22,0	0,0011	153,2	0,152	music wire	4C
T.028.020.0220.I	2,8	0,20	22,0	0,0009	145,0	0,123	stainless steel	4C
T.028.025.0068.A	2,8	0,25	6,8	0,0308	15,4	0,289	music wire	4C
T.028.025.0068.I	2,8	0,25	6,8	0,0264	15,2	0,242	stainless steel	4C
T.028.025.0095.A	2,8	0,25	9,5	0,0129	29,9	0,286	music wire	4C
T.028.025.0095.I	2,8	0,25	9,5	0,0111	28,6	0,232	stainless steel	4C
T.028.025.0101.A	2,8	0,25	10,1	0,0114	33,3	0,289	music wire	4C
T.028.025.0101.I	2,8	0,25	10,1	0,0098	32,7	0,242	stainless steel	4C
T.028.025.0138.A	2,8	0,25	13,8	0,0067	53,4	0,289	music wire	4C
T.028.025.0138.I	2,8	0,25	13,8	0,0058	52,3	0,242	stainless steel	4C
T.028.025.0156.A	2,8	0,25	15,6	0,0056	63,1	0,289	music wire	4C
T.028.025.0156.I	2,8	0,25	15,6	0,0048	61,8	0,242	stainless steel	4C
T.028.025.0173.A	2,8	0,25	17,3	0,0048	72,4	0,289	music wire	4C
T.028.025.0173.I	2,8	0,25	17,3	0,0041	70,8	0,242	stainless steel	4C
T.028.025.0193.A	2,8	0,25	19,3	0,0042	83,2	0,289	music wire	4C
T.028.025.0193.I	2,8	0,25	19,3	0,0036	81,4	0,242	stainless steel	4C
T.028.025.0213.A	2,8	0,25	21,3	0,0036	94,0	0,289	music wire	4C
T.028.025.0213.I	2,8	0,25	21,3	0,0031	92,0	0,242	stainless steel	4C
T.028.025.0233.A	2,8	0,25	23,3	0,0033	104,9	0,289	music wire	4C
T.028.025.0233.I	2,8	0,25	23,3	0,0028	102,6	0,242	stainless steel	4C
T.028.028.0191.A	2,8	0,28	19,1	0,0076	66,3	0,399	music wire	4C
T.028.028.0191.I	2,8	0,28	19,1	0,0066	65,1	0,333	stainless steel	4C
T.028.030.0320.A	2,8	0,30	32,0	0,0058	106,9	0,484	music wire	4C
T.028.030.0320.I	2,8	0,30	32,0	0,0050	105,0	0,405	stainless steel	4C
T.028.032.0076.A	2,8	0,32	7,6	0,0757	14,4	0,580	music wire	4C
T.028.032.0076.I	2,8	0,32	7,6	0,0650	14,3	0,487	stainless steel	4C
T.028.032.0118.A	2,8	0,32	11,8	0,0313	28,3	0,580	music wire	4C
T.028.032.0118.I	2,8	0,32	11,8	0,0269	27,9	0,487	stainless steel	4C
T.028.032.0166.A	2,8	0,32	16,6	0,0187	44,2	0,580	music wire	4C
T.028.032.0166.I	2,8	0,32	16,6	0,0161	43,6	0,487	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.028.032.0189.A	2,8	0,32	18,9	0,0157	51,8	0,580	music wire	4C
T.028.032.0189.I	2,8	0,32	18,9	0,0135	51,0	0,487	stainless steel	4C
T.028.032.0211.A	2,8	0,32	21,1	0,0136	59,1	0,580	music wire	4C
T.028.032.0211.I	2,8	0,32	21,1	0,0117	58,2	0,487	stainless steel	4C
T.028.032.0237.A	2,8	0,32	23,7	0,0118	67,7	0,580	music wire	4C
T.028.032.0237.I	2,8	0,32	23,7	0,0101	66,7	0,487	stainless steel	4C
T.028.032.0262.A	2,8	0,32	26,2	0,0104	76,0	0,580	music wire	4C
T.028.032.0262.I	2,8	0,32	26,2	0,0089	74,8	0,487	stainless steel	4C
T.028.032.0288.A	2,8	0,32	28,8	0,0093	84,6	0,580	music wire	4C
T.028.032.0288.I	2,8	0,32	28,8	0,0080	83,3	0,487	stainless steel	4C
T.028.055.0087.A	2,8	0,55	8,7	0,9476	11,0	2,581	music wire	4C
T.028.055.0087.I	2,8	0,55	8,7	0,8139	10,9	2,189	stainless steel	4C
T.028.055.0121.A	2,8	0,55	12,1	0,5523	16,0	2,581	music wire	4C
T.028.055.0121.I	2,8	0,55	12,1	0,4744	16,0	2,189	stainless steel	4C
T.028.055.0170.A	2,8	0,55	17,0	0,3449	23,3	2,581	music wire	4C
T.028.055.0170.I	2,8	0,55	17,0	0,2963	23,2	2,189	stainless steel	4C
T.028.055.0253.A	2,8	0,55	25,3	0,2108	35,5	2,581	music wire	4C
T.028.055.0253.I	2,8	0,55	25,3	0,1811	35,4	2,189	stainless steel	4C
T.028.055.0363.A	2,8	0,55	36,3	0,1391	51,8	2,581	music wire	4C
T.028.055.0363.I	2,8	0,55	36,3	0,1195	51,6	2,189	stainless steel	4C
T.029.040.0085.A	2,9	0,40	8,5	0,1712	13,8	1,047	music wire	4C
T.029.040.0085.I	2,9	0,40	8,5	0,1470	13,7	0,882	stainless steel	4C
T.029.040.0140.A	2,9	0,40	14,0	0,0710	26,8	1,039	music wire	4C
T.029.040.0140.I	2,9	0,40	14,0	0,0610	26,0	0,847	stainless steel	4C
T.029.040.0187.A	2,9	0,40	18,7	0,0474	38,0	1,047	music wire	4C
T.029.040.0187.I	2,9	0,40	18,7	0,0407	37,6	0,882	stainless steel	4C
T.029.040.0197.A	2,9	0,40	19,7	0,0442	40,4	1,047	music wire	4C
T.029.040.0197.I	2,9	0,40	19,7	0,0380	40,0	0,882	stainless steel	4C
T.029.040.0226.A	2,9	0,40	22,6	0,0371	47,3	1,047	music wire	4C
T.029.040.0226.I	2,9	0,40	22,6	0,0319	46,8	0,882	stainless steel	4C
T.029.040.0253.A	2,9	0,40	25,3	0,0323	53,7	1,047	music wire	4C
T.029.040.0253.I	2,9	0,40	25,3	0,0277	53,1	0,882	stainless steel	4C
T.029.040.0285.A	2,9	0,40	28,5	0,0279	61,2	1,047	music wire	4C
T.029.040.0285.I	2,9	0,40	28,5	0,0240	60,6	0,882	stainless steel	4C
T.029.040.0349.A	2,9	0,40	34,9	0,0220	76,4	1,047	music wire	4C
T.029.040.0349.I	2,9	0,40	34,9	0,0189	75,6	0,882	stainless steel	4C
T.029.040.0420.A	2,9	0,40	42,0	0,0179	92,9	1,039	music wire	4C
T.029.040.0420.I	2,9	0,40	42,0	0,0153	89,9	0,847	stainless steel	4C
T.029.040.0500.A	2,9	0,40	50,0	0,0147	111,7	1,039	music wire	4C
T.029.040.0500.I	2,9	0,40	50,0	0,0126	108,2	0,847	stainless steel	4C
T.029.045.0068.A	2,9	0,45	6,8	0,5463	9,1	1,441	music wire	4C
T.029.045.0068.I	2,9	0,45	6,8	0,4692	8,9	1,176	stainless steel	4C
T.030.020.0086.A	3,0	0,20	8,6	0,0046	38,0	0,144	music wire	4C
T.030.020.0086.I	3,0	0,20	8,6	0,0040	37,1	0,120	stainless steel	4C
T.030.020.0130.A	3,0	0,20	13,0	0,0020	82,9	0,144	music wire	4C
T.030.020.0130.I	3,0	0,20	13,0	0,0017	80,7	0,120	stainless steel	4C
T.030.020.0174.A	3,0	0,20	17,4	0,0012	127,8	0,144	music wire	4C
T.030.020.0174.I	3,0	0,20	17,4	0,0011	124,3	0,120	stainless steel	4C
T.030.020.0218.A	3,0	0,20	21,8	0,0009	172,7	0,144	music wire	4C
T.030.020.0218.I	3,0	0,20	21,8	0,0008	167,9	0,120	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.035.0157.A	3,0	0,35	15,7	0,0267	39,0	0,699	music wire	4C
T.030.035.0157.I	3,0	0,35	15,7	0,0230	38,4	0,587	stainless steel	4C
T.030.035.0190.A	3,0	0,35	19,0	0,0205	49,4	0,699	music wire	4C
T.030.035.0190.I	3,0	0,35	19,0	0,0176	48,7	0,587	stainless steel	4C
T.030.035.0224.A	3,0	0,35	22,4	0,0165	60,1	0,699	music wire	4C
T.030.035.0224.I	3,0	0,35	22,4	0,0142	59,3	0,587	stainless steel	4C
T.030.035.0254.A	3,0	0,35	25,4	0,0141	69,6	0,699	music wire	4C
T.030.035.0254.I	3,0	0,35	25,4	0,0121	68,7	0,587	stainless steel	4C
T.030.035.0284.A	3,0	0,35	28,4	0,0123	79,1	0,699	music wire	4C
T.030.035.0284.I	3,0	0,35	28,4	0,0105	78,0	0,587	stainless steel	4C
T.030.035.0318.A	3,0	0,35	31,8	0,0107	89,9	0,699	music wire	4C
T.030.035.0318.I	3,0	0,35	31,8	0,0092	88,6	0,587	stainless steel	4C
T.030.035.0348.A	3,0	0,35	34,8	0,0096	99,4	0,699	music wire	4C
T.030.035.0348.I	3,0	0,35	34,8	0,0083	98,0	0,587	stainless steel	4C
T.030.035.0381.A	3,0	0,35	38,1	0,0087	109,8	0,699	music wire	4C
T.030.035.0381.I	3,0	0,35	38,1	0,0074	108,2	0,587	stainless steel	4C
T.030.036.0159.A	3,0	0,36	15,9	0,0305	37,9	0,756	music wire	4C
T.030.036.0159.I	3,0	0,36	15,9	0,0262	37,4	0,636	stainless steel	4C
T.030.036.0191.A	3,0	0,36	19,1	0,0236	47,5	0,756	music wire	4C
T.030.036.0191.I	3,0	0,36	19,1	0,0203	46,9	0,636	stainless steel	4C
T.030.036.0220.A	3,0	0,36	22,0	0,0196	56,2	0,756	music wire	4C
T.030.036.0220.I	3,0	0,36	22,0	0,0168	55,5	0,636	stainless steel	4C
T.030.036.0290.A	3,0	0,36	29,0	0,0139	77,3	0,756	music wire	4C
T.030.036.0290.I	3,0	0,36	29,0	0,0119	76,2	0,636	stainless steel	4C
T.030.036.0350.A	3,0	0,36	35,0	0,0111	95,3	0,756	music wire	4C
T.030.036.0350.I	3,0	0,36	35,0	0,0096	94,0	0,636	stainless steel	4C
T.030.036.0380.A	3,0	0,36	38,0	0,0101	104,3	0,756	music wire	4C
T.030.036.0380.I	3,0	0,36	38,0	0,0087	102,9	0,636	stainless steel	4C
T.030.040.0095.A	3,0	0,40	9,5	0,1263	16,5	1,015	music wire	4C
T.030.040.0095.I	3,0	0,40	9,5	0,1085	16,4	0,855	stainless steel	4C
T.030.040.0097.A	3,0	0,40	9,7	0,1211	17,0	1,015	music wire	4C
T.030.040.0097.I	3,0	0,40	9,7	0,1040	16,9	0,855	stainless steel	4C
T.030.040.0127.A	3,0	0,40	12,7	0,0751	24,5	1,015	music wire	4C
T.030.040.0127.I	3,0	0,40	12,7	0,0645	24,3	0,855	stainless steel	4C
T.030.040.0157.A	3,0	0,40	15,7	0,0545	32,0	1,015	music wire	4C
T.030.040.0157.I	3,0	0,40	15,7	0,0468	31,7	0,855	stainless steel	4C
T.030.040.0159.A	3,0	0,40	15,9	0,0535	32,5	1,015	music wire	4C
T.030.040.0159.I	3,0	0,40	15,9	0,0459	32,2	0,855	stainless steel	4C
T.030.040.0191.A	3,0	0,40	19,1	0,0415	40,5	1,015	music wire	4C
T.030.040.0191.I	3,0	0,40	19,1	0,0356	40,1	0,855	stainless steel	4C
T.030.040.0220.A	3,0	0,40	22,0	0,0345	47,8	1,015	music wire	4C
T.030.040.0220.I	3,0	0,40	22,0	0,0296	47,3	0,855	stainless steel	4C
T.030.040.0284.A	3,0	0,40	28,4	0,0252	63,8	1,015	music wire	4C
T.030.040.0284.I	3,0	0,40	28,4	0,0216	63,1	0,855	stainless steel	4C
T.030.040.0290.A	3,0	0,40	29,0	0,0245	65,3	1,015	music wire	4C
T.030.040.0290.I	3,0	0,40	29,0	0,0211	64,6	0,855	stainless steel	4C
T.030.040.0318.A	3,0	0,40	31,8	0,0220	72,3	1,015	music wire	4C
T.030.040.0318.I	3,0	0,40	31,8	0,0189	71,5	0,855	stainless steel	4C
T.030.040.0320.A	3,0	0,40	32,0	0,0218	72,8	1,015	music wire	4C
T.030.040.0320.I	3,0	0,40	32,0	0,0187	72,0	0,855	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.040.0348.A	3,0	0,40	34,8	0,0198	79,8	1,015	music wire	4C
T.030.040.0348.I	3,0	0,40	34,8	0,0170	78,9	0,855	stainless steel	4C
T.030.040.0350.A	3,0	0,40	35,0	0,0197	80,3	1,015	music wire	4C
T.030.040.0350.I	3,0	0,40	35,0	0,0169	79,4	0,855	stainless steel	4C
T.030.040.0380.A	3,0	0,40	38,0	0,0179	87,8	1,015	music wire	4C
T.030.040.0380.I	3,0	0,40	38,0	0,0154	86,8	0,855	stainless steel	4C
T.030.040.0381.A	3,0	0,40	38,1	0,0178	88,0	1,015	music wire	4C
T.030.040.0381.I	3,0	0,40	38,1	0,0153	87,1	0,855	stainless steel	4C
T.030.040.0444.A	3,0	0,40	44,4	0,0150	103,8	1,015	music wire	4C
T.030.040.0444.I	3,0	0,40	44,4	0,0129	102,6	0,855	stainless steel	4C
T.030.040.0450.A	3,0	0,40	45,0	0,0148	105,3	1,015	music wire	4C
T.030.040.0450.I	3,0	0,40	45,0	0,0127	104,1	0,855	stainless steel	4C
T.030.040.0480.A	3,0	0,40	48,0	0,0137	112,3	1,008	music wire	4C
T.030.040.0480.I	3,0	0,40	48,0	0,0118	108,6	0,821	stainless steel	4C
T.030.040.0500.A	3,0	0,40	50,0	0,0131	117,8	1,015	music wire	4C
T.030.040.0500.I	3,0	0,40	50,0	0,0113	116,5	0,855	stainless steel	4C
T.030.040.0508.A	3,0	0,40	50,8	0,0129	119,8	1,015	music wire	4C
T.030.040.0508.I	3,0	0,40	50,8	0,0111	118,4	0,855	stainless steel	4C
T.030.040.0630.A	3,0	0,40	63,0	0,0102	149,6	1,008	music wire	4C
T.030.040.0630.I	3,0	0,40	63,0	0,0088	144,7	0,821	stainless steel	4C
T.030.045.0095.A	3,0	0,45	9,5	0,2338	14,7	1,407	music wire	4C
T.030.045.0095.I	3,0	0,45	9,5	0,2008	14,6	1,188	stainless steel	4C
T.030.045.0097.A	3,0	0,45	9,7	0,2245	15,1	1,407	music wire	4C
T.030.045.0097.I	3,0	0,45	9,7	0,1928	15,0	1,188	stainless steel	4C
T.030.045.0127.A	3,0	0,45	12,7	0,1408	21,3	1,407	music wire	4C
T.030.045.0127.I	3,0	0,45	12,7	0,1210	21,2	1,188	stainless steel	4C
T.030.045.0157.A	3,0	0,45	15,7	0,1026	27,6	1,407	music wire	4C
T.030.045.0157.I	3,0	0,45	15,7	0,0881	27,4	1,188	stainless steel	4C
T.030.045.0159.A	3,0	0,45	15,9	0,1008	28,0	1,407	music wire	4C
T.030.045.0159.I	3,0	0,45	15,9	0,0866	27,8	1,188	stainless steel	4C
T.030.045.0182.A	3,0	0,45	18,2	0,0837	32,6	1,398	music wire	4C
T.030.045.0182.I	3,0	0,45	18,2	0,0719	31,8	1,140	stainless steel	4C
T.030.045.0190.A	3,0	0,45	19,0	0,0790	34,4	1,407	music wire	4C
T.030.045.0190.I	3,0	0,45	19,0	0,0679	34,1	1,188	stainless steel	4C
T.030.045.0191.A	3,0	0,45	19,1	0,0785	34,6	1,407	music wire	4C
T.030.045.0191.I	3,0	0,45	19,1	0,0674	34,4	1,188	stainless steel	4C
T.030.045.0220.A	3,0	0,45	22,0	0,0653	40,6	1,407	music wire	4C
T.030.045.0220.I	3,0	0,45	22,0	0,0561	40,3	1,188	stainless steel	4C
T.030.045.0224.A	3,0	0,45	22,4	0,0639	41,5	1,407	music wire	4C
T.030.045.0224.I	3,0	0,45	22,4	0,0549	41,1	1,188	stainless steel	4C
T.030.045.0250.A	3,0	0,45	25,0	0,0557	46,8	1,407	music wire	4C
T.030.045.0250.I	3,0	0,45	25,0	0,0479	46,5	1,188	stainless steel	4C
T.030.045.0254.A	3,0	0,45	25,4	0,0546	47,7	1,407	music wire	4C
T.030.045.0254.I	3,0	0,45	25,4	0,0469	47,3	1,188	stainless steel	4C
T.030.045.0284.A	3,0	0,45	28,4	0,0477	53,9	1,407	music wire	4C
T.030.045.0284.I	3,0	0,45	28,4	0,0410	53,5	1,188	stainless steel	4C
T.030.045.0290.A	3,0	0,45	29,0	0,0466	55,1	1,407	music wire	4C
T.030.045.0290.I	3,0	0,45	29,0	0,0400	54,7	1,188	stainless steel	4C
T.030.045.0318.A	3,0	0,45	31,8	0,0418	60,9	1,407	music wire	4C
T.030.045.0318.I	3,0	0,45	31,8	0,0359	60,5	1,188	stainless steel	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.045.0320.A	3,0	0,45	32,0	0,0415	61,4	1,407	music wire	4C
T.030.045.0320.I	3,0	0,45	32,0	0,0356	60,9	1,188	stainless steel	4C
T.030.045.0348.A	3,0	0,45	34,8	0,0376	67,2	1,407	music wire	4C
T.030.045.0348.I	3,0	0,45	34,8	0,0323	66,6	1,188	stainless steel	4C
T.030.045.0350.A	3,0	0,45	35,0	0,0374	67,6	1,407	music wire	4C
T.030.045.0350.I	3,0	0,45	35,0	0,0321	67,0	1,188	stainless steel	4C
T.030.045.0360.A	3,0	0,45	36,0	0,0361	69,5	1,398	music wire	4C
T.030.045.0360.I	3,0	0,45	36,0	0,0310	67,6	1,140	stainless steel	4C
T.030.045.0380.A	3,0	0,45	38,0	0,0340	73,8	1,407	music wire	4C
T.030.045.0380.I	3,0	0,45	38,0	0,0292	73,2	1,188	stainless steel	4C
T.030.045.0381.A	3,0	0,45	38,1	0,0339	74,0	1,407	music wire	4C
T.030.045.0381.I	3,0	0,45	38,1	0,0291	73,4	1,188	stainless steel	4C
T.030.045.0430.A	3,0	0,45	43,0	0,0296	83,9	1,398	music wire	4C
T.030.045.0430.I	3,0	0,45	43,0	0,0254	81,6	1,140	stainless steel	4C
T.030.045.0444.A	3,0	0,45	44,4	0,0285	87,1	1,407	music wire	4C
T.030.045.0444.I	3,0	0,45	44,4	0,0245	86,4	1,188	stainless steel	4C
T.030.045.0450.A	3,0	0,45	45,0	0,0281	88,3	1,407	music wire	4C
T.030.045.0450.I	3,0	0,45	45,0	0,0241	87,6	1,188	stainless steel	4C
T.030.045.0500.A	3,0	0,45	50,0	0,0250	98,7	1,407	music wire	4C
T.030.045.0500.I	3,0	0,45	50,0	0,0215	97,9	1,188	stainless steel	4C
T.030.045.0508.A	3,0	0,45	50,8	0,0246	100,3	1,407	music wire	4C
T.030.045.0508.I	3,0	0,45	50,8	0,0211	99,5	1,188	stainless steel	4C
T.030.045.0570.A	3,0	0,45	57,0	0,0217	113,2	1,407	music wire	4C
T.030.045.0570.I	3,0	0,45	57,0	0,0186	112,2	1,188	stainless steel	4C
T.030.045.0572.A	3,0	0,45	57,2	0,0216	113,6	1,407	music wire	4C
T.030.045.0572.I	3,0	0,45	57,2	0,0185	112,7	1,188	stainless steel	4C
T.030.045.0635.A	3,0	0,45	63,5	0,0193	126,3	1,398	music wire	4C
T.030.045.0635.I	3,0	0,45	63,5	0,0165	122,7	1,140	stainless steel	4C
T.030.050.0097.A	3,0	0,50	9,7	0,3918	13,8	1,879	music wire	4C
T.030.050.0097.I	3,0	0,50	9,7	0,3365	13,7	1,590	stainless steel	4C
T.030.050.0119.A	3,0	0,50	11,9	0,2753	17,7	1,868	music wire	4C
T.030.050.0119.I	3,0	0,50	11,9	0,2365	17,4	1,527	stainless steel	4C
T.030.050.0127.A	3,0	0,50	12,7	0,2485	19,2	1,879	music wire	4C
T.030.050.0127.I	3,0	0,50	12,7	0,2134	19,1	1,590	stainless steel	4C
T.030.050.0143.A	3,0	0,50	14,3	0,2079	22,0	1,868	music wire	4C
T.030.050.0143.I	3,0	0,50	14,3	0,1786	21,6	1,527	stainless steel	4C
T.030.050.0157.A	3,0	0,50	15,7	0,1819	24,5	1,868	music wire	4C
T.030.050.0157.I	3,0	0,50	15,7	0,1563	24,0	1,527	stainless steel	4C
T.030.050.0159.A	3,0	0,50	15,9	0,1787	24,9	1,879	music wire	4C
T.030.050.0159.I	3,0	0,50	15,9	0,1535	24,8	1,590	stainless steel	4C
T.030.050.0162.A	3,0	0,50	16,2	0,1741	25,4	1,879	music wire	4C
T.030.050.0162.I	3,0	0,50	16,2	0,1496	25,3	1,590	stainless steel	4C
T.030.050.0167.A	3,0	0,50	16,7	0,1670	26,3	1,868	music wire	4C
T.030.050.0167.I	3,0	0,50	16,7	0,1434	25,7	1,527	stainless steel	4C
T.030.050.0182.A	3,0	0,50	18,2	0,1487	28,9	1,868	music wire	4C
T.030.050.0182.I	3,0	0,50	18,2	0,1277	28,3	1,527	stainless steel	4C
T.030.050.0190.A	3,0	0,50	19,0	0,1405	30,4	1,879	music wire	4C
T.030.050.0190.I	3,0	0,50	19,0	0,1207	30,3	1,590	stainless steel	4C
T.030.050.0191.A	3,0	0,50	19,1	0,1396	30,6	1,879	music wire	4C
T.030.050.0191.I	3,0	0,50	19,1	0,1199	30,4	1,590	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.050.0220.A	3,0	0,50	22,0	0,1164	35,8	1,879	music wire	4C
T.030.050.0220.I	3,0	0,50	22,0	0,1000	35,6	1,590	stainless steel	4C
T.030.050.0224.A	3,0	0,50	22,4	0,1138	36,5	1,879	music wire	4C
T.030.050.0224.I	3,0	0,50	22,4	0,0978	36,3	1,590	stainless steel	4C
T.030.050.0237.A	3,0	0,50	23,7	0,1061	38,8	1,879	music wire	4C
T.030.050.0237.I	3,0	0,50	23,7	0,0911	38,6	1,590	stainless steel	4C
T.030.050.0240.A	3,0	0,50	24,0	0,1045	39,3	1,868	music wire	4C
T.030.050.0240.I	3,0	0,50	24,0	0,0897	38,4	1,527	stainless steel	4C
T.030.050.0250.A	3,0	0,50	25,0	0,0994	41,2	1,879	music wire	4C
T.030.050.0250.I	3,0	0,50	25,0	0,0854	40,9	1,590	stainless steel	4C
T.030.050.0254.A	3,0	0,50	25,4	0,0975	41,9	1,879	music wire	4C
T.030.050.0254.I	3,0	0,50	25,4	0,0837	41,6	1,590	stainless steel	4C
T.030.050.0280.A	3,0	0,50	28,0	0,0867	46,5	1,879	music wire	4C
T.030.050.0280.I	3,0	0,50	28,0	0,0745	46,2	1,590	stainless steel	4C
T.030.050.0284.A	3,0	0,50	28,4	0,0853	47,1	1,868	music wire	4C
T.030.050.0284.I	3,0	0,50	28,4	0,0732	46,1	1,527	stainless steel	4C
T.030.050.0290.A	3,0	0,50	29,0	0,0832	48,3	1,879	music wire	4C
T.030.050.0290.I	3,0	0,50	29,0	0,0714	48,0	1,590	stainless steel	4C
T.030.050.0296.A	3,0	0,50	29,6	0,0812	49,3	1,868	music wire	4C
T.030.050.0296.I	3,0	0,50	29,6	0,0697	48,2	1,527	stainless steel	4C
T.030.050.0315.A	3,0	0,50	31,5	0,0755	52,8	1,879	music wire	4C
T.030.050.0315.I	3,0	0,50	31,5	0,0648	52,5	1,590	stainless steel	4C
T.030.050.0320.A	3,0	0,50	32,0	0,0741	53,7	1,879	music wire	4C
T.030.050.0320.I	3,0	0,50	32,0	0,0636	53,4	1,590	stainless steel	4C
T.030.050.0348.A	3,0	0,50	34,8	0,0672	58,5	1,868	music wire	4C
T.030.050.0348.I	3,0	0,50	34,8	0,0578	57,2	1,527	stainless steel	4C
T.030.050.0350.A	3,0	0,50	35,0	0,0668	59,0	1,879	music wire	4C
T.030.050.0350.I	3,0	0,50	35,0	0,0574	58,7	1,590	stainless steel	4C
T.030.050.0355.A	3,0	0,50	35,5	0,0657	59,9	1,879	music wire	4C
T.030.050.0355.I	3,0	0,50	35,5	0,0565	59,6	1,590	stainless steel	4C
T.030.050.0360.A	3,0	0,50	36,0	0,0647	60,7	1,868	music wire	4C
T.030.050.0360.I	3,0	0,50	36,0	0,0556	59,3	1,527	stainless steel	4C
T.030.050.0380.A	3,0	0,50	38,0	0,0608	64,4	1,879	music wire	4C
T.030.050.0380.I	3,0	0,50	38,0	0,0522	64,0	1,590	stainless steel	4C
T.030.050.0381.A	3,0	0,50	38,1	0,0606	64,6	1,879	music wire	4C
T.030.050.0381.I	3,0	0,50	38,1	0,0521	64,2	1,590	stainless steel	4C
T.030.050.0395.A	3,0	0,50	39,5	0,0582	67,1	1,879	music wire	4C
T.030.050.0395.I	3,0	0,50	39,5	0,0500	66,7	1,590	stainless steel	4C
T.030.050.0435.A	3,0	0,50	43,5	0,0522	74,2	1,879	music wire	4C
T.030.050.0435.I	3,0	0,50	43,5	0,0449	73,8	1,590	stainless steel	4C
T.030.050.0450.A	3,0	0,50	45,0	0,0503	76,9	1,879	music wire	4C
T.030.050.0450.I	3,0	0,50	45,0	0,0432	76,4	1,590	stainless steel	4C
T.030.050.0451.A	3,0	0,50	45,1	0,0502	76,9	1,868	music wire	4C
T.030.050.0451.I	3,0	0,50	45,1	0,0431	75,1	1,527	stainless steel	4C
T.030.050.0480.A	3,0	0,50	48,0	0,0468	82,1	1,868	music wire	4C
T.030.050.0480.I	3,0	0,50	48,0	0,0402	80,2	1,527	stainless steel	4C
T.030.050.0500.A	3,0	0,50	50,0	0,0448	85,8	1,879	music wire	4C
T.030.050.0500.I	3,0	0,50	50,0	0,0385	85,3	1,590	stainless steel	4C
T.030.050.0508.A	3,0	0,50	50,8	0,0440	87,3	1,879	music wire	4C
T.030.050.0508.I	3,0	0,50	50,8	0,0378	86,8	1,590	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.050.0540.A	3,0	0,50	54,0	0,0412	92,8	1,868	music wire	4C
T.030.050.0540.I	3,0	0,50	54,0	0,0354	90,6	1,527	stainless steel	4C
T.030.050.0570.A	3,0	0,50	57,0	0,0388	98,4	1,879	music wire	4C
T.030.050.0570.I	3,0	0,50	57,0	0,0333	97,8	1,590	stainless steel	4C
T.030.050.0572.A	3,0	0,50	57,2	0,0387	98,7	1,879	music wire	4C
T.030.050.0572.I	3,0	0,50	57,2	0,0332	98,1	1,590	stainless steel	4C
T.030.050.0630.A	3,0	0,50	63,0	0,0348	108,8	1,868	music wire	4C
T.030.050.0630.I	3,0	0,50	63,0	0,0299	106,3	1,527	stainless steel	4C
T.030.050.0635.A	3,0	0,50	63,5	0,0345	109,7	1,868	music wire	4C
T.030.050.0635.I	3,0	0,50	63,5	0,0297	107,2	1,527	stainless steel	4C
T.030.055.0157.A	3,0	0,55	15,7	0,3072	22,4	2,435	music wire	4C
T.030.055.0157.I	3,0	0,55	15,7	0,2638	22,3	2,066	stainless steel	4C
T.030.055.0182.A	3,0	0,55	18,2	0,2515	26,3	2,424	music wire	4C
T.030.055.0182.I	3,0	0,55	18,2	0,2161	25,9	1,983	stainless steel	4C
T.030.055.0190.A	3,0	0,55	19,0	0,2380	27,6	2,435	music wire	4C
T.030.055.0190.I	3,0	0,55	19,0	0,2044	27,5	2,066	stainless steel	4C
T.030.055.0221.A	3,0	0,55	22,1	0,1963	32,5	2,424	music wire	4C
T.030.055.0221.I	3,0	0,55	22,1	0,1686	32,0	1,983	stainless steel	4C
T.030.055.0224.A	3,0	0,55	22,4	0,1932	33,0	2,435	music wire	4C
T.030.055.0224.I	3,0	0,55	22,4	0,1659	32,9	2,066	stainless steel	4C
T.030.055.0254.A	3,0	0,55	25,4	0,1656	37,8	2,435	music wire	4C
T.030.055.0254.I	3,0	0,55	25,4	0,1423	37,7	2,066	stainless steel	4C
T.030.055.0260.A	3,0	0,55	26,0	0,1609	38,7	2,424	music wire	4C
T.030.055.0260.I	3,0	0,55	26,0	0,1382	38,0	1,983	stainless steel	4C
T.030.055.0284.A	3,0	0,55	28,4	0,1450	42,6	2,435	music wire	4C
T.030.055.0284.I	3,0	0,55	28,4	0,1245	42,4	2,066	stainless steel	4C
T.030.055.0318.A	3,0	0,55	31,8	0,1270	48,0	2,435	music wire	4C
T.030.055.0318.I	3,0	0,55	31,8	0,1091	47,8	2,066	stainless steel	4C
T.030.055.0348.A	3,0	0,55	34,8	0,1145	52,8	2,435	music wire	4C
T.030.055.0348.I	3,0	0,55	34,8	0,0983	52,5	2,066	stainless steel	4C
T.030.055.0381.A	3,0	0,55	38,1	0,1033	58,0	2,435	music wire	4C
T.030.055.0381.I	3,0	0,55	38,1	0,0887	57,8	2,066	stainless steel	4C
T.030.055.0430.A	3,0	0,55	43,0	0,0902	65,7	2,424	music wire	4C
T.030.055.0430.I	3,0	0,55	43,0	0,0774	64,4	1,983	stainless steel	4C
T.030.055.0444.A	3,0	0,55	44,4	0,0871	68,0	2,435	music wire	4C
T.030.055.0444.I	3,0	0,55	44,4	0,0748	67,7	2,066	stainless steel	4C
T.030.055.0508.A	3,0	0,55	50,8	0,0751	78,2	2,435	music wire	4C
T.030.055.0508.I	3,0	0,55	50,8	0,0645	77,8	2,066	stainless steel	4C
T.030.055.0520.A	3,0	0,55	52,0	0,0732	79,9	2,424	music wire	4C
T.030.055.0520.I	3,0	0,55	52,0	0,0629	78,4	1,983	stainless steel	4C
T.030.055.0550.A	3,0	0,55	55,0	0,0688	84,7	2,424	music wire	4C
T.030.055.0550.I	3,0	0,55	55,0	0,0591	83,1	1,983	stainless steel	4C
T.030.055.0572.A	3,0	0,55	57,2	0,0660	88,4	2,435	music wire	4C
T.030.055.0572.I	3,0	0,55	57,2	0,0567	88,0	2,066	stainless steel	4C
T.030.055.0630.A	3,0	0,55	63,0	0,0595	97,4	2,424	music wire	4C
T.030.055.0630.I	3,0	0,55	63,0	0,0511	95,5	1,983	stainless steel	4C
T.030.055.0635.A	3,0	0,55	63,5	0,0589	98,4	2,435	music wire	4C
T.030.055.0635.I	3,0	0,55	63,5	0,0506	97,9	2,066	stainless steel	4C
T.030.056.0159.A	3,0	0,56	15,9	0,3335	22,4	2,557	music wire	4C
T.030.056.0159.I	3,0	0,56	15,9	0,2865	22,3	2,170	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.030.056.0191.A	3,0	0,56	19,1	0,2613	27,3	2,557	music wire	4C
T.030.056.0191.I	3,0	0,56	19,1	0,2244	27,2	2,170	stainless steel	4C
T.030.056.0220.A	3,0	0,56	22,0	0,2185	31,9	2,557	music wire	4C
T.030.056.0220.I	3,0	0,56	22,0	0,1876	31,7	2,170	stainless steel	4C
T.030.056.0240.A	3,0	0,56	24,0	0,1965	34,9	2,545	music wire	4C
T.030.056.0240.I	3,0	0,56	24,0	0,1688	34,3	2,083	stainless steel	4C
T.030.056.0250.A	3,0	0,56	25,0	0,1868	36,5	2,557	music wire	4C
T.030.056.0250.I	3,0	0,56	25,0	0,1604	36,4	2,170	stainless steel	4C
T.030.056.0260.A	3,0	0,56	26,0	0,1782	38,0	2,545	music wire	4C
T.030.056.0260.I	3,0	0,56	26,0	0,1531	37,4	2,083	stainless steel	4C
T.030.056.0290.A	3,0	0,56	29,0	0,1565	42,8	2,557	music wire	4C
T.030.056.0290.I	3,0	0,56	29,0	0,1344	42,6	2,170	stainless steel	4C
T.030.056.0320.A	3,0	0,56	32,0	0,1395	47,4	2,557	music wire	4C
T.030.056.0320.I	3,0	0,56	32,0	0,1198	47,2	2,170	stainless steel	4C
T.030.056.0350.A	3,0	0,56	35,0	0,1259	52,1	2,557	music wire	4C
T.030.056.0350.I	3,0	0,56	35,0	0,1081	51,9	2,170	stainless steel	4C
T.030.056.0380.A	3,0	0,56	38,0	0,1147	56,8	2,557	music wire	4C
T.030.056.0380.I	3,0	0,56	38,0	0,0985	56,5	2,170	stainless steel	4C
T.030.056.0450.A	3,0	0,56	45,0	0,0949	67,7	2,557	music wire	4C
T.030.056.0450.I	3,0	0,56	45,0	0,0815	67,4	2,170	stainless steel	4C
T.030.056.0500.A	3,0	0,56	50,0	0,0846	75,5	2,557	music wire	4C
T.030.056.0500.I	3,0	0,56	50,0	0,0726	75,2	2,170	stainless steel	4C
T.030.056.0570.A	3,0	0,56	57,0	0,0733	86,4	2,557	music wire	4C
T.030.056.0570.I	3,0	0,56	57,0	0,0630	86,0	2,170	stainless steel	4C
T.030.056.0640.A	3,0	0,56	64,0	0,0647	97,3	2,557	music wire	4C
T.030.056.0640.I	3,0	0,56	64,0	0,0556	96,9	2,170	stainless steel	4C
T.030.065.0090.A	3,0	0,65	9,0	1,8400	10,7	3,808	music wire	4C
T.030.065.0090.I	3,0	0,65	9,0	1,5804	10,7	3,242	stainless steel	4C
T.030.065.0097.A	3,0	0,65	9,7	1,6121	11,6	3,808	music wire	4C
T.030.065.0097.I	3,0	0,65	9,7	1,3846	11,6	3,242	stainless steel	4C
T.030.065.0128.A	3,0	0,65	12,8	1,0409	15,8	3,808	music wire	4C
T.030.065.0128.I	3,0	0,65	12,8	0,8941	15,8	3,242	stainless steel	4C
T.030.065.0178.A	3,0	0,65	17,8	0,6624	22,5	3,808	music wire	4C
T.030.065.0178.I	3,0	0,65	17,8	0,5689	22,5	3,242	stainless steel	4C
T.030.065.0192.A	3,0	0,65	19,2	0,6000	24,4	3,808	music wire	4C
T.030.065.0192.I	3,0	0,65	19,2	0,5164	24,4	3,242	stainless steel	4C
T.031.032.0182.A	3,1	0,32	18,2	0,0123	56,9	0,527	music wire	4C
T.031.032.0182.I	3,1	0,32	18,2	0,0105	56,0	0,442	stainless steel	4C
T.031.032.0250.A	3,1	0,32	25,0	0,0081	84,0	0,527	music wire	4C
T.031.032.0250.I	3,1	0,32	25,0	0,0069	82,6	0,442	stainless steel	4C
T.031.032.0380.A	3,1	0,32	38,0	0,0049	135,9	0,527	music wire	4C
T.031.032.0380.I	3,1	0,32	38,0	0,0042	133,6	0,442	stainless steel	4C
T.031.032.0500.A	3,1	0,32	50,0	0,0036	183,7	0,527	music wire	4C
T.031.032.0500.I	3,1	0,32	50,0	0,0031	180,6	0,442	stainless steel	4C
T.031.040.0127.A	3,1	0,40	12,7	0,0688	25,3	0,985	music wire	4C
T.031.040.0127.I	3,1	0,40	12,7	0,0591	25,0	0,830	stainless steel	4C
T.031.040.0159.A	3,1	0,40	15,9	0,0486	33,7	0,985	music wire	4C
T.031.040.0159.I	3,1	0,40	15,9	0,0418	33,4	0,830	stainless steel	4C
T.031.040.0190.A	3,1	0,40	19,0	0,0379	41,9	0,985	music wire	4C
T.031.040.0190.I	3,1	0,40	19,0	0,0325	41,4	0,830	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.031.040.0191.A	3,1	0,40	19,1	0,0376	42,1	0,985	music wire	4C
T.031.040.0191.I	3,1	0,40	19,1	0,0323	41,7	0,830	stainless steel	4C
T.031.040.0220.A	3,1	0,40	22,0	0,0312	49,8	0,985	music wire	4C
T.031.040.0220.I	3,1	0,40	22,0	0,0268	49,3	0,830	stainless steel	4C
T.031.040.0250.A	3,1	0,40	25,0	0,0265	57,7	0,985	music wire	4C
T.031.040.0250.I	3,1	0,40	25,0	0,0228	57,1	0,830	stainless steel	4C
T.031.040.0290.A	3,1	0,40	29,0	0,0221	68,2	0,985	music wire	4C
T.031.040.0290.I	3,1	0,40	29,0	0,0190	67,5	0,830	stainless steel	4C
T.031.040.0350.A	3,1	0,40	35,0	0,0177	84,0	0,985	music wire	4C
T.031.040.0350.I	3,1	0,40	35,0	0,0152	83,1	0,830	stainless steel	4C
T.031.040.1020.A	3,1	0,40	102,0	0,0055	260,6	0,985	music wire	4C
T.031.040.1020.I	3,1	0,40	102,0	0,0047	257,5	0,830	stainless steel	4C
T.031.045.0250.A	3,1	0,45	25,0	0,0500	48,7	1,365	music wire	4C
T.031.045.0250.I	3,1	0,45	25,0	0,0431	48,3	1,153	stainless steel	4C
T.031.045.0350.A	3,1	0,45	35,0	0,0335	70,4	1,365	music wire	4C
T.031.045.0350.I	3,1	0,45	35,0	0,0288	69,8	1,153	stainless steel	4C
T.031.045.0480.A	3,1	0,45	48,0	0,0234	98,7	1,365	music wire	4C
T.031.045.0480.I	3,1	0,45	48,0	0,0201	97,8	1,153	stainless steel	4C
T.031.045.0640.A	3,1	0,45	64,0	0,0171	133,4	1,365	music wire	4C
T.031.045.0640.I	3,1	0,45	64,0	0,0147	132,3	1,153	stainless steel	4C
T.031.050.0103.A	3,1	0,50	10,3	0,3235	15,1	1,825	music wire	4C
T.031.050.0103.I	3,1	0,50	10,3	0,2778	15,1	1,545	stainless steel	4C
T.031.050.0290.A	3,1	0,50	29,0	0,0745	50,0	1,825	music wire	4C
T.031.050.0290.I	3,1	0,50	29,0	0,0640	49,7	1,545	stainless steel	4C
T.031.050.0500.A	3,1	0,50	50,0	0,0400	89,2	1,825	music wire	4C
T.031.050.0500.I	3,1	0,50	50,0	0,0343	88,6	1,545	stainless steel	4C
T.031.050.3050.A	3,1	0,50	305,0	0,0060	564,6	1,825	music wire	4C
T.031.050.3050.I	3,1	0,50	305,0	0,0052	560,8	1,545	stainless steel	4D
T.031.065.0500.A	3,1	0,65	50,0	0,1757	67,5	3,710	music wire	4C
T.031.065.0500.I	3,1	0,65	50,0	0,1509	67,3	3,159	stainless steel	4C
T.032.020.0095.A	3,2	0,20	9,5	0,0033	49,2	0,135	music wire	4C
T.032.020.0095.I	3,2	0,20	9,5	0,0028	47,9	0,112	stainless steel	4C
T.032.025.0182.A	3,2	0,25	18,2	0,0031	95,0	0,255	music wire	4C
T.032.025.0182.I	3,2	0,25	18,2	0,0027	92,8	0,212	stainless steel	4C
T.032.025.0380.A	3,2	0,25	38,0	0,0012	235,9	0,255	music wire	4C
T.032.025.0380.I	3,2	0,25	38,0	0,0010	230,3	0,212	stainless steel	4C
T.032.028.0111.A	3,2	0,28	11,1	0,0127	36,5	0,351	music wire	4C
T.032.028.0111.I	3,2	0,28	11,1	0,0109	35,8	0,293	stainless steel	4C
T.032.028.0143.A	3,2	0,28	14,3	0,0081	54,3	0,351	music wire	4C
T.032.028.0143.I	3,2	0,28	14,3	0,0069	53,3	0,293	stainless steel	4C
T.032.030.0103.A	3,2	0,30	10,3	0,0211	28,7	0,426	music wire	4C
T.032.030.0103.I	3,2	0,30	10,3	0,0182	28,2	0,357	stainless steel	4C
T.032.030.0380.A	3,2	0,30	38,0	0,0031	162,4	0,426	music wire	4C
T.032.030.0380.I	3,2	0,30	38,0	0,0027	159,4	0,357	stainless steel	4C
T.032.030.0410.A	3,2	0,30	41,0	0,0029	176,9	0,426	music wire	4C
T.032.030.0410.I	3,2	0,30	41,0	0,0025	173,6	0,357	stainless steel	4C
T.032.030.0570.A	3,2	0,30	57,0	0,0020	254,2	0,426	music wire	4C
T.032.030.0570.I	3,2	0,30	57,0	0,0017	249,3	0,357	stainless steel	4C
T.032.035.0125.A	3,2	0,35	12,5	0,0323	30,7	0,658	music wire	4C
T.032.035.0125.I	3,2	0,35	12,5	0,0278	30,3	0,553	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.032.035.0160.A	3,2	0,35	16,0	0,0217	43,2	0,658	music wire	4C
T.032.035.0160.I	3,2	0,35	16,0	0,0186	42,6	0,553	stainless steel	4C
T.032.035.0200.A	3,2	0,35	20,0	0,0158	57,4	0,658	music wire	4C
T.032.035.0200.I	3,2	0,35	20,0	0,0136	56,5	0,553	stainless steel	4C
T.032.035.0250.A	3,2	0,35	25,0	0,0118	75,1	0,658	music wire	4C
T.032.035.0250.I	3,2	0,35	25,0	0,0101	74,0	0,553	stainless steel	4C
T.032.035.0320.A	3,2	0,35	32,0	0,0087	100,0	0,658	music wire	4C
T.032.035.0320.I	3,2	0,35	32,0	0,0074	98,5	0,553	stainless steel	4C
T.032.035.0400.A	3,2	0,35	40,0	0,0067	128,4	0,658	music wire	4C
T.032.035.0400.I	3,2	0,35	40,0	0,0057	126,4	0,553	stainless steel	4C
T.032.035.0500.A	3,2	0,35	50,0	0,0052	163,9	0,658	music wire	4C
T.032.035.0500.I	3,2	0,35	50,0	0,0044	161,4	0,553	stainless steel	4C
T.032.035.3600.A	3,2	0,35	360,0	0,0007	1264,5	0,658	music wire	4C
T.032.035.3600.I	3,2	0,35	360,0	0,0006	1244,9	0,553	stainless steel	4D
T.032.036.0111.A	3,2	0,36	11,1	0,0465	24,8	0,712	music wire	4C
T.032.036.0111.I	3,2	0,36	11,1	0,0400	24,5	0,599	stainless steel	4C
T.032.036.0127.A	3,2	0,36	12,7	0,0364	30,2	0,712	music wire	4C
T.032.036.0127.I	3,2	0,36	12,7	0,0313	29,8	0,599	stainless steel	4C
T.032.036.0159.A	3,2	0,36	15,9	0,0254	40,9	0,712	music wire	4C
T.032.036.0159.I	3,2	0,36	15,9	0,0218	40,4	0,599	stainless steel	4C
T.032.036.0290.A	3,2	0,36	29,0	0,0114	85,0	0,712	music wire	4C
T.032.036.0290.I	3,2	0,36	29,0	0,0098	83,8	0,599	stainless steel	4C
T.032.036.0320.A	3,2	0,36	32,0	0,0101	95,1	0,712	music wire	4C
T.032.036.0320.I	3,2	0,36	32,0	0,0087	93,8	0,599	stainless steel	4C
T.032.036.0350.A	3,2	0,36	35,0	0,0091	105,2	0,712	music wire	4C
T.032.036.0350.I	3,2	0,36	35,0	0,0078	103,7	0,599	stainless steel	4C
T.032.036.0380.A	3,2	0,36	38,0	0,0082	115,3	0,712	music wire	4C
T.032.036.0380.I	3,2	0,36	38,0	0,0071	113,6	0,599	stainless steel	4C
T.032.036.0410.A	3,2	0,36	41,0	0,0075	125,4	0,712	music wire	4C
T.032.036.0410.I	3,2	0,36	41,0	0,0065	123,6	0,599	stainless steel	4C
T.032.036.0480.A	3,2	0,36	48,0	0,0063	148,9	0,712	music wire	4C
T.032.036.0480.I	3,2	0,36	48,0	0,0054	146,8	0,599	stainless steel	4C
T.032.036.0640.A	3,2	0,36	64,0	0,0046	202,8	0,712	music wire	4C
T.032.036.0640.I	3,2	0,36	64,0	0,0039	199,8	0,599	stainless steel	4C
T.032.040.0119.A	3,2	0,40	11,9	0,0709	23,8	0,956	music wire	4C
T.032.040.0119.I	3,2	0,40	11,9	0,0609	23,6	0,805	stainless steel	4C
T.032.040.0125.A	3,2	0,40	12,5	0,0651	25,5	0,956	music wire	4C
T.032.040.0125.I	3,2	0,40	12,5	0,0559	25,2	0,805	stainless steel	4C
T.032.040.0160.A	3,2	0,40	16,0	0,0440	35,2	0,956	music wire	4C
T.032.040.0160.I	3,2	0,40	16,0	0,0378	34,8	0,805	stainless steel	4C
T.032.040.0180.A	3,2	0,40	18,0	0,0371	40,7	0,956	music wire	4C
T.032.040.0180.I	3,2	0,40	18,0	0,0319	40,3	0,805	stainless steel	4C
T.032.040.0191.A	3,2	0,40	19,1	0,0342	43,8	0,956	music wire	4C
T.032.040.0191.I	3,2	0,40	19,1	0,0294	43,3	0,805	stainless steel	4C
T.032.040.0200.A	3,2	0,40	20,0	0,0321	46,3	0,956	music wire	4C
T.032.040.0200.I	3,2	0,40	20,0	0,0276	45,8	0,805	stainless steel	4C
T.032.040.0250.A	3,2	0,40	25,0	0,0240	60,2	0,956	music wire	4C
T.032.040.0250.I	3,2	0,40	25,0	0,0206	59,5	0,805	stainless steel	4C
T.032.040.0320.A	3,2	0,40	32,0	0,0177	79,6	0,956	music wire	4C
T.032.040.0320.I	3,2	0,40	32,0	0,0152	78,7	0,805	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.032.040.0400.A	3,2	0,40	40,0	0,0137	101,8	0,956	music wire	4C
T.032.040.0400.I	3,2	0,40	40,0	0,0117	100,6	0,805	stainless steel	4C
T.032.040.0450.A	3,2	0,40	45,0	0,0119	115,7	0,956	music wire	4C
T.032.040.0450.I	3,2	0,40	45,0	0,0103	114,3	0,805	stainless steel	4C
T.032.040.0500.A	3,2	0,40	50,0	0,0106	129,6	0,956	music wire	4C
T.032.040.0500.I	3,2	0,40	50,0	0,0091	128,1	0,805	stainless steel	4C
T.032.040.2030.A	3,2	0,40	203,0	0,0024	554,4	0,956	music wire	4C
T.032.040.2030.I	3,2	0,40	203,0	0,0021	547,6	0,805	stainless steel	4C
T.032.040.3600.A	3,2	0,40	360,0	0,0013	990,3	0,956	music wire	4C
T.032.040.3600.I	3,2	0,40	360,0	0,0012	978,2	0,805	stainless steel	4D
T.032.045.0068.A	3,2	0,45	6,8	0,5165	9,0	1,327	music wire	4C
T.032.045.0068.I	3,2	0,45	6,8	0,4436	9,0	1,120	stainless steel	4C
T.032.045.0086.A	3,2	0,45	8,6	0,2546	13,1	1,327	music wire	4C
T.032.045.0086.I	3,2	0,45	8,6	0,2187	13,1	1,120	stainless steel	4C
T.032.045.0103.A	3,2	0,45	10,3	0,1722	17,0	1,327	music wire	4C
T.032.045.0103.I	3,2	0,45	10,3	0,1479	16,9	1,120	stainless steel	4C
T.032.045.0113.A	3,2	0,45	11,3	0,1446	19,3	1,327	music wire	4C
T.032.045.0113.I	3,2	0,45	11,3	0,1242	19,2	1,120	stainless steel	4C
T.032.045.0125.A	3,2	0,45	12,5	0,1213	22,0	1,327	music wire	4C
T.032.045.0125.I	3,2	0,45	12,5	0,1042	21,9	1,120	stainless steel	4C
T.032.045.0154.A	3,2	0,45	15,4	0,0873	28,6	1,327	music wire	4C
T.032.045.0154.I	3,2	0,45	15,4	0,0750	28,4	1,120	stainless steel	4C
T.032.045.0160.A	3,2	0,45	16,0	0,0826	30,0	1,327	music wire	4C
T.032.045.0160.I	3,2	0,45	16,0	0,0709	29,8	1,120	stainless steel	4C
T.032.045.0200.A	3,2	0,45	20,0	0,0605	39,1	1,327	music wire	4C
T.032.045.0200.I	3,2	0,45	20,0	0,0519	38,8	1,120	stainless steel	4C
T.032.045.0221.A	3,2	0,45	22,1	0,0530	43,9	1,327	music wire	4C
T.032.045.0221.I	3,2	0,45	22,1	0,0455	43,5	1,120	stainless steel	4C
T.032.045.0250.A	3,2	0,45	25,0	0,0453	50,5	1,327	music wire	4C
T.032.045.0250.I	3,2	0,45	25,0	0,0389	50,1	1,120	stainless steel	4C
T.032.045.0313.A	3,2	0,45	31,3	0,0344	64,9	1,327	music wire	4C
T.032.045.0313.I	3,2	0,45	31,3	0,0296	64,3	1,120	stainless steel	4C
T.032.045.0320.A	3,2	0,45	32,0	0,0335	66,5	1,327	music wire	4C
T.032.045.0320.I	3,2	0,45	32,0	0,0288	65,9	1,120	stainless steel	4C
T.032.045.0350.A	3,2	0,45	35,0	0,0302	73,3	1,327	music wire	4C
T.032.045.0350.I	3,2	0,45	35,0	0,0259	72,7	1,120	stainless steel	4C
T.032.045.0400.A	3,2	0,45	40,0	0,0259	84,7	1,327	music wire	4C
T.032.045.0400.I	3,2	0,45	40,0	0,0222	84,0	1,120	stainless steel	4C
T.032.045.0500.A	3,2	0,45	50,0	0,0201	107,5	1,327	music wire	4C
T.032.045.0500.I	3,2	0,45	50,0	0,0173	106,5	1,120	stainless steel	4C
T.032.045.0670.A	3,2	0,45	67,0	0,0146	145,8	1,318	music wire	4C
T.032.045.0670.I	3,2	0,45	67,0	0,0125	141,4	1,076	stainless steel	4C
T.032.045.0698.A	3,2	0,45	69,8	0,0140	152,1	1,318	music wire	4C
T.032.045.0698.I	3,2	0,45	69,8	0,0120	147,5	1,076	stainless steel	4C
T.032.045.1390.A	3,2	0,45	139,0	0,0067	310,3	1,327	music wire	4C
T.032.045.1390.I	3,2	0,45	139,0	0,0058	307,5	1,120	stainless steel	4C
T.032.045.3600.A	3,2	0,45	360,0	0,0025	814,0	1,327	music wire	4C
T.032.045.3600.I	3,2	0,45	360,0	0,0022	806,4	1,120	stainless steel	4D
T.032.050.0125.A	3,2	0,50	12,5	0,2128	19,7	1,774	music wire	4C
T.032.050.0125.I	3,2	0,50	12,5	0,1828	19,6	1,502	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.032.050.0160.A	3,2	0,50	16,0	0,1457	26,5	1,774	music wire	4C
T.032.050.0160.I	3,2	0,50	16,0	0,1252	26,3	1,502	stainless steel	4C
T.032.050.0200.A	3,2	0,50	20,0	0,1071	34,3	1,774	music wire	4C
T.032.050.0200.I	3,2	0,50	20,0	0,0920	34,1	1,502	stainless steel	4C
T.032.050.0250.A	3,2	0,50	25,0	0,0805	44,0	1,774	music wire	4C
T.032.050.0250.I	3,2	0,50	25,0	0,0691	43,7	1,502	stainless steel	4C
T.032.050.0320.A	3,2	0,50	32,0	0,0597	57,6	1,774	music wire	4C
T.032.050.0320.I	3,2	0,50	32,0	0,0513	57,2	1,502	stainless steel	4C
T.032.050.0380.A	3,2	0,50	38,0	0,0489	69,3	1,774	music wire	4C
T.032.050.0380.I	3,2	0,50	38,0	0,0420	68,8	1,502	stainless steel	4C
T.032.050.0400.A	3,2	0,50	40,0	0,0461	73,2	1,774	music wire	4C
T.032.050.0400.I	3,2	0,50	40,0	0,0396	72,7	1,502	stainless steel	4C
T.032.050.0500.A	3,2	0,50	50,0	0,0359	92,6	1,774	music wire	4C
T.032.050.0500.I	3,2	0,50	50,0	0,0308	92,0	1,502	stainless steel	4C
T.032.050.3600.A	3,2	0,50	360,0	0,0046	695,4	1,774	music wire	4C
T.032.050.3600.I	3,2	0,50	360,0	0,0039	690,6	1,502	stainless steel	4D
T.032.056.0159.A	3,2	0,56	15,9	0,2727	23,4	2,419	music wire	4C
T.032.056.0159.I	3,2	0,56	15,9	0,2343	23,3	2,053	stainless steel	4C
T.032.056.0190.A	3,2	0,56	19,0	0,2135	28,6	2,419	music wire	4C
T.032.056.0190.I	3,2	0,56	19,0	0,1834	28,5	2,053	stainless steel	4C
T.032.056.0220.A	3,2	0,56	22,0	0,1765	33,6	2,419	music wire	4C
T.032.056.0220.I	3,2	0,56	22,0	0,1516	33,5	2,053	stainless steel	4C
T.032.056.0250.A	3,2	0,56	25,0	0,1504	38,7	2,419	music wire	4C
T.032.056.0250.I	3,2	0,56	25,0	0,1291	38,5	2,053	stainless steel	4C
T.032.056.0290.A	3,2	0,56	29,0	0,1256	45,4	2,419	music wire	4C
T.032.056.0290.I	3,2	0,56	29,0	0,1079	45,2	2,053	stainless steel	4C
T.032.056.0320.A	3,2	0,56	32,0	0,1118	50,4	2,419	music wire	4C
T.032.056.0320.I	3,2	0,56	32,0	0,0960	50,2	2,053	stainless steel	4C
T.032.056.0350.A	3,2	0,56	35,0	0,1007	55,4	2,419	music wire	4C
T.032.056.0350.I	3,2	0,56	35,0	0,0865	55,2	2,053	stainless steel	4C
T.032.056.0380.A	3,2	0,56	38,0	0,0916	60,4	2,419	music wire	4C
T.032.056.0380.I	3,2	0,56	38,0	0,0787	60,2	2,053	stainless steel	4C
T.032.056.0400.A	3,2	0,56	40,0	0,0864	63,8	2,419	music wire	4C
T.032.056.0400.I	3,2	0,56	40,0	0,0742	63,5	2,053	stainless steel	4C
T.032.056.0410.A	3,2	0,56	41,0	0,0840	65,4	2,419	music wire	4C
T.032.056.0410.I	3,2	0,56	41,0	0,0722	65,2	2,053	stainless steel	4C
T.032.056.0450.A	3,2	0,56	45,0	0,0757	72,1	2,419	music wire	4C
T.032.056.0450.I	3,2	0,56	45,0	0,0650	71,8	2,053	stainless steel	4C
T.032.056.0480.A	3,2	0,56	48,0	0,0705	77,2	2,419	music wire	4C
T.032.056.0480.I	3,2	0,56	48,0	0,0605	76,8	2,053	stainless steel	4C
T.032.056.0500.A	3,2	0,56	50,0	0,0673	80,5	2,419	music wire	4C
T.032.056.0500.I	3,2	0,56	50,0	0,0578	80,1	2,053	stainless steel	4C
T.032.056.0570.A	3,2	0,56	57,0	0,0583	92,2	2,419	music wire	4C
T.032.056.0570.I	3,2	0,56	57,0	0,0500	91,8	2,053	stainless steel	4C
T.032.056.0640.A	3,2	0,56	64,0	0,0514	103,9	2,419	music wire	4C
T.032.056.0640.I	3,2	0,56	64,0	0,0442	103,5	2,053	stainless steel	4C
T.032.065.0380.A	3,2	0,65	38,0	0,2125	52,2	3,616	music wire	4C
T.032.065.0380.I	3,2	0,65	38,0	0,1825	52,0	3,078	stainless steel	4C
T.035.025.0079.A	3,5	0,25	7,9	0,0176	20,4	0,233	music wire	4C
T.035.025.0079.I	3,5	0,25	7,9	0,0151	20,1	0,195	stainless steel	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.035.025.0112.A	3,5	0,25	11,2	0,0059	48,7	0,233	music wire	4C
T.035.025.0112.I	3,5	0,25	11,2	0,0050	47,7	0,195	stainless steel	4C
T.035.025.0150.A	3,5	0,25	15,0	0,0033	81,4	0,233	music wire	4C
T.035.025.0150.I	3,5	0,25	15,0	0,0028	79,5	0,195	stainless steel	4C
T.035.025.0184.A	3,5	0,25	18,4	0,0024	110,5	0,233	music wire	4C
T.035.025.0184.I	3,5	0,25	18,4	0,0020	108,0	0,195	stainless steel	4C
T.035.032.0087.A	3,5	0,32	8,7	0,0400	19,4	0,469	music wire	4C
T.035.032.0087.I	3,5	0,32	8,7	0,0343	19,2	0,394	stainless steel	4C
T.035.032.0129.A	3,5	0,32	12,9	0,0155	40,6	0,469	music wire	4C
T.035.032.0129.I	3,5	0,32	12,9	0,0133	39,9	0,394	stainless steel	4C
T.035.032.0177.A	3,5	0,32	17,7	0,0091	64,8	0,469	music wire	4C
T.035.032.0177.I	3,5	0,32	17,7	0,0078	63,7	0,394	stainless steel	4C
T.035.032.0200.A	3,5	0,32	20,0	0,0076	76,4	0,469	music wire	4C
T.035.032.0200.I	3,5	0,32	20,0	0,0065	75,0	0,394	stainless steel	4C
T.035.032.0219.A	3,5	0,32	21,9	0,0067	85,9	0,469	music wire	4C
T.035.032.0219.I	3,5	0,32	21,9	0,0058	84,4	0,394	stainless steel	4C
T.035.032.0248.A	3,5	0,32	24,8	0,0057	100,5	0,469	music wire	4C
T.035.032.0248.I	3,5	0,32	24,8	0,0049	98,8	0,394	stainless steel	4C
T.035.032.0273.A	3,5	0,32	27,3	0,0050	113,1	0,469	music wire	4C
T.035.032.0273.I	3,5	0,32	27,3	0,0043	111,1	0,394	stainless steel	4C
T.035.032.0299.A	3,5	0,32	29,9	0,0045	126,2	0,469	music wire	4C
T.035.032.0299.I	3,5	0,32	29,9	0,0038	124,0	0,394	stainless steel	4C
T.035.040.0079.A	3,5	0,40	7,9	0,1667	12,6	0,879	music wire	4C
T.035.040.0079.I	3,5	0,40	7,9	0,1432	12,5	0,741	stainless steel	4C
T.035.040.0320.A	3,5	0,40	32,0	0,0134	90,7	0,879	music wire	4C
T.035.040.0320.I	3,5	0,40	32,0	0,0115	89,5	0,741	stainless steel	4C
T.035.040.0480.A	3,5	0,40	48,0	0,0083	142,5	0,879	music wire	4C
T.035.040.0480.I	3,5	0,40	48,0	0,0071	140,7	0,741	stainless steel	4C
T.035.040.0640.A	3,5	0,40	64,0	0,0060	194,3	0,879	music wire	4C
T.035.040.0640.I	3,5	0,40	64,0	0,0052	191,8	0,741	stainless steel	4C
T.035.050.0095.A	3,5	0,50	9,5	0,2948	14,3	1,637	music wire	4C
T.035.050.0095.I	3,5	0,50	9,5	0,2532	14,3	1,385	stainless steel	4C
T.035.050.0125.A	3,5	0,50	12,5	0,1684	21,0	1,637	music wire	4C
T.035.050.0125.I	3,5	0,50	12,5	0,1447	20,8	1,385	stainless steel	4C
T.035.050.0170.A	3,5	0,50	17,0	0,1025	30,9	1,637	music wire	4C
T.035.050.0170.I	3,5	0,50	17,0	0,0881	30,7	1,385	stainless steel	4C
T.035.050.0210.A	3,5	0,50	21,0	0,0761	39,7	1,637	music wire	4C
T.035.050.0210.I	3,5	0,50	21,0	0,0653	39,4	1,385	stainless steel	4C
T.035.050.0245.A	3,5	0,50	24,5	0,0621	47,4	1,637	music wire	4C
T.035.050.0245.I	3,5	0,50	24,5	0,0533	47,1	1,385	stainless steel	4C
T.035.050.2900.A	3,5	0,50	290,0	0,0041	633,6	1,637	music wire	4C
T.035.050.2900.I	3,5	0,50	290,0	0,0036	628,6	1,385	stainless steel	4D
T.035.055.0098.A	3,5	0,55	9,8	0,4488	13,9	2,128	music wire	4C
T.035.055.0098.I	3,5	0,55	9,8	0,3855	13,8	1,805	stainless steel	4C
T.035.055.0132.A	3,5	0,55	13,2	0,2544	20,4	2,128	music wire	4C
T.035.055.0132.I	3,5	0,55	13,2	0,2185	20,3	1,805	stainless steel	4C
T.035.055.0181.A	3,5	0,55	18,1	0,1566	29,8	2,128	music wire	4C
T.035.055.0181.I	3,5	0,55	18,1	0,1345	29,6	1,805	stainless steel	4C
T.035.055.0264.A	3,5	0,55	26,4	0,0949	45,7	2,128	music wire	4C
T.035.055.0264.I	3,5	0,55	26,4	0,0815	45,5	1,805	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.035.070.0111.A	3,5	0,70	11,1	1,2580	13,8	4,094	music wire	4C
T.035.070.0111.I	3,5	0,70	11,1	1,0805	13,8	3,492	stainless steel	4C
T.035.070.0153.A	3,5	0,70	15,3	0,7500	19,9	4,094	music wire	4C
T.035.070.0153.I	3,5	0,70	15,3	0,6442	19,8	3,492	stainless steel	4C
T.035.070.0216.A	3,5	0,70	21,6	0,4671	28,9	4,094	music wire	4C
T.035.070.0216.I	3,5	0,70	21,6	0,4000	28,9	3,492	stainless steel	4C
T.035.070.0321.A	3,5	0,70	32,1	0,2868	44,0	4,094	music wire	4C
T.035.070.0321.I	3,5	0,70	32,1	0,2463	43,9	3,492	stainless steel	4C
T.035.070.0461.A	3,5	0,70	46,1	0,1893	64,1	4,094	music wire	4C
T.035.070.0461.I	3,5	0,70	46,1	0,1626	64,0	3,492	stainless steel	4C
T.035.075.1270.A	3,5	0,75	127,0	0,0951	169,7	4,918	music wire	4C
T.035.075.1270.I	3,5	0,75	127,0	0,0817	169,4	4,202	stainless steel	4C
T.036.028.0270.A	3,6	0,28	27,0	0,0023	152,7	0,313	music wire	4C
T.036.028.0270.I	3,6	0,28	27,0	0,0020	149,5	0,262	stainless steel	4C
T.036.030.0410.A	3,6	0,30	41,0	0,0020	218,2	0,381	music wire	4C
T.036.030.0410.I	3,6	0,30	41,0	0,0017	213,9	0,319	stainless steel	4C
T.036.032.0079.A	3,6	0,32	7,9	0,0582	15,0	0,453	music wire	4C
T.036.032.0079.I	3,6	0,32	7,9	0,0500	14,6	0,368	stainless steel	4C
T.036.032.0095.A	3,6	0,32	9,5	0,0297	23,5	0,453	music wire	4C
T.036.032.0095.I	3,6	0,32	9,5	0,0255	22,7	0,368	stainless steel	4C
T.036.032.0097.A	3,6	0,32	9,7	0,0280	24,5	0,453	music wire	4C
T.036.032.0097.I	3,6	0,32	9,7	0,0241	23,7	0,368	stainless steel	4C
T.036.036.0330.A	3,6	0,36	33,0	0,0067	118,5	0,637	music wire	4C
T.036.036.0330.I	3,6	0,36	33,0	0,0058	116,7	0,535	stainless steel	4C
T.036.036.0380.A	3,6	0,36	38,0	0,0057	139,5	0,637	music wire	4C
T.036.036.0380.I	3,6	0,36	38,0	0,0049	137,3	0,535	stainless steel	4C
T.036.036.0480.A	3,6	0,36	48,0	0,0043	181,3	0,637	music wire	4C
T.036.036.0480.I	3,6	0,36	48,0	0,0037	178,4	0,535	stainless steel	4C
T.036.036.0640.A	3,6	0,36	64,0	0,0031	248,2	0,637	music wire	4C
T.036.036.0640.I	3,6	0,36	64,0	0,0027	244,3	0,535	stainless steel	4C
T.036.040.0096.A	3,6	0,40	9,6	0,0884	18,3	0,856	music wire	4C
T.036.040.0096.I	3,6	0,40	9,6	0,0760	18,1	0,721	stainless steel	4C
T.036.040.0097.A	3,6	0,40	9,7	0,0865	18,5	0,850	music wire	4C
T.036.040.0097.I	3,6	0,40	9,7	0,0743	18,0	0,692	stainless steel	4C
T.036.040.0148.A	3,6	0,40	14,8	0,0362	36,0	0,856	music wire	4C
T.036.040.0148.I	3,6	0,40	14,8	0,0311	35,6	0,721	stainless steel	4C
T.036.040.0159.A	3,6	0,40	15,9	0,0322	39,7	0,856	music wire	4C
T.036.040.0159.I	3,6	0,40	15,9	0,0276	39,3	0,721	stainless steel	4C
T.036.040.0200.A	3,6	0,40	20,0	0,0227	53,7	0,856	music wire	4C
T.036.040.0200.I	3,6	0,40	20,0	0,0195	53,0	0,721	stainless steel	4C
T.036.040.0208.A	3,6	0,40	20,8	0,0215	56,4	0,856	music wire	4C
T.036.040.0208.I	3,6	0,40	20,8	0,0185	55,7	0,721	stainless steel	4C
T.036.040.0220.A	3,6	0,40	22,0	0,0199	60,5	0,856	music wire	4C
T.036.040.0220.I	3,6	0,40	22,0	0,0171	59,8	0,721	stainless steel	4C
T.036.040.0237.A	3,6	0,40	23,7	0,0180	66,3	0,856	music wire	4C
T.036.040.0237.I	3,6	0,40	23,7	0,0154	65,5	0,721	stainless steel	4C
T.036.040.0265.A	3,6	0,40	26,5	0,0155	75,8	0,856	music wire	4C
T.036.040.0265.I	3,6	0,40	26,5	0,0133	74,9	0,721	stainless steel	4C
T.036.040.0297.A	3,6	0,40	29,7	0,0134	86,7	0,856	music wire	4C
T.036.040.0297.I	3,6	0,40	29,7	0,0115	85,6	0,721	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.036.040.0329.A	3,6	0,40	32,9	0,0118	97,6	0,856	music wire	4C
T.036.040.0329.I	3,6	0,40	32,9	0,0102	96,4	0,721	stainless steel	4C
T.036.040.0361.A	3,6	0,40	36,1	0,0106	108,5	0,856	music wire	4C
T.036.040.0361.I	3,6	0,40	36,1	0,0091	107,1	0,721	stainless steel	4C
T.036.045.0127.A	3,6	0,45	12,7	0,0878	24,7	1,190	music wire	4C
T.036.045.0127.I	3,6	0,45	12,7	0,0754	24,5	1,005	stainless steel	4C
T.036.045.0151.A	3,6	0,45	15,1	0,0650	31,3	1,190	music wire	4C
T.036.045.0151.I	3,6	0,45	15,1	0,0558	31,0	1,005	stainless steel	4C
T.036.050.1020.A	3,6	0,50	102,0	0,0111	227,4	1,595	music wire	4C
T.036.050.1020.I	3,6	0,50	102,0	0,0095	225,6	1,350	stainless steel	4C
T.036.056.0220.A	3,6	0,56	22,0	0,1212	37,5	2,181	music wire	4C
T.036.056.0220.I	3,6	0,56	22,0	0,1041	37,3	1,851	stainless steel	4C
T.036.056.1500.A	3,6	0,56	150,0	0,0138	285,9	2,181	music wire	4C
T.036.056.1500.I	3,6	0,56	150,0	0,0119	284,3	1,851	stainless steel	4C
T.037.050.0108.A	3,7	0,50	10,8	0,1983	17,7	1,556	music wire	4C
T.037.050.0108.I	3,7	0,50	10,8	0,1703	17,6	1,317	stainless steel	4C
T.037.050.0173.A	3,7	0,50	17,3	0,0852	33,3	1,556	music wire	4C
T.037.050.0173.I	3,7	0,50	17,3	0,0732	33,0	1,317	stainless steel	4C
T.037.050.0200.A	3,7	0,50	20,0	0,0689	39,7	1,547	music wire	4C
T.037.050.0200.I	3,7	0,50	20,0	0,0592	38,6	1,264	stainless steel	4C
T.037.050.0248.A	3,7	0,50	24,8	0,0514	51,3	1,556	music wire	4C
T.037.050.0248.I	3,7	0,50	24,8	0,0442	50,9	1,317	stainless steel	4C
T.037.050.0283.A	3,7	0,50	28,3	0,0434	59,7	1,556	music wire	4C
T.037.050.0283.I	3,7	0,50	28,3	0,0373	59,2	1,317	stainless steel	4C
T.037.050.0318.A	3,7	0,50	31,8	0,0375	68,1	1,556	music wire	4C
T.037.050.0318.I	3,7	0,50	31,8	0,0322	67,6	1,317	stainless steel	4C
T.037.050.0358.A	3,7	0,50	35,8	0,0325	77,7	1,556	music wire	4C
T.037.050.0358.I	3,7	0,50	35,8	0,0279	77,1	1,317	stainless steel	4C
T.037.050.0398.A	3,7	0,50	39,8	0,0287	87,3	1,556	music wire	4C
T.037.050.0398.I	3,7	0,50	39,8	0,0246	86,6	1,317	stainless steel	4C
T.037.050.0438.A	3,7	0,50	43,8	0,0256	96,9	1,556	music wire	4C
T.037.050.0438.I	3,7	0,50	43,8	0,0220	96,1	1,317	stainless steel	4C
T.037.050.0600.A	3,7	0,50	60,0	0,0180	135,4	1,547	music wire	4C
T.037.050.0600.I	3,7	0,50	60,0	0,0154	131,3	1,264	stainless steel	4C
T.037.050.3000.A	3,7	0,50	300,0	0,0033	709,9	1,547	music wire	4C
T.037.050.3000.I	3,7	0,50	300,0	0,0028	687,7	1,264	stainless steel	4D
T.038.065.0123.A	3,8	0,65	12,3	0,5687	17,0	3,126	music wire	4C
T.038.065.0123.I	3,8	0,65	12,3	0,4885	16,9	2,662	stainless steel	4C
T.038.065.0204.A	3,8	0,65	20,4	0,2564	30,8	3,126	music wire	4C
T.038.065.0204.I	3,8	0,65	20,4	0,2202	30,7	2,662	stainless steel	4C
T.038.065.0299.A	3,8	0,65	29,9	0,1560	47,0	3,126	music wire	4C
T.038.065.0299.I	3,8	0,65	29,9	0,1339	46,8	2,662	stainless steel	4C
T.038.065.0343.A	3,8	0,65	34,3	0,1320	54,5	3,126	music wire	4C
T.038.065.0343.I	3,8	0,65	34,3	0,1134	54,3	2,662	stainless steel	4C
T.038.065.0387.A	3,8	0,65	38,7	0,1144	62,0	3,126	music wire	4C
T.038.065.0387.I	3,8	0,65	38,7	0,0983	61,8	2,662	stainless steel	4C
T.038.065.0438.A	3,8	0,65	43,8	0,0991	70,7	3,126	music wire	4C
T.038.065.0438.I	3,8	0,65	43,8	0,0851	70,4	2,662	stainless steel	4C
T.038.065.0488.A	3,8	0,65	48,8	0,0876	79,2	3,126	music wire	4C
T.038.065.0488.I	3,8	0,65	48,8	0,0753	78,9	2,662	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.038.065.0539.A	3,8	0,65	53,9	0,0784	87,9	3,126	music wire	4C
T.038.065.0539.I	3,8	0,65	53,9	0,0673	87,6	2,662	stainless steel	4C
T.038.065.0600.A	3,8	0,65	60,0	0,0696	98,1	3,115	music wire	4C
T.038.065.0600.I	3,8	0,65	60,0	0,0598	96,1	2,555	stainless steel	4C
T.038.065.0800.A	3,8	0,65	80,0	0,0509	132,2	3,115	music wire	4C
T.038.065.0800.I	3,8	0,65	80,0	0,0437	129,5	2,555	stainless steel	4C
T.038.065.1000.A	3,8	0,65	100,0	0,0401	166,2	3,115	music wire	4C
T.038.065.1000.I	3,8	0,65	100,0	0,0344	162,8	2,555	stainless steel	4C
T.039.022.0151.A	3,9	0,22	15,1	0,0013	122,4	0,146	music wire	4C
T.039.022.0151.I	3,9	0,22	15,1	0,0011	119,2	0,122	stainless steel	4C
T.039.032.0151.A	3,9	0,32	15,1	0,0090	58,5	0,423	music wire	4C
T.039.032.0151.I	3,9	0,32	15,1	0,0077	57,5	0,355	stainless steel	4C
T.039.032.0200.A	3,9	0,32	20,0	0,0057	88,5	0,419	music wire	4C
T.039.032.0200.I	3,9	0,32	20,0	0,0049	84,6	0,341	stainless steel	4C
T.039.032.0270.A	3,9	0,32	27,0	0,0037	133,0	0,423	music wire	4C
T.039.032.0270.I	3,9	0,32	27,0	0,0032	130,5	0,355	stainless steel	4C
T.039.032.0350.A	3,9	0,32	35,0	0,0026	183,1	0,423	music wire	4C
T.039.032.0350.I	3,9	0,32	35,0	0,0023	179,6	0,355	stainless steel	4C
T.039.040.0320.A	3,9	0,40	32,0	0,0096	106,8	0,794	music wire	4C
T.039.040.0320.I	3,9	0,40	32,0	0,0082	105,3	0,669	stainless steel	4C
T.039.045.0200.A	3,9	0,45	20,0	0,0338	48,9	1,097	music wire	4C
T.039.045.0200.I	3,9	0,45	20,0	0,0290	47,3	0,895	stainless steel	4C
T.039.045.0350.A	3,9	0,45	35,0	0,0160	96,3	1,104	music wire	4C
T.039.045.0350.I	3,9	0,45	35,0	0,0138	95,3	0,933	stainless steel	4C
T.039.045.0640.A	3,9	0,45	64,0	0,0080	187,7	1,104	music wire	4C
T.039.045.0640.I	3,9	0,45	64,0	0,0068	185,6	0,933	stainless steel	4C
T.039.045.1650.A	3,9	0,45	165,0	0,0029	505,7	1,104	music wire	4C
T.039.045.1650.I	3,9	0,45	165,0	0,0025	500,0	0,933	stainless steel	4C
T.039.050.0200.A	3,9	0,50	20,0	0,0591	41,9	1,473	music wire	4C
T.039.050.0200.I	3,9	0,50	20,0	0,0508	40,8	1,204	stainless steel	4C
T.039.050.0480.A	3,9	0,50	48,0	0,0194	115,2	1,482	music wire	4C
T.039.050.0480.I	3,9	0,50	48,0	0,0167	114,2	1,254	stainless steel	4C
T.039.050.0640.A	3,9	0,50	64,0	0,0140	156,9	1,482	music wire	4C
T.039.050.0640.I	3,9	0,50	64,0	0,0121	155,6	1,254	stainless steel	4C
T.039.050.1520.A	3,9	0,50	152,0	0,0056	386,7	1,482	music wire	4C
T.039.050.1520.I	3,9	0,50	152,0	0,0048	383,3	1,254	stainless steel	4C
T.039.056.0290.A	3,9	0,56	29,0	0,0658	55,8	2,029	music wire	4C
T.039.056.0290.I	3,9	0,56	29,0	0,0565	55,5	1,722	stainless steel	4C
T.039.056.0310.A	3,9	0,56	31,0	0,0605	60,1	2,029	music wire	4C
T.039.056.0310.I	3,9	0,56	31,0	0,0520	59,8	1,722	stainless steel	4C
T.039.056.0600.A	3,9	0,56	60,0	0,0280	122,8	2,019	music wire	4C
T.039.056.0600.I	3,9	0,56	60,0	0,0240	119,5	1,653	stainless steel	4C
T.040.025.0095.A	4,0	0,25	9,5	0,0084	32,9	0,205	music wire	4C
T.040.025.0095.I	4,0	0,25	9,5	0,0072	32,3	0,171	stainless steel	4C
T.040.030.0127.A	4,0	0,30	12,7	0,0087	49,6	0,344	music wire	4C
T.040.030.0127.I	4,0	0,30	12,7	0,0075	48,7	0,288	stainless steel	4C
T.040.030.0159.A	4,0	0,30	15,9	0,0056	73,3	0,341	music wire	4C
T.040.030.0159.I	4,0	0,30	15,9	0,0048	70,0	0,277	stainless steel	4C
T.040.035.0092.A	4,0	0,35	9,2	0,0489	19,2	0,532	music wire	4C
T.040.035.0092.I	4,0	0,35	9,2	0,0420	19,0	0,447	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.040.035.0114.A	4,0	0,35	11,4	0,0247	31,2	0,532	music wire	4C
T.040.035.0114.I	4,0	0,35	11,4	0,0212	30,7	0,447	stainless steel	4C
T.040.035.0125.A	4,0	0,35	12,5	0,0198	37,2	0,532	music wire	4C
T.040.035.0125.I	4,0	0,35	12,5	0,0170	36,6	0,447	stainless steel	4C
T.040.035.0146.A	4,0	0,35	14,6	0,0144	48,6	0,532	music wire	4C
T.040.035.0146.I	4,0	0,35	14,6	0,0124	47,8	0,447	stainless steel	4C
T.040.035.0157.A	4,0	0,35	15,7	0,0126	54,3	0,528	music wire	4C
T.040.035.0157.I	4,0	0,35	15,7	0,0108	52,1	0,429	stainless steel	4C
T.040.035.0160.A	4,0	0,35	16,0	0,0122	56,2	0,532	music wire	4C
T.040.035.0160.I	4,0	0,35	16,0	0,0104	55,3	0,447	stainless steel	4C
T.040.035.0200.A	4,0	0,35	20,0	0,0084	78,0	0,532	music wire	4C
T.040.035.0200.I	4,0	0,35	20,0	0,0072	76,7	0,447	stainless steel	4C
T.040.035.0200.N	4,0	0,35	20,0	0,0084	78,0	0,532	Zn coating	4D
T.040.035.0250.A	4,0	0,35	25,0	0,0061	105,2	0,532	music wire	4C
T.040.035.0250.I	4,0	0,35	25,0	0,0052	103,4	0,447	stainless steel	4C
T.040.035.0272.A	4,0	0,35	27,2	0,0054	117,1	0,532	music wire	4C
T.040.035.0272.I	4,0	0,35	27,2	0,0047	115,2	0,447	stainless steel	4C
T.040.035.0320.A	4,0	0,35	32,0	0,0044	143,3	0,532	music wire	4C
T.040.035.0320.I	4,0	0,35	32,0	0,0038	140,8	0,447	stainless steel	4C
T.040.035.0400.A	4,0	0,35	40,0	0,0033	186,8	0,532	music wire	4C
T.040.035.0400.I	4,0	0,35	40,0	0,0029	183,6	0,447	stainless steel	4C
T.040.035.0500.A	4,0	0,35	50,0	0,0026	241,2	0,532	music wire	4C
T.040.035.0500.I	4,0	0,35	50,0	0,0022	237,0	0,447	stainless steel	4C
T.040.035.0630.A	4,0	0,35	63,0	0,0020	312,0	0,532	music wire	4C
T.040.035.0630.I	4,0	0,35	63,0	0,0017	306,5	0,447	stainless steel	4C
T.040.035.3600.A	4,0	0,35	360,0	0,0003	1928,4	0,532	music wire	4D
T.040.035.3600.I	4,0	0,35	360,0	0,0003	1894,5	0,447	stainless steel	4D
T.040.036.0159.A	4,0	0,36	15,9	0,0142	52,6	0,571	music wire	4C
T.040.036.0159.I	4,0	0,36	15,9	0,0122	50,5	0,465	stainless steel	4C
T.040.036.0191.A	4,0	0,36	19,1	0,0105	69,0	0,571	music wire	4C
T.040.036.0191.I	4,0	0,36	19,1	0,0090	66,1	0,465	stainless steel	4C
T.040.036.0220.A	4,0	0,36	22,0	0,0085	83,8	0,571	music wire	4C
T.040.036.0220.I	4,0	0,36	22,0	0,0073	80,3	0,465	stainless steel	4C
T.040.036.0640.A	4,0	0,36	64,0	0,0022	299,7	0,576	music wire	4C
T.040.036.0640.I	4,0	0,36	64,0	0,0019	294,7	0,484	stainless steel	4C
T.040.040.0125.A	4,0	0,40	12,5	0,0392	30,4	0,775	music wire	4C
T.040.040.0125.I	4,0	0,40	12,5	0,0337	30,0	0,653	stainless steel	4C
T.040.040.0160.A	4,0	0,40	16,0	0,0243	44,9	0,775	music wire	4C
T.040.040.0160.I	4,0	0,40	16,0	0,0209	44,3	0,653	stainless steel	4C
T.040.040.0171.A	4,0	0,40	17,1	0,0217	49,4	0,775	music wire	4C
T.040.040.0171.I	4,0	0,40	17,1	0,0186	48,8	0,653	stainless steel	4C
T.040.040.0200.A	4,0	0,40	20,0	0,0169	61,4	0,775	music wire	4C
T.040.040.0200.I	4,0	0,40	20,0	0,0145	60,6	0,653	stainless steel	4C
T.040.040.0250.A	4,0	0,40	25,0	0,0123	82,1	0,775	music wire	4C
T.040.040.0250.I	4,0	0,40	25,0	0,0106	81,0	0,653	stainless steel	4C
T.040.040.0320.A	4,0	0,40	32,0	0,0089	111,0	0,775	music wire	4C
T.040.040.0320.I	4,0	0,40	32,0	0,0076	109,5	0,653	stainless steel	4C
T.040.040.0400.A	4,0	0,40	40,0	0,0067	144,1	0,775	music wire	4C
T.040.040.0400.I	4,0	0,40	40,0	0,0058	142,1	0,653	stainless steel	4C
T.040.040.0500.A	4,0	0,40	50,0	0,0052	185,5	0,775	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.040.040.0500.I	4,0	0,40	50,0	0,0044	182,9	0,653	stainless steel	4C
T.040.040.0630.A	4,0	0,40	63,0	0,0040	239,3	0,775	music wire	4C
T.040.040.0630.I	4,0	0,40	63,0	0,0034	235,9	0,653	stainless steel	4C
T.040.040.3600.A	4,0	0,40	360,0	0,0006	1467,8	0,775	music wire	4D
T.040.040.3600.I	4,0	0,40	360,0	0,0005	1446,6	0,653	stainless steel	4D
T.040.045.0125.A	4,0	0,45	12,5	0,0718	25,9	1,078	music wire	4C
T.040.045.0125.I	4,0	0,45	12,5	0,0617	25,7	0,911	stainless steel	4C
T.040.045.0160.A	4,0	0,45	16,0	0,0449	37,4	1,078	music wire	4C
T.040.045.0160.I	4,0	0,45	16,0	0,0386	37,1	0,911	stainless steel	4C
T.040.045.0200.A	4,0	0,45	20,0	0,0315	50,6	1,078	music wire	4C
T.040.045.0200.I	4,0	0,45	20,0	0,0270	50,1	0,911	stainless steel	4C
T.040.045.0250.A	4,0	0,45	25,0	0,0229	67,1	1,078	music wire	4C
T.040.045.0250.I	4,0	0,45	25,0	0,0197	66,4	0,911	stainless steel	4C
T.040.045.0320.A	4,0	0,45	32,0	0,0166	90,1	1,078	music wire	4C
T.040.045.0320.I	4,0	0,45	32,0	0,0142	89,1	0,911	stainless steel	4C
T.040.045.0380.A	4,0	0,45	38,0	0,0134	109,4	1,072	music wire	4C
T.040.045.0380.I	4,0	0,45	38,0	0,0115	105,5	0,874	stainless steel	4C
T.040.045.0400.A	4,0	0,45	40,0	0,0126	116,5	1,078	music wire	4C
T.040.045.0400.I	4,0	0,45	40,0	0,0108	115,2	0,911	stainless steel	4C
T.040.045.0500.A	4,0	0,45	50,0	0,0097	149,4	1,078	music wire	4C
T.040.045.0500.I	4,0	0,45	50,0	0,0083	147,7	0,911	stainless steel	4C
T.040.045.0630.A	4,0	0,45	63,0	0,0075	192,2	1,078	music wire	4C
T.040.045.0630.I	4,0	0,45	63,0	0,0064	190,0	0,911	stainless steel	4C
T.040.045.3600.A	4,0	0,45	360,0	0,0012	1170,1	1,078	music wire	4D
T.040.045.3600.I	4,0	0,45	360,0	0,0010	1156,5	0,911	stainless steel	4D
T.040.050.0125.A	4,0	0,50	12,5	0,1238	22,8	1,447	music wire	4C
T.040.050.0125.I	4,0	0,50	12,5	0,1063	22,7	1,225	stainless steel	4C
T.040.050.0160.A	4,0	0,50	16,0	0,0782	32,4	1,447	music wire	4C
T.040.050.0160.I	4,0	0,50	16,0	0,0671	32,1	1,225	stainless steel	4C
T.040.050.0200.A	4,0	0,50	20,0	0,0550	43,2	1,447	music wire	4C
T.040.050.0200.I	4,0	0,50	20,0	0,0472	42,9	1,225	stainless steel	4C
T.040.050.0250.A	4,0	0,50	25,0	0,0401	56,8	1,447	music wire	4C
T.040.050.0250.I	4,0	0,50	25,0	0,0345	56,4	1,225	stainless steel	4C
T.040.050.0300.A	4,0	0,50	30,0	0,0316	70,4	1,447	music wire	4C
T.040.050.0300.I	4,0	0,50	30,0	0,0271	69,9	1,225	stainless steel	4C
T.040.050.0320.A	4,0	0,50	32,0	0,0291	75,9	1,447	music wire	4C
T.040.050.0320.I	4,0	0,50	32,0	0,0250	75,3	1,225	stainless steel	4C
T.040.050.0400.A	4,0	0,50	40,0	0,0222	97,7	1,447	music wire	4C
T.040.050.0400.I	4,0	0,50	40,0	0,0190	96,8	1,225	stainless steel	4C
T.040.050.0500.A	4,0	0,50	50,0	0,0171	124,9	1,447	music wire	4C
T.040.050.0500.I	4,0	0,50	50,0	0,0147	123,8	1,225	stainless steel	4C
T.040.050.0630.A	4,0	0,50	63,0	0,0131	160,2	1,447	music wire	4C
T.040.050.0630.I	4,0	0,50	63,0	0,0113	158,8	1,225	stainless steel	4C
T.040.050.3600.A	4,0	0,50	360,0	0,0021	968,4	1,447	music wire	4D
T.040.050.3600.I	4,0	0,50	360,0	0,0018	959,6	1,225	stainless steel	4D
T.040.055.0107.A	4,0	0,55	10,7	0,2870	16,4	1,886	music wire	4C
T.040.055.0107.I	4,0	0,55	10,7	0,2465	16,4	1,600	stainless steel	4C
T.040.055.0125.A	4,0	0,55	12,5	0,2030	20,6	1,886	music wire	4C
T.040.055.0125.I	4,0	0,55	12,5	0,1744	20,5	1,600	stainless steel	4C
T.040.055.0140.A	4,0	0,55	14,0	0,1632	24,1	1,886	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.040.055.0140.I	4,0	0,55	14,0	0,1402	24,0	1,600	stainless steel	4C
T.040.055.0160.A	4,0	0,55	16,0	0,1294	28,7	1,886	music wire	4C
T.040.055.0160.I	4,0	0,55	16,0	0,1111	28,6	1,600	stainless steel	4C
T.040.055.0189.A	4,0	0,55	18,9	0,0995	35,5	1,886	music wire	4C
T.040.055.0189.I	4,0	0,55	18,9	0,0855	35,3	1,600	stainless steel	4C
T.040.055.0200.A	4,0	0,55	20,0	0,0915	38,0	1,886	music wire	4C
T.040.055.0200.I	4,0	0,55	20,0	0,0786	37,8	1,600	stainless steel	4C
T.040.055.0224.A	4,0	0,55	22,4	0,0777	43,5	1,877	music wire	4C
T.040.055.0224.I	4,0	0,55	22,4	0,0668	42,4	1,536	stainless steel	4C
T.040.055.0250.A	4,0	0,55	25,0	0,0669	49,6	1,886	music wire	4C
T.040.055.0250.I	4,0	0,55	25,0	0,0575	49,3	1,600	stainless steel	4C
T.040.055.0254.A	4,0	0,55	25,4	0,0656	50,4	1,877	music wire	4C
T.040.055.0254.I	4,0	0,55	25,4	0,0564	49,1	1,536	stainless steel	4C
T.040.055.0272.A	4,0	0,55	27,2	0,0600	54,7	1,886	music wire	4C
T.040.055.0272.I	4,0	0,55	27,2	0,0514	54,4	1,600	stainless steel	4C
T.040.055.0284.A	4,0	0,55	28,4	0,0566	57,4	1,877	music wire	4C
T.040.055.0284.I	4,0	0,55	28,4	0,0486	55,8	1,536	stainless steel	4C
T.040.055.0318.A	4,0	0,55	31,8	0,0490	65,2	1,877	music wire	4C
T.040.055.0318.I	4,0	0,55	31,8	0,0421	63,5	1,536	stainless steel	4C
T.040.055.0320.A	4,0	0,55	32,0	0,0487	65,9	1,886	music wire	4C
T.040.055.0320.I	4,0	0,55	32,0	0,0418	65,4	1,600	stainless steel	4C
T.040.055.0348.A	4,0	0,55	34,8	0,0439	72,1	1,877	music wire	4C
T.040.055.0348.I	4,0	0,55	34,8	0,0377	70,2	1,536	stainless steel	4C
T.040.055.0381.A	4,0	0,55	38,1	0,0393	79,8	1,877	music wire	4C
T.040.055.0381.I	4,0	0,55	38,1	0,0338	77,6	1,536	stainless steel	4C
T.040.055.0382.A	4,0	0,55	38,2	0,0392	80,2	1,886	music wire	4C
T.040.055.0382.I	4,0	0,55	38,2	0,0337	79,7	1,600	stainless steel	4C
T.040.055.0400.A	4,0	0,55	40,0	0,0371	84,4	1,886	music wire	4C
T.040.055.0400.I	4,0	0,55	40,0	0,0319	83,9	1,600	stainless steel	4C
T.040.055.0444.A	4,0	0,55	44,4	0,0328	94,4	1,877	music wire	4C
T.040.055.0444.I	4,0	0,55	44,4	0,0282	91,7	1,536	stainless steel	4C
T.040.055.0500.A	4,0	0,55	50,0	0,0286	107,6	1,886	music wire	4C
T.040.055.0500.I	4,0	0,55	50,0	0,0246	106,9	1,600	stainless steel	4C
T.040.055.0508.A	4,0	0,55	50,8	0,0281	109,2	1,877	music wire	4C
T.040.055.0508.I	4,0	0,55	50,8	0,0241	106,1	1,536	stainless steel	4C
T.040.055.0572.A	4,0	0,55	57,2	0,0245	124,0	1,877	music wire	4C
T.040.055.0572.I	4,0	0,55	57,2	0,0211	120,5	1,536	stainless steel	4C
T.040.055.0630.A	4,0	0,55	63,0	0,0220	137,8	1,886	music wire	4C
T.040.055.0630.I	4,0	0,55	63,0	0,0189	136,8	1,600	stainless steel	4C
T.040.055.0635.A	4,0	0,55	63,5	0,0218	138,6	1,877	music wire	4C
T.040.055.0635.I	4,0	0,55	63,5	0,0188	134,6	1,536	stainless steel	4C
T.040.055.0698.A	4,0	0,55	69,8	0,0197	153,2	1,877	music wire	4C
T.040.055.0698.I	4,0	0,55	69,8	0,0169	148,7	1,536	stainless steel	4C
T.040.055.1020.A	4,0	0,55	102,0	0,0131	228,2	1,886	music wire	4C
T.040.055.1020.I	4,0	0,55	102,0	0,0112	226,7	1,600	stainless steel	4C
T.040.055.2030.A	4,0	0,55	203,0	0,0063	462,6	1,886	music wire	4C
T.040.055.2030.I	4,0	0,55	203,0	0,0055	459,3	1,600	stainless steel	4D
T.040.055.3600.A	4,0	0,55	360,0	0,0035	826,8	1,886	music wire	4D
T.040.055.3600.I	4,0	0,55	360,0	0,0030	821,0	1,600	stainless steel	4D
T.040.056.0159.A	4,0	0,56	15,9	0,1439	27,9	1,973	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.040.056.0159.I	4,0	0,56	15,9	0,1236	27,2	1,615	stainless steel	4C
T.040.056.0191.A	4,0	0,56	19,1	0,1079	35,0	1,973	music wire	4C
T.040.056.0191.I	4,0	0,56	19,1	0,0927	34,2	1,615	stainless steel	4C
T.040.056.0220.A	4,0	0,56	22,0	0,0879	41,6	1,973	music wire	4C
T.040.056.0220.I	4,0	0,56	22,0	0,0755	40,5	1,615	stainless steel	4C
T.040.056.0380.A	4,0	0,56	38,0	0,0435	77,6	1,973	music wire	4C
T.040.056.0380.I	4,0	0,56	38,0	0,0373	75,5	1,615	stainless steel	4C
T.040.056.0700.A	4,0	0,56	70,0	0,0216	149,5	1,973	music wire	4C
T.040.056.0700.I	4,0	0,56	70,0	0,0186	145,3	1,615	stainless steel	4C
T.040.056.0760.A	4,0	0,56	76,0	0,0198	163,0	1,973	music wire	4C
T.040.056.0760.I	4,0	0,56	76,0	0,0170	158,4	1,615	stainless steel	4C
T.040.060.0125.A	4,0	0,60	12,5	0,3199	19,0	2,399	music wire	4C
T.040.060.0125.I	4,0	0,60	12,5	0,2748	18,9	2,039	stainless steel	4C
T.040.060.0160.A	4,0	0,60	16,0	0,2057	26,1	2,399	music wire	4C
T.040.060.0160.I	4,0	0,60	16,0	0,1766	26,0	2,039	stainless steel	4C
T.040.060.0200.A	4,0	0,60	20,0	0,1461	34,2	2,399	music wire	4C
T.040.060.0200.I	4,0	0,60	20,0	0,1254	34,1	2,039	stainless steel	4C
T.040.060.0250.A	4,0	0,60	25,0	0,1072	44,4	2,399	music wire	4C
T.040.060.0250.I	4,0	0,60	25,0	0,0921	44,2	2,039	stainless steel	4C
T.040.060.0320.A	4,0	0,60	32,0	0,0781	58,6	2,399	music wire	4C
T.040.060.0320.I	4,0	0,60	32,0	0,0671	58,3	2,039	stainless steel	4C
T.040.060.0400.A	4,0	0,60	40,0	0,0596	74,8	2,399	music wire	4C
T.040.060.0400.I	4,0	0,60	40,0	0,0512	74,4	2,039	stainless steel	4C
T.040.060.0500.A	4,0	0,60	50,0	0,0460	95,1	2,399	music wire	4C
T.040.060.0500.I	4,0	0,60	50,0	0,0395	94,6	2,039	stainless steel	4C
T.040.060.0630.A	4,0	0,60	63,0	0,0355	121,5	2,399	music wire	4C
T.040.060.0630.I	4,0	0,60	63,0	0,0305	120,9	2,039	stainless steel	4C
T.040.060.3600.A	4,0	0,60	360,0	0,0057	724,3	2,399	music wire	4D
T.040.060.3600.I	4,0	0,60	360,0	0,0049	720,5	2,039	stainless steel	4D
T.040.065.0250.A	4,0	0,65	25,0	0,1659	40,4	2,988	music wire	4C
T.040.065.0250.I	4,0	0,65	25,0	0,1425	40,3	2,544	stainless steel	4C
T.040.070.0410.A	4,0	0,70	41,0	0,1357	63,9	3,657	music wire	4C
T.040.070.0410.I	4,0	0,70	41,0	0,1166	63,7	3,119	stainless steel	4C
T.040.080.0126.A	4,0	0,80	12,6	1,4554	15,6	5,240	music wire	4C
T.040.080.0126.I	4,0	0,80	12,6	1,2500	15,6	4,484	stainless steel	4C
T.040.080.0174.A	4,0	0,80	17,4	0,8633	22,5	5,240	music wire	4C
T.040.080.0174.I	4,0	0,80	17,4	0,7415	22,4	4,484	stainless steel	4C
T.040.080.0246.A	4,0	0,80	24,6	0,5362	32,7	5,240	music wire	4C
T.040.080.0246.I	4,0	0,80	24,6	0,4605	32,7	4,484	stainless steel	4C
T.041.045.0086.A	4,1	0,45	8,6	0,2203	12,9	1,047	music wire	4C
T.041.045.0086.I	4,1	0,45	8,6	0,1892	12,6	0,854	stainless steel	4C
T.042.025.0086.A	4,2	0,25	8,6	0,0170	19,7	0,195	music wire	4C
T.042.025.0086.I	4,2	0,25	8,6	0,0146	19,4	0,163	stainless steel	4C
T.042.025.0097.A	4,2	0,25	9,7	0,0079	33,4	0,193	music wire	4C
T.042.025.0097.I	4,2	0,25	9,7	0,0068	32,0	0,157	stainless steel	4C
T.042.025.0102.A	4,2	0,25	10,2	0,0063	40,0	0,195	music wire	4C
T.042.025.0102.I	4,2	0,25	10,2	0,0054	39,2	0,163	stainless steel	4C
T.042.025.0111.A	4,2	0,25	11,1	0,0047	51,0	0,193	music wire	4C
T.042.025.0111.I	4,2	0,25	11,1	0,0040	48,7	0,157	stainless steel	4C
T.042.025.0124.A	4,2	0,25	12,4	0,0034	67,9	0,195	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.042.025.0124.I	4,2	0,25	12,4	0,0029	66,4	0,163	stainless steel	4C
T.042.025.0162.A	4,2	0,25	16,2	0,0019	116,1	0,195	music wire	4C
T.042.025.0162.I	4,2	0,25	16,2	0,0016	113,3	0,163	stainless steel	4C
T.042.025.0200.A	4,2	0,25	20,0	0,0013	162,9	0,193	music wire	4C
T.042.025.0200.I	4,2	0,25	20,0	0,0011	154,5	0,157	stainless steel	4C
T.042.025.0240.A	4,2	0,25	24,0	0,0010	213,1	0,193	music wire	4C
T.042.025.0240.I	4,2	0,25	24,0	0,0008	202,0	0,157	stainless steel	4C
T.042.030.0095.A	4,2	0,30	9,5	0,0208	24,2	0,325	music wire	4C
T.042.030.0095.I	4,2	0,30	9,5	0,0178	23,4	0,264	stainless steel	4C
T.042.030.0097.A	4,2	0,30	9,7	0,0191	25,8	0,325	music wire	4C
T.042.030.0097.I	4,2	0,30	9,7	0,0164	24,8	0,264	stainless steel	4C
T.042.030.0112.A	4,2	0,30	11,2	0,0113	38,3	0,325	music wire	4C
T.042.030.0112.I	4,2	0,30	11,2	0,0097	36,7	0,264	stainless steel	4C
T.042.030.0157.A	4,2	0,30	15,7	0,0051	75,8	0,325	music wire	4C
T.042.030.0157.I	4,2	0,30	15,7	0,0044	72,3	0,264	stainless steel	4C
T.042.030.0191.A	4,2	0,30	19,1	0,0036	104,3	0,325	music wire	4C
T.042.030.0191.I	4,2	0,30	19,1	0,0031	99,4	0,264	stainless steel	4C
T.042.030.0220.A	4,2	0,30	22,0	0,0029	128,3	0,325	music wire	4C
T.042.030.0220.I	4,2	0,30	22,0	0,0025	122,2	0,264	stainless steel	4C
T.042.030.0224.A	4,2	0,30	22,4	0,0028	131,8	0,325	music wire	4C
T.042.030.0224.I	4,2	0,30	22,4	0,0024	125,5	0,264	stainless steel	4C
T.042.030.0254.A	4,2	0,30	25,4	0,0023	156,8	0,325	music wire	4C
T.042.030.0254.I	4,2	0,30	25,4	0,0020	149,2	0,264	stainless steel	4C
T.042.030.0380.A	4,2	0,30	38,0	0,0014	261,8	0,325	music wire	4C
T.042.030.0380.I	4,2	0,30	38,0	0,0012	248,9	0,264	stainless steel	4C
T.042.036.0095.A	4,2	0,36	9,5	0,0495	19,6	0,545	music wire	4C
T.042.036.0095.I	4,2	0,36	9,5	0,0425	19,1	0,444	stainless steel	4C
T.042.036.0380.A	4,2	0,36	38,0	0,0035	179,6	0,545	music wire	4C
T.042.036.0380.I	4,2	0,36	38,0	0,0030	171,6	0,444	stainless steel	4C
T.042.040.0191.A	4,2	0,40	19,1	0,0159	61,0	0,734	music wire	4C
T.042.040.0191.I	4,2	0,40	19,1	0,0137	58,7	0,598	stainless steel	4C
T.042.040.0380.A	4,2	0,40	38,0	0,0062	146,3	0,734	music wire	4C
T.042.040.0380.I	4,2	0,40	38,0	0,0053	140,3	0,598	stainless steel	4C
T.043.032.0100.A	4,3	0,32	10,0	0,0230	25,7	0,385	music wire	4C
T.043.032.0100.I	4,3	0,32	10,0	0,0197	25,3	0,323	stainless steel	4C
T.043.032.0142.A	4,3	0,32	14,2	0,0083	57,8	0,385	music wire	4C
T.043.032.0142.I	4,3	0,32	14,2	0,0071	56,8	0,323	stainless steel	4C
T.043.032.0190.A	4,3	0,32	19,0	0,0048	94,6	0,385	music wire	4C
T.043.032.0190.I	4,3	0,32	19,0	0,0041	92,8	0,323	stainless steel	4C
T.043.032.0235.A	4,3	0,32	23,5	0,0034	129,0	0,385	music wire	4C
T.043.032.0235.I	4,3	0,32	23,5	0,0029	126,5	0,323	stainless steel	4C
T.043.040.0330.A	4,3	0,40	33,0	0,0069	129,1	0,723	music wire	4C
T.043.040.0330.I	4,3	0,40	33,0	0,0059	127,2	0,609	stainless steel	4C
T.043.050.0119.A	4,3	0,50	11,9	0,1209	21,9	1,353	music wire	4C
T.043.050.0119.I	4,3	0,50	11,9	0,1038	21,7	1,145	stainless steel	4C
T.043.050.0720.A	4,3	0,50	72,0	0,0089	206,7	1,353	music wire	4C
T.043.050.0720.I	4,3	0,50	72,0	0,0077	204,7	1,145	stainless steel	4C
T.044.025.0112.A	4,4	0,25	11,2	0,0044	51,9	0,185	music wire	4C
T.044.025.0112.I	4,4	0,25	11,2	0,0038	49,5	0,150	stainless steel	4C
T.044.025.0159.A	4,4	0,25	15,9	0,0018	117,2	0,185	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.044.025.0159.I	4,4	0,25	15,9	0,0015	111,3	0,150	stainless steel	4C
T.044.025.0173.A	4,4	0,25	17,3	0,0015	136,7	0,185	music wire	4C
T.044.025.0173.I	4,4	0,25	17,3	0,0013	129,7	0,150	stainless steel	4C
T.044.025.0191.A	4,4	0,25	19,1	0,0013	161,7	0,185	music wire	4C
T.044.025.0191.I	4,4	0,25	19,1	0,0011	153,4	0,150	stainless steel	4C
T.044.025.0220.A	4,4	0,25	22,0	0,0010	202,0	0,185	music wire	4C
T.044.025.0220.I	4,4	0,25	22,0	0,0009	191,5	0,150	stainless steel	4C
T.044.025.0224.A	4,4	0,25	22,4	0,0010	207,6	0,185	music wire	4C
T.044.025.0224.I	4,4	0,25	22,4	0,0008	196,8	0,150	stainless steel	4C
T.044.025.0254.A	4,4	0,25	25,4	0,0008	249,3	0,185	music wire	4C
T.044.025.0254.I	4,4	0,25	25,4	0,0007	236,2	0,150	stainless steel	4C
T.044.025.0260.A	4,4	0,25	26,0	0,0008	257,7	0,185	music wire	4C
T.044.025.0260.I	4,4	0,25	26,0	0,0007	244,1	0,150	stainless steel	4C
T.044.025.0380.A	4,4	0,25	38,0	0,0005	424,5	0,185	music wire	4C
T.044.025.0380.I	4,4	0,25	38,0	0,0004	402,0	0,150	stainless steel	4C
T.044.030.0127.A	4,4	0,30	12,7	0,0075	52,4	0,313	music wire	4C
T.044.030.0127.I	4,4	0,30	12,7	0,0064	51,4	0,263	stainless steel	4C
T.044.040.0109.A	4,4	0,40	10,9	0,0494	24,0	0,707	music wire	4C
T.044.040.0109.I	4,4	0,40	10,9	0,0424	23,8	0,596	stainless steel	4C
T.044.040.0111.A	4,4	0,40	11,1	0,0466	25,0	0,707	music wire	4C
T.044.040.0111.I	4,4	0,40	11,1	0,0400	24,7	0,596	stainless steel	4C
T.044.040.0161.A	4,4	0,40	16,1	0,0192	49,9	0,707	music wire	4C
T.044.040.0161.I	4,4	0,40	16,1	0,0165	49,2	0,596	stainless steel	4C
T.044.040.0221.A	4,4	0,40	22,1	0,0112	79,7	0,707	music wire	4C
T.044.040.0221.I	4,4	0,40	22,1	0,0097	78,6	0,596	stainless steel	4C
T.044.040.0250.A	4,4	0,40	25,0	0,0094	94,1	0,707	music wire	4C
T.044.040.0250.I	4,4	0,40	25,0	0,0080	92,8	0,596	stainless steel	4C
T.044.040.0278.A	4,4	0,40	27,8	0,0081	108,0	0,707	music wire	4C
T.044.040.0278.I	4,4	0,40	27,8	0,0069	106,5	0,596	stainless steel	4C
T.044.040.0310.A	4,4	0,40	31,0	0,0070	123,9	0,707	music wire	4C
T.044.040.0310.I	4,4	0,40	31,0	0,0060	122,1	0,596	stainless steel	4C
T.044.040.0342.A	4,4	0,40	34,2	0,0061	139,8	0,707	music wire	4C
T.044.040.0342.I	4,4	0,40	34,2	0,0053	137,8	0,596	stainless steel	4C
T.044.040.0374.A	4,4	0,40	37,4	0,0055	155,7	0,707	music wire	4C
T.044.040.0374.I	4,4	0,40	37,4	0,0047	153,5	0,596	stainless steel	4C
T.044.045.0097.A	4,4	0,45	9,7	0,1356	16,2	0,979	music wire	4C
T.044.045.0097.I	4,4	0,45	9,7	0,1164	15,9	0,799	stainless steel	4C
T.044.065.0151.A	4,4	0,65	15,1	0,2715	23,8	2,734	music wire	4C
T.044.065.0151.I	4,4	0,65	15,1	0,2332	23,4	2,243	stainless steel	4C
T.044.065.0174.A	4,4	0,65	17,4	0,2125	28,6	2,744	music wire	4C
T.044.065.0174.I	4,4	0,65	17,4	0,1825	28,5	2,336	stainless steel	4C
T.045.045.0159.A	4,5	0,45	15,9	0,0343	41,3	0,965	music wire	4C
T.045.045.0159.I	4,5	0,45	15,9	0,0295	40,9	0,815	stainless steel	4C
T.045.045.0191.A	4,5	0,45	19,1	0,0247	54,4	0,965	music wire	4C
T.045.045.0191.I	4,5	0,45	19,1	0,0212	53,8	0,815	stainless steel	4C
T.045.045.0220.A	4,5	0,45	22,0	0,0197	66,3	0,965	music wire	4C
T.045.045.0220.I	4,5	0,45	22,0	0,0169	65,5	0,815	stainless steel	4C
T.045.045.0250.A	4,5	0,45	25,0	0,0163	78,5	0,965	music wire	4C
T.045.045.0250.I	4,5	0,45	25,0	0,0140	77,6	0,815	stainless steel	4C
T.045.045.0290.A	4,5	0,45	29,0	0,0133	94,9	0,965	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.045.045.0290.I	4,5	0,45	29,0	0,0114	93,8	0,815	stainless steel	4C
T.045.045.0320.A	4,5	0,45	32,0	0,0116	107,1	0,965	music wire	4C
T.045.045.0320.I	4,5	0,45	32,0	0,0100	105,9	0,815	stainless steel	4C
T.045.045.0350.A	4,5	0,45	35,0	0,0103	119,4	0,965	music wire	4C
T.045.045.0350.I	4,5	0,45	35,0	0,0089	118,0	0,815	stainless steel	4C
T.045.045.0380.A	4,5	0,45	38,0	0,0093	131,6	0,965	music wire	4C
T.045.045.0380.I	4,5	0,45	38,0	0,0080	130,1	0,815	stainless steel	4C
T.045.045.0410.A	4,5	0,45	41,0	0,0085	143,9	0,965	music wire	4C
T.045.045.0410.I	4,5	0,45	41,0	0,0073	142,2	0,815	stainless steel	4C
T.045.045.0450.A	4,5	0,45	45,0	0,0076	160,2	0,965	music wire	4C
T.045.045.0450.I	4,5	0,45	45,0	0,0065	158,3	0,815	stainless steel	4C
T.045.045.0480.A	4,5	0,45	48,0	0,0070	172,5	0,965	music wire	4C
T.045.045.0480.I	4,5	0,45	48,0	0,0060	170,4	0,815	stainless steel	4C
T.045.045.0500.A	4,5	0,45	50,0	0,0067	180,6	0,965	music wire	4C
T.045.045.0500.I	4,5	0,45	50,0	0,0057	178,5	0,815	stainless steel	4C
T.045.045.0570.A	4,5	0,45	57,0	0,0057	209,2	0,965	music wire	4C
T.045.045.0570.I	4,5	0,45	57,0	0,0049	206,7	0,815	stainless steel	4C
T.045.045.0640.A	4,5	0,45	64,0	0,0050	237,8	0,965	music wire	4C
T.045.045.0640.I	4,5	0,45	64,0	0,0043	234,9	0,815	stainless steel	4C
T.045.050.0121.A	4,5	0,50	12,1	0,1081	22,8	1,296	music wire	4C
T.045.050.0121.I	4,5	0,50	12,1	0,0929	22,7	1,097	stainless steel	4C
T.045.050.0159.A	4,5	0,50	15,9	0,0592	35,5	1,296	music wire	4C
T.045.050.0159.I	4,5	0,50	15,9	0,0509	35,2	1,097	stainless steel	4C
T.045.050.0186.A	4,5	0,50	18,6	0,0448	44,5	1,296	music wire	4C
T.045.050.0186.I	4,5	0,50	18,6	0,0385	44,1	1,097	stainless steel	4C
T.045.050.0191.A	4,5	0,50	19,1	0,0429	46,1	1,296	music wire	4C
T.045.050.0191.I	4,5	0,50	19,1	0,0368	45,7	1,097	stainless steel	4C
T.045.050.0220.A	4,5	0,50	22,0	0,0343	55,8	1,296	music wire	4C
T.045.050.0220.I	4,5	0,50	22,0	0,0295	55,3	1,097	stainless steel	4C
T.045.050.0250.A	4,5	0,50	25,0	0,0284	65,8	1,296	music wire	4C
T.045.050.0250.I	4,5	0,50	25,0	0,0244	65,2	1,097	stainless steel	4C
T.045.050.0261.A	4,5	0,50	26,1	0,0267	69,5	1,296	music wire	4C
T.045.050.0261.I	4,5	0,50	26,1	0,0230	68,8	1,097	stainless steel	4C
T.045.050.0290.A	4,5	0,50	29,0	0,0231	79,1	1,296	music wire	4C
T.045.050.0290.I	4,5	0,50	29,0	0,0199	78,4	1,097	stainless steel	4C
T.045.050.0296.A	4,5	0,50	29,6	0,0225	81,1	1,296	music wire	4C
T.045.050.0296.I	4,5	0,50	29,6	0,0193	80,4	1,097	stainless steel	4C
T.045.050.0320.A	4,5	0,50	32,0	0,0203	89,1	1,296	music wire	4C
T.045.050.0320.I	4,5	0,50	32,0	0,0174	88,3	1,097	stainless steel	4C
T.045.050.0331.A	4,5	0,50	33,1	0,0194	92,8	1,296	music wire	4C
T.045.050.0331.I	4,5	0,50	33,1	0,0167	91,9	1,097	stainless steel	4C
T.045.050.0350.A	4,5	0,50	35,0	0,0181	99,1	1,296	music wire	4C
T.045.050.0350.I	4,5	0,50	35,0	0,0155	98,2	1,097	stainless steel	4C
T.045.050.0371.A	4,5	0,50	37,1	0,0168	106,1	1,296	music wire	4C
T.045.050.0371.I	4,5	0,50	37,1	0,0144	105,1	1,097	stainless steel	4C
T.045.050.0380.A	4,5	0,50	38,0	0,0163	109,1	1,296	music wire	4C
T.045.050.0380.I	4,5	0,50	38,0	0,0140	108,1	1,097	stainless steel	4C
T.045.050.0411.A	4,5	0,50	41,1	0,0148	119,4	1,296	music wire	4C
T.045.050.0411.I	4,5	0,50	41,1	0,0127	118,3	1,097	stainless steel	4C
T.045.050.0450.A	4,5	0,50	45,0	0,0133	132,4	1,296	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.045.050.0450.I	4,5	0,50	45,0	0,0114	131,1	1,097	stainless steel	4C
T.045.050.0451.A	4,5	0,50	45,1	0,0132	132,7	1,296	music wire	4C
T.045.050.0451.I	4,5	0,50	45,1	0,0114	131,5	1,097	stainless steel	4C
T.045.050.0480.A	4,5	0,50	48,0	0,0123	142,4	1,296	music wire	4C
T.045.050.0480.I	4,5	0,50	48,0	0,0105	141,0	1,097	stainless steel	4C
T.045.050.0500.A	4,5	0,50	50,0	0,0117	149,1	1,296	music wire	4C
T.045.050.0500.I	4,5	0,50	50,0	0,0101	147,6	1,097	stainless steel	4C
T.045.050.0570.A	4,5	0,50	57,0	0,0100	172,4	1,296	music wire	4C
T.045.050.0570.I	4,5	0,50	57,0	0,0086	170,7	1,097	stainless steel	4C
T.045.050.0640.A	4,5	0,50	64,0	0,0088	195,7	1,296	music wire	4C
T.045.050.0640.I	4,5	0,50	64,0	0,0076	193,8	1,097	stainless steel	4C
T.045.056.0410.A	4,5	0,56	41,0	0,0273	98,4	1,770	music wire	4C
T.045.056.0410.I	4,5	0,56	41,0	0,0234	95,4	1,449	stainless steel	4C
T.045.056.0480.A	4,5	0,56	48,0	0,0226	117,3	1,770	music wire	4C
T.045.056.0480.I	4,5	0,56	48,0	0,0194	113,7	1,449	stainless steel	4C
T.045.060.0159.A	4,5	0,60	15,9	0,1535	28,2	2,154	music wire	4C
T.045.060.0159.I	4,5	0,60	15,9	0,1318	28,1	1,831	stainless steel	4C
T.045.060.0191.A	4,5	0,60	19,1	0,1122	35,9	2,154	music wire	4C
T.045.060.0191.I	4,5	0,60	19,1	0,0964	35,8	1,831	stainless steel	4C
T.045.060.0220.A	4,5	0,60	22,0	0,0900	42,9	2,154	music wire	4C
T.045.060.0220.I	4,5	0,60	22,0	0,0775	42,7	1,831	stainless steel	4C
T.045.060.0240.A	4,5	0,60	24,0	0,0795	47,7	2,145	music wire	4C
T.045.060.0240.I	4,5	0,60	24,0	0,0683	46,4	1,758	stainless steel	4C
T.045.060.0250.A	4,5	0,60	25,0	0,0750	50,2	2,154	music wire	4C
T.045.060.0250.I	4,5	0,60	25,0	0,0644	49,9	1,831	stainless steel	4C
T.045.060.0260.A	4,5	0,60	26,0	0,0711	52,5	2,145	music wire	4C
T.045.060.0260.I	4,5	0,60	26,0	0,0611	51,1	1,758	stainless steel	4C
T.045.060.0270.A	4,5	0,60	27,0	0,0674	54,9	2,145	music wire	4C
T.045.060.0270.I	4,5	0,60	27,0	0,0579	53,4	1,758	stainless steel	4C
T.045.060.0290.A	4,5	0,60	29,0	0,0613	59,8	2,154	music wire	4C
T.045.060.0290.I	4,5	0,60	29,0	0,0526	59,5	1,831	stainless steel	4C
T.045.060.0320.A	4,5	0,60	32,0	0,0538	67,1	2,154	music wire	4C
T.045.060.0320.I	4,5	0,60	32,0	0,0463	66,7	1,831	stainless steel	4C
T.045.060.0350.A	4,5	0,60	35,0	0,0480	74,3	2,154	music wire	4C
T.045.060.0350.I	4,5	0,60	35,0	0,0413	73,9	1,831	stainless steel	4C
T.045.060.0380.A	4,5	0,60	38,0	0,0434	81,6	2,154	music wire	4C
T.045.060.0380.I	4,5	0,60	38,0	0,0372	81,1	1,831	stainless steel	4C
T.045.060.0450.A	4,5	0,60	45,0	0,0353	98,5	2,154	music wire	4C
T.045.060.0450.I	4,5	0,60	45,0	0,0303	97,9	1,831	stainless steel	4C
T.045.060.0460.A	4,5	0,60	46,0	0,0344	100,7	2,145	music wire	4C
T.045.060.0460.I	4,5	0,60	46,0	0,0295	97,9	1,758	stainless steel	4C
T.045.060.0500.A	4,5	0,60	50,0	0,0312	110,5	2,154	music wire	4C
T.045.060.0500.I	4,5	0,60	50,0	0,0268	109,9	1,831	stainless steel	4C
T.045.060.0570.A	4,5	0,60	57,0	0,0268	127,4	2,154	music wire	4C
T.045.060.0570.I	4,5	0,60	57,0	0,0230	126,7	1,831	stainless steel	4C
T.045.060.0630.A	4,5	0,60	63,0	0,0239	141,6	2,145	music wire	4C
T.045.060.0630.I	4,5	0,60	63,0	0,0206	137,5	1,758	stainless steel	4C
T.045.060.0640.A	4,5	0,60	64,0	0,0235	144,3	2,154	music wire	4C
T.045.060.0640.I	4,5	0,60	64,0	0,0202	143,5	1,831	stainless steel	4C
T.045.065.0121.A	4,5	0,65	12,1	0,4100	17,8	2,688	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.045.065.0121.I	4,5	0,65	12,1	0,3523	17,7	2,289	stainless steel	4C
T.045.065.0127.A	4,5	0,65	12,7	0,3666	19,1	2,688	music wire	4C
T.045.065.0127.I	4,5	0,65	12,7	0,3149	19,0	2,289	stainless steel	4C
T.045.065.0159.A	4,5	0,65	15,9	0,2341	25,9	2,688	music wire	4C
T.045.065.0159.I	4,5	0,65	15,9	0,2010	25,8	2,289	stainless steel	4C
T.045.065.0186.A	4,5	0,65	18,6	0,1793	31,6	2,688	music wire	4C
T.045.065.0186.I	4,5	0,65	18,6	0,1540	31,5	2,289	stainless steel	4C
T.045.065.0191.A	4,5	0,65	19,1	0,1719	32,7	2,688	music wire	4C
T.045.065.0191.I	4,5	0,65	19,1	0,1476	32,6	2,289	stainless steel	4C
T.045.065.0210.A	4,5	0,65	21,0	0,1482	36,7	2,679	music wire	4C
T.045.065.0210.I	4,5	0,65	21,0	0,1273	35,9	2,197	stainless steel	4C
T.045.065.0220.A	4,5	0,65	22,0	0,1386	38,9	2,688	music wire	4C
T.045.065.0220.I	4,5	0,65	22,0	0,1190	38,7	2,289	stainless steel	4C
T.045.065.0240.A	4,5	0,65	24,0	0,1221	43,1	2,679	music wire	4C
T.045.065.0240.I	4,5	0,65	24,0	0,1049	42,1	2,197	stainless steel	4C
T.045.065.0250.A	4,5	0,65	25,0	0,1154	45,2	2,688	music wire	4C
T.045.065.0250.I	4,5	0,65	25,0	0,0991	45,1	2,289	stainless steel	4C
T.045.065.0260.A	4,5	0,65	26,0	0,1091	47,3	2,679	music wire	4C
T.045.065.0260.I	4,5	0,65	26,0	0,0937	46,2	2,197	stainless steel	4C
T.045.065.0290.A	4,5	0,65	29,0	0,0944	53,8	2,688	music wire	4C
T.045.065.0290.I	4,5	0,65	29,0	0,0811	53,5	2,289	stainless steel	4C
T.045.065.0320.A	4,5	0,65	32,0	0,0830	60,1	2,688	music wire	4C
T.045.065.0320.I	4,5	0,65	32,0	0,0713	59,9	2,289	stainless steel	4C
T.045.065.0350.A	4,5	0,65	35,0	0,0741	66,5	2,688	music wire	4C
T.045.065.0350.I	4,5	0,65	35,0	0,0637	66,2	2,289	stainless steel	4C
T.045.065.0380.A	4,5	0,65	38,0	0,0669	72,9	2,688	music wire	4C
T.045.065.0380.I	4,5	0,65	38,0	0,0575	72,6	2,289	stainless steel	4C
T.045.065.0450.A	4,5	0,65	45,0	0,0546	87,8	2,688	music wire	4C
T.045.065.0450.I	4,5	0,65	45,0	0,0469	87,4	2,289	stainless steel	4C
T.045.065.0500.A	4,5	0,65	50,0	0,0482	98,4	2,688	music wire	4C
T.045.065.0500.I	4,5	0,65	50,0	0,0414	98,0	2,289	stainless steel	4C
T.045.065.0570.A	4,5	0,65	57,0	0,0415	113,3	2,688	music wire	4C
T.045.065.0570.I	4,5	0,65	57,0	0,0356	112,8	2,289	stainless steel	4C
T.045.065.0640.A	4,5	0,65	64,0	0,0364	128,2	2,688	music wire	4C
T.045.065.0640.I	4,5	0,65	64,0	0,0312	127,7	2,289	stainless steel	4C
T.045.065.0850.A	4,5	0,65	85,0	0,0266	172,6	2,679	music wire	4C
T.045.065.0850.I	4,5	0,65	85,0	0,0228	168,1	2,197	stainless steel	4C
T.045.075.0191.A	4,5	0,75	19,1	0,3705	28,3	3,971	music wire	4C
T.045.075.0191.I	4,5	0,75	19,1	0,3182	27,8	3,265	stainless steel	4C
T.045.075.0198.A	4,5	0,75	19,8	0,3513	29,5	3,971	music wire	4C
T.045.075.0198.I	4,5	0,75	19,8	0,3017	29,0	3,265	stainless steel	4C
T.045.075.0550.A	4,5	0,75	55,0	0,0951	90,7	3,971	music wire	4C
T.045.075.0550.I	4,5	0,75	55,0	0,0816	88,9	3,265	stainless steel	4C
T.045.075.0760.A	4,5	0,75	76,0	0,0662	127,2	3,971	music wire	4C
T.045.075.0760.I	4,5	0,75	76,0	0,0569	124,7	3,265	stainless steel	4C
T.045.080.0381.A	4,5	0,80	38,1	0,2091	57,3	4,735	music wire	4C
T.045.080.0381.I	4,5	0,80	38,1	0,1796	56,4	3,897	stainless steel	4C
T.045.085.0119.A	4,5	0,85	11,9	1,7088	14,6	5,580	music wire	4C
T.045.085.0119.I	4,5	0,85	11,9	1,4677	14,5	4,597	stainless steel	4C
T.045.085.0159.A	4,5	0,85	15,9	0,9837	20,7	5,588	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.045.085.0159.I	4,5	0,85	15,9	0,8449	20,7	4,788	stainless steel	4C
T.045.085.0191.A	4,5	0,85	19,1	0,7348	25,5	5,588	music wire	4C
T.045.085.0191.I	4,5	0,85	19,1	0,6312	25,5	4,788	stainless steel	4C
T.045.085.0220.A	4,5	0,85	22,0	0,5978	29,9	5,588	music wire	4C
T.045.085.0220.I	4,5	0,85	22,0	0,5134	29,8	4,788	stainless steel	4C
T.045.085.0250.A	4,5	0,85	25,0	0,5000	34,4	5,588	music wire	4C
T.045.085.0250.I	4,5	0,85	25,0	0,4304	34,4	4,788	stainless steel	4C
T.045.085.0290.A	4,5	0,85	29,0	0,4122	40,4	5,588	music wire	4C
T.045.085.0290.I	4,5	0,85	29,0	0,3541	40,4	4,788	stainless steel	4C
T.045.085.0320.A	4,5	0,85	32,0	0,3638	44,9	5,588	music wire	4C
T.045.085.0320.I	4,5	0,85	32,0	0,3125	44,9	4,788	stainless steel	4C
T.045.085.0350.A	4,5	0,85	35,0	0,3256	49,4	5,588	music wire	4C
T.045.085.0350.I	4,5	0,85	35,0	0,2797	49,4	4,788	stainless steel	4C
T.045.085.0380.A	4,5	0,85	38,0	0,2946	53,9	5,588	music wire	4C
T.045.085.0380.I	4,5	0,85	38,0	0,2531	53,9	4,788	stainless steel	4C
T.045.085.0430.A	4,5	0,85	43,0	0,2543	61,4	5,580	music wire	4C
T.045.085.0430.I	4,5	0,85	43,0	0,2184	60,6	4,597	stainless steel	4C
T.045.085.0450.A	4,5	0,85	45,0	0,2411	64,5	5,588	music wire	4C
T.045.085.0450.I	4,5	0,85	45,0	0,2071	64,4	4,788	stainless steel	4C
T.045.085.0500.A	4,5	0,85	50,0	0,2135	72,0	5,588	music wire	4C
T.045.085.0500.I	4,5	0,85	50,0	0,1833	72,0	4,788	stainless steel	4C
T.045.085.0570.A	4,5	0,85	57,0	0,1839	82,5	5,588	music wire	4C
T.045.085.0570.I	4,5	0,85	57,0	0,1579	82,5	4,788	stainless steel	4C
T.045.085.0640.A	4,5	0,85	64,0	0,1615	93,1	5,588	music wire	4C
T.045.085.0640.I	4,5	0,85	64,0	0,1387	93,0	4,788	stainless steel	4C
T.045.085.0700.A	4,5	0,85	70,0	0,1463	102,1	5,588	music wire	4C
T.045.085.0700.I	4,5	0,85	70,0	0,1256	102,0	4,788	stainless steel	4C
T.045.090.0142.A	4,5	0,90	14,2	1,6321	17,5	6,511	music wire	4E
T.045.090.0142.I	4,5	0,90	14,2	1,4018	17,5	5,588	stainless steel	4E
T.045.090.0196.A	4,5	0,90	19,6	0,9694	25,2	6,511	music wire	4E
T.045.090.0196.I	4,5	0,90	19,6	0,8326	25,2	5,588	stainless steel	4E
T.045.090.0277.A	4,5	0,90	27,7	0,6025	36,7	6,511	music wire	4E
T.045.090.0277.I	4,5	0,90	27,7	0,5175	36,7	5,588	stainless steel	4E
T.045.090.0412.A	4,5	0,90	41,2	0,3694	55,9	6,511	music wire	4E
T.045.090.0412.I	4,5	0,90	41,2	0,3173	55,9	5,588	stainless steel	4E
T.045.090.0592.A	4,5	0,90	59,2	0,2437	81,5	6,511	music wire	4E
T.045.090.0592.I	4,5	0,90	59,2	0,2093	81,5	5,588	stainless steel	4E
T.046.035.0157.A	4,6	0,35	15,7	0,0092	62,7	0,465	music wire	4C
T.046.035.0157.I	4,6	0,35	15,7	0,0079	61,7	0,391	stainless steel	4C
T.046.035.0190.A	4,6	0,35	19,0	0,0064	86,6	0,465	music wire	4C
T.046.035.0190.I	4,6	0,35	19,0	0,0055	85,1	0,391	stainless steel	4C
T.046.035.0254.A	4,6	0,35	25,4	0,0040	132,9	0,465	music wire	4C
T.046.035.0254.I	4,6	0,35	25,4	0,0035	130,6	0,391	stainless steel	4C
T.046.035.0318.A	4,6	0,35	31,8	0,0029	179,2	0,465	music wire	4C
T.046.035.0318.I	4,6	0,35	31,8	0,0025	176,0	0,391	stainless steel	4C
T.046.035.0381.A	4,6	0,35	38,1	0,0023	224,7	0,465	music wire	4C
T.046.035.0381.I	4,6	0,35	38,1	0,0020	220,7	0,391	stainless steel	4C
T.046.036.0159.A	4,6	0,36	15,9	0,0104	61,0	0,503	music wire	4C
T.046.036.0159.I	4,6	0,36	15,9	0,0089	60,1	0,423	stainless steel	4C
T.046.036.0191.A	4,6	0,36	19,1	0,0074	82,8	0,503	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.036.0191.I	4,6	0,36	19,1	0,0063	81,4	0,423	stainless steel	4C
T.046.036.0250.A	4,6	0,36	25,0	0,0048	122,9	0,503	music wire	4C
T.046.036.0250.I	4,6	0,36	25,0	0,0041	120,8	0,423	stainless steel	4C
T.046.036.0320.A	4,6	0,36	32,0	0,0034	170,5	0,503	music wire	4C
T.046.036.0320.I	4,6	0,36	32,0	0,0029	167,6	0,423	stainless steel	4C
T.046.040.0097.A	4,6	0,40	9,7	0,0838	17,1	0,673	music wire	4C
T.046.040.0097.I	4,6	0,40	9,7	0,0720	16,7	0,548	stainless steel	4C
T.046.040.0112.A	4,6	0,40	11,2	0,0440	25,3	0,673	music wire	4C
T.046.040.0112.I	4,6	0,40	11,2	0,0378	24,5	0,548	stainless steel	4C
T.046.040.0119.A	4,6	0,40	11,9	0,0359	29,1	0,673	music wire	4C
T.046.040.0119.I	4,6	0,40	11,9	0,0309	28,2	0,548	stainless steel	4C
T.046.040.0157.A	4,6	0,40	15,7	0,0183	49,5	0,673	music wire	4C
T.046.040.0157.I	4,6	0,40	15,7	0,0157	47,6	0,548	stainless steel	4C
T.046.040.0159.A	4,6	0,40	15,9	0,0178	50,7	0,673	music wire	4C
T.046.040.0159.I	4,6	0,40	15,9	0,0153	48,8	0,548	stainless steel	4C
T.046.040.0220.A	4,6	0,40	22,0	0,0101	83,5	0,673	music wire	4C
T.046.040.0220.I	4,6	0,40	22,0	0,0086	80,2	0,548	stainless steel	4C
T.046.040.0224.A	4,6	0,40	22,4	0,0098	85,7	0,673	music wire	4C
T.046.040.0224.I	4,6	0,40	22,4	0,0084	82,2	0,548	stainless steel	4C
T.046.040.0254.A	4,6	0,40	25,4	0,0081	101,9	0,673	music wire	4C
T.046.040.0254.I	4,6	0,40	25,4	0,0070	97,7	0,548	stainless steel	4C
T.046.040.0284.A	4,6	0,40	28,4	0,0069	118,1	0,673	music wire	4C
T.046.040.0284.I	4,6	0,40	28,4	0,0059	113,1	0,548	stainless steel	4C
T.046.040.0318.A	4,6	0,40	31,8	0,0059	136,4	0,673	music wire	4C
T.046.040.0318.I	4,6	0,40	31,8	0,0051	130,7	0,548	stainless steel	4C
T.046.040.0348.A	4,6	0,40	34,8	0,0053	152,6	0,673	music wire	4C
T.046.040.0348.I	4,6	0,40	34,8	0,0045	146,1	0,548	stainless steel	4C
T.046.040.0360.A	4,6	0,40	36,0	0,0050	159,1	0,673	music wire	4C
T.046.040.0360.I	4,6	0,40	36,0	0,0043	152,3	0,548	stainless steel	4C
T.046.040.0370.A	4,6	0,40	37,0	0,0049	164,5	0,673	music wire	4C
T.046.040.0370.I	4,6	0,40	37,0	0,0042	157,5	0,548	stainless steel	4C
T.046.040.0381.A	4,6	0,40	38,1	0,0047	170,3	0,673	music wire	4C
T.046.040.0381.I	4,6	0,40	38,1	0,0040	163,0	0,548	stainless steel	4C
T.046.040.0420.A	4,6	0,40	42,0	0,0041	191,5	0,673	music wire	4C
T.046.040.0420.I	4,6	0,40	42,0	0,0036	183,2	0,548	stainless steel	4C
T.046.040.0444.A	4,6	0,40	44,4	0,0039	204,4	0,673	music wire	4C
T.046.040.0444.I	4,6	0,40	44,4	0,0033	195,6	0,548	stainless steel	4C
T.046.040.0460.A	4,6	0,40	46,0	0,0037	213,0	0,673	music wire	4C
T.046.040.0460.I	4,6	0,40	46,0	0,0032	203,8	0,548	stainless steel	4C
T.046.040.0508.A	4,6	0,40	50,8	0,0033	238,9	0,673	music wire	4C
T.046.040.0508.I	4,6	0,40	50,8	0,0028	228,6	0,548	stainless steel	4C
T.046.040.1020.A	4,6	0,40	102,0	0,0015	515,2	0,673	music wire	4C
T.046.040.1020.I	4,6	0,40	102,0	0,0013	492,5	0,548	stainless steel	4C
T.046.040.2030.A	4,6	0,40	203,0	0,0007	1060,1	0,673	music wire	4C
T.046.040.2030.I	4,6	0,40	203,0	0,0006	1013,0	0,548	stainless steel	4D
T.046.045.0157.A	4,6	0,45	15,7	0,0335	41,3	0,945	music wire	4C
T.046.045.0157.I	4,6	0,45	15,7	0,0288	40,8	0,798	stainless steel	4C
T.046.045.0190.A	4,6	0,45	19,0	0,0236	55,3	0,945	music wire	4C
T.046.045.0190.I	4,6	0,45	19,0	0,0203	54,7	0,798	stainless steel	4C
T.046.045.0224.A	4,6	0,45	22,4	0,0181	69,8	0,945	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.045.0224.I	4,6	0,45	22,4	0,0155	69,0	0,798	stainless steel	4C
T.046.045.0254.A	4,6	0,45	25,4	0,0150	82,6	0,945	music wire	4C
T.046.045.0254.I	4,6	0,45	25,4	0,0129	81,6	0,798	stainless steel	4C
T.046.045.0284.A	4,6	0,45	28,4	0,0128	95,4	0,945	music wire	4C
T.046.045.0284.I	4,6	0,45	28,4	0,0110	94,2	0,798	stainless steel	4C
T.046.045.0318.A	4,6	0,45	31,8	0,0110	109,8	0,945	music wire	4C
T.046.045.0318.I	4,6	0,45	31,8	0,0094	108,5	0,798	stainless steel	4C
T.046.045.0348.A	4,6	0,45	34,8	0,0098	122,6	0,945	music wire	4C
T.046.045.0348.I	4,6	0,45	34,8	0,0084	121,1	0,798	stainless steel	4C
T.046.045.0381.A	4,6	0,45	38,1	0,0087	136,7	0,945	music wire	4C
T.046.045.0381.I	4,6	0,45	38,1	0,0075	135,0	0,798	stainless steel	4C
T.046.045.0444.A	4,6	0,45	44,4	0,0072	163,5	0,945	music wire	4C
T.046.045.0444.I	4,6	0,45	44,4	0,0062	161,5	0,798	stainless steel	4C
T.046.045.0508.A	4,6	0,45	50,8	0,0061	190,7	0,945	music wire	4C
T.046.045.0508.I	4,6	0,45	50,8	0,0053	188,4	0,798	stainless steel	4C
T.046.045.0572.A	4,6	0,45	57,2	0,0053	218,0	0,945	music wire	4C
T.046.045.0572.I	4,6	0,45	57,2	0,0046	215,3	0,798	stainless steel	4C
T.046.045.0635.A	4,6	0,45	63,5	0,0047	244,8	0,945	music wire	4C
T.046.045.0635.I	4,6	0,45	63,5	0,0041	241,8	0,798	stainless steel	4C
T.046.050.0095.A	4,6	0,50	9,5	0,2566	13,9	1,263	music wire	4C
T.046.050.0095.I	4,6	0,50	9,5	0,2204	13,7	1,032	stainless steel	4C
T.046.050.0097.A	4,6	0,50	9,7	0,2310	14,6	1,263	music wire	4C
T.046.050.0097.I	4,6	0,50	9,7	0,1984	14,3	1,032	stainless steel	4C
T.046.050.0157.A	4,6	0,50	15,7	0,0577	35,4	1,270	music wire	4C
T.046.050.0157.I	4,6	0,50	15,7	0,0496	35,1	1,075	stainless steel	4C
T.046.050.0224.A	4,6	0,50	22,4	0,0314	58,6	1,270	music wire	4C
T.046.050.0224.I	4,6	0,50	22,4	0,0270	58,1	1,075	stainless steel	4C
T.046.050.0284.A	4,6	0,50	28,4	0,0223	79,4	1,270	music wire	4C
T.046.050.0284.I	4,6	0,50	28,4	0,0192	78,7	1,075	stainless steel	4C
T.046.050.0318.A	4,6	0,50	31,8	0,0192	91,2	1,270	music wire	4C
T.046.050.0318.I	4,6	0,50	31,8	0,0165	90,3	1,075	stainless steel	4C
T.046.050.0348.A	4,6	0,50	34,8	0,0170	101,6	1,270	music wire	4C
T.046.050.0348.I	4,6	0,50	34,8	0,0146	100,6	1,075	stainless steel	4C
T.046.050.0381.A	4,6	0,50	38,1	0,0152	113,0	1,270	music wire	4C
T.046.050.0381.I	4,6	0,50	38,1	0,0131	111,9	1,075	stainless steel	4C
T.046.050.0508.A	4,6	0,50	50,8	0,0107	157,0	1,270	music wire	4C
T.046.050.0508.I	4,6	0,50	50,8	0,0092	155,5	1,075	stainless steel	4C
T.046.050.0572.A	4,6	0,50	57,2	0,0093	179,2	1,270	music wire	4C
T.046.050.0572.I	4,6	0,50	57,2	0,0080	177,4	1,075	stainless steel	4C
T.046.050.0635.A	4,6	0,50	63,5	0,0083	201,0	1,270	music wire	4C
T.046.050.0635.I	4,6	0,50	63,5	0,0071	199,0	1,075	stainless steel	4C
T.046.055.0127.A	4,6	0,55	12,7	0,1499	22,5	1,657	music wire	4C
T.046.055.0127.I	4,6	0,55	12,7	0,1287	22,4	1,406	stainless steel	4C
T.046.055.0157.A	4,6	0,55	15,7	0,0947	31,2	1,657	music wire	4C
T.046.055.0157.I	4,6	0,55	15,7	0,0813	31,0	1,406	stainless steel	4C
T.046.055.0190.A	4,6	0,55	19,0	0,0674	40,8	1,657	music wire	4C
T.046.055.0190.I	4,6	0,55	19,0	0,0579	40,5	1,406	stainless steel	4C
T.046.055.0224.A	4,6	0,55	22,4	0,0520	50,7	1,657	music wire	4C
T.046.055.0224.I	4,6	0,55	22,4	0,0446	50,3	1,406	stainless steel	4C
T.046.055.0254.A	4,6	0,55	25,4	0,0432	59,4	1,657	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.055.0254.I	4,6	0,55	25,4	0,0371	59,0	1,406	stainless steel	4C
T.046.055.0284.A	4,6	0,55	28,4	0,0370	68,1	1,657	music wire	4C
T.046.055.0284.I	4,6	0,55	28,4	0,0318	67,6	1,406	stainless steel	4C
T.046.055.0318.A	4,6	0,55	31,8	0,0318	78,0	1,657	music wire	4C
T.046.055.0318.I	4,6	0,55	31,8	0,0273	77,4	1,406	stainless steel	4C
T.046.055.0348.A	4,6	0,55	34,8	0,0283	86,7	1,657	music wire	4C
T.046.055.0348.I	4,6	0,55	34,8	0,0243	86,1	1,406	stainless steel	4C
T.046.055.0381.A	4,6	0,55	38,1	0,0253	96,3	1,657	music wire	4C
T.046.055.0381.I	4,6	0,55	38,1	0,0217	95,6	1,406	stainless steel	4C
T.046.055.0444.A	4,6	0,55	44,4	0,0209	114,6	1,657	music wire	4C
T.046.055.0444.I	4,6	0,55	44,4	0,0180	113,7	1,406	stainless steel	4C
T.046.055.0508.A	4,6	0,55	50,8	0,0178	133,2	1,657	music wire	4C
T.046.055.0508.I	4,6	0,55	50,8	0,0153	132,2	1,406	stainless steel	4C
T.046.055.0572.A	4,6	0,55	57,2	0,0155	151,8	1,657	music wire	4C
T.046.055.0572.I	4,6	0,55	57,2	0,0134	150,6	1,406	stainless steel	4C
T.046.055.0635.A	4,6	0,55	63,5	0,0138	170,1	1,657	music wire	4C
T.046.055.0635.I	4,6	0,55	63,5	0,0118	168,8	1,406	stainless steel	4C
T.046.056.0127.A	4,6	0,56	12,7	0,1643	22,1	1,743	music wire	4C
T.046.056.0127.I	4,6	0,56	12,7	0,1411	22,0	1,479	stainless steel	4C
T.046.056.0159.A	4,6	0,56	15,9	0,1015	31,1	1,743	music wire	4C
T.046.056.0159.I	4,6	0,56	15,9	0,0872	30,9	1,479	stainless steel	4C
T.046.056.0220.A	4,6	0,56	22,0	0,0588	48,3	1,743	music wire	4C
T.046.056.0220.I	4,6	0,56	22,0	0,0505	47,9	1,479	stainless steel	4C
T.046.056.0250.A	4,6	0,56	25,0	0,0487	56,7	1,743	music wire	4C
T.046.056.0250.I	4,6	0,56	25,0	0,0418	56,3	1,479	stainless steel	4C
T.046.056.0290.A	4,6	0,56	29,0	0,0396	68,0	1,743	music wire	4C
T.046.056.0290.I	4,6	0,56	29,0	0,0340	67,5	1,479	stainless steel	4C
T.046.056.0320.A	4,6	0,56	32,0	0,0348	76,4	1,743	music wire	4C
T.046.056.0320.I	4,6	0,56	32,0	0,0299	75,9	1,479	stainless steel	4C
T.046.056.0350.A	4,6	0,56	35,0	0,0310	84,8	1,743	music wire	4C
T.046.056.0350.I	4,6	0,56	35,0	0,0266	84,2	1,479	stainless steel	4C
T.046.056.0380.A	4,6	0,56	38,0	0,0279	93,3	1,743	music wire	4C
T.046.056.0380.I	4,6	0,56	38,0	0,0240	92,6	1,479	stainless steel	4C
T.046.056.0450.A	4,6	0,56	45,0	0,0227	113,0	1,743	music wire	4C
T.046.056.0450.I	4,6	0,56	45,0	0,0195	112,2	1,479	stainless steel	4C
T.046.056.0500.A	4,6	0,56	50,0	0,0200	127,0	1,743	music wire	4C
T.046.056.0500.I	4,6	0,56	50,0	0,0172	126,1	1,479	stainless steel	4C
T.046.056.0570.A	4,6	0,56	57,0	0,0172	146,7	1,743	music wire	4C
T.046.056.0570.I	4,6	0,56	57,0	0,0148	145,7	1,479	stainless steel	4C
T.046.056.0640.A	4,6	0,56	64,0	0,0151	166,4	1,743	music wire	4C
T.046.056.0640.I	4,6	0,56	64,0	0,0129	165,2	1,479	stainless steel	4C
T.046.060.0157.A	4,6	0,60	15,7	0,1491	28,1	2,111	music wire	4C
T.046.060.0157.I	4,6	0,60	15,7	0,1281	28,0	1,794	stainless steel	4C
T.046.060.0190.A	4,6	0,60	19,0	0,1067	36,4	2,111	music wire	4C
T.046.060.0190.I	4,6	0,60	19,0	0,0916	36,2	1,794	stainless steel	4C
T.046.060.0224.A	4,6	0,60	22,4	0,0825	44,9	2,111	music wire	4C
T.046.060.0224.I	4,6	0,60	22,4	0,0709	44,6	1,794	stainless steel	4C
T.046.060.0254.A	4,6	0,60	25,4	0,0688	52,4	2,111	music wire	4C
T.046.060.0254.I	4,6	0,60	25,4	0,0591	52,1	1,794	stainless steel	4C
T.046.060.0284.A	4,6	0,60	28,4	0,0589	59,9	2,111	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.060.0284.I	4,6	0,60	28,4	0,0506	59,5	1,794	stainless steel	4C
T.046.060.0318.A	4,6	0,60	31,8	0,0507	68,4	2,111	music wire	4C
T.046.060.0318.I	4,6	0,60	31,8	0,0436	68,0	1,794	stainless steel	4C
T.046.060.0348.A	4,6	0,60	34,8	0,0452	75,9	2,111	music wire	4C
T.046.060.0348.I	4,6	0,60	34,8	0,0388	75,4	1,794	stainless steel	4C
T.046.060.0381.A	4,6	0,60	38,1	0,0403	84,1	2,111	music wire	4C
T.046.060.0381.I	4,6	0,60	38,1	0,0346	83,6	1,794	stainless steel	4C
T.046.060.0444.A	4,6	0,60	44,4	0,0335	99,9	2,111	music wire	4C
T.046.060.0444.I	4,6	0,60	44,4	0,0287	99,3	1,794	stainless steel	4C
T.046.060.0508.A	4,6	0,60	50,8	0,0285	115,9	2,111	music wire	4C
T.046.060.0508.I	4,6	0,60	50,8	0,0245	115,2	1,794	stainless steel	4C
T.046.060.0572.A	4,6	0,60	57,2	0,0249	131,9	2,111	music wire	4C
T.046.060.0572.I	4,6	0,60	57,2	0,0213	131,1	1,794	stainless steel	4C
T.046.060.0635.A	4,6	0,60	63,5	0,0221	147,6	2,111	music wire	4C
T.046.060.0635.I	4,6	0,60	63,5	0,0190	146,7	1,794	stainless steel	4C
T.046.065.0127.A	4,6	0,65	12,7	0,3519	19,2	2,635	music wire	4C
T.046.065.0127.I	4,6	0,65	12,7	0,3023	19,2	2,244	stainless steel	4C
T.046.065.0135.A	4,6	0,65	13,5	0,3069	21,0	2,635	music wire	4C
T.046.065.0135.I	4,6	0,65	13,5	0,2636	20,9	2,244	stainless steel	4C
T.046.065.0157.A	4,6	0,65	15,7	0,2270	25,8	2,635	music wire	4C
T.046.065.0157.I	4,6	0,65	15,7	0,1950	25,7	2,244	stainless steel	4C
T.046.065.0190.A	4,6	0,65	19,0	0,1632	33,1	2,635	music wire	4C
T.046.065.0190.I	4,6	0,65	19,0	0,1402	32,9	2,244	stainless steel	4C
T.046.065.0217.A	4,6	0,65	21,7	0,1327	39,0	2,635	music wire	4C
T.046.065.0217.I	4,6	0,65	21,7	0,1140	38,8	2,244	stainless steel	4C
T.046.065.0224.A	4,6	0,65	22,4	0,1266	40,5	2,635	music wire	4C
T.046.065.0224.I	4,6	0,65	22,4	0,1087	40,4	2,244	stainless steel	4C
T.046.065.0254.A	4,6	0,65	25,4	0,1057	47,1	2,635	music wire	4C
T.046.065.0254.I	4,6	0,65	25,4	0,0908	46,9	2,244	stainless steel	4C
T.046.065.0284.A	4,6	0,65	28,4	0,0907	53,7	2,635	music wire	4C
T.046.065.0284.I	4,6	0,65	28,4	0,0779	53,5	2,244	stainless steel	4C
T.046.065.0312.A	4,6	0,65	31,2	0,0800	59,9	2,635	music wire	4C
T.046.065.0312.I	4,6	0,65	31,2	0,0688	59,6	2,244	stainless steel	4C
T.046.065.0318.A	4,6	0,65	31,8	0,0781	61,2	2,635	music wire	4C
T.046.065.0318.I	4,6	0,65	31,8	0,0671	60,9	2,244	stainless steel	4C
T.046.065.0348.A	4,6	0,65	34,8	0,0696	67,8	2,635	music wire	4C
T.046.065.0348.I	4,6	0,65	34,8	0,0598	67,5	2,244	stainless steel	4C
T.046.065.0356.A	4,6	0,65	35,6	0,0677	69,5	2,635	music wire	4C
T.046.065.0356.I	4,6	0,65	35,6	0,0581	69,2	2,244	stainless steel	4C
T.046.065.0381.A	4,6	0,65	38,1	0,0622	75,0	2,635	music wire	4C
T.046.065.0381.I	4,6	0,65	38,1	0,0534	74,7	2,244	stainless steel	4C
T.046.065.0400.A	4,6	0,65	40,0	0,0586	79,2	2,635	music wire	4C
T.046.065.0400.I	4,6	0,65	40,0	0,0503	78,9	2,244	stainless steel	4C
T.046.065.0444.A	4,6	0,65	44,4	0,0516	88,9	2,635	music wire	4C
T.046.065.0444.I	4,6	0,65	44,4	0,0443	88,5	2,244	stainless steel	4C
T.046.065.0451.A	4,6	0,65	45,1	0,0507	90,4	2,635	music wire	4C
T.046.065.0451.I	4,6	0,65	45,1	0,0435	90,0	2,244	stainless steel	4C
T.046.065.0501.A	4,6	0,65	50,1	0,0448	101,4	2,635	music wire	4C
T.046.065.0501.I	4,6	0,65	50,1	0,0384	100,9	2,244	stainless steel	4C
T.046.065.0508.A	4,6	0,65	50,8	0,0440	102,9	2,635	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.065.0508.I	4,6	0,65	50,8	0,0378	102,5	2,244	stainless steel	4C
T.046.065.0552.A	4,6	0,65	55,2	0,0400	112,6	2,635	music wire	4C
T.046.065.0552.I	4,6	0,65	55,2	0,0344	112,1	2,244	stainless steel	4C
T.046.065.0572.A	4,6	0,65	57,2	0,0384	117,0	2,635	music wire	4C
T.046.065.0572.I	4,6	0,65	57,2	0,0330	116,5	2,244	stainless steel	4C
T.046.065.0635.A	4,6	0,65	63,5	0,0341	130,8	2,635	music wire	4C
T.046.065.0635.I	4,6	0,65	63,5	0,0293	130,2	2,244	stainless steel	4C
T.046.075.0157.A	4,6	0,75	15,7	0,4842	22,6	3,905	music wire	4C
T.046.075.0157.I	4,6	0,75	15,7	0,4158	22,6	3,336	stainless steel	4C
T.046.075.0159.A	4,6	0,75	15,9	0,4733	23,0	3,905	music wire	4C
T.046.075.0159.I	4,6	0,75	15,9	0,4065	22,9	3,336	stainless steel	4C
T.046.075.0190.A	4,6	0,75	19,0	0,3516	28,5	3,905	music wire	4C
T.046.075.0190.I	4,6	0,75	19,0	0,3020	28,5	3,336	stainless steel	4C
T.046.075.0220.A	4,6	0,75	22,0	0,2815	33,9	3,905	music wire	4C
T.046.075.0220.I	4,6	0,75	22,0	0,2418	33,8	3,336	stainless steel	4C
T.046.075.0224.A	4,6	0,75	22,4	0,2742	34,6	3,905	music wire	4C
T.046.075.0224.I	4,6	0,75	22,4	0,2355	34,5	3,336	stainless steel	4C
T.046.075.0250.A	4,6	0,75	25,0	0,2347	39,3	3,905	music wire	4C
T.046.075.0250.I	4,6	0,75	25,0	0,2016	39,2	3,336	stainless steel	4C
T.046.075.0254.A	4,6	0,75	25,4	0,2296	40,0	3,905	music wire	4C
T.046.075.0254.I	4,6	0,75	25,4	0,1972	39,9	3,336	stainless steel	4C
T.046.075.0284.A	4,6	0,75	28,4	0,1975	45,3	3,905	music wire	4C
T.046.075.0284.I	4,6	0,75	28,4	0,1696	45,2	3,336	stainless steel	4C
T.046.075.0290.A	4,6	0,75	29,0	0,1921	46,4	3,905	music wire	4C
T.046.075.0290.I	4,6	0,75	29,0	0,1650	46,3	3,336	stainless steel	4C
T.046.075.0318.A	4,6	0,75	31,8	0,1705	51,4	3,905	music wire	4C
T.046.075.0318.I	4,6	0,75	31,8	0,1464	51,3	3,336	stainless steel	4C
T.046.075.0320.A	4,6	0,75	32,0	0,1691	51,8	3,905	music wire	4C
T.046.075.0320.I	4,6	0,75	32,0	0,1453	51,7	3,336	stainless steel	4C
T.046.075.0348.A	4,6	0,75	34,8	0,1521	56,8	3,905	music wire	4C
T.046.075.0348.I	4,6	0,75	34,8	0,1306	56,7	3,336	stainless steel	4C
T.046.075.0350.A	4,6	0,75	35,0	0,1510	57,1	3,905	music wire	4C
T.046.075.0350.I	4,6	0,75	35,0	0,1297	57,0	3,336	stainless steel	4C
T.046.075.0380.A	4,6	0,75	38,0	0,1364	62,5	3,905	music wire	4C
T.046.075.0380.I	4,6	0,75	38,0	0,1172	62,4	3,336	stainless steel	4C
T.046.075.0381.A	4,6	0,75	38,1	0,1360	62,7	3,905	music wire	4C
T.046.075.0381.I	4,6	0,75	38,1	0,1168	62,6	3,336	stainless steel	4C
T.046.075.0444.A	4,6	0,75	44,4	0,1131	74,0	3,905	music wire	4C
T.046.075.0444.I	4,6	0,75	44,4	0,0972	73,8	3,336	stainless steel	4C
T.046.075.0450.A	4,6	0,75	45,0	0,1113	75,0	3,905	music wire	4C
T.046.075.0450.I	4,6	0,75	45,0	0,0956	74,9	3,336	stainless steel	4C
T.046.075.0500.A	4,6	0,75	50,0	0,0984	84,0	3,905	music wire	4C
T.046.075.0500.I	4,6	0,75	50,0	0,0845	83,8	3,336	stainless steel	4C
T.046.075.0508.A	4,6	0,75	50,8	0,0966	85,4	3,905	music wire	4C
T.046.075.0508.I	4,6	0,75	50,8	0,0830	85,2	3,336	stainless steel	4C
T.046.075.0570.A	4,6	0,75	57,0	0,0846	96,5	3,905	music wire	4C
T.046.075.0570.I	4,6	0,75	57,0	0,0727	96,3	3,336	stainless steel	4C
T.046.075.0572.A	4,6	0,75	57,2	0,0843	96,9	3,905	music wire	4C
T.046.075.0572.I	4,6	0,75	57,2	0,0724	96,7	3,336	stainless steel	4C
T.046.075.0635.A	4,6	0,75	63,5	0,0749	108,2	3,905	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.075.0635.I	4,6	0,75	63,5	0,0643	107,9	3,336	stainless steel	4C
T.046.075.0640.A	4,6	0,75	64,0	0,0743	109,0	3,905	music wire	4C
T.046.075.0640.I	4,6	0,75	64,0	0,0638	108,8	3,336	stainless steel	4C
T.046.080.0127.A	4,6	0,80	12,7	1,0311	16,5	4,655	music wire	4C
T.046.080.0127.I	4,6	0,80	12,7	0,8856	16,5	3,983	stainless steel	4C
T.046.080.0157.A	4,6	0,80	15,7	0,6836	21,5	4,655	music wire	4C
T.046.080.0157.I	4,6	0,80	15,7	0,5871	21,5	3,983	stainless steel	4C
T.046.080.0159.A	4,6	0,80	15,9	0,6685	21,8	4,655	music wire	4C
T.046.080.0159.I	4,6	0,80	15,9	0,5742	21,8	3,983	stainless steel	4C
T.046.080.0190.A	4,6	0,80	19,0	0,5000	26,9	4,655	music wire	4C
T.046.080.0190.I	4,6	0,80	19,0	0,4283	26,9	3,983	stainless steel	4C
T.046.080.0191.A	4,6	0,80	19,1	0,4946	27,1	4,655	music wire	4C
T.046.080.0191.I	4,6	0,80	19,1	0,4248	27,1	3,983	stainless steel	4C
T.046.080.0220.A	4,6	0,80	22,0	0,4000	31,9	4,655	music wire	4C
T.046.080.0220.I	4,6	0,80	22,0	0,3438	31,8	3,983	stainless steel	4C
T.046.080.0224.A	4,6	0,80	22,4	0,3900	32,5	4,655	music wire	4C
T.046.080.0224.I	4,6	0,80	22,4	0,3350	32,5	3,983	stainless steel	4C
T.046.080.0254.A	4,6	0,80	25,4	0,3271	37,5	4,655	music wire	4C
T.046.080.0254.I	4,6	0,80	25,4	0,2809	37,5	3,983	stainless steel	4C
T.046.080.0284.A	4,6	0,80	28,4	0,2817	42,4	4,655	music wire	4C
T.046.080.0284.I	4,6	0,80	28,4	0,2419	42,4	3,983	stainless steel	4C
T.046.080.0290.A	4,6	0,80	29,0	0,2740	43,4	4,655	music wire	4C
T.046.080.0290.I	4,6	0,80	29,0	0,2354	43,4	3,983	stainless steel	4C
T.046.080.0318.A	4,6	0,80	31,8	0,2433	48,1	4,655	music wire	4C
T.046.080.0318.I	4,6	0,80	31,8	0,2090	48,0	3,983	stainless steel	4C
T.046.080.0320.A	4,6	0,80	32,0	0,2414	48,4	4,655	music wire	4C
T.046.080.0320.I	4,6	0,80	32,0	0,2074	48,3	3,983	stainless steel	4C
T.046.080.0348.A	4,6	0,80	34,8	0,2173	53,0	4,655	music wire	4C
T.046.080.0348.I	4,6	0,80	34,8	0,1866	52,9	3,983	stainless steel	4C
T.046.080.0350.A	4,6	0,80	35,0	0,2157	53,3	4,655	music wire	4C
T.046.080.0350.I	4,6	0,80	35,0	0,1853	53,3	3,983	stainless steel	4C
T.046.080.0380.A	4,6	0,80	38,0	0,1950	58,3	4,655	music wire	4C
T.046.080.0380.I	4,6	0,80	38,0	0,1675	58,2	3,983	stainless steel	4C
T.046.080.0450.A	4,6	0,80	45,0	0,1593	69,8	4,655	music wire	4C
T.046.080.0450.I	4,6	0,80	45,0	0,1368	69,7	3,983	stainless steel	4C
T.046.080.0500.A	4,6	0,80	50,0	0,1408	78,1	4,655	music wire	4C
T.046.080.0500.I	4,6	0,80	50,0	0,1210	78,0	3,983	stainless steel	4C
T.046.080.0508.A	4,6	0,80	50,8	0,1383	79,4	4,655	music wire	4C
T.046.080.0508.I	4,6	0,80	50,8	0,1188	79,3	3,983	stainless steel	4C
T.046.080.0570.A	4,6	0,80	57,0	0,1212	89,6	4,655	music wire	4C
T.046.080.0570.I	4,6	0,80	57,0	0,1041	89,5	3,983	stainless steel	4C
T.046.080.0572.A	4,6	0,80	57,2	0,1207	90,0	4,655	music wire	4C
T.046.080.0572.I	4,6	0,80	57,2	0,1037	89,9	3,983	stainless steel	4C
T.046.080.0635.A	4,6	0,80	63,5	0,1073	100,4	4,655	music wire	4C
T.046.080.0635.I	4,6	0,80	63,5	0,0922	100,2	3,983	stainless steel	4C
T.046.080.0640.A	4,6	0,80	64,0	0,1064	101,2	4,655	music wire	4C
T.046.080.0640.I	4,6	0,80	64,0	0,0914	101,1	3,983	stainless steel	4C
T.046.080.0698.A	4,6	0,80	69,8	0,0966	110,8	4,655	music wire	4C
T.046.080.0698.I	4,6	0,80	69,8	0,0829	110,6	3,983	stainless steel	4C
T.046.080.0700.A	4,6	0,80	70,0	0,0963	111,1	4,655	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.046.080.0700.I	4,6	0,80	70,0	0,0827	110,9	3,983	stainless steel	4C
T.046.085.0157.A	4,6	0,85	15,7	0,9472	20,6	5,485	music wire	4C
T.046.085.0157.I	4,6	0,85	15,7	0,8135	20,6	4,700	stainless steel	4C
T.046.085.0190.A	4,6	0,85	19,0	0,6941	25,7	5,485	music wire	4C
T.046.085.0190.I	4,6	0,85	19,0	0,5961	25,6	4,700	stainless steel	4C
T.046.085.0224.A	4,6	0,85	22,4	0,5442	30,9	5,485	music wire	4C
T.046.085.0224.I	4,6	0,85	22,4	0,4674	30,9	4,700	stainless steel	4C
T.046.085.0254.A	4,6	0,85	25,4	0,4572	35,5	5,485	music wire	4C
T.046.085.0254.I	4,6	0,85	25,4	0,3927	35,5	4,700	stainless steel	4C
T.046.085.0284.A	4,6	0,85	28,4	0,3941	40,1	5,485	music wire	4C
T.046.085.0284.I	4,6	0,85	28,4	0,3385	40,1	4,700	stainless steel	4C
T.046.085.0318.A	4,6	0,85	31,8	0,3408	45,4	5,485	music wire	4C
T.046.085.0318.I	4,6	0,85	31,8	0,2927	45,3	4,700	stainless steel	4C
T.046.085.0348.A	4,6	0,85	34,8	0,3045	50,0	5,485	music wire	4C
T.046.085.0348.I	4,6	0,85	34,8	0,2615	50,0	4,700	stainless steel	4C
T.046.085.0381.A	4,6	0,85	38,1	0,2726	55,1	5,485	music wire	4C
T.046.085.0381.I	4,6	0,85	38,1	0,2341	55,0	4,700	stainless steel	4C
T.046.085.0444.A	4,6	0,85	44,4	0,2271	64,8	5,485	music wire	4C
T.046.085.0444.I	4,6	0,85	44,4	0,1950	64,7	4,700	stainless steel	4C
T.046.085.0508.A	4,6	0,85	50,8	0,1942	74,6	5,485	music wire	4C
T.046.085.0508.I	4,6	0,85	50,8	0,1668	74,6	4,700	stainless steel	4C
T.046.085.0572.A	4,6	0,85	57,2	0,1696	84,5	5,485	music wire	4C
T.046.085.0572.I	4,6	0,85	57,2	0,1456	84,4	4,700	stainless steel	4C
T.046.085.0635.A	4,6	0,85	63,5	0,1508	94,2	5,485	music wire	4C
T.046.085.0635.I	4,6	0,85	63,5	0,1295	94,1	4,700	stainless steel	4C
T.046.085.0698.A	4,6	0,85	69,8	0,1357	103,9	5,485	music wire	4C
T.046.085.0698.I	4,6	0,85	69,8	0,1166	103,8	4,700	stainless steel	4C
T.047.032.0127.A	4,7	0,32	12,7	0,0096	47,7	0,353	music wire	4C
T.047.032.0127.I	4,7	0,32	12,7	0,0082	46,9	0,296	stainless steel	4C
T.047.032.0167.A	4,7	0,32	16,7	0,0049	84,7	0,353	music wire	4C
T.047.032.0167.I	4,7	0,32	16,7	0,0042	83,1	0,296	stainless steel	4C
T.047.040.0143.A	4,7	0,40	14,3	0,0215	42,8	0,664	music wire	4C
T.047.040.0143.I	4,7	0,40	14,3	0,0185	42,2	0,559	stainless steel	4C
T.047.040.0191.A	4,7	0,40	19,1	0,0120	70,0	0,664	music wire	4C
T.047.040.0191.I	4,7	0,40	19,1	0,0103	69,0	0,559	stainless steel	4C
T.047.040.0290.A	4,7	0,40	29,0	0,0063	126,0	0,664	music wire	4C
T.047.040.0290.I	4,7	0,40	29,0	0,0054	124,2	0,559	stainless steel	4C
T.047.040.0320.A	4,7	0,40	32,0	0,0055	143,0	0,664	music wire	4C
T.047.040.0320.I	4,7	0,40	32,0	0,0047	140,9	0,559	stainless steel	4C
T.047.040.0350.A	4,7	0,40	35,0	0,0049	160,0	0,664	music wire	4C
T.047.040.0350.I	4,7	0,40	35,0	0,0042	157,6	0,559	stainless steel	4C
T.047.040.0380.A	4,7	0,40	38,0	0,0044	177,0	0,664	music wire	4C
T.047.040.0380.I	4,7	0,40	38,0	0,0038	174,4	0,559	stainless steel	4C
T.047.040.0410.A	4,7	0,40	41,0	0,0040	194,0	0,664	music wire	4C
T.047.040.0410.I	4,7	0,40	41,0	0,0034	191,1	0,559	stainless steel	4C
T.047.040.0450.A	4,7	0,40	45,0	0,0036	216,7	0,664	music wire	4C
T.047.040.0450.I	4,7	0,40	45,0	0,0031	213,4	0,559	stainless steel	4C
T.047.040.0480.A	4,7	0,40	48,0	0,0033	233,7	0,664	music wire	4C
T.047.040.0480.I	4,7	0,40	48,0	0,0028	230,1	0,559	stainless steel	4C
T.047.040.0500.A	4,7	0,40	50,0	0,0031	245,0	0,664	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.047.040.0500.I	4,7	0,40	50,0	0,0027	241,3	0,559	stainless steel	4C
T.047.040.0570.A	4,7	0,40	57,0	0,0027	284,7	0,664	music wire	4C
T.047.040.0570.I	4,7	0,40	57,0	0,0023	280,3	0,559	stainless steel	4C
T.047.040.0640.A	4,7	0,40	64,0	0,0024	324,3	0,664	music wire	4C
T.047.040.0640.I	4,7	0,40	64,0	0,0020	319,4	0,559	stainless steel	4C
T.047.045.0410.A	4,7	0,45	41,0	0,0074	154,2	0,925	music wire	4C
T.047.045.0410.I	4,7	0,45	41,0	0,0064	152,3	0,782	stainless steel	4C
T.047.045.0480.A	4,7	0,45	48,0	0,0061	185,3	0,925	music wire	4C
T.047.045.0480.I	4,7	0,45	48,0	0,0053	183,0	0,782	stainless steel	4C
T.047.045.0640.A	4,7	0,45	64,0	0,0044	256,3	0,925	music wire	4C
T.047.045.0640.I	4,7	0,45	64,0	0,0038	253,1	0,782	stainless steel	4C
T.047.050.0143.A	4,7	0,50	14,3	0,0671	31,0	1,244	music wire	4C
T.047.050.0143.I	4,7	0,50	14,3	0,0577	30,7	1,053	stainless steel	4C
T.047.050.0159.A	4,7	0,50	15,9	0,0537	36,7	1,244	music wire	4C
T.047.050.0159.I	4,7	0,50	15,9	0,0461	36,4	1,053	stainless steel	4C
T.047.050.0360.A	4,7	0,50	36,0	0,0153	109,1	1,244	music wire	4C
T.047.050.0360.I	4,7	0,50	36,0	0,0131	108,1	1,053	stainless steel	4C
T.047.050.0450.A	4,7	0,50	45,0	0,0116	141,5	1,244	music wire	4C
T.047.050.0450.I	4,7	0,50	45,0	0,0099	140,1	1,053	stainless steel	4C
T.047.050.0480.A	4,7	0,50	48,0	0,0107	152,3	1,244	music wire	4C
T.047.050.0480.I	4,7	0,50	48,0	0,0092	150,8	1,053	stainless steel	4C
T.047.050.0640.A	4,7	0,50	64,0	0,0077	210,0	1,244	music wire	4C
T.047.050.0640.I	4,7	0,50	64,0	0,0066	207,9	1,053	stainless steel	4C
T.047.050.0850.A	4,7	0,50	85,0	0,0056	285,6	1,244	music wire	4C
T.047.050.0850.I	4,7	0,50	85,0	0,0048	282,7	1,053	stainless steel	4C
T.047.056.0143.A	4,7	0,56	14,3	0,1202	26,9	1,708	music wire	4C
T.047.056.0143.I	4,7	0,56	14,3	0,1032	26,8	1,449	stainless steel	4C
T.047.056.0380.A	4,7	0,56	38,0	0,0261	96,1	1,708	music wire	4C
T.047.056.0380.I	4,7	0,56	38,0	0,0224	95,4	1,449	stainless steel	4C
T.047.056.1270.A	4,7	0,56	127,0	0,0066	355,7	1,708	music wire	4C
T.047.056.1270.I	4,7	0,56	127,0	0,0057	352,9	1,449	stainless steel	4C
T.047.056.1520.A	4,7	0,56	152,0	0,0055	428,6	1,708	music wire	4C
T.047.056.1520.I	4,7	0,56	152,0	0,0047	425,3	1,449	stainless steel	4D
T.047.065.0097.A	4,7	0,65	9,7	0,7821	12,6	2,575	music wire	4C
T.047.065.0097.I	4,7	0,65	9,7	0,6718	12,4	2,112	stainless steel	4C
T.047.075.0127.A	4,7	0,75	12,7	0,7068	17,4	3,831	music wire	4C
T.047.075.0127.I	4,7	0,75	12,7	0,6071	17,3	3,273	stainless steel	4C
T.047.075.0480.A	4,7	0,75	48,0	0,0960	82,3	3,831	music wire	4C
T.047.075.0480.I	4,7	0,75	48,0	0,0825	82,1	3,273	stainless steel	4C
T.048.028.0159.A	4,8	0,28	15,9	0,0027	102,1	0,237	music wire	4C
T.048.028.0159.I	4,8	0,28	15,9	0,0023	99,9	0,198	stainless steel	4C
T.048.030.0159.A	4,8	0,30	15,9	0,0038	89,1	0,288	music wire	4C
T.048.030.0159.I	4,8	0,30	15,9	0,0032	87,3	0,241	stainless steel	4C
T.048.035.0112.A	4,8	0,35	11,2	0,0228	29,4	0,442	music wire	4C
T.048.035.0112.I	4,8	0,35	11,2	0,0196	28,4	0,360	stainless steel	4C
T.048.035.0224.A	4,8	0,35	22,4	0,0044	117,3	0,442	music wire	4C
T.048.035.0224.I	4,8	0,35	22,4	0,0038	112,0	0,360	stainless steel	4C
T.048.035.0248.A	4,8	0,35	24,8	0,0037	136,0	0,442	music wire	4C
T.048.035.0248.I	4,8	0,35	24,8	0,0032	129,8	0,360	stainless steel	4C
T.048.035.0284.A	4,8	0,35	28,4	0,0031	164,3	0,442	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.048.035.0284.I	4,8	0,35	28,4	0,0026	156,7	0,360	stainless steel	4C
T.048.035.0348.A	4,8	0,35	34,8	0,0023	214,5	0,442	music wire	4C
T.048.035.0348.I	4,8	0,35	34,8	0,0020	204,5	0,360	stainless steel	4C
T.048.035.0630.A	4,8	0,35	63,0	0,0011	435,8	0,442	music wire	4C
T.048.035.0630.I	4,8	0,35	63,0	0,0010	415,0	0,360	stainless steel	4C
T.048.036.0111.A	4,8	0,36	11,1	0,0272	27,6	0,479	music wire	4C
T.048.036.0111.I	4,8	0,36	11,1	0,0233	26,7	0,390	stainless steel	4C
T.048.036.0127.A	4,8	0,36	12,7	0,0168	39,6	0,483	music wire	4C
T.048.036.0127.I	4,8	0,36	12,7	0,0145	39,0	0,406	stainless steel	4C
T.048.036.0135.A	4,8	0,36	13,5	0,0141	45,5	0,483	music wire	4C
T.048.036.0135.I	4,8	0,36	13,5	0,0121	44,8	0,406	stainless steel	4C
T.048.036.0159.A	4,8	0,36	15,9	0,0095	63,3	0,483	music wire	4C
T.048.036.0159.I	4,8	0,36	15,9	0,0082	62,3	0,406	stainless steel	4C
T.048.036.0220.A	4,8	0,36	22,0	0,0052	108,6	0,483	music wire	4C
T.048.036.0220.I	4,8	0,36	22,0	0,0045	106,8	0,406	stainless steel	4C
T.048.036.0250.A	4,8	0,36	25,0	0,0043	130,9	0,483	music wire	4C
T.048.036.0250.I	4,8	0,36	25,0	0,0037	128,7	0,406	stainless steel	4C
T.048.036.0290.A	4,8	0,36	29,0	0,0034	160,6	0,483	music wire	4C
T.048.036.0290.I	4,8	0,36	29,0	0,0030	157,8	0,406	stainless steel	4C
T.048.036.0300.A	4,8	0,36	30,0	0,0033	168,0	0,483	music wire	4C
T.048.036.0300.I	4,8	0,36	30,0	0,0028	165,1	0,406	stainless steel	4C
T.048.036.0320.A	4,8	0,36	32,0	0,0030	182,9	0,483	music wire	4C
T.048.036.0320.I	4,8	0,36	32,0	0,0026	179,7	0,406	stainless steel	4C
T.048.036.0330.A	4,8	0,36	33,0	0,0029	189,1	0,479	music wire	4C
T.048.036.0330.I	4,8	0,36	33,0	0,0025	180,4	0,390	stainless steel	4C
T.048.036.0350.A	4,8	0,36	35,0	0,0027	205,2	0,483	music wire	4C
T.048.036.0350.I	4,8	0,36	35,0	0,0023	201,6	0,406	stainless steel	4C
T.048.036.0380.A	4,8	0,36	38,0	0,0024	227,4	0,483	music wire	4C
T.048.036.0380.I	4,8	0,36	38,0	0,0021	223,4	0,406	stainless steel	4C
T.048.036.0410.A	4,8	0,36	41,0	0,0022	249,7	0,483	music wire	4C
T.048.036.0410.I	4,8	0,36	41,0	0,0019	245,3	0,406	stainless steel	4C
T.048.036.0450.A	4,8	0,36	45,0	0,0019	279,4	0,483	music wire	4C
T.048.036.0450.I	4,8	0,36	45,0	0,0017	274,5	0,406	stainless steel	4C
T.048.036.0480.A	4,8	0,36	48,0	0,0018	301,7	0,483	music wire	4C
T.048.036.0480.I	4,8	0,36	48,0	0,0015	296,3	0,406	stainless steel	4C
T.048.036.0500.A	4,8	0,36	50,0	0,0017	316,6	0,483	music wire	4C
T.048.036.0500.I	4,8	0,36	50,0	0,0015	310,9	0,406	stainless steel	4C
T.048.036.0570.A	4,8	0,36	57,0	0,0015	368,5	0,483	music wire	4C
T.048.036.0570.I	4,8	0,36	57,0	0,0012	361,9	0,406	stainless steel	4C
T.048.036.0640.A	4,8	0,36	64,0	0,0013	420,5	0,483	music wire	4C
T.048.036.0640.I	4,8	0,36	64,0	0,0011	413,0	0,406	stainless steel	4C
T.048.040.0127.A	4,8	0,40	12,7	0,0285	33,8	0,651	music wire	4C
T.048.040.0127.I	4,8	0,40	12,7	0,0245	33,4	0,548	stainless steel	4C
T.048.040.0167.A	4,8	0,40	16,7	0,0148	57,5	0,651	music wire	4C
T.048.040.0167.I	4,8	0,40	16,7	0,0127	56,7	0,548	stainless steel	4C
T.048.040.0240.A	4,8	0,40	24,0	0,0079	100,6	0,651	music wire	4C
T.048.040.0240.I	4,8	0,40	24,0	0,0067	99,1	0,548	stainless steel	4C
T.048.040.0290.A	4,8	0,40	29,0	0,0059	130,2	0,651	music wire	4C
T.048.040.0290.I	4,8	0,40	29,0	0,0051	128,2	0,548	stainless steel	4C
T.048.040.0380.A	4,8	0,40	38,0	0,0041	183,4	0,651	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.048.040.0380.I	4,8	0,40	38,0	0,0036	180,6	0,548	stainless steel	4C
T.048.045.0103.A	4,8	0,45	10,3	0,1103	17,7	0,901	music wire	4C
T.048.045.0103.I	4,8	0,45	10,3	0,0948	17,3	0,735	stainless steel	4C
T.048.045.0159.A	4,8	0,45	15,9	0,0299	43,4	0,901	music wire	4C
T.048.045.0159.I	4,8	0,45	15,9	0,0256	41,9	0,735	stainless steel	4C
T.048.045.0191.A	4,8	0,45	19,1	0,0211	58,1	0,901	music wire	4C
T.048.045.0191.I	4,8	0,45	19,1	0,0181	56,0	0,735	stainless steel	4C
T.048.045.0200.A	4,8	0,45	20,0	0,0194	62,5	0,907	music wire	4C
T.048.045.0200.I	4,8	0,45	20,0	0,0167	61,8	0,766	stainless steel	4C
T.048.045.0220.A	4,8	0,45	22,0	0,0166	71,8	0,907	music wire	4C
T.048.045.0220.I	4,8	0,45	22,0	0,0143	70,9	0,766	stainless steel	4C
T.048.045.0300.A	4,8	0,45	30,0	0,0105	108,7	0,907	music wire	4C
T.048.045.0300.I	4,8	0,45	30,0	0,0090	107,4	0,766	stainless steel	4C
T.048.045.0380.A	4,8	0,45	38,0	0,0077	145,0	0,901	music wire	4C
T.048.045.0380.I	4,8	0,45	38,0	0,0066	139,2	0,735	stainless steel	4C
T.048.045.0450.A	4,8	0,45	45,0	0,0062	178,1	0,907	music wire	4C
T.048.045.0450.I	4,8	0,45	45,0	0,0053	175,8	0,766	stainless steel	4C
T.048.055.0320.A	4,8	0,55	32,0	0,0278	83,1	1,592	music wire	4C
T.048.055.0320.I	4,8	0,55	32,0	0,0239	82,5	1,351	stainless steel	4C
T.048.055.0870.A	4,8	0,55	87,0	0,0084	255,0	1,592	music wire	4C
T.048.055.0870.I	4,8	0,55	87,0	0,0073	252,9	1,351	stainless steel	4C
T.048.056.0191.A	4,8	0,56	19,1	0,0658	41,7	1,675	music wire	4C
T.048.056.0191.I	4,8	0,56	19,1	0,0565	41,5	1,421	stainless steel	4C
T.048.056.0250.A	4,8	0,56	25,0	0,0431	59,6	1,675	music wire	4C
T.048.056.0250.I	4,8	0,56	25,0	0,0370	59,2	1,421	stainless steel	4C
T.048.056.0300.A	4,8	0,56	30,0	0,0333	74,7	1,675	music wire	4C
T.048.056.0300.I	4,8	0,56	30,0	0,0286	74,2	1,421	stainless steel	4C
T.048.056.0380.A	4,8	0,56	38,0	0,0245	98,9	1,675	music wire	4C
T.048.056.0380.I	4,8	0,56	38,0	0,0210	98,2	1,421	stainless steel	4C
T.048.056.0500.A	4,8	0,56	50,0	0,0175	135,2	1,675	music wire	4C
T.048.056.0500.I	4,8	0,56	50,0	0,0150	134,1	1,421	stainless steel	4C
T.048.056.3110.A	4,8	0,56	311,0	0,0024	924,5	1,675	music wire	4D
T.048.056.3110.I	4,8	0,56	311,0	0,0021	917,1	1,421	stainless steel	4D
T.048.065.0198.A	4,8	0,65	19,8	0,1361	36,1	2,535	music wire	4C
T.048.065.0198.I	4,8	0,65	19,8	0,1169	36,0	2,158	stainless steel	4C
T.048.065.0370.A	4,8	0,65	37,0	0,0563	76,4	2,535	music wire	4C
T.048.065.0370.I	4,8	0,65	37,0	0,0484	76,0	2,158	stainless steel	4C
T.048.065.0430.A	4,8	0,65	43,0	0,0468	90,4	2,535	music wire	4C
T.048.065.0430.I	4,8	0,65	43,0	0,0402	90,0	2,158	stainless steel	4C
T.048.065.0480.A	4,8	0,65	48,0	0,0410	102,1	2,535	music wire	4C
T.048.065.0480.I	4,8	0,65	48,0	0,0352	101,7	2,158	stainless steel	4C
T.048.065.0980.A	4,8	0,65	98,0	0,0183	219,2	2,535	music wire	4C
T.048.065.0980.I	4,8	0,65	98,0	0,0157	218,1	2,158	stainless steel	4C
T.048.065.2000.A	4,8	0,65	200,0	0,0086	458,0	2,535	music wire	4C
T.048.065.2000.I	4,8	0,65	200,0	0,0074	455,8	2,158	stainless steel	4D
T.048.075.0159.A	4,8	0,75	15,9	0,4256	23,5	3,760	music wire	4C
T.048.075.0159.I	4,8	0,75	15,9	0,3656	23,5	3,212	stainless steel	4C
T.048.075.0190.A	4,8	0,75	19,0	0,3124	29,4	3,760	music wire	4C
T.048.075.0190.I	4,8	0,75	19,0	0,2683	29,3	3,212	stainless steel	4C
T.048.075.0220.A	4,8	0,75	22,0	0,2484	35,0	3,760	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.048.075.0220.I	4,8	0,75	22,0	0,2134	35,0	3,212	stainless steel	4C
T.048.075.0250.A	4,8	0,75	25,0	0,2062	40,7	3,760	music wire	4C
T.048.075.0250.I	4,8	0,75	25,0	0,1771	40,6	3,212	stainless steel	4C
T.048.075.0290.A	4,8	0,75	29,0	0,1681	48,3	3,760	music wire	4C
T.048.075.0290.I	4,8	0,75	29,0	0,1444	48,2	3,212	stainless steel	4C
T.048.075.0320.A	4,8	0,75	32,0	0,1476	53,9	3,760	music wire	4C
T.048.075.0320.I	4,8	0,75	32,0	0,1268	53,8	3,212	stainless steel	4C
T.048.075.0350.A	4,8	0,75	35,0	0,1316	59,6	3,760	music wire	4C
T.048.075.0350.I	4,8	0,75	35,0	0,1130	59,5	3,212	stainless steel	4C
T.048.075.0380.A	4,8	0,75	38,0	0,1187	65,3	3,760	music wire	4C
T.048.075.0380.I	4,8	0,75	38,0	0,1020	65,1	3,212	stainless steel	4C
T.048.075.0450.A	4,8	0,75	45,0	0,0967	78,5	3,760	music wire	4C
T.048.075.0450.I	4,8	0,75	45,0	0,0830	78,3	3,212	stainless steel	4C
T.048.075.0500.A	4,8	0,75	50,0	0,0853	87,9	3,760	music wire	4C
T.048.075.0500.I	4,8	0,75	50,0	0,0733	87,7	3,212	stainless steel	4C
T.048.075.0570.A	4,8	0,75	57,0	0,0733	101,2	3,760	music wire	4C
T.048.075.0570.I	4,8	0,75	57,0	0,0630	100,9	3,212	stainless steel	4C
T.048.075.0640.A	4,8	0,75	64,0	0,0642	114,4	3,760	music wire	4C
T.048.075.0640.I	4,8	0,75	64,0	0,0552	114,1	3,212	stainless steel	4C
T.048.075.0760.A	4,8	0,75	76,0	0,0530	137,1	3,760	music wire	4C
T.048.075.0760.I	4,8	0,75	76,0	0,0455	136,7	3,212	stainless steel	4C
T.048.080.0119.A	4,8	0,80	11,9	1,1098	15,4	4,485	music wire	4C
T.048.080.0119.I	4,8	0,80	11,9	0,9532	15,3	3,838	stainless steel	4C
T.048.080.0127.A	4,8	0,80	12,7	0,9484	16,7	4,485	music wire	4C
T.048.080.0127.I	4,8	0,80	12,7	0,8145	16,7	3,838	stainless steel	4C
T.048.080.0155.A	4,8	0,80	15,5	0,6284	21,6	4,485	music wire	4C
T.048.080.0155.I	4,8	0,80	15,5	0,5398	21,6	3,838	stainless steel	4C
T.048.080.0179.A	4,8	0,80	17,9	0,4875	25,8	4,485	music wire	4C
T.048.080.0179.I	4,8	0,80	17,9	0,4187	25,7	3,838	stainless steel	4C
T.048.080.0220.A	4,8	0,80	22,0	0,3524	32,9	4,485	music wire	4C
T.048.080.0220.I	4,8	0,80	22,0	0,3027	32,8	3,838	stainless steel	4C
T.048.080.0259.A	4,8	0,80	25,9	0,2789	39,6	4,485	music wire	4C
T.048.080.0259.I	4,8	0,80	25,9	0,2396	39,6	3,838	stainless steel	4C
T.048.080.0290.A	4,8	0,80	29,0	0,2393	45,0	4,485	music wire	4C
T.048.080.0290.I	4,8	0,80	29,0	0,2055	45,0	3,838	stainless steel	4C
T.048.080.0320.A	4,8	0,80	32,0	0,2100	50,2	4,485	music wire	4C
T.048.080.0320.I	4,8	0,80	32,0	0,1806	50,2	3,838	stainless steel	4C
T.048.080.0350.A	4,8	0,80	35,0	0,1876	55,4	4,485	music wire	4C
T.048.080.0350.I	4,8	0,80	35,0	0,1612	55,3	3,838	stainless steel	4C
T.048.080.0379.A	4,8	0,80	37,9	0,1699	60,5	4,485	music wire	4C
T.048.080.0379.I	4,8	0,80	37,9	0,1459	60,4	3,838	stainless steel	4C
T.048.080.0400.A	4,8	0,80	40,0	0,1590	64,1	4,485	music wire	4C
T.048.080.0400.I	4,8	0,80	40,0	0,1366	64,0	3,838	stainless steel	4C
T.048.080.0435.A	4,8	0,80	43,5	0,1437	70,2	4,485	music wire	4C
T.048.080.0435.I	4,8	0,80	43,5	0,1234	70,1	3,838	stainless steel	4C
T.048.080.0491.A	4,8	0,80	49,1	0,1245	79,9	4,485	music wire	4C
T.048.080.0491.I	4,8	0,80	49,1	0,1069	79,8	3,838	stainless steel	4C
T.048.080.0555.A	4,8	0,80	55,5	0,1080	91,0	4,485	music wire	4C
T.048.080.0555.I	4,8	0,80	55,5	0,0928	90,9	3,838	stainless steel	4C
T.048.080.0619.A	4,8	0,80	61,9	0,0954	102,1	4,485	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.048.080.0619.I	4,8	0,80	61,9	0,0819	101,9	3,838	stainless steel	4C
T.048.080.0640.A	4,8	0,80	64,0	0,0918	105,7	4,485	music wire	4C
T.048.080.0640.I	4,8	0,80	64,0	0,0789	105,6	3,838	stainless steel	4C
T.048.080.0683.A	4,8	0,80	68,3	0,0854	113,2	4,485	music wire	4C
T.048.080.0683.I	4,8	0,80	68,3	0,0733	113,0	3,838	stainless steel	4C
T.048.080.0780.A	4,8	0,80	78,0	0,0737	130,0	4,485	music wire	4C
T.048.080.0780.I	4,8	0,80	78,0	0,0633	129,8	3,838	stainless steel	4C
T.048.090.1280.A	4,8	0,90	128,0	0,0837	190,0	6,170	music wire	4E
T.048.090.1280.I	4,8	0,90	128,0	0,0719	190,0	5,295	stainless steel	4E
T.048.110.0360.A	4,8	1,10	36,0	1,0906	43,8	10,493	music wire	4E
T.048.110.0360.I	4,8	1,10	36,0	0,9367	43,9	9,053	stainless steel	4F
T.050.025.0100.A	5,0	0,25	10,0	0,0124	23,2	0,165	music wire	4C
T.050.025.0100.I	5,0	0,25	10,0	0,0106	22,8	0,137	stainless steel	4C
T.050.025.0127.A	5,0	0,25	12,7	0,0027	73,4	0,165	music wire	4C
T.050.025.0127.I	5,0	0,25	12,7	0,0023	71,7	0,137	stainless steel	4C
T.050.025.0292.A	5,0	0,25	29,2	0,0005	380,2	0,165	music wire	4C
T.050.025.0292.I	5,0	0,25	29,2	0,0004	370,4	0,137	stainless steel	4C
T.050.025.0512.A	5,0	0,25	51,2	0,0002	789,5	0,165	music wire	4C
T.050.025.0512.I	5,0	0,25	51,2	0,0002	768,8	0,137	stainless steel	4C
T.050.028.0112.A	5,0	0,28	11,2	0,0082	38,1	0,225	music wire	4C
T.050.028.0112.I	5,0	0,28	11,2	0,0070	36,6	0,183	stainless steel	4C
T.050.028.0157.A	5,0	0,28	15,7	0,0025	102,0	0,225	music wire	4C
T.050.028.0157.I	5,0	0,28	15,7	0,0022	97,0	0,183	stainless steel	4C
T.050.028.0191.A	5,0	0,28	19,1	0,0017	150,0	0,225	music wire	4C
T.050.028.0191.I	5,0	0,28	19,1	0,0014	142,5	0,183	stainless steel	4C
T.050.028.0220.A	5,0	0,28	22,0	0,0013	191,2	0,225	music wire	4C
T.050.028.0220.I	5,0	0,28	22,0	0,0011	181,5	0,183	stainless steel	4C
T.050.028.0224.A	5,0	0,28	22,4	0,0013	196,7	0,225	music wire	4C
T.050.028.0224.I	5,0	0,28	22,4	0,0011	186,8	0,183	stainless steel	4C
T.050.028.0254.A	5,0	0,28	25,4	0,0010	239,2	0,225	music wire	4C
T.050.028.0254.I	5,0	0,28	25,4	0,0009	227,0	0,183	stainless steel	4C
T.050.045.0115.A	5,0	0,45	11,5	0,0700	22,9	0,872	music wire	4C
T.050.045.0115.I	5,0	0,45	11,5	0,0600	22,7	0,737	stainless steel	4C
T.050.045.0125.A	5,0	0,45	12,5	0,0518	27,9	0,872	music wire	4C
T.050.045.0125.I	5,0	0,45	12,5	0,0445	27,7	0,737	stainless steel	4C
T.050.045.0142.A	5,0	0,45	14,2	0,0360	36,4	0,872	music wire	4C
T.050.045.0142.I	5,0	0,45	14,2	0,0309	36,0	0,737	stainless steel	4C
T.050.045.0160.A	5,0	0,45	16,0	0,0272	45,4	0,872	music wire	4C
T.050.045.0160.I	5,0	0,45	16,0	0,0233	44,9	0,737	stainless steel	4C
T.050.045.0183.A	5,0	0,45	18,3	0,0207	56,9	0,872	music wire	4C
T.050.045.0183.I	5,0	0,45	18,3	0,0178	56,3	0,737	stainless steel	4C
T.050.045.0200.A	5,0	0,45	20,0	0,0176	65,4	0,872	music wire	4C
T.050.045.0200.I	5,0	0,45	20,0	0,0151	64,7	0,737	stainless steel	4C
T.050.045.0250.A	5,0	0,45	25,0	0,0122	90,5	0,872	music wire	4C
T.050.045.0250.I	5,0	0,45	25,0	0,0105	89,4	0,737	stainless steel	4C
T.050.045.0320.A	5,0	0,45	32,0	0,0085	125,5	0,872	music wire	4C
T.050.045.0320.I	5,0	0,45	32,0	0,0073	123,9	0,737	stainless steel	4C
T.050.045.0340.A	5,0	0,45	34,0	0,0079	135,5	0,872	music wire	4C
T.050.045.0340.I	5,0	0,45	34,0	0,0068	133,8	0,737	stainless steel	4C
T.050.045.0380.A	5,0	0,45	38,0	0,0068	154,7	0,867	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.050.045.0380.I	5,0	0,45	38,0	0,0058	148,4	0,707	stainless steel	4C
T.050.045.0400.A	5,0	0,45	40,0	0,0064	165,5	0,872	music wire	4C
T.050.045.0400.I	5,0	0,45	40,0	0,0055	163,4	0,737	stainless steel	4C
T.050.045.0500.A	5,0	0,45	50,0	0,0048	215,5	0,872	music wire	4C
T.050.045.0500.I	5,0	0,45	50,0	0,0041	212,8	0,737	stainless steel	4C
T.050.045.0630.A	5,0	0,45	63,0	0,0037	280,6	0,872	music wire	4C
T.050.045.0630.I	5,0	0,45	63,0	0,0032	276,9	0,737	stainless steel	4C
T.050.045.3600.A	5,0	0,45	360,0	0,0006	1766,5	0,872	music wire	4D
T.050.045.3600.I	5,0	0,45	360,0	0,0005	1743,1	0,737	stainless steel	4E
T.050.050.0119.A	5,0	0,50	11,9	0,1028	22,2	1,173	music wire	4C
T.050.050.0119.I	5,0	0,50	11,9	0,0883	22,1	0,993	stainless steel	4C
T.050.050.0125.A	5,0	0,50	12,5	0,0873	24,7	1,173	music wire	4C
T.050.050.0125.I	5,0	0,50	12,5	0,0750	24,5	0,993	stainless steel	4C
T.050.050.0160.A	5,0	0,50	16,0	0,0466	38,8	1,173	music wire	4C
T.050.050.0160.I	5,0	0,50	16,0	0,0400	38,5	0,993	stainless steel	4C
T.050.050.0174.A	5,0	0,50	17,4	0,0393	44,4	1,173	music wire	4C
T.050.050.0174.I	5,0	0,50	17,4	0,0337	44,1	0,993	stainless steel	4C
T.050.050.0200.A	5,0	0,50	20,0	0,0304	54,9	1,173	music wire	4C
T.050.050.0200.I	5,0	0,50	20,0	0,0261	54,4	0,993	stainless steel	4C
T.050.050.0250.A	5,0	0,50	25,0	0,0212	75,1	1,173	music wire	4C
T.050.050.0250.I	5,0	0,50	25,0	0,0182	74,4	0,993	stainless steel	4C
T.050.050.0284.A	5,0	0,50	28,4	0,0176	88,9	1,173	music wire	4C
T.050.050.0284.I	5,0	0,50	28,4	0,0151	88,0	0,993	stainless steel	4C
T.050.050.0300.A	5,0	0,50	30,0	0,0163	95,3	1,173	music wire	4C
T.050.050.0300.I	5,0	0,50	30,0	0,0140	94,4	0,993	stainless steel	4C
T.050.050.0320.A	5,0	0,50	32,0	0,0149	103,4	1,173	music wire	4C
T.050.050.0320.I	5,0	0,50	32,0	0,0128	102,4	0,993	stainless steel	4C
T.050.050.0394.A	5,0	0,50	39,4	0,0113	133,3	1,173	music wire	4C
T.050.050.0394.I	5,0	0,50	39,4	0,0097	131,9	0,993	stainless steel	4C
T.050.050.0400.A	5,0	0,50	40,0	0,0111	135,7	1,173	music wire	4C
T.050.050.0400.I	5,0	0,50	40,0	0,0095	134,3	0,993	stainless steel	4C
T.050.050.0500.A	5,0	0,50	50,0	0,0084	176,1	1,173	music wire	4C
T.050.050.0500.I	5,0	0,50	50,0	0,0072	174,3	0,993	stainless steel	4C
T.050.050.0504.A	5,0	0,50	50,4	0,0083	177,7	1,173	music wire	4C
T.050.050.0504.I	5,0	0,50	50,4	0,0072	175,9	0,993	stainless steel	4C
T.050.050.0630.A	5,0	0,50	63,0	0,0064	228,6	1,173	music wire	4C
T.050.050.0630.I	5,0	0,50	63,0	0,0055	226,2	0,993	stainless steel	4C
T.050.050.3600.A	5,0	0,50	360,0	0,0010	1428,2	1,173	music wire	4D
T.050.050.3600.I	5,0	0,50	360,0	0,0009	1412,7	0,993	stainless steel	4E
T.050.055.0125.A	5,0	0,55	12,5	0,1402	22,3	1,532	music wire	4C
T.050.055.0125.I	5,0	0,55	12,5	0,1204	22,2	1,300	stainless steel	4C
T.050.055.0160.A	5,0	0,55	16,0	0,0761	34,0	1,532	music wire	4C
T.050.055.0160.I	5,0	0,55	16,0	0,0653	33,8	1,300	stainless steel	4C
T.050.055.0200.A	5,0	0,55	20,0	0,0500	47,5	1,532	music wire	4C
T.050.055.0200.I	5,0	0,55	20,0	0,0429	47,1	1,300	stainless steel	4C
T.050.055.0250.A	5,0	0,55	25,0	0,0349	64,3	1,532	music wire	4C
T.050.055.0250.I	5,0	0,55	25,0	0,0300	63,8	1,300	stainless steel	4C
T.050.055.0320.A	5,0	0,55	32,0	0,0246	87,8	1,532	music wire	4C
T.050.055.0320.I	5,0	0,55	32,0	0,0211	87,1	1,300	stainless steel	4C
T.050.055.0400.A	5,0	0,55	40,0	0,0184	114,6	1,532	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.050.055.0400.I	5,0	0,55	40,0	0,0158	113,7	1,300	stainless steel	4C
T.050.055.0500.A	5,0	0,55	50,0	0,0140	148,2	1,532	music wire	4C
T.050.055.0500.I	5,0	0,55	50,0	0,0120	147,0	1,300	stainless steel	4C
T.050.055.0630.A	5,0	0,55	63,0	0,0106	191,9	1,532	music wire	4C
T.050.055.0630.I	5,0	0,55	63,0	0,0091	190,3	1,300	stainless steel	4C
T.050.055.3600.A	5,0	0,55	360,0	0,0017	1189,4	1,532	music wire	4D
T.050.055.3600.I	5,0	0,55	360,0	0,0014	1179,0	1,300	stainless steel	4E
T.050.060.0125.A	5,0	0,60	12,5	0,2163	20,5	1,954	music wire	4C
T.050.060.0125.I	5,0	0,60	12,5	0,1858	20,4	1,660	stainless steel	4C
T.050.060.0160.A	5,0	0,60	16,0	0,1192	30,5	1,954	music wire	4C
T.050.060.0160.I	5,0	0,60	16,0	0,1024	30,4	1,660	stainless steel	4C
T.050.060.0200.A	5,0	0,60	20,0	0,0788	42,0	1,954	music wire	4C
T.050.060.0200.I	5,0	0,60	20,0	0,0677	41,8	1,660	stainless steel	4C
T.050.060.0250.A	5,0	0,60	25,0	0,0554	56,3	1,954	music wire	4C
T.050.060.0250.I	5,0	0,60	25,0	0,0475	56,0	1,660	stainless steel	4C
T.050.060.0320.A	5,0	0,60	32,0	0,0391	76,3	1,954	music wire	4C
T.050.060.0320.I	5,0	0,60	32,0	0,0336	75,9	1,660	stainless steel	4C
T.050.060.0400.A	5,0	0,60	40,0	0,0292	99,3	1,954	music wire	4C
T.050.060.0400.I	5,0	0,60	40,0	0,0251	98,6	1,660	stainless steel	4C
T.050.060.0500.A	5,0	0,60	50,0	0,0222	127,9	1,954	music wire	4C
T.050.060.0500.I	5,0	0,60	50,0	0,0191	127,1	1,660	stainless steel	4C
T.050.060.0630.A	5,0	0,60	63,0	0,0170	165,1	1,954	music wire	4C
T.050.060.0630.I	5,0	0,60	63,0	0,0146	164,0	1,660	stainless steel	4C
T.050.060.3600.A	5,0	0,60	360,0	0,0026	1015,6	1,954	music wire	4D
T.050.060.3600.I	5,0	0,60	360,0	0,0023	1008,7	1,660	stainless steel	4E
T.050.065.0200.A	5,0	0,65	20,0	0,1202	37,9	2,441	music wire	4C
T.050.065.0200.I	5,0	0,65	20,0	0,1032	37,7	2,078	stainless steel	4C
T.050.065.0250.A	5,0	0,65	25,0	0,0847	50,3	2,441	music wire	4C
T.050.065.0250.I	5,0	0,65	25,0	0,0728	50,1	2,078	stainless steel	4C
T.050.065.0300.A	5,0	0,65	30,0	0,0654	62,8	2,441	music wire	4C
T.050.065.0300.I	5,0	0,65	30,0	0,0562	62,5	2,078	stainless steel	4C
T.050.065.0400.A	5,0	0,65	40,0	0,0449	87,7	2,441	music wire	4C
T.050.065.0400.I	5,0	0,65	40,0	0,0386	87,3	2,078	stainless steel	4C
T.050.065.0500.A	5,0	0,65	50,0	0,0342	112,7	2,441	music wire	4C
T.050.065.0500.I	5,0	0,65	50,0	0,0294	112,1	2,078	stainless steel	4C
T.050.070.0125.A	5,0	0,70	12,5	0,4682	18,1	2,997	music wire	4C
T.050.070.0125.I	5,0	0,70	12,5	0,4021	18,0	2,556	stainless steel	4C
T.050.070.0135.A	5,0	0,70	13,5	0,3846	20,3	2,997	music wire	4C
T.050.070.0135.I	5,0	0,70	13,5	0,3303	20,2	2,556	stainless steel	4C
T.050.070.0160.A	5,0	0,70	16,0	0,2659	25,8	2,997	music wire	4C
T.050.070.0160.I	5,0	0,70	16,0	0,2284	25,8	2,556	stainless steel	4C
T.050.070.0177.A	5,0	0,70	17,7	0,2197	29,6	2,997	music wire	4C
T.050.070.0177.I	5,0	0,70	17,7	0,1887	29,5	2,556	stainless steel	4C
T.050.070.0200.A	5,0	0,70	20,0	0,1780	34,7	2,997	music wire	4C
T.050.070.0200.I	5,0	0,70	20,0	0,1529	34,6	2,556	stainless steel	4C
T.050.070.0240.A	5,0	0,70	24,0	0,1338	43,5	2,997	music wire	4C
T.050.070.0240.I	5,0	0,70	24,0	0,1149	43,4	2,556	stainless steel	4C
T.050.070.0250.A	5,0	0,70	25,0	0,1259	45,8	2,997	music wire	4C
T.050.070.0250.I	5,0	0,70	25,0	0,1082	45,6	2,556	stainless steel	4C
T.050.070.0320.A	5,0	0,70	32,0	0,0894	61,2	2,997	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.050.070.0320.I	5,0	0,70	32,0	0,0768	61,0	2,556	stainless steel	4C
T.050.070.0345.A	5,0	0,70	34,5	0,0810	66,8	2,997	music wire	4C
T.050.070.0345.I	5,0	0,70	34,5	0,0695	66,6	2,556	stainless steel	4C
T.050.070.0380.A	5,0	0,70	38,0	0,0715	74,4	2,988	music wire	4C
T.050.070.0380.I	5,0	0,70	38,0	0,0615	72,6	2,454	stainless steel	4C
T.050.070.0400.A	5,0	0,70	40,0	0,0671	79,0	2,997	music wire	4C
T.050.070.0400.I	5,0	0,70	40,0	0,0576	78,7	2,556	stainless steel	4C
T.050.070.0430.A	5,0	0,70	43,0	0,0614	85,4	2,988	music wire	4C
T.050.070.0430.I	5,0	0,70	43,0	0,0527	83,3	2,454	stainless steel	4C
T.050.070.0460.A	5,0	0,70	46,0	0,0566	92,1	2,988	music wire	4C
T.050.070.0460.I	5,0	0,70	46,0	0,0486	89,8	2,454	stainless steel	4C
T.050.070.0480.A	5,0	0,70	48,0	0,0537	96,5	2,988	music wire	4C
T.050.070.0480.I	5,0	0,70	48,0	0,0461	94,1	2,454	stainless steel	4C
T.050.070.0485.A	5,0	0,70	48,5	0,0530	97,8	2,997	music wire	4C
T.050.070.0485.I	5,0	0,70	48,5	0,0456	97,4	2,556	stainless steel	4C
T.050.070.0500.A	5,0	0,70	50,0	0,0512	101,1	2,997	music wire	4C
T.050.070.0500.I	5,0	0,70	50,0	0,0439	100,7	2,556	stainless steel	4C
T.050.070.0630.A	5,0	0,70	63,0	0,0391	129,9	2,997	music wire	4C
T.050.070.0630.I	5,0	0,70	63,0	0,0336	129,4	2,556	stainless steel	4C
T.050.070.0760.A	5,0	0,70	76,0	0,0316	158,4	2,988	music wire	4C
T.050.070.0760.I	5,0	0,70	76,0	0,0272	154,3	2,454	stainless steel	4C
T.050.070.0830.A	5,0	0,70	83,0	0,0287	173,9	2,988	music wire	4C
T.050.070.0830.I	5,0	0,70	83,0	0,0246	169,4	2,454	stainless steel	4C
T.050.070.0908.A	5,0	0,70	90,8	0,0260	191,1	2,988	music wire	4C
T.050.070.0908.I	5,0	0,70	90,8	0,0223	186,1	2,454	stainless steel	4C
T.050.070.3600.A	5,0	0,70	360,0	0,0061	787,3	2,997	music wire	4D
T.050.070.3600.I	5,0	0,70	360,0	0,0053	784,3	2,556	stainless steel	4E
T.050.075.1520.A	5,0	0,75	152,0	0,0218	295,3	3,616	music wire	4C
T.050.075.1520.I	5,0	0,75	152,0	0,0188	288,2	2,973	stainless steel	4D
T.050.080.0125.A	5,0	0,80	12,5	0,9195	16,5	4,326	music wire	4C
T.050.080.0125.I	5,0	0,80	12,5	0,7898	16,5	3,702	stainless steel	4C
T.050.080.0160.A	5,0	0,80	16,0	0,5364	22,9	4,326	music wire	4C
T.050.080.0160.I	5,0	0,80	16,0	0,4607	22,9	3,702	stainless steel	4C
T.050.080.0200.A	5,0	0,80	20,0	0,3634	30,2	4,326	music wire	4C
T.050.080.0200.I	5,0	0,80	20,0	0,3121	30,2	3,702	stainless steel	4C
T.050.080.0250.A	5,0	0,80	25,0	0,2590	39,3	4,326	music wire	4C
T.050.080.0250.I	5,0	0,80	25,0	0,2224	39,3	3,702	stainless steel	4C
T.050.080.0320.A	5,0	0,80	32,0	0,1847	52,1	4,326	music wire	4C
T.050.080.0320.I	5,0	0,80	32,0	0,1586	52,0	3,702	stainless steel	4C
T.050.080.0400.A	5,0	0,80	40,0	0,1391	66,7	4,326	music wire	4C
T.050.080.0400.I	5,0	0,80	40,0	0,1194	66,6	3,702	stainless steel	4C
T.050.080.0500.A	5,0	0,80	50,0	0,1063	85,0	4,326	music wire	4C
T.050.080.0500.I	5,0	0,80	50,0	0,0913	84,8	3,702	stainless steel	4C
T.050.080.0630.A	5,0	0,80	63,0	0,0813	108,7	4,326	music wire	4C
T.050.080.0630.I	5,0	0,80	63,0	0,0700	108,5	3,702	stainless steel	4C
T.050.080.0760.A	5,0	0,80	76,0	0,0659	132,3	4,318	music wire	4C
T.050.080.0760.I	5,0	0,80	76,0	0,0566	129,6	3,554	stainless steel	4C
T.050.080.3600.A	5,0	0,80	360,0	0,0128	650,5	4,326	music wire	4E
T.050.080.3600.I	5,0	0,80	360,0	0,0110	649,4	3,702	stainless steel	4E
T.050.100.0158.A	5,0	1,00	15,8	1,8089	19,4	7,906	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.050.100.0158.I	5,0	1,00	15,8	1,5536	19,5	6,803	stainless steel	4E
T.050.100.0218.A	5,0	1,00	21,8	1,0755	27,9	7,906	music wire	4E
T.050.100.0218.I	5,0	1,00	21,8	0,9238	27,9	6,803	stainless steel	4E
T.050.100.0308.A	5,0	1,00	30,8	0,6688	40,7	7,906	music wire	4E
T.050.100.0308.I	5,0	1,00	30,8	0,5744	40,7	6,803	stainless steel	4E
T.051.056.0151.A	5,1	0,56	15,1	0,0911	30,6	1,582	music wire	4C
T.051.056.0151.I	5,1	0,56	15,1	0,0783	30,5	1,342	stainless steel	4C
T.051.056.0240.A	5,1	0,56	24,0	0,0387	60,6	1,582	music wire	4C
T.051.056.0240.I	5,1	0,56	24,0	0,0333	60,1	1,342	stainless steel	4C
T.051.056.0600.A	5,1	0,56	60,0	0,0117	181,0	1,574	music wire	4C
T.051.056.0600.I	5,1	0,56	60,0	0,0100	174,8	1,289	stainless steel	4C
T.051.065.1000.A	5,1	0,65	100,0	0,0146	244,4	2,397	music wire	4C
T.051.065.1000.I	5,1	0,65	100,0	0,0126	243,2	2,041	stainless steel	4C
T.051.070.0310.A	5,1	0,70	31,0	0,0878	60,3	2,943	music wire	4C
T.051.070.0310.I	5,1	0,70	31,0	0,0754	60,1	2,510	stainless steel	4C
T.052.050.0127.A	5,2	0,50	12,7	0,0807	25,4	1,130	music wire	4C
T.052.050.0127.I	5,2	0,50	12,7	0,0693	25,2	0,957	stainless steel	4C
T.052.056.0760.A	5,2	0,56	76,0	0,0083	243,0	1,553	music wire	4C
T.052.056.0760.I	5,2	0,56	76,0	0,0072	241,0	1,318	stainless steel	4C
T.052.065.0430.A	5,2	0,65	43,0	0,0363	100,2	2,354	music wire	4C
T.052.065.0430.I	5,2	0,65	43,0	0,0312	99,7	2,004	stainless steel	4C
T.052.070.0200.A	5,2	0,70	20,0	0,1607	35,7	2,882	music wire	4C
T.052.070.0200.I	5,2	0,70	20,0	0,1381	34,9	2,367	stainless steel	4C
T.052.070.0500.A	5,2	0,70	50,0	0,0451	106,2	2,891	music wire	4C
T.052.070.0500.I	5,2	0,70	50,0	0,0387	105,8	2,466	stainless steel	4C
T.052.070.1030.A	5,2	0,70	103,0	0,0198	230,6	2,891	music wire	4C
T.052.070.1030.I	5,2	0,70	103,0	0,0170	229,7	2,466	stainless steel	4C
T.052.070.2030.A	5,2	0,70	203,0	0,0097	465,4	2,891	music wire	4D
T.052.070.2030.I	5,2	0,70	203,0	0,0083	463,5	2,466	stainless steel	4D
T.052.075.0380.A	5,2	0,75	38,0	0,0919	71,1	3,498	music wire	4C
T.052.075.0380.I	5,2	0,75	38,0	0,0789	70,9	2,989	stainless steel	4C
T.054.032.0112.A	5,4	0,32	11,2	0,0194	26,4	0,306	music wire	4C
T.054.032.0112.I	5,4	0,32	11,2	0,0167	25,6	0,248	stainless steel	4C
T.054.032.0157.A	5,4	0,32	15,7	0,0045	82,0	0,306	music wire	4C
T.054.032.0157.I	5,4	0,32	15,7	0,0038	78,3	0,248	stainless steel	4C
T.054.032.0159.A	5,4	0,32	15,9	0,0043	84,4	0,306	music wire	4C
T.054.032.0159.I	5,4	0,32	15,9	0,0037	80,6	0,248	stainless steel	4C
T.054.032.0191.A	5,4	0,32	19,1	0,0028	123,9	0,306	music wire	4C
T.054.032.0191.I	5,4	0,32	19,1	0,0024	118,0	0,248	stainless steel	4C
T.054.032.0220.A	5,4	0,32	22,0	0,0021	159,8	0,306	music wire	4C
T.054.032.0220.I	5,4	0,32	22,0	0,0018	152,1	0,248	stainless steel	4C
T.054.032.0224.A	5,4	0,32	22,4	0,0021	164,5	0,306	music wire	4C
T.054.032.0224.I	5,4	0,32	22,4	0,0018	156,6	0,248	stainless steel	4C
T.054.032.0237.A	5,4	0,32	23,7	0,0019	180,7	0,306	music wire	4C
T.054.032.0237.I	5,4	0,32	23,7	0,0016	171,9	0,248	stainless steel	4C
T.054.032.0240.A	5,4	0,32	24,0	0,0018	184,2	0,306	music wire	4C
T.054.032.0240.I	5,4	0,32	24,0	0,0016	175,3	0,248	stainless steel	4C
T.054.032.0254.A	5,4	0,32	25,4	0,0017	201,6	0,306	music wire	4C
T.054.032.0254.I	5,4	0,32	25,4	0,0014	191,8	0,248	stainless steel	4C
T.054.032.0260.A	5,4	0,32	26,0	0,0016	209,1	0,306	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.054.032.0260.I	5,4	0,32	26,0	0,0014	198,9	0,248	stainless steel	4C
T.054.032.0380.A	5,4	0,32	38,0	0,0009	357,0	0,306	music wire	4C
T.054.032.0380.I	5,4	0,32	38,0	0,0008	339,3	0,248	stainless steel	4C
T.054.040.0125.A	5,4	0,40	12,5	0,0288	31,4	0,581	music wire	4C
T.054.040.0125.I	5,4	0,40	12,5	0,0247	31,1	0,489	stainless steel	4C
T.054.040.0177.A	5,4	0,40	17,7	0,0103	70,5	0,581	music wire	4C
T.054.040.0177.I	5,4	0,40	17,7	0,0088	69,5	0,489	stainless steel	4C
T.054.040.0237.A	5,4	0,40	23,7	0,0059	115,7	0,581	music wire	4C
T.054.040.0237.I	5,4	0,40	23,7	0,0051	113,9	0,489	stainless steel	4C
T.054.040.0294.A	5,4	0,40	29,4	0,0042	158,6	0,581	music wire	4C
T.054.040.0294.I	5,4	0,40	29,4	0,0036	156,1	0,489	stainless steel	4C
T.054.040.0400.A	5,4	0,40	40,0	0,0027	236,9	0,577	music wire	4C
T.054.040.0400.I	5,4	0,40	40,0	0,0024	226,3	0,470	stainless steel	4C
T.054.040.0500.A	5,4	0,40	50,0	0,0021	311,7	0,577	music wire	4C
T.054.040.0500.I	5,4	0,40	50,0	0,0018	297,5	0,470	stainless steel	4C
T.055.032.0113.A	5,5	0,32	11,3	0,0195	26,3	0,303	music wire	4C
T.055.032.0113.I	5,5	0,32	11,3	0,0168	26,0	0,254	stainless steel	4C
T.055.032.0132.A	5,5	0,32	13,2	0,0078	50,9	0,303	music wire	4C
T.055.032.0132.I	5,5	0,32	13,2	0,0067	50,0	0,254	stainless steel	4C
T.055.032.0161.A	5,5	0,32	16,1	0,0041	88,4	0,303	music wire	4C
T.055.032.0161.I	5,5	0,32	16,1	0,0035	86,7	0,254	stainless steel	4C
T.055.032.0209.A	5,5	0,32	20,9	0,0023	150,5	0,303	music wire	4C
T.055.032.0209.I	5,5	0,32	20,9	0,0019	147,5	0,254	stainless steel	4C
T.055.032.0273.A	5,5	0,32	27,3	0,0014	233,3	0,303	music wire	4C
T.055.032.0273.I	5,5	0,32	27,3	0,0012	228,4	0,254	stainless steel	4C
T.055.040.0111.A	5,5	0,40	11,1	0,0605	20,0	0,570	music wire	4C
T.055.040.0111.I	5,5	0,40	11,1	0,0520	19,8	0,481	stainless steel	4C
T.055.040.0480.A	5,5	0,40	48,0	0,0021	308,4	0,570	music wire	4C
T.055.040.0480.I	5,5	0,40	48,0	0,0018	303,5	0,481	stainless steel	4C
T.055.040.0640.A	5,5	0,40	64,0	0,0015	433,5	0,570	music wire	4C
T.055.040.0640.I	5,5	0,40	64,0	0,0012	426,5	0,481	stainless steel	4C
T.055.045.0360.A	5,5	0,45	36,0	0,0055	169,1	0,796	music wire	4C
T.055.045.0360.I	5,5	0,45	36,0	0,0048	166,8	0,672	stainless steel	4C
T.055.045.0380.A	5,5	0,45	38,0	0,0051	181,2	0,796	music wire	4C
T.055.045.0380.I	5,5	0,45	38,0	0,0044	178,8	0,672	stainless steel	4C
T.055.045.0430.A	5,5	0,45	43,0	0,0044	211,4	0,796	music wire	4C
T.055.045.0430.I	5,5	0,45	43,0	0,0038	208,6	0,672	stainless steel	4C
T.055.045.0670.A	5,5	0,45	67,0	0,0025	356,6	0,796	music wire	4C
T.055.045.0670.I	5,5	0,45	67,0	0,0022	351,8	0,672	stainless steel	4C
T.055.050.0127.A	5,5	0,50	12,7	0,0796	25,0	1,071	music wire	4C
T.055.050.0127.I	5,5	0,50	12,7	0,0684	24,8	0,907	stainless steel	4C
T.055.050.0137.A	5,5	0,50	13,7	0,0606	29,9	1,071	music wire	4C
T.055.050.0137.I	5,5	0,50	13,7	0,0521	29,6	0,907	stainless steel	4C
T.055.050.0157.A	5,5	0,50	15,7	0,0411	39,6	1,071	music wire	4C
T.055.050.0157.I	5,5	0,50	15,7	0,0353	39,2	0,907	stainless steel	4C
T.055.050.0174.A	5,5	0,50	17,4	0,0322	47,8	1,071	music wire	4C
T.055.050.0174.I	5,5	0,50	17,4	0,0277	47,4	0,907	stainless steel	4C
T.055.050.0202.A	5,5	0,50	20,2	0,0238	61,4	1,071	music wire	4C
T.055.050.0202.I	5,5	0,50	20,2	0,0204	60,8	0,907	stainless steel	4C
T.055.050.0240.A	5,5	0,50	24,0	0,0176	79,8	1,071	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.055.050.0240.I	5,5	0,50	24,0	0,0151	79,0	0,907	stainless steel	4C
T.055.050.0277.A	5,5	0,50	27,7	0,0140	97,7	1,071	music wire	4C
T.055.050.0277.I	5,5	0,50	27,7	0,0120	96,7	0,907	stainless steel	4C
T.055.050.0312.A	5,5	0,50	31,2	0,0117	114,7	1,071	music wire	4C
T.055.050.0312.I	5,5	0,50	31,2	0,0101	113,5	0,907	stainless steel	4C
T.055.050.0347.A	5,5	0,50	34,7	0,0101	131,7	1,071	music wire	4C
T.055.050.0347.I	5,5	0,50	34,7	0,0087	130,2	0,907	stainless steel	4C
T.055.050.0377.A	5,5	0,50	37,7	0,0090	146,2	1,071	music wire	4C
T.055.050.0377.I	5,5	0,50	37,7	0,0078	144,6	0,907	stainless steel	4C
T.055.050.0380.A	5,5	0,50	38,0	0,0089	147,0	1,065	music wire	4C
T.055.050.0380.I	5,5	0,50	38,0	0,0077	141,3	0,870	stainless steel	4C
T.055.050.0387.A	5,5	0,50	38,7	0,0087	151,0	1,071	music wire	4C
T.055.050.0387.I	5,5	0,50	38,7	0,0075	149,4	0,907	stainless steel	4C
T.055.050.0427.A	5,5	0,50	42,7	0,0077	170,4	1,071	music wire	4C
T.055.050.0427.I	5,5	0,50	42,7	0,0066	168,6	0,907	stainless steel	4C
T.055.050.0467.A	5,5	0,50	46,7	0,0068	189,8	1,071	music wire	4C
T.055.050.0467.I	5,5	0,50	46,7	0,0059	187,7	0,907	stainless steel	4C
T.055.050.0640.A	5,5	0,50	64,0	0,0047	273,7	1,071	music wire	4C
T.055.050.0640.I	5,5	0,50	64,0	0,0040	270,6	0,907	stainless steel	4C
T.055.056.0380.A	5,5	0,56	38,0	0,0162	120,0	1,473	music wire	4C
T.055.056.0380.I	5,5	0,56	38,0	0,0139	119,0	1,250	stainless steel	4C
T.055.056.0480.A	5,5	0,56	48,0	0,0120	158,5	1,473	music wire	4C
T.055.056.0480.I	5,5	0,56	48,0	0,0103	157,2	1,250	stainless steel	4C
T.055.056.0640.A	5,5	0,56	64,0	0,0085	220,3	1,473	music wire	4C
T.055.056.0640.I	5,5	0,56	64,0	0,0073	218,4	1,250	stainless steel	4C
T.055.056.1250.A	5,5	0,56	125,0	0,0040	455,6	1,473	music wire	4C
T.055.056.1250.I	5,5	0,56	125,0	0,0035	451,6	1,250	stainless steel	4C
T.055.070.0198.A	5,5	0,70	19,8	0,1420	36,8	2,745	music wire	4C
T.055.070.0198.I	5,5	0,70	19,8	0,1220	36,7	2,341	stainless steel	4C
T.055.070.0250.A	5,5	0,70	25,0	0,0962	50,2	2,745	music wire	4C
T.055.070.0250.I	5,5	0,70	25,0	0,0826	50,0	2,341	stainless steel	4C
T.055.075.0250.A	5,5	0,75	25,0	0,1388	45,9	3,323	music wire	4C
T.055.075.0250.I	5,5	0,75	25,0	0,1192	45,8	2,839	stainless steel	4C
T.055.080.0150.A	5,5	0,80	15,0	0,5024	21,9	3,971	music wire	4C
T.055.080.0150.I	5,5	0,80	15,0	0,4315	21,8	3,398	stainless steel	4C
T.055.080.0174.A	5,5	0,80	17,4	0,3654	26,8	3,971	music wire	4C
T.055.080.0174.I	5,5	0,80	17,4	0,3138	26,8	3,398	stainless steel	4C
T.055.080.0198.A	5,5	0,80	19,8	0,2871	31,8	3,971	music wire	4C
T.055.080.0198.I	5,5	0,80	19,8	0,2466	31,8	3,398	stainless steel	4C
T.055.080.0270.A	5,5	0,80	27,0	0,1747	46,7	3,971	music wire	4C
T.055.080.0270.I	5,5	0,80	27,0	0,1501	46,7	3,398	stainless steel	4C
T.055.080.0390.A	5,5	0,80	39,0	0,1058	71,6	3,971	music wire	4C
T.055.080.0390.I	5,5	0,80	39,0	0,0908	71,5	3,398	stainless steel	4C
T.055.080.2900.A	5,5	0,80	290,0	0,0114	591,8	3,971	music wire	4D
T.055.080.2900.I	5,5	0,80	290,0	0,0098	590,6	3,398	stainless steel	4E
T.055.110.0174.A	5,5	1,10	17,4	1,9856	21,4	9,421	music wire	4E
T.055.110.0174.I	5,5	1,10	17,4	1,7055	21,4	8,127	stainless steel	4F
T.055.110.0240.A	5,5	1,10	24,0	1,1816	30,6	9,421	music wire	4E
T.055.110.0240.I	5,5	1,10	24,0	1,0149	30,7	8,127	stainless steel	4F
T.055.110.0339.A	5,5	1,10	33,9	0,7351	44,6	9,421	music wire	4E



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.055.110.0339.I	5,5	1,10	33,9	0,6314	44,6	8,127	stainless steel	4F
T.055.110.0504.A	5,5	1,10	50,4	0,4511	67,8	9,421	music wire	4E
T.055.110.0504.I	5,5	1,10	50,4	0,3874	67,9	8,127	stainless steel	4F
T.055.110.0724.A	5,5	1,10	72,4	0,2977	98,8	9,421	music wire	4F
T.055.110.0724.I	5,5	1,10	72,4	0,2557	98,9	8,127	stainless steel	4F
T.055.125.0173.A	5,5	1,25	17,3	4,0298	20,0	13,186	music wire	4E
T.055.125.0173.I	5,5	1,25	17,3	3,4612	20,0	11,416	stainless steel	4F
T.055.125.0248.A	5,5	1,25	24,8	2,3077	29,5	13,186	music wire	4E
T.055.125.0248.I	5,5	1,25	24,8	1,9820	29,5	11,416	stainless steel	4F
T.055.125.0348.A	5,5	1,25	34,8	1,4700	42,1	13,186	music wire	4E
T.055.125.0348.I	5,5	1,25	34,8	1,2626	42,2	11,416	stainless steel	4F
T.056.036.0240.A	5,6	0,36	24,0	0,0031	152,8	0,416	music wire	4C
T.056.036.0240.I	5,6	0,36	24,0	0,0026	150,1	0,350	stainless steel	4C
T.056.040.0174.A	5,6	0,40	17,4	0,0100	70,1	0,561	music wire	4C
T.056.040.0174.I	5,6	0,40	17,4	0,0086	69,1	0,472	stainless steel	4C
T.056.045.0174.A	5,6	0,45	17,4	0,0182	57,2	0,782	music wire	4C
T.056.045.0174.I	5,6	0,45	17,4	0,0157	56,6	0,661	stainless steel	4C
T.056.045.0250.A	5,6	0,45	25,0	0,0091	104,9	0,782	music wire	4C
T.056.045.0250.I	5,6	0,45	25,0	0,0078	103,6	0,661	stainless steel	4C
T.056.045.0300.A	5,6	0,45	30,0	0,0068	136,3	0,782	music wire	4C
T.056.045.0300.I	5,6	0,45	30,0	0,0059	134,5	0,661	stainless steel	4C
T.056.045.0640.A	5,6	0,45	64,0	0,0025	349,7	0,782	music wire	4C
T.056.045.0640.I	5,6	0,45	64,0	0,0022	344,9	0,661	stainless steel	4C
T.056.055.0520.A	5,6	0,55	52,0	0,0094	185,1	1,376	music wire	4C
T.056.055.0520.I	5,6	0,55	52,0	0,0081	183,4	1,167	stainless steel	4C
T.056.056.0320.A	5,6	0,56	32,0	0,0195	99,2	1,448	music wire	4C
T.056.056.0320.I	5,6	0,56	32,0	0,0167	98,4	1,228	stainless steel	4C
T.056.065.0151.A	5,6	0,65	15,1	0,1666	26,8	2,196	music wire	4C
T.056.065.0151.I	5,6	0,65	15,1	0,1431	26,7	1,870	stainless steel	4C
T.056.065.0233.A	5,6	0,65	23,3	0,0694	51,5	2,196	music wire	4C
T.056.065.0233.I	5,6	0,65	23,3	0,0596	51,2	1,870	stainless steel	4C
T.056.065.0300.A	5,6	0,65	30,0	0,0470	71,6	2,196	music wire	4C
T.056.065.0300.I	5,6	0,65	30,0	0,0403	71,3	1,870	stainless steel	4C
T.056.065.0328.A	5,6	0,65	32,8	0,0414	80,0	2,196	music wire	4C
T.056.065.0328.I	5,6	0,65	32,8	0,0355	79,6	1,870	stainless steel	4C
T.056.065.0372.A	5,6	0,65	37,2	0,0349	93,3	2,196	music wire	4C
T.056.065.0372.I	5,6	0,65	37,2	0,0300	92,8	1,870	stainless steel	4C
T.056.065.0416.A	5,6	0,65	41,6	0,0301	106,5	2,196	music wire	4C
T.056.065.0416.I	5,6	0,65	41,6	0,0259	105,9	1,870	stainless steel	4C
T.056.065.0467.A	5,6	0,65	46,7	0,0260	121,8	2,196	music wire	4C
T.056.065.0467.I	5,6	0,65	46,7	0,0224	121,2	1,870	stainless steel	4C
T.056.065.0537.A	5,6	0,65	53,7	0,0219	142,9	2,196	music wire	4C
T.056.065.0537.I	5,6	0,65	53,7	0,0188	142,1	1,870	stainless steel	4C
T.056.065.0588.A	5,6	0,65	58,8	0,0197	158,2	2,196	music wire	4C
T.056.065.0588.I	5,6	0,65	58,8	0,0169	157,3	1,870	stainless steel	4C
T.056.065.0830.A	5,6	0,65	83,0	0,0132	231,0	2,196	music wire	4C
T.056.065.0830.I	5,6	0,65	83,0	0,0114	229,7	1,870	stainless steel	4C
T.056.070.0200.A	5,6	0,70	20,0	0,1335	37,9	2,700	music wire	4C
T.056.070.0200.I	5,6	0,70	20,0	0,1147	37,7	2,303	stainless steel	4C
T.056.070.0410.A	5,6	0,70	41,0	0,0456	93,2	2,700	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.056.070.0410.I	5,6	0,70	41,0	0,0392	92,9	2,303	stainless steel	4C
T.056.070.1500.A	5,6	0,70	150,0	0,0103	380,8	2,700	music wire	4C
T.056.070.1500.I	5,6	0,70	150,0	0,0089	379,2	2,303	stainless steel	4D
T.056.085.0119.A	5,6	0,85	11,9	1,2978	15,0	4,616	music wire	4C
T.056.085.0119.I	5,6	0,85	11,9	1,1147	15,0	3,955	stainless steel	4C
T.056.090.0360.A	5,6	0,90	36,0	0,2107	58,0	5,397	music wire	4E
T.056.090.0360.I	5,6	0,90	36,0	0,1810	58,0	4,632	stainless steel	4E
T.058.080.0179.A	5,8	0,80	17,9	0,3070	28,7	3,784	music wire	4C
T.058.080.0179.I	5,8	0,80	17,9	0,2637	28,6	3,237	stainless steel	4C
T.058.080.0283.A	5,8	0,80	28,3	0,1398	51,9	3,784	music wire	4C
T.058.080.0283.I	5,8	0,80	28,3	0,1201	51,8	3,237	stainless steel	4C
T.058.080.0400.A	5,8	0,80	40,0	0,0867	78,0	3,776	music wire	4C
T.058.080.0400.I	5,8	0,80	40,0	0,0745	76,2	3,108	stainless steel	4C
T.058.080.0451.A	5,8	0,80	45,1	0,0744	89,5	3,784	music wire	4C
T.058.080.0451.I	5,8	0,80	45,1	0,0639	89,4	3,237	stainless steel	4C
T.058.080.0571.A	5,8	0,80	57,1	0,0558	116,4	3,784	music wire	4C
T.058.080.0571.I	5,8	0,80	57,1	0,0479	116,1	3,237	stainless steel	4C
T.058.080.0635.A	5,8	0,80	63,5	0,0492	130,7	3,784	music wire	4C
T.058.080.0635.I	5,8	0,80	63,5	0,0422	130,4	3,237	stainless steel	4C
T.058.080.0699.A	5,8	0,80	69,9	0,0440	145,0	3,784	music wire	4C
T.058.080.0699.I	5,8	0,80	69,9	0,0378	144,7	3,237	stainless steel	4C
T.058.080.2000.A	5,8	0,80	200,0	0,0140	435,6	3,776	music wire	4D
T.058.080.2000.I	5,8	0,80	200,0	0,0120	424,4	3,108	stainless steel	4D
T.059.036.0260.A	5,9	0,36	26,0	0,0024	186,4	0,395	music wire	4C
T.059.036.0260.I	5,9	0,36	26,0	0,0020	183,0	0,332	stainless steel	4C
T.059.056.0191.A	5,9	0,56	19,1	0,0410	49,7	1,377	music wire	4C
T.059.056.0191.I	5,9	0,56	19,1	0,0352	49,3	1,169	stainless steel	4C
T.059.056.0260.A	5,9	0,56	26,0	0,0232	80,0	1,377	music wire	4C
T.059.056.0260.I	5,9	0,56	26,0	0,0199	79,4	1,169	stainless steel	4C
T.059.056.0600.A	5,9	0,56	60,0	0,0074	229,0	1,371	music wire	4C
T.059.056.0600.I	5,9	0,56	60,0	0,0063	220,4	1,122	stainless steel	4C
T.059.060.0240.A	5,9	0,60	24,0	0,0380	63,7	1,672	music wire	4C
T.059.060.0240.I	5,9	0,60	24,0	0,0326	63,3	1,421	stainless steel	4C
T.059.060.0260.A	5,9	0,60	26,0	0,0333	71,4	1,672	music wire	4C
T.059.060.0260.I	5,9	0,60	26,0	0,0286	70,9	1,421	stainless steel	4C
T.059.060.0600.A	5,9	0,60	60,0	0,0106	201,2	1,664	music wire	4C
T.059.060.0600.I	5,9	0,60	60,0	0,0091	194,1	1,364	stainless steel	4C
T.059.070.2000.A	5,9	0,70	200,0	0,0064	556,9	2,571	music wire	4D
T.059.070.2000.I	5,9	0,70	200,0	0,0055	554,4	2,193	stainless steel	4D
T.059.100.0320.A	5,9	1,00	32,0	0,3732	47,7	6,867	music wire	4E
T.059.100.0320.I	5,9	1,00	32,0	0,3206	47,7	5,910	stainless steel	4E
T.059.100.0600.A	5,9	1,00	60,0	0,1691	94,6	6,867	music wire	4E
T.059.100.0600.I	5,9	1,00	60,0	0,1453	93,1	5,673	stainless steel	4E
T.059.100.0770.A	5,9	1,00	77,0	0,1270	123,1	6,867	music wire	4E
T.059.100.0770.I	5,9	1,00	77,0	0,1091	123,2	5,910	stainless steel	4E
T.059.120.0540.A	5,9	1,20	54,0	0,5331	71,5	11,206	music wire	4F
T.059.120.0540.I	5,9	1,20	54,0	0,4579	71,6	9,691	stainless steel	4F
T.060.035.0124.A	6,0	0,35	12,4	0,0205	29,4	0,359	music wire	4C
T.060.035.0124.I	6,0	0,35	12,4	0,0176	29,0	0,302	stainless steel	4C
T.060.035.0146.A	6,0	0,35	14,6	0,0081	57,4	0,359	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.060.035.0146.I	6,0	0,35	14,6	0,0070	56,4	0,302	stainless steel	4C
T.060.035.0178.A	6,0	0,35	17,8	0,0043	98,1	0,359	music wire	4C
T.060.035.0178.I	6,0	0,35	17,8	0,0037	96,3	0,302	stainless steel	4C
T.060.035.0232.A	6,0	0,35	23,2	0,0024	166,7	0,359	music wire	4C
T.060.035.0232.I	6,0	0,35	23,2	0,0021	163,6	0,302	stainless steel	4C
T.060.035.0304.A	6,0	0,35	30,4	0,0015	258,3	0,359	music wire	4C
T.060.035.0304.I	6,0	0,35	30,4	0,0013	253,3	0,302	stainless steel	4C
T.060.036.0159.A	6,0	0,36	15,9	0,0069	69,7	0,386	music wire	4C
T.060.036.0159.I	6,0	0,36	15,9	0,0059	66,8	0,314	stainless steel	4C
T.060.055.0139.A	6,0	0,55	13,9	0,0892	27,1	1,288	music wire	4C
T.060.055.0139.I	6,0	0,55	13,9	0,0766	26,9	1,093	stainless steel	4C
T.060.055.0172.A	6,0	0,55	17,2	0,0462	42,7	1,288	music wire	4C
T.060.055.0172.I	6,0	0,55	17,2	0,0397	42,4	1,093	stainless steel	4C
T.060.055.0221.A	6,0	0,55	22,1	0,0270	65,8	1,288	music wire	4C
T.060.055.0221.I	6,0	0,55	22,1	0,0232	65,2	1,093	stainless steel	4C
T.060.055.0304.A	6,0	0,55	30,4	0,0158	104,9	1,288	music wire	4C
T.060.055.0304.I	6,0	0,55	30,4	0,0136	104,0	1,093	stainless steel	4C
T.060.055.0414.A	6,0	0,55	41,4	0,0102	156,8	1,288	music wire	4C
T.060.055.0414.I	6,0	0,55	41,4	0,0088	155,4	1,093	stainless steel	4C
T.060.055.0430.A	6,0	0,55	43,0	0,0097	164,4	1,288	music wire	4C
T.060.055.0430.I	6,0	0,55	43,0	0,0083	162,9	1,093	stainless steel	4C
T.060.055.0870.A	6,0	0,55	87,0	0,0041	370,7	1,282	music wire	4C
T.060.055.0870.I	6,0	0,55	87,0	0,0035	356,2	1,049	stainless steel	4C
T.060.055.1020.A	6,0	0,55	102,0	0,0035	441,0	1,282	music wire	4C
T.060.055.1020.I	6,0	0,55	102,0	0,0030	423,7	1,049	stainless steel	4C
T.060.055.2030.A	6,0	0,55	203,0	0,0016	915,8	1,282	music wire	4D
T.060.055.2030.I	6,0	0,55	203,0	0,0014	879,4	1,049	stainless steel	4D
T.060.056.0310.A	6,0	0,56	31,0	0,0169	103,9	1,349	music wire	4C
T.060.056.0310.I	6,0	0,56	31,0	0,0145	100,2	1,104	stainless steel	4C
T.060.056.0380.A	6,0	0,56	38,0	0,0126	135,7	1,349	music wire	4C
T.060.056.0380.I	6,0	0,56	38,0	0,0108	130,7	1,104	stainless steel	4C
T.060.056.1500.A	6,0	0,56	150,0	0,0025	643,1	1,349	music wire	4C
T.060.056.1500.I	6,0	0,56	150,0	0,0021	618,0	1,104	stainless steel	4D
T.060.056.1520.A	6,0	0,56	152,0	0,0025	652,2	1,349	music wire	4C
T.060.056.1520.I	6,0	0,56	152,0	0,0021	626,7	1,104	stainless steel	4D
T.060.060.0630.A	6,0	0,60	63,0	0,0095	218,6	1,638	music wire	4C
T.060.060.0630.I	6,0	0,60	63,0	0,0082	210,8	1,342	stainless steel	4C
T.060.065.0300.A	6,0	0,65	30,0	0,0387	77,7	2,058	music wire	4C
T.060.065.0300.I	6,0	0,65	30,0	0,0332	77,3	1,752	stainless steel	4C
T.060.065.0360.A	6,0	0,65	36,0	0,0297	98,1	2,058	music wire	4C
T.060.065.0360.I	6,0	0,65	36,0	0,0255	97,5	1,752	stainless steel	4C
T.060.065.0370.A	6,0	0,65	37,0	0,0286	101,3	2,051	music wire	4C
T.060.065.0370.I	6,0	0,65	37,0	0,0246	98,1	1,682	stainless steel	4C
T.060.065.0400.A	6,0	0,65	40,0	0,0258	111,6	2,058	music wire	4C
T.060.065.0400.I	6,0	0,65	40,0	0,0221	111,0	1,752	stainless steel	4C
T.060.065.0480.A	6,0	0,65	48,0	0,0203	138,5	2,051	music wire	4C
T.060.065.0480.I	6,0	0,65	48,0	0,0175	134,0	1,682	stainless steel	4C
T.060.065.0500.A	6,0	0,65	50,0	0,0193	145,5	2,058	music wire	4C
T.060.065.0500.I	6,0	0,65	50,0	0,0166	144,7	1,752	stainless steel	4C
T.060.065.0600.A	6,0	0,65	60,0	0,0155	179,5	2,058	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.060.065.0600.I	6,0	0,65	60,0	0,0133	178,4	1,752	stainless steel	4C
T.060.075.0310.A	6,0	0,75	31,0	0,0787	65,3	3,059	music wire	4C
T.060.075.0310.I	6,0	0,75	31,0	0,0676	63,7	2,515	stainless steel	4C
T.060.075.0380.A	6,0	0,75	38,0	0,0591	83,7	3,059	music wire	4C
T.060.075.0380.I	6,0	0,75	38,0	0,0507	81,5	2,515	stainless steel	4C
T.060.075.1520.A	6,0	0,75	152,0	0,0117	382,6	3,067	music wire	4C
T.060.075.1520.I	6,0	0,75	152,0	0,0101	381,3	2,620	stainless steel	4D
T.060.080.0221.A	6,0	0,80	22,1	0,1902	39,0	3,660	music wire	4C
T.060.080.0221.I	6,0	0,80	22,1	0,1634	38,2	3,013	stainless steel	4C
T.060.080.0240.A	6,0	0,80	24,0	0,1649	43,5	3,660	music wire	4C
T.060.080.0240.I	6,0	0,80	24,0	0,1416	42,5	3,013	stainless steel	4C
T.060.080.0250.A	6,0	0,80	25,0	0,1542	45,9	3,668	music wire	4C
T.060.080.0250.I	6,0	0,80	25,0	0,1324	45,8	3,138	stainless steel	4C
T.060.080.0254.A	6,0	0,80	25,4	0,1506	46,7	3,660	music wire	4C
T.060.080.0254.I	6,0	0,80	25,4	0,1294	45,7	3,013	stainless steel	4C
T.060.080.0284.A	6,0	0,80	28,4	0,1263	53,8	3,660	music wire	4C
T.060.080.0284.I	6,0	0,80	28,4	0,1085	52,6	3,013	stainless steel	4C
T.060.080.0300.A	6,0	0,80	30,0	0,1164	57,6	3,668	music wire	4C
T.060.080.0300.I	6,0	0,80	30,0	0,1000	57,5	3,138	stainless steel	4C
T.060.080.0330.A	6,0	0,80	33,0	0,1016	64,6	3,660	music wire	4C
T.060.080.0330.I	6,0	0,80	33,0	0,0873	63,1	3,013	stainless steel	4C
T.060.080.0400.A	6,0	0,80	40,0	0,0781	81,2	3,668	music wire	4C
T.060.080.0400.I	6,0	0,80	40,0	0,0671	81,0	3,138	stainless steel	4C
T.060.080.0500.A	6,0	0,80	50,0	0,0588	104,7	3,668	music wire	4C
T.060.080.0500.I	6,0	0,80	50,0	0,0505	104,5	3,138	stainless steel	4C
T.060.080.0600.A	6,0	0,80	60,0	0,0471	128,3	3,668	music wire	4C
T.060.080.0600.I	6,0	0,80	60,0	0,0405	128,0	3,138	stainless steel	4C
T.060.080.0670.A	6,0	0,80	67,0	0,0413	144,6	3,660	music wire	4C
T.060.080.0670.I	6,0	0,80	67,0	0,0355	141,0	3,013	stainless steel	4C
T.060.085.0210.A	6,0	0,85	21,0	0,2863	34,2	4,330	music wire	4C
T.060.085.0210.I	6,0	0,85	21,0	0,2459	33,6	3,567	stainless steel	4C
T.060.085.0920.A	6,0	0,85	92,0	0,0401	186,0	4,330	music wire	4C
T.060.085.0920.I	6,0	0,85	92,0	0,0344	181,6	3,567	stainless steel	4D
T.060.090.0240.A	6,0	0,90	24,0	0,3091	38,2	5,069	music wire	4E
T.060.090.0240.I	6,0	0,90	24,0	0,2655	37,5	4,180	stainless steel	4E
T.060.090.0680.A	6,0	0,90	68,0	0,0773	124,8	5,069	music wire	4E
T.060.090.0680.I	6,0	0,90	68,0	0,0664	122,1	4,180	stainless steel	4E
T.060.090.0750.A	6,0	0,90	75,0	0,0690	138,5	5,069	music wire	4E
T.060.090.0750.I	6,0	0,90	75,0	0,0593	135,6	4,180	stainless steel	4E
T.060.090.0960.A	6,0	0,90	96,0	0,0523	179,8	5,069	music wire	4E
T.060.090.0960.I	6,0	0,90	96,0	0,0449	176,0	4,180	stainless steel	4E
T.060.090.1110.A	6,0	0,90	111,0	0,0446	209,4	5,069	music wire	4E
T.060.090.1110.I	6,0	0,90	111,0	0,0383	204,8	4,180	stainless steel	4E
T.060.100.0194.A	6,0	1,00	19,4	0,7837	26,8	6,767	music wire	4E
T.060.100.0194.I	6,0	1,00	19,4	0,6731	26,8	5,823	stainless steel	4E
T.060.100.0240.A	6,0	1,00	24,0	0,5433	34,6	6,767	music wire	4E
T.060.100.0240.I	6,0	1,00	24,0	0,4667	34,2	5,590	stainless steel	4E
T.060.100.0270.A	6,0	1,00	27,0	0,4528	39,8	6,767	music wire	4E
T.060.100.0270.I	6,0	1,00	27,0	0,3889	39,2	5,590	stainless steel	4E
T.060.100.0318.A	6,0	1,00	31,8	0,3575	48,0	6,767	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.060.100.0318.I	6,0	1,00	31,8	0,3070	47,2	5,590	stainless steel	4E
T.060.100.0324.A	6,0	1,00	32,4	0,3483	49,0	6,767	music wire	4E
T.060.100.0324.I	6,0	1,00	32,4	0,3000	49,0	5,823	stainless steel	4E
T.060.100.0364.A	6,0	1,00	36,4	0,2974	55,8	6,767	music wire	4E
T.060.100.0364.I	6,0	1,00	36,4	0,2555	55,9	5,823	stainless steel	4E
T.060.100.0474.A	6,0	1,00	47,4	0,2122	74,6	6,767	music wire	4E
T.060.100.0474.I	6,0	1,00	47,4	0,1823	74,7	5,823	stainless steel	4E
T.060.100.0480.A	6,0	1,00	48,0	0,2090	75,7	6,767	music wire	4E
T.060.100.0480.I	6,0	1,00	48,0	0,1795	74,4	5,590	stainless steel	4E
T.060.100.0484.A	6,0	1,00	48,4	0,2069	76,4	6,767	music wire	4E
T.060.100.0484.I	6,0	1,00	48,4	0,1777	76,4	5,823	stainless steel	4E
T.060.100.0540.A	6,0	1,00	54,0	0,1811	85,9	6,767	music wire	4E
T.060.100.0540.I	6,0	1,00	54,0	0,1556	84,5	5,590	stainless steel	4E
T.060.100.0544.A	6,0	1,00	54,4	0,1795	86,6	6,767	music wire	4E
T.060.100.0544.I	6,0	1,00	54,4	0,1542	86,7	5,823	stainless steel	4E
T.060.100.0614.A	6,0	1,00	61,4	0,1555	98,6	6,767	music wire	4E
T.060.100.0614.I	6,0	1,00	61,4	0,1336	98,6	5,823	stainless steel	4E
T.060.100.0634.A	6,0	1,00	63,4	0,1498	102,0	6,767	music wire	4E
T.060.100.0634.I	6,0	1,00	63,4	0,1287	102,1	5,823	stainless steel	4E
T.060.100.0635.A	6,0	1,00	63,5	0,1495	102,2	6,767	music wire	4E
T.060.100.0635.I	6,0	1,00	63,5	0,1284	100,4	5,590	stainless steel	4E
T.060.100.0670.A	6,0	1,00	67,0	0,1405	108,1	6,767	music wire	4E
T.060.100.0670.I	6,0	1,00	67,0	0,1207	106,3	5,590	stainless steel	4E
T.060.100.0694.A	6,0	1,00	69,4	0,1349	112,2	6,767	music wire	4E
T.060.100.0694.I	6,0	1,00	69,4	0,1159	112,3	5,823	stainless steel	4E
T.060.100.0698.A	6,0	1,00	69,8	0,1340	112,9	6,767	music wire	4E
T.060.100.0698.I	6,0	1,00	69,8	0,1151	111,0	5,590	stainless steel	4E
T.060.100.0730.A	6,0	1,00	73,0	0,1273	118,4	6,767	music wire	4E
T.060.100.0730.I	6,0	1,00	73,0	0,1094	116,4	5,590	stainless steel	4E
T.060.100.0774.A	6,0	1,00	77,4	0,1192	125,9	6,767	music wire	4E
T.060.100.0774.I	6,0	1,00	77,4	0,1023	126,0	5,823	stainless steel	4E
T.060.100.0854.A	6,0	1,00	85,4	0,1067	139,6	6,767	music wire	4E
T.060.100.0854.I	6,0	1,00	85,4	0,0916	139,7	5,823	stainless steel	4E
T.060.120.0190.A	6,0	1,20	19,0	2,1624	23,3	11,053	music wire	4E
T.060.120.0190.I	6,0	1,20	19,0	1,8573	23,3	9,559	stainless steel	4F
T.060.120.0262.A	6,0	1,20	26,2	1,2877	33,4	11,053	music wire	4E
T.060.120.0262.I	6,0	1,20	26,2	1,1060	33,4	9,559	stainless steel	4F
T.060.120.0370.A	6,0	1,20	37,0	0,8000	48,5	11,053	music wire	4E
T.060.120.0370.I	6,0	1,20	37,0	0,6884	48,6	9,559	stainless steel	4F
T.061.045.0157.A	6,1	0,45	15,7	0,0215	47,1	0,720	music wire	4C
T.061.045.0157.I	6,1	0,45	15,7	0,0185	46,6	0,608	stainless steel	4C
T.061.045.0159.A	6,1	0,45	15,9	0,0206	48,6	0,720	music wire	4C
T.061.045.0159.I	6,1	0,45	15,9	0,0177	48,1	0,608	stainless steel	4C
T.061.045.0190.A	6,1	0,45	19,0	0,0128	71,8	0,720	music wire	4C
T.061.045.0190.I	6,1	0,45	19,0	0,0110	70,9	0,608	stainless steel	4C
T.061.045.0191.A	6,1	0,45	19,1	0,0126	72,6	0,720	music wire	4C
T.061.045.0191.I	6,1	0,45	19,1	0,0109	71,7	0,608	stainless steel	4C
T.061.045.0220.A	6,1	0,45	22,0	0,0093	94,3	0,720	music wire	4C
T.061.045.0220.I	6,1	0,45	22,0	0,0080	93,1	0,608	stainless steel	4C
T.061.045.0224.A	6,1	0,45	22,4	0,0090	97,3	0,720	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.045.0224.I	6,1	0,45	22,4	0,0078	96,0	0,608	stainless steel	4C
T.061.045.0250.A	6,1	0,45	25,0	0,0074	116,7	0,720	music wire	4C
T.061.045.0250.I	6,1	0,45	25,0	0,0063	115,2	0,608	stainless steel	4C
T.061.045.0254.A	6,1	0,45	25,4	0,0072	119,7	0,720	music wire	4C
T.061.045.0254.I	6,1	0,45	25,4	0,0062	118,1	0,608	stainless steel	4C
T.061.045.0290.A	6,1	0,45	29,0	0,0057	146,6	0,720	music wire	4C
T.061.045.0290.I	6,1	0,45	29,0	0,0049	144,7	0,608	stainless steel	4C
T.061.045.0318.A	6,1	0,45	31,8	0,0050	167,6	0,720	music wire	4C
T.061.045.0318.I	6,1	0,45	31,8	0,0043	165,3	0,608	stainless steel	4C
T.061.045.0320.A	6,1	0,45	32,0	0,0049	169,1	0,720	music wire	4C
T.061.045.0320.I	6,1	0,45	32,0	0,0042	166,8	0,608	stainless steel	4C
T.061.045.0350.A	6,1	0,45	35,0	0,0043	191,5	0,720	music wire	4C
T.061.045.0350.I	6,1	0,45	35,0	0,0037	188,9	0,608	stainless steel	4C
T.061.045.0380.A	6,1	0,45	38,0	0,0038	214,0	0,720	music wire	4C
T.061.045.0380.I	6,1	0,45	38,0	0,0033	211,0	0,608	stainless steel	4C
T.061.045.0381.A	6,1	0,45	38,1	0,0038	214,7	0,720	music wire	4C
T.061.045.0381.I	6,1	0,45	38,1	0,0033	211,8	0,608	stainless steel	4C
T.061.045.0450.A	6,1	0,45	45,0	0,0031	266,3	0,720	music wire	4C
T.061.045.0450.I	6,1	0,45	45,0	0,0026	262,6	0,608	stainless steel	4C
T.061.045.0500.A	6,1	0,45	50,0	0,0027	303,7	0,720	music wire	4C
T.061.045.0500.I	6,1	0,45	50,0	0,0023	299,5	0,608	stainless steel	4C
T.061.045.0508.A	6,1	0,45	50,8	0,0026	309,7	0,720	music wire	4C
T.061.045.0508.I	6,1	0,45	50,8	0,0022	305,4	0,608	stainless steel	4C
T.061.045.0570.A	6,1	0,45	57,0	0,0023	356,1	0,720	music wire	4C
T.061.045.0570.I	6,1	0,45	57,0	0,0019	351,1	0,608	stainless steel	4C
T.061.045.0635.A	6,1	0,45	63,5	0,0020	404,7	0,720	music wire	4C
T.061.045.0635.I	6,1	0,45	63,5	0,0017	399,0	0,608	stainless steel	4C
T.061.045.0640.A	6,1	0,45	64,0	0,0020	408,5	0,720	music wire	4C
T.061.045.0640.I	6,1	0,45	64,0	0,0017	402,7	0,608	stainless steel	4C
T.061.045.0698.A	6,1	0,45	69,8	0,0018	451,9	0,720	music wire	4C
T.061.045.0698.I	6,1	0,45	69,8	0,0015	445,5	0,608	stainless steel	4C
T.061.055.0157.A	6,1	0,55	15,7	0,0582	35,6	1,268	music wire	4C
T.061.055.0157.I	6,1	0,55	15,7	0,0500	35,4	1,076	stainless steel	4C
T.061.055.0190.A	6,1	0,55	19,0	0,0355	51,7	1,268	music wire	4C
T.061.055.0190.I	6,1	0,55	19,0	0,0305	51,3	1,076	stainless steel	4C
T.061.055.0224.A	6,1	0,55	22,4	0,0253	68,3	1,268	music wire	4C
T.061.055.0224.I	6,1	0,55	22,4	0,0217	67,7	1,076	stainless steel	4C
T.061.055.0254.A	6,1	0,55	25,4	0,0202	82,9	1,268	music wire	4C
T.061.055.0254.I	6,1	0,55	25,4	0,0173	82,2	1,076	stainless steel	4C
T.061.055.0284.A	6,1	0,55	28,4	0,0168	97,5	1,268	music wire	4C
T.061.055.0284.I	6,1	0,55	28,4	0,0144	96,7	1,076	stainless steel	4C
T.061.055.0318.A	6,1	0,55	31,8	0,0141	114,1	1,268	music wire	4C
T.061.055.0318.I	6,1	0,55	31,8	0,0121	113,1	1,076	stainless steel	4C
T.061.055.0348.A	6,1	0,55	34,8	0,0124	128,7	1,268	music wire	4C
T.061.055.0348.I	6,1	0,55	34,8	0,0106	127,5	1,076	stainless steel	4C
T.061.055.0381.A	6,1	0,55	38,1	0,0109	144,8	1,268	music wire	4C
T.061.055.0381.I	6,1	0,55	38,1	0,0094	143,4	1,076	stainless steel	4C
T.061.055.0444.A	6,1	0,55	44,4	0,0089	175,5	1,268	music wire	4C
T.061.055.0444.I	6,1	0,55	44,4	0,0076	173,8	1,076	stainless steel	4C
T.061.055.0508.A	6,1	0,55	50,8	0,0075	206,6	1,268	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.055.0508.I	6,1	0,55	50,8	0,0064	204,7	1,076	stainless steel	4C
T.061.055.0572.A	6,1	0,55	57,2	0,0064	237,8	1,268	music wire	4C
T.061.055.0572.I	6,1	0,55	57,2	0,0055	235,6	1,076	stainless steel	4C
T.061.055.0635.A	6,1	0,55	63,5	0,0057	268,5	1,268	music wire	4C
T.061.055.0635.I	6,1	0,55	63,5	0,0049	266,0	1,076	stainless steel	4C
T.061.055.0698.A	6,1	0,55	69,8	0,0051	299,2	1,268	music wire	4C
T.061.055.0698.I	6,1	0,55	69,8	0,0043	296,4	1,076	stainless steel	4C
T.061.056.0159.A	6,1	0,56	15,9	0,0613	35,8	1,334	music wire	4C
T.061.056.0159.I	6,1	0,56	15,9	0,0527	35,5	1,132	stainless steel	4C
T.061.056.0191.A	6,1	0,56	19,1	0,0385	50,8	1,334	music wire	4C
T.061.056.0191.I	6,1	0,56	19,1	0,0330	50,4	1,132	stainless steel	4C
T.061.056.0220.A	6,1	0,56	22,0	0,0287	64,4	1,334	music wire	4C
T.061.056.0220.I	6,1	0,56	22,0	0,0247	63,9	1,132	stainless steel	4C
T.061.056.0290.A	6,1	0,56	29,0	0,0179	97,3	1,334	music wire	4C
T.061.056.0290.I	6,1	0,56	29,0	0,0153	96,5	1,132	stainless steel	4C
T.061.056.0320.A	6,1	0,56	32,0	0,0154	111,4	1,334	music wire	4C
T.061.056.0320.I	6,1	0,56	32,0	0,0132	110,4	1,132	stainless steel	4C
T.061.056.0350.A	6,1	0,56	35,0	0,0135	125,4	1,334	music wire	4C
T.061.056.0350.I	6,1	0,56	35,0	0,0116	124,4	1,132	stainless steel	4C
T.061.056.0380.A	6,1	0,56	38,0	0,0120	139,5	1,334	music wire	4C
T.061.056.0380.I	6,1	0,56	38,0	0,0103	138,3	1,132	stainless steel	4C
T.061.056.0450.A	6,1	0,56	45,0	0,0096	172,4	1,334	music wire	4C
T.061.056.0450.I	6,1	0,56	45,0	0,0082	170,9	1,132	stainless steel	4C
T.061.056.0500.A	6,1	0,56	50,0	0,0084	195,9	1,334	music wire	4C
T.061.056.0500.I	6,1	0,56	50,0	0,0072	194,1	1,132	stainless steel	4C
T.061.056.0570.A	6,1	0,56	57,0	0,0071	228,7	1,334	music wire	4C
T.061.056.0570.I	6,1	0,56	57,0	0,0061	226,7	1,132	stainless steel	4C
T.061.056.0700.A	6,1	0,56	70,0	0,0055	289,8	1,334	music wire	4C
T.061.056.0700.I	6,1	0,56	70,0	0,0048	287,1	1,132	stainless steel	4C
T.061.065.0127.A	6,1	0,65	12,7	0,2980	18,8	2,026	music wire	4C
T.061.065.0127.I	6,1	0,65	12,7	0,2560	18,8	1,725	stainless steel	4C
T.061.065.0157.A	6,1	0,65	15,7	0,1340	29,3	2,026	music wire	4C
T.061.065.0157.I	6,1	0,65	15,7	0,1151	29,2	1,725	stainless steel	4C
T.061.065.0159.A	6,1	0,65	15,9	0,1292	30,0	2,026	music wire	4C
T.061.065.0159.I	6,1	0,65	15,9	0,1110	29,9	1,725	stainless steel	4C
T.061.065.0190.A	6,1	0,65	19,0	0,0835	40,8	2,026	music wire	4C
T.061.065.0190.I	6,1	0,65	19,0	0,0717	40,6	1,725	stainless steel	4C
T.061.065.0220.A	6,1	0,65	22,0	0,0621	51,3	2,026	music wire	4C
T.061.065.0220.I	6,1	0,65	22,0	0,0534	51,0	1,725	stainless steel	4C
T.061.065.0224.A	6,1	0,65	22,4	0,0600	52,7	2,026	music wire	4C
T.061.065.0224.I	6,1	0,65	22,4	0,0516	52,4	1,725	stainless steel	4C
T.061.065.0250.A	6,1	0,65	25,0	0,0495	61,8	2,026	music wire	4C
T.061.065.0250.I	6,1	0,65	25,0	0,0425	61,5	1,725	stainless steel	4C
T.061.065.0254.A	6,1	0,65	25,4	0,0482	63,2	2,026	music wire	4C
T.061.065.0254.I	6,1	0,65	25,4	0,0414	62,9	1,725	stainless steel	4C
T.061.065.0284.A	6,1	0,65	28,4	0,0402	73,7	2,026	music wire	4C
T.061.065.0284.I	6,1	0,65	28,4	0,0346	73,3	1,725	stainless steel	4C
T.061.065.0290.A	6,1	0,65	29,0	0,0389	75,8	2,026	music wire	4C
T.061.065.0290.I	6,1	0,65	29,0	0,0334	75,3	1,725	stainless steel	4C
T.061.065.0318.A	6,1	0,65	31,8	0,0339	85,5	2,026	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.065.0318.I	6,1	0,65	31,8	0,0291	85,1	1,725	stainless steel	4C
T.061.065.0320.A	6,1	0,65	32,0	0,0336	86,2	2,026	music wire	4C
T.061.065.0320.I	6,1	0,65	32,0	0,0288	85,8	1,725	stainless steel	4C
T.061.065.0348.A	6,1	0,65	34,8	0,0297	96,0	2,026	music wire	4C
T.061.065.0348.I	6,1	0,65	34,8	0,0255	95,5	1,725	stainless steel	4C
T.061.065.0350.A	6,1	0,65	35,0	0,0295	96,7	2,026	music wire	4C
T.061.065.0350.I	6,1	0,65	35,0	0,0253	96,2	1,725	stainless steel	4C
T.061.065.0380.A	6,1	0,65	38,0	0,0263	107,2	2,026	music wire	4C
T.061.065.0380.I	6,1	0,65	38,0	0,0226	106,6	1,725	stainless steel	4C
T.061.065.0381.A	6,1	0,65	38,1	0,0262	107,5	2,026	music wire	4C
T.061.065.0381.I	6,1	0,65	38,1	0,0225	106,9	1,725	stainless steel	4C
T.061.065.0444.A	6,1	0,65	44,4	0,0214	129,6	2,026	music wire	4C
T.061.065.0444.I	6,1	0,65	44,4	0,0184	128,8	1,725	stainless steel	4C
T.061.065.0450.A	6,1	0,65	45,0	0,0210	131,7	2,026	music wire	4C
T.061.065.0450.I	6,1	0,65	45,0	0,0180	130,9	1,725	stainless steel	4C
T.061.065.0500.A	6,1	0,65	50,0	0,0184	149,1	2,026	music wire	4C
T.061.065.0500.I	6,1	0,65	50,0	0,0158	148,3	1,725	stainless steel	4C
T.061.065.0570.A	6,1	0,65	57,0	0,0156	173,6	2,026	music wire	4C
T.061.065.0570.I	6,1	0,65	57,0	0,0134	172,6	1,725	stainless steel	4C
T.061.065.0572.A	6,1	0,65	57,2	0,0156	174,3	2,026	music wire	4C
T.061.065.0572.I	6,1	0,65	57,2	0,0134	173,3	1,725	stainless steel	4C
T.061.065.0635.A	6,1	0,65	63,5	0,0137	196,3	2,026	music wire	4C
T.061.065.0635.I	6,1	0,65	63,5	0,0118	195,1	1,725	stainless steel	4C
T.061.065.0640.A	6,1	0,65	64,0	0,0136	198,0	2,026	music wire	4C
T.061.065.0640.I	6,1	0,65	64,0	0,0117	196,9	1,725	stainless steel	4C
T.061.065.0698.A	6,1	0,65	69,8	0,0123	218,3	2,026	music wire	4C
T.061.065.0698.I	6,1	0,65	69,8	0,0105	217,0	1,725	stainless steel	4C
T.061.065.0700.A	6,1	0,65	70,0	0,0122	219,0	2,026	music wire	4C
T.061.065.0700.I	6,1	0,65	70,0	0,0105	217,7	1,725	stainless steel	4C
T.061.065.0760.A	6,1	0,65	76,0	0,0111	240,0	2,026	music wire	4C
T.061.065.0760.I	6,1	0,65	76,0	0,0095	238,5	1,725	stainless steel	4C
T.061.065.0762.A	6,1	0,65	76,2	0,0111	240,7	2,026	music wire	4C
T.061.065.0762.I	6,1	0,65	76,2	0,0095	239,2	1,725	stainless steel	4C
T.061.065.0889.A	6,1	0,65	88,9	0,0093	285,0	2,026	music wire	4C
T.061.065.0889.I	6,1	0,65	88,9	0,0080	283,3	1,725	stainless steel	4C
T.061.065.0890.A	6,1	0,65	89,0	0,0093	285,4	2,026	music wire	4C
T.061.065.0890.I	6,1	0,65	89,0	0,0080	283,7	1,725	stainless steel	4C
T.061.065.1016.A	6,1	0,65	101,6	0,0080	329,4	2,026	music wire	4C
T.061.065.1016.I	6,1	0,65	101,6	0,0069	327,4	1,725	stainless steel	4C
T.061.065.1020.A	6,1	0,65	102,0	0,0080	330,8	2,026	music wire	4C
T.061.065.1020.I	6,1	0,65	102,0	0,0068	328,8	1,725	stainless steel	4D
T.061.065.1143.A	6,1	0,65	114,3	0,0070	373,8	2,026	music wire	4C
T.061.065.1143.I	6,1	0,65	114,3	0,0060	371,5	1,725	stainless steel	4D
T.061.065.1150.A	6,1	0,65	115,0	0,0070	376,2	2,026	music wire	4C
T.061.065.1150.I	6,1	0,65	115,0	0,0060	373,9	1,725	stainless steel	4D
T.061.065.1270.A	6,1	0,65	127,0	0,0063	418,1	2,026	music wire	4C
T.061.065.1270.I	6,1	0,65	127,0	0,0054	415,6	1,725	stainless steel	4D
T.061.075.0157.A	6,1	0,75	15,7	0,2746	25,4	3,020	music wire	4C
T.061.075.0157.I	6,1	0,75	15,7	0,2358	25,4	2,580	stainless steel	4C
T.061.075.0159.A	6,1	0,75	15,9	0,2653	26,0	3,020	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.075.0159.I	6,1	0,75	15,9	0,2279	25,9	2,580	stainless steel	4C
T.061.075.0190.A	6,1	0,75	19,0	0,1744	34,3	3,020	music wire	4C
T.061.075.0190.I	6,1	0,75	19,0	0,1498	34,2	2,580	stainless steel	4C
T.061.075.0191.A	6,1	0,75	19,1	0,1725	34,6	3,020	music wire	4C
T.061.075.0191.I	6,1	0,75	19,1	0,1482	34,5	2,580	stainless steel	4C
T.061.075.0220.A	6,1	0,75	22,0	0,1310	42,4	3,020	music wire	4C
T.061.075.0220.I	6,1	0,75	22,0	0,1125	42,3	2,580	stainless steel	4C
T.061.075.0224.A	6,1	0,75	22,4	0,1268	43,5	3,020	music wire	4C
T.061.075.0224.I	6,1	0,75	22,4	0,1089	43,4	2,580	stainless steel	4C
T.061.075.0250.A	6,1	0,75	25,0	0,1049	50,5	3,020	music wire	4C
T.061.075.0250.I	6,1	0,75	25,0	0,0900	50,3	2,580	stainless steel	4C
T.061.075.0254.A	6,1	0,75	25,4	0,1022	51,5	3,020	music wire	4C
T.061.075.0254.I	6,1	0,75	25,4	0,0878	51,4	2,580	stainless steel	4C
T.061.075.0284.A	6,1	0,75	28,4	0,0856	59,6	3,020	music wire	4C
T.061.075.0284.I	6,1	0,75	28,4	0,0735	59,5	2,580	stainless steel	4C
T.061.075.0290.A	6,1	0,75	29,0	0,0829	61,2	3,020	music wire	4C
T.061.075.0290.I	6,1	0,75	29,0	0,0712	61,1	2,580	stainless steel	4C
T.061.075.0318.A	6,1	0,75	31,8	0,0723	68,8	3,020	music wire	4C
T.061.075.0318.I	6,1	0,75	31,8	0,0621	68,6	2,580	stainless steel	4C
T.061.075.0320.A	6,1	0,75	32,0	0,0716	69,3	3,020	music wire	4C
T.061.075.0320.I	6,1	0,75	32,0	0,0615	69,1	2,580	stainless steel	4C
T.061.075.0348.A	6,1	0,75	34,8	0,0635	76,8	3,020	music wire	4C
T.061.075.0348.I	6,1	0,75	34,8	0,0546	76,6	2,580	stainless steel	4C
T.061.075.0350.A	6,1	0,75	35,0	0,0630	77,4	3,020	music wire	4C
T.061.075.0350.I	6,1	0,75	35,0	0,0541	77,2	2,580	stainless steel	4C
T.061.075.0380.A	6,1	0,75	38,0	0,0563	85,5	3,020	music wire	4C
T.061.075.0380.I	6,1	0,75	38,0	0,0483	85,2	2,580	stainless steel	4C
T.061.075.0381.A	6,1	0,75	38,1	0,0561	85,7	3,020	music wire	4C
T.061.075.0381.I	6,1	0,75	38,1	0,0482	85,5	2,580	stainless steel	4C
T.061.075.0444.A	6,1	0,75	44,4	0,0458	102,7	3,020	music wire	4C
T.061.075.0444.I	6,1	0,75	44,4	0,0394	102,4	2,580	stainless steel	4C
T.061.075.0450.A	6,1	0,75	45,0	0,0450	104,3	3,020	music wire	4C
T.061.075.0450.I	6,1	0,75	45,0	0,0387	104,0	2,580	stainless steel	4C
T.061.075.0500.A	6,1	0,75	50,0	0,0394	117,8	3,020	music wire	4C
T.061.075.0500.I	6,1	0,75	50,0	0,0339	117,4	2,580	stainless steel	4C
T.061.075.0508.A	6,1	0,75	50,8	0,0386	119,9	3,020	music wire	4C
T.061.075.0508.I	6,1	0,75	50,8	0,0332	119,6	2,580	stainless steel	4C
T.061.075.0570.A	6,1	0,75	57,0	0,0336	136,6	3,020	music wire	4C
T.061.075.0570.I	6,1	0,75	57,0	0,0288	136,2	2,580	stainless steel	4C
T.061.075.0572.A	6,1	0,75	57,2	0,0334	137,2	3,020	music wire	4C
T.061.075.0572.I	6,1	0,75	57,2	0,0287	136,7	2,580	stainless steel	4C
T.061.075.0635.A	6,1	0,75	63,5	0,0295	154,1	3,020	music wire	4C
T.061.075.0635.I	6,1	0,75	63,5	0,0253	153,6	2,580	stainless steel	4C
T.061.075.0640.A	6,1	0,75	64,0	0,0292	155,5	3,020	music wire	4C
T.061.075.0640.I	6,1	0,75	64,0	0,0251	155,0	2,580	stainless steel	4C
T.061.075.0698.A	6,1	0,75	69,8	0,0264	171,1	3,020	music wire	4C
T.061.075.0698.I	6,1	0,75	69,8	0,0227	170,5	2,580	stainless steel	4C
T.061.075.0700.A	6,1	0,75	70,0	0,0263	171,6	3,020	music wire	4C
T.061.075.0700.I	6,1	0,75	70,0	0,0226	171,1	2,580	stainless steel	4C
T.061.075.0760.A	6,1	0,75	76,0	0,0239	187,8	3,020	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.075.0760.I	6,1	0,75	76,0	0,0205	187,2	2,580	stainless steel	4C
T.061.075.0762.A	6,1	0,75	76,2	0,0238	188,3	3,020	music wire	4C
T.061.075.0762.I	6,1	0,75	76,2	0,0205	187,7	2,580	stainless steel	4C
T.061.075.0889.A	6,1	0,75	88,9	0,0200	222,5	3,020	music wire	4C
T.061.075.0889.I	6,1	0,75	88,9	0,0172	221,8	2,580	stainless steel	4D
T.061.075.0890.A	6,1	0,75	89,0	0,0200	222,8	3,020	music wire	4C
T.061.075.0890.I	6,1	0,75	89,0	0,0172	222,0	2,580	stainless steel	4D
T.061.075.1016.A	6,1	0,75	101,6	0,0172	256,7	3,020	music wire	4C
T.061.075.1016.I	6,1	0,75	101,6	0,0148	255,9	2,580	stainless steel	4D
T.061.075.1020.A	6,1	0,75	102,0	0,0172	257,8	3,020	music wire	4C
T.061.075.1020.I	6,1	0,75	102,0	0,0147	256,9	2,580	stainless steel	4D
T.061.075.1143.A	6,1	0,75	114,3	0,0151	290,9	3,020	music wire	4C
T.061.075.1143.I	6,1	0,75	114,3	0,0130	289,9	2,580	stainless steel	4D
T.061.075.1150.A	6,1	0,75	115,0	0,0150	292,8	3,020	music wire	4C
T.061.075.1150.I	6,1	0,75	115,0	0,0129	291,8	2,580	stainless steel	4D
T.061.075.1270.A	6,1	0,75	127,0	0,0135	325,1	3,020	music wire	4C
T.061.075.1270.I	6,1	0,75	127,0	0,0116	324,0	2,580	stainless steel	4D
T.061.080.0157.A	6,1	0,80	15,7	0,3800	24,0	3,612	music wire	4C
T.061.080.0157.I	6,1	0,80	15,7	0,3264	24,0	3,091	stainless steel	4C
T.061.080.0159.A	6,1	0,80	15,9	0,3676	24,5	3,612	music wire	4C
T.061.080.0159.I	6,1	0,80	15,9	0,3157	24,5	3,091	stainless steel	4C
T.061.080.0190.A	6,1	0,80	19,0	0,2437	32,0	3,612	music wire	4C
T.061.080.0190.I	6,1	0,80	19,0	0,2093	32,0	3,091	stainless steel	4C
T.061.080.0220.A	6,1	0,80	22,0	0,1838	39,3	3,612	music wire	4C
T.061.080.0220.I	6,1	0,80	22,0	0,1579	39,2	3,091	stainless steel	4C
T.061.080.0224.A	6,1	0,80	22,4	0,1780	40,2	3,612	music wire	4C
T.061.080.0224.I	6,1	0,80	22,4	0,1528	40,2	3,091	stainless steel	4C
T.061.080.0290.A	6,1	0,80	29,0	0,1168	56,2	3,612	music wire	4C
T.061.080.0290.I	6,1	0,80	29,0	0,1003	56,1	3,091	stainless steel	4C
T.061.080.0318.A	6,1	0,80	31,8	0,1019	62,9	3,612	music wire	4C
T.061.080.0318.I	6,1	0,80	31,8	0,0875	62,8	3,091	stainless steel	4C
T.061.080.0348.A	6,1	0,80	34,8	0,0897	70,2	3,612	music wire	4C
T.061.080.0348.I	6,1	0,80	34,8	0,0770	70,0	3,091	stainless steel	4C
T.061.080.0350.A	6,1	0,80	35,0	0,0890	70,7	3,612	music wire	4C
T.061.080.0350.I	6,1	0,80	35,0	0,0764	70,5	3,091	stainless steel	4C
T.061.080.0380.A	6,1	0,80	38,0	0,0795	77,9	3,612	music wire	4C
T.061.080.0380.I	6,1	0,80	38,0	0,0683	77,8	3,091	stainless steel	4C
T.061.080.0381.A	6,1	0,80	38,1	0,0792	78,1	3,612	music wire	4C
T.061.080.0381.I	6,1	0,80	38,1	0,0681	78,0	3,091	stainless steel	4C
T.061.080.0444.A	6,1	0,80	44,4	0,0648	93,4	3,612	music wire	4C
T.061.080.0444.I	6,1	0,80	44,4	0,0557	93,2	3,091	stainless steel	4C
T.061.080.0450.A	6,1	0,80	45,0	0,0637	94,8	3,612	music wire	4C
T.061.080.0450.I	6,1	0,80	45,0	0,0547	94,6	3,091	stainless steel	4C
T.061.080.0570.A	6,1	0,80	57,0	0,0475	123,8	3,612	music wire	4C
T.061.080.0570.I	6,1	0,80	57,0	0,0408	123,5	3,091	stainless steel	4C
T.061.080.0572.A	6,1	0,80	57,2	0,0473	124,3	3,612	music wire	4C
T.061.080.0572.I	6,1	0,80	57,2	0,0406	124,0	3,091	stainless steel	4C
T.061.080.0635.A	6,1	0,80	63,5	0,0418	139,5	3,612	music wire	4C
T.061.080.0635.I	6,1	0,80	63,5	0,0359	139,2	3,091	stainless steel	4C
T.061.080.0698.A	6,1	0,80	69,8	0,0374	154,7	3,612	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.080.0698.I	6,1	0,80	69,8	0,0321	154,4	3,091	stainless steel	4C
T.061.080.0700.A	6,1	0,80	70,0	0,0372	155,2	3,612	music wire	4C
T.061.080.0700.I	6,1	0,80	70,0	0,0320	154,9	3,091	stainless steel	4C
T.061.080.0760.A	6,1	0,80	76,0	0,0339	169,7	3,612	music wire	4C
T.061.080.0760.I	6,1	0,80	76,0	0,0291	169,3	3,091	stainless steel	4C
T.061.080.0762.A	6,1	0,80	76,2	0,0338	170,1	3,612	music wire	4C
T.061.080.0762.I	6,1	0,80	76,2	0,0290	169,8	3,091	stainless steel	4C
T.061.080.0889.A	6,1	0,80	88,9	0,0283	200,8	3,612	music wire	4C
T.061.080.0889.I	6,1	0,80	88,9	0,0243	200,4	3,091	stainless steel	4D
T.061.080.0890.A	6,1	0,80	89,0	0,0283	201,1	3,612	music wire	4C
T.061.080.0890.I	6,1	0,80	89,0	0,0243	200,6	3,091	stainless steel	4D
T.061.080.1016.A	6,1	0,80	101,6	0,0244	231,5	3,612	music wire	4C
T.061.080.1016.I	6,1	0,80	101,6	0,0210	231,0	3,091	stainless steel	4D
T.061.080.1020.A	6,1	0,80	102,0	0,0243	232,5	3,612	music wire	4C
T.061.080.1020.I	6,1	0,80	102,0	0,0209	232,0	3,091	stainless steel	4D
T.061.080.1143.A	6,1	0,80	114,3	0,0215	262,2	3,612	music wire	4C
T.061.080.1143.I	6,1	0,80	114,3	0,0184	261,6	3,091	stainless steel	4D
T.061.080.1150.A	6,1	0,80	115,0	0,0213	263,8	3,612	music wire	4C
T.061.080.1150.I	6,1	0,80	115,0	0,0183	263,3	3,091	stainless steel	4D
T.061.080.1270.A	6,1	0,80	127,0	0,0191	292,8	3,612	music wire	4C
T.061.080.1270.I	6,1	0,80	127,0	0,0164	292,2	3,091	stainless steel	4D
T.061.085.0157.A	6,1	0,85	15,7	0,5163	22,9	4,271	music wire	4C
T.061.085.0157.I	6,1	0,85	15,7	0,4435	22,9	3,660	stainless steel	4C
T.061.085.0159.A	6,1	0,85	15,9	0,5000	23,4	4,271	music wire	4C
T.061.085.0159.I	6,1	0,85	15,9	0,4293	23,3	3,660	stainless steel	4C
T.061.085.0190.A	6,1	0,85	19,0	0,3341	30,2	4,271	music wire	4C
T.061.085.0190.I	6,1	0,85	19,0	0,2870	30,1	3,660	stainless steel	4C
T.061.085.0220.A	6,1	0,85	22,0	0,2529	36,7	4,271	music wire	4C
T.061.085.0220.I	6,1	0,85	22,0	0,2172	36,7	3,660	stainless steel	4C
T.061.085.0224.A	6,1	0,85	22,4	0,2450	37,6	4,271	music wire	4C
T.061.085.0224.I	6,1	0,85	22,4	0,2100	37,6	3,660	stainless steel	4C
T.061.085.0250.A	6,1	0,85	25,0	0,2035	43,3	4,271	music wire	4C
T.061.085.0250.I	6,1	0,85	25,0	0,1748	43,3	3,660	stainless steel	4C
T.061.085.0254.A	6,1	0,85	25,4	0,1983	44,2	4,271	music wire	4C
T.061.085.0254.I	6,1	0,85	25,4	0,1704	44,1	3,660	stainless steel	4C
T.061.085.0284.A	6,1	0,85	28,4	0,1666	50,8	4,271	music wire	4C
T.061.085.0284.I	6,1	0,85	28,4	0,1431	50,7	3,660	stainless steel	4C
T.061.085.0290.A	6,1	0,85	29,0	0,1614	52,1	4,271	music wire	4C
T.061.085.0290.I	6,1	0,85	29,0	0,1387	52,0	3,660	stainless steel	4C
T.061.085.0318.A	6,1	0,85	31,8	0,1410	58,2	4,271	music wire	4C
T.061.085.0318.I	6,1	0,85	31,8	0,1211	58,2	3,660	stainless steel	4C
T.061.085.0348.A	6,1	0,85	34,8	0,1242	64,8	4,271	music wire	4C
T.061.085.0348.I	6,1	0,85	34,8	0,1067	64,7	3,660	stainless steel	4C
T.061.085.0350.A	6,1	0,85	35,0	0,1232	65,2	4,271	music wire	4C
T.061.085.0350.I	6,1	0,85	35,0	0,1058	65,2	3,660	stainless steel	4C
T.061.085.0380.A	6,1	0,85	38,0	0,1100	71,8	4,271	music wire	4C
T.061.085.0380.I	6,1	0,85	38,0	0,0946	71,7	3,660	stainless steel	4C
T.061.085.0381.A	6,1	0,85	38,1	0,1100	72,0	4,271	music wire	4C
T.061.085.0381.I	6,1	0,85	38,1	0,0943	72,0	3,660	stainless steel	4C
T.061.085.0444.A	6,1	0,85	44,4	0,0900	85,9	4,271	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.085.0444.I	6,1	0,85	44,4	0,0772	85,8	3,660	stainless steel	4C
T.061.085.0450.A	6,1	0,85	45,0	0,0884	87,2	4,271	music wire	4C
T.061.085.0450.I	6,1	0,85	45,0	0,0759	87,1	3,660	stainless steel	4C
T.061.085.0500.A	6,1	0,85	50,0	0,0774	98,1	4,271	music wire	4C
T.061.085.0500.I	6,1	0,85	50,0	0,0665	98,0	3,660	stainless steel	4C
T.061.085.0508.A	6,1	0,85	50,8	0,0759	99,9	4,271	music wire	4C
T.061.085.0508.I	6,1	0,85	50,8	0,0652	99,8	3,660	stainless steel	4C
T.061.085.0570.A	6,1	0,85	57,0	0,0660	113,5	4,271	music wire	4C
T.061.085.0570.I	6,1	0,85	57,0	0,0567	113,4	3,660	stainless steel	4C
T.061.085.0572.A	6,1	0,85	57,2	0,0657	113,9	4,271	music wire	4C
T.061.085.0572.I	6,1	0,85	57,2	0,0564	113,8	3,660	stainless steel	4C
T.061.085.0635.A	6,1	0,85	63,5	0,0580	127,7	4,271	music wire	4C
T.061.085.0635.I	6,1	0,85	63,5	0,0498	127,6	3,660	stainless steel	4C
T.061.085.0640.A	6,1	0,85	64,0	0,0575	128,8	4,271	music wire	4C
T.061.085.0640.I	6,1	0,85	64,0	0,0494	128,7	3,660	stainless steel	4C
T.061.085.0698.A	6,1	0,85	69,8	0,0519	141,5	4,271	music wire	4C
T.061.085.0698.I	6,1	0,85	69,8	0,0446	141,4	3,660	stainless steel	4C
T.061.085.0700.A	6,1	0,85	70,0	0,0518	142,0	4,271	music wire	4C
T.061.085.0700.I	6,1	0,85	70,0	0,0445	141,8	3,660	stainless steel	4C
T.061.085.0760.A	6,1	0,85	76,0	0,0471	155,1	4,271	music wire	4C
T.061.085.0760.I	6,1	0,85	76,0	0,0404	155,0	3,660	stainless steel	4C
T.061.085.0762.A	6,1	0,85	76,2	0,0469	155,6	4,271	music wire	4C
T.061.085.0762.I	6,1	0,85	76,2	0,0403	155,4	3,660	stainless steel	4C
T.061.085.0889.A	6,1	0,85	88,9	0,0394	183,4	4,271	music wire	4C
T.061.085.0889.I	6,1	0,85	88,9	0,0339	183,2	3,660	stainless steel	4D
T.061.085.0890.A	6,1	0,85	89,0	0,0394	183,7	4,271	music wire	4C
T.061.085.0890.I	6,1	0,85	89,0	0,0338	183,4	3,660	stainless steel	4D
T.061.085.1016.A	6,1	0,85	101,6	0,0340	211,3	4,271	music wire	4C
T.061.085.1016.I	6,1	0,85	101,6	0,0292	211,0	3,660	stainless steel	4D
T.061.085.1020.A	6,1	0,85	102,0	0,0338	212,2	4,271	music wire	4C
T.061.085.1020.I	6,1	0,85	102,0	0,0291	211,9	3,660	stainless steel	4D
T.061.085.1143.A	6,1	0,85	114,3	0,0299	239,1	4,271	music wire	4C
T.061.085.1143.I	6,1	0,85	114,3	0,0256	238,8	3,660	stainless steel	4D
T.061.085.1150.A	6,1	0,85	115,0	0,0297	240,7	4,271	music wire	4C
T.061.085.1150.I	6,1	0,85	115,0	0,0255	240,4	3,660	stainless steel	4D
T.061.085.1270.A	6,1	0,85	127,0	0,0266	267,0	4,271	music wire	4C
T.061.085.1270.I	6,1	0,85	127,0	0,0229	266,7	3,660	stainless steel	4D
T.061.090.0157.A	6,1	0,90	15,7	0,6900	22,0	4,999	music wire	4E
T.061.090.0157.I	6,1	0,90	15,7	0,5927	22,0	4,290	stainless steel	4E
T.061.090.0159.A	6,1	0,90	15,9	0,6685	22,4	4,999	music wire	4E
T.061.090.0159.I	6,1	0,90	15,9	0,5742	22,4	4,290	stainless steel	4E
T.061.090.0190.A	6,1	0,90	19,0	0,4503	28,6	4,999	music wire	4E
T.061.090.0190.I	6,1	0,90	19,0	0,3868	28,6	4,290	stainless steel	4E
T.061.090.0191.A	6,1	0,90	19,1	0,4457	28,8	4,999	music wire	4E
T.061.090.0191.I	6,1	0,90	19,1	0,3828	28,8	4,290	stainless steel	4E
T.061.090.0220.A	6,1	0,90	22,0	0,3423	34,7	4,999	music wire	4E
T.061.090.0220.I	6,1	0,90	22,0	0,2940	34,6	4,290	stainless steel	4E
T.061.090.0250.A	6,1	0,90	25,0	0,2760	40,7	4,999	music wire	4E
T.061.090.0250.I	6,1	0,90	25,0	0,2371	40,7	4,290	stainless steel	4E
T.061.090.0254.A	6,1	0,90	25,4	0,2691	41,5	4,999	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.090.0254.I	6,1	0,90	25,4	0,2311	41,5	4,290	stainless steel	4E
T.061.090.0284.A	6,1	0,90	28,4	0,2264	47,5	4,999	music wire	4E
T.061.090.0284.I	6,1	0,90	28,4	0,1944	47,5	4,290	stainless steel	4E
T.061.090.0290.A	6,1	0,90	29,0	0,2194	48,7	4,999	music wire	4E
T.061.090.0290.I	6,1	0,90	29,0	0,1884	48,7	4,290	stainless steel	4E
T.061.090.0318.A	6,1	0,90	31,8	0,1919	54,4	4,999	music wire	4E
T.061.090.0318.I	6,1	0,90	31,8	0,1648	54,4	4,290	stainless steel	4E
T.061.090.0320.A	6,1	0,90	32,0	0,1901	54,8	4,999	music wire	4E
T.061.090.0320.I	6,1	0,90	32,0	0,1633	54,8	4,290	stainless steel	4E
T.061.090.0348.A	6,1	0,90	34,8	0,1691	60,4	4,999	music wire	4E
T.061.090.0348.I	6,1	0,90	34,8	0,1452	60,4	4,290	stainless steel	4E
T.061.090.0350.A	6,1	0,90	35,0	0,1678	60,8	4,999	music wire	4E
T.061.090.0350.I	6,1	0,90	35,0	0,1441	60,8	4,290	stainless steel	4E
T.061.090.0380.A	6,1	0,90	38,0	0,1501	66,9	4,999	music wire	4E
T.061.090.0380.I	6,1	0,90	38,0	0,1289	66,8	4,290	stainless steel	4E
T.061.090.0381.A	6,1	0,90	38,1	0,1496	67,1	4,999	music wire	4E
T.061.090.0381.I	6,1	0,90	38,1	0,1285	67,0	4,290	stainless steel	4E
T.061.090.0444.A	6,1	0,90	44,4	0,1226	79,7	4,999	music wire	4E
T.061.090.0444.I	6,1	0,90	44,4	0,1053	79,7	4,290	stainless steel	4E
T.061.090.0450.A	6,1	0,90	45,0	0,1205	81,0	4,999	music wire	4E
T.061.090.0450.I	6,1	0,90	45,0	0,1035	80,9	4,290	stainless steel	4E
T.061.090.0500.A	6,1	0,90	50,0	0,1056	91,0	4,999	music wire	4E
T.061.090.0500.I	6,1	0,90	50,0	0,0907	91,0	4,290	stainless steel	4E
T.061.090.0508.A	6,1	0,90	50,8	0,1036	92,6	4,999	music wire	4E
T.061.090.0508.I	6,1	0,90	50,8	0,0890	92,6	4,290	stainless steel	4E
T.061.090.0570.A	6,1	0,90	57,0	0,0900	105,1	4,999	music wire	4E
T.061.090.0570.I	6,1	0,90	57,0	0,0774	105,1	4,290	stainless steel	4E
T.061.090.0572.A	6,1	0,90	57,2	0,0897	105,5	4,999	music wire	4E
T.061.090.0572.I	6,1	0,90	57,2	0,0770	105,5	4,290	stainless steel	4E
T.061.090.0635.A	6,1	0,90	63,5	0,0792	118,2	4,999	music wire	4E
T.061.090.0635.I	6,1	0,90	63,5	0,0680	118,1	4,290	stainless steel	4E
T.061.090.0640.A	6,1	0,90	64,0	0,0785	119,2	4,999	music wire	4E
T.061.090.0640.I	6,1	0,90	64,0	0,0674	119,2	4,290	stainless steel	4E
T.061.090.0698.A	6,1	0,90	69,8	0,0710	130,9	4,999	music wire	4E
T.061.090.0698.I	6,1	0,90	69,8	0,0609	130,8	4,290	stainless steel	4E
T.061.090.0700.A	6,1	0,90	70,0	0,0707	131,3	4,999	music wire	4E
T.061.090.0700.I	6,1	0,90	70,0	0,0607	131,2	4,290	stainless steel	4E
T.061.090.0760.A	6,1	0,90	76,0	0,0643	143,4	4,999	music wire	4E
T.061.090.0760.I	6,1	0,90	76,0	0,0553	143,3	4,290	stainless steel	4E
T.061.090.0762.A	6,1	0,90	76,2	0,0641	143,8	4,999	music wire	4E
T.061.090.0762.I	6,1	0,90	76,2	0,0551	143,7	4,290	stainless steel	4E
T.061.090.0826.A	6,1	0,90	82,6	0,0585	156,6	4,999	music wire	4E
T.061.090.0826.I	6,1	0,90	82,6	0,0503	156,6	4,290	stainless steel	4E
T.061.090.0830.A	6,1	0,90	83,0	0,0582	157,4	4,999	music wire	4E
T.061.090.0830.I	6,1	0,90	83,0	0,0500	157,4	4,290	stainless steel	4E
T.061.090.0889.A	6,1	0,90	88,9	0,0539	169,3	4,999	music wire	4E
T.061.090.0889.I	6,1	0,90	88,9	0,0463	169,3	4,290	stainless steel	4E
T.061.090.0890.A	6,1	0,90	89,0	0,0538	169,5	4,999	music wire	4E
T.061.090.0890.I	6,1	0,90	89,0	0,0462	169,5	4,290	stainless steel	4E
T.061.090.1016.A	6,1	0,90	101,6	0,0465	194,9	4,999	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.090.1016.I	6,1	0,90	101,6	0,0400	194,8	4,290	stainless steel	4E
T.061.090.1020.A	6,1	0,90	102,0	0,0463	195,7	4,999	music wire	4E
T.061.090.1020.I	6,1	0,90	102,0	0,0397	195,6	4,290	stainless steel	4E
T.061.090.1143.A	6,1	0,90	114,3	0,0408	220,4	4,999	music wire	4E
T.061.090.1143.I	6,1	0,90	114,3	0,0351	220,4	4,290	stainless steel	4E
T.061.090.1150.A	6,1	0,90	115,0	0,0406	221,9	4,999	music wire	4E
T.061.090.1150.I	6,1	0,90	115,0	0,0348	221,8	4,290	stainless steel	4E
T.061.090.1270.A	6,1	0,90	127,0	0,0364	246,0	4,999	music wire	4E
T.061.090.1270.I	6,1	0,90	127,0	0,0313	245,9	4,290	stainless steel	4E
T.061.100.0159.A	6,1	1,00	15,9	1,1463	20,9	6,669	music wire	4E
T.061.100.0159.I	6,1	1,00	15,9	0,9845	20,9	5,739	stainless steel	4E
T.061.100.0190.A	6,1	1,00	19,0	0,7837	26,3	6,669	music wire	4E
T.061.100.0190.I	6,1	1,00	19,0	0,6731	26,3	5,739	stainless steel	4E
T.061.100.0191.A	6,1	1,00	19,1	0,7758	26,5	6,669	music wire	4E
T.061.100.0191.I	6,1	1,00	19,1	0,6663	26,5	5,739	stainless steel	4E
T.061.100.0220.A	6,1	1,00	22,0	0,6000	31,5	6,669	music wire	4E
T.061.100.0220.I	6,1	1,00	22,0	0,5153	31,5	5,739	stainless steel	4E
T.061.100.0250.A	6,1	1,00	25,0	0,4861	36,7	6,669	music wire	4E
T.061.100.0250.I	6,1	1,00	25,0	0,4175	36,8	5,739	stainless steel	4E
T.061.100.0254.A	6,1	1,00	25,4	0,4741	37,4	6,669	music wire	4E
T.061.100.0254.I	6,1	1,00	25,4	0,4072	37,5	5,739	stainless steel	4E
T.061.100.0284.A	6,1	1,00	28,4	0,4000	42,7	6,669	music wire	4E
T.061.100.0284.I	6,1	1,00	28,4	0,3436	42,7	5,739	stainless steel	4E
T.061.100.0290.A	6,1	1,00	29,0	0,3879	43,7	6,669	music wire	4E
T.061.100.0290.I	6,1	1,00	29,0	0,3331	43,7	5,739	stainless steel	4E
T.061.100.0320.A	6,1	1,00	32,0	0,3368	49,0	6,669	music wire	4E
T.061.100.0320.I	6,1	1,00	32,0	0,2893	49,0	5,739	stainless steel	4E
T.061.100.0348.A	6,1	1,00	34,8	0,3000	53,8	6,669	music wire	4E
T.061.100.0348.I	6,1	1,00	34,8	0,2577	53,9	5,739	stainless steel	4E
T.061.100.0350.A	6,1	1,00	35,0	0,2977	54,2	6,669	music wire	4E
T.061.100.0350.I	6,1	1,00	35,0	0,2557	54,2	5,739	stainless steel	4E
T.061.100.0380.A	6,1	1,00	38,0	0,2667	59,4	6,669	music wire	4E
T.061.100.0380.I	6,1	1,00	38,0	0,2290	59,5	5,739	stainless steel	4E
T.061.100.0381.A	6,1	1,00	38,1	0,2657	59,6	6,669	music wire	4E
T.061.100.0381.I	6,1	1,00	38,1	0,2282	59,6	5,739	stainless steel	4E
T.061.100.0444.A	6,1	1,00	44,4	0,2182	70,6	6,669	music wire	4E
T.061.100.0444.I	6,1	1,00	44,4	0,1874	70,6	5,739	stainless steel	4E
T.061.100.0450.A	6,1	1,00	45,0	0,2145	71,6	6,669	music wire	4E
T.061.100.0450.I	6,1	1,00	45,0	0,1843	71,7	5,739	stainless steel	4E
T.061.100.0500.A	6,1	1,00	50,0	0,1882	80,3	6,669	music wire	4E
T.061.100.0500.I	6,1	1,00	50,0	0,1617	80,4	5,739	stainless steel	4E
T.061.100.0508.A	6,1	1,00	50,8	0,1846	81,7	6,669	music wire	4E
T.061.100.0508.I	6,1	1,00	50,8	0,1586	81,8	5,739	stainless steel	4E
T.061.100.0570.A	6,1	1,00	57,0	0,1607	92,5	6,669	music wire	4E
T.061.100.0570.I	6,1	1,00	57,0	0,1380	92,6	5,739	stainless steel	4E
T.061.100.0572.A	6,1	1,00	57,2	0,1600	92,9	6,669	music wire	4E
T.061.100.0572.I	6,1	1,00	57,2	0,1374	93,0	5,739	stainless steel	4E
T.061.100.0640.A	6,1	1,00	64,0	0,1401	104,7	6,669	music wire	4E
T.061.100.0640.I	6,1	1,00	64,0	0,1204	104,8	5,739	stainless steel	4E
T.061.100.0700.A	6,1	1,00	70,0	0,1263	115,2	6,669	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.061.100.0700.I	6,1	1,00	70,0	0,1085	115,3	5,739	stainless steel	4E
T.061.100.0760.A	6,1	1,00	76,0	0,1150	125,7	6,669	music wire	4E
T.061.100.0760.I	6,1	1,00	76,0	0,0987	125,8	5,739	stainless steel	4E
T.061.100.0762.A	6,1	1,00	76,2	0,1146	126,0	6,669	music wire	4E
T.061.100.0762.I	6,1	1,00	76,2	0,0985	126,1	5,739	stainless steel	4E
T.061.100.0889.A	6,1	1,00	88,9	0,0964	148,2	6,669	music wire	4E
T.061.100.0889.I	6,1	1,00	88,9	0,0828	148,3	5,739	stainless steel	4E
T.061.100.0890.A	6,1	1,00	89,0	0,0962	148,3	6,669	music wire	4E
T.061.100.0890.I	6,1	1,00	89,0	0,0827	148,4	5,739	stainless steel	4E
T.061.100.1016.A	6,1	1,00	101,6	0,0831	170,3	6,669	music wire	4E
T.061.100.1016.I	6,1	1,00	101,6	0,0714	170,4	5,739	stainless steel	4E
T.061.100.1020.A	6,1	1,00	102,0	0,0828	171,0	6,669	music wire	4E
T.061.100.1020.I	6,1	1,00	102,0	0,0711	171,1	5,739	stainless steel	4E
T.061.100.1143.A	6,1	1,00	114,3	0,0731	192,4	6,669	music wire	4E
T.061.100.1143.I	6,1	1,00	114,3	0,0628	192,6	5,739	stainless steel	4E
T.061.100.1150.A	6,1	1,00	115,0	0,0726	193,7	6,669	music wire	4E
T.061.100.1150.I	6,1	1,00	115,0	0,0623	193,8	5,739	stainless steel	4E
T.061.100.1270.A	6,1	1,00	127,0	0,0652	214,6	6,669	music wire	4E
T.061.100.1270.I	6,1	1,00	127,0	0,0560	214,7	5,739	stainless steel	4E
T.062.056.0143.A	6,2	0,56	14,3	0,0873	28,0	1,307	music wire	4C
T.062.056.0143.I	6,2	0,56	14,3	0,0749	27,3	1,070	stainless steel	4C
T.062.060.0157.A	6,2	0,60	15,7	0,0884	32,0	1,588	music wire	4C
T.062.060.0157.I	6,2	0,60	15,7	0,0760	31,2	1,301	stainless steel	4C
T.062.060.0159.A	6,2	0,60	15,9	0,0854	32,8	1,588	music wire	4C
T.062.060.0159.I	6,2	0,60	15,9	0,0734	31,9	1,301	stainless steel	4C
T.062.075.0159.A	6,2	0,75	15,9	0,2586	26,1	2,967	music wire	4C
T.062.075.0159.I	6,2	0,75	15,9	0,2221	25,6	2,440	stainless steel	4C
T.063.040.0380.A	6,3	0,40	38,0	0,0019	288,5	0,500	music wire	4C
T.063.040.0380.I	6,3	0,40	38,0	0,0016	283,7	0,421	stainless steel	4C
T.063.040.0640.A	6,3	0,40	64,0	0,0010	559,4	0,500	music wire	4C
T.063.040.0640.I	6,3	0,40	64,0	0,0008	549,9	0,421	stainless steel	4C
T.063.045.0159.A	6,3	0,45	15,9	0,0202	48,5	0,698	music wire	4C
T.063.045.0159.I	6,3	0,45	15,9	0,0173	47,9	0,589	stainless steel	4C
T.063.045.0250.A	6,3	0,45	25,0	0,0068	121,3	0,698	music wire	4C
T.063.045.0250.I	6,3	0,45	25,0	0,0059	119,7	0,589	stainless steel	4C
T.063.045.0290.A	6,3	0,45	29,0	0,0053	153,3	0,698	music wire	4C
T.063.045.0290.I	6,3	0,45	29,0	0,0045	151,2	0,589	stainless steel	4C
T.063.045.0350.A	6,3	0,45	35,0	0,0040	201,3	0,698	music wire	4C
T.063.045.0350.I	6,3	0,45	35,0	0,0034	198,5	0,589	stainless steel	4C
T.063.045.0380.A	6,3	0,45	38,0	0,0035	225,3	0,698	music wire	4C
T.063.045.0380.I	6,3	0,45	38,0	0,0030	222,1	0,589	stainless steel	4C
T.063.045.0450.A	6,3	0,45	45,0	0,0028	281,3	0,698	music wire	4C
T.063.045.0450.I	6,3	0,45	45,0	0,0024	277,3	0,589	stainless steel	4C
T.063.045.0500.A	6,3	0,45	50,0	0,0024	321,3	0,698	music wire	4C
T.063.045.0500.I	6,3	0,45	50,0	0,0021	316,8	0,589	stainless steel	4C
T.063.045.0570.A	6,3	0,45	57,0	0,0021	377,3	0,698	music wire	4C
T.063.045.0570.I	6,3	0,45	57,0	0,0018	371,9	0,589	stainless steel	4C
T.063.045.0640.A	6,3	0,45	64,0	0,0018	433,3	0,698	music wire	4C
T.063.045.0640.I	6,3	0,45	64,0	0,0015	427,1	0,589	stainless steel	4C
T.063.050.0182.A	6,3	0,50	18,2	0,0230	56,2	0,940	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.063.050.0182.I	6,3	0,50	18,2	0,0197	55,7	0,796	stainless steel	4C
T.063.050.0220.A	6,3	0,50	22,0	0,0150	80,4	0,940	music wire	4C
T.063.050.0220.I	6,3	0,50	22,0	0,0129	79,5	0,796	stainless steel	4C
T.063.050.0240.A	6,3	0,50	24,0	0,0126	93,1	0,940	music wire	4C
T.063.050.0240.I	6,3	0,50	24,0	0,0109	92,1	0,796	stainless steel	4C
T.063.050.0350.A	6,3	0,50	35,0	0,0068	163,0	0,940	music wire	4C
T.063.050.0350.I	6,3	0,50	35,0	0,0059	161,1	0,796	stainless steel	4C
T.063.050.0380.A	6,3	0,50	38,0	0,0061	182,1	0,940	music wire	4C
T.063.050.0380.I	6,3	0,50	38,0	0,0052	180,0	0,796	stainless steel	4C
T.063.050.0450.A	6,3	0,50	45,0	0,0048	226,5	0,940	music wire	4C
T.063.050.0450.I	6,3	0,50	45,0	0,0041	223,9	0,796	stainless steel	4C
T.063.050.0480.A	6,3	0,50	48,0	0,0044	245,6	0,940	music wire	4C
T.063.050.0480.I	6,3	0,50	48,0	0,0038	242,7	0,796	stainless steel	4C
T.063.050.0540.A	6,3	0,50	54,0	0,0038	283,7	0,940	music wire	4C
T.063.050.0540.I	6,3	0,50	54,0	0,0033	280,4	0,796	stainless steel	4C
T.063.050.0640.A	6,3	0,50	64,0	0,0031	347,3	0,940	music wire	4C
T.063.050.0640.I	6,3	0,50	64,0	0,0026	343,2	0,796	stainless steel	4C
T.063.055.0200.A	6,3	0,55	20,0	0,0298	57,9	1,230	music wire	4C
T.063.055.0200.I	6,3	0,55	20,0	0,0256	57,4	1,043	stainless steel	4C
T.063.055.0250.A	6,3	0,55	25,0	0,0192	83,9	1,230	music wire	4C
T.063.055.0250.I	6,3	0,55	25,0	0,0165	83,1	1,043	stainless steel	4C
T.063.055.0320.A	6,3	0,55	32,0	0,0128	120,2	1,230	music wire	4C
T.063.055.0320.I	6,3	0,55	32,0	0,0110	119,1	1,043	stainless steel	4C
T.063.055.0400.A	6,3	0,55	40,0	0,0093	161,7	1,230	music wire	4C
T.063.055.0400.I	6,3	0,55	40,0	0,0080	160,2	1,043	stainless steel	4C
T.063.055.0500.A	6,3	0,55	50,0	0,0069	213,6	1,230	music wire	4C
T.063.055.0500.I	6,3	0,55	50,0	0,0059	211,6	1,043	stainless steel	4C
T.063.055.0550.A	6,3	0,55	55,0	0,0061	239,6	1,230	music wire	4C
T.063.055.0550.I	6,3	0,55	55,0	0,0053	237,3	1,043	stainless steel	4C
T.063.055.0600.A	6,3	0,55	60,0	0,0055	265,5	1,230	music wire	4C
T.063.055.0600.I	6,3	0,55	60,0	0,0047	263,0	1,043	stainless steel	4C
T.063.055.0630.A	6,3	0,55	63,0	0,0052	281,1	1,230	music wire	4C
T.063.055.0630.I	6,3	0,55	63,0	0,0045	278,4	1,043	stainless steel	4C
T.063.055.0800.A	6,3	0,55	80,0	0,0039	369,3	1,230	music wire	4C
T.063.055.0800.I	6,3	0,55	80,0	0,0034	365,7	1,043	stainless steel	4C
T.063.055.3600.A	6,3	0,55	360,0	0,0008	1822,7	1,230	music wire	4E
T.063.055.3600.I	6,3	0,55	360,0	0,0007	1804,5	1,043	stainless steel	4E
T.063.056.0480.A	6,3	0,56	48,0	0,0080	196,3	1,293	music wire	4C
T.063.056.0480.I	6,3	0,56	48,0	0,0069	194,5	1,098	stainless steel	4C
T.063.060.0200.A	6,3	0,60	20,0	0,0465	50,7	1,570	music wire	4C
T.063.060.0200.I	6,3	0,60	20,0	0,0400	50,4	1,335	stainless steel	4C
T.063.060.0250.A	6,3	0,60	25,0	0,0301	72,4	1,570	music wire	4C
T.063.060.0250.I	6,3	0,60	25,0	0,0259	71,9	1,335	stainless steel	4C
T.063.060.0320.A	6,3	0,60	32,0	0,0202	102,8	1,570	music wire	4C
T.063.060.0320.I	6,3	0,60	32,0	0,0173	102,1	1,335	stainless steel	4C
T.063.060.0380.A	6,3	0,60	38,0	0,0157	128,9	1,570	music wire	4C
T.063.060.0380.I	6,3	0,60	38,0	0,0135	127,9	1,335	stainless steel	4C
T.063.060.0400.A	6,3	0,60	40,0	0,0146	137,5	1,570	music wire	4C
T.063.060.0400.I	6,3	0,60	40,0	0,0126	136,5	1,335	stainless steel	4C
T.063.060.0460.A	6,3	0,60	46,0	0,0122	163,6	1,570	music wire	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.063.060.0460.I	6,3	0,60	46,0	0,0104	162,3	1,335	stainless steel	4C
T.063.060.0500.A	6,3	0,60	50,0	0,0109	180,9	1,570	music wire	4C
T.063.060.0500.I	6,3	0,60	50,0	0,0094	179,6	1,335	stainless steel	4C
T.063.060.0620.A	6,3	0,60	62,0	0,0084	233,0	1,570	music wire	4C
T.063.060.0620.I	6,3	0,60	62,0	0,0072	231,2	1,335	stainless steel	4C
T.063.060.0630.A	6,3	0,60	63,0	0,0082	237,4	1,570	music wire	4C
T.063.060.0630.I	6,3	0,60	63,0	0,0070	235,5	1,335	stainless steel	4C
T.063.060.0800.A	6,3	0,60	80,0	0,0062	311,2	1,570	music wire	4C
T.063.060.0800.I	6,3	0,60	80,0	0,0053	308,7	1,335	stainless steel	4C
T.063.060.3600.A	6,3	0,60	360,0	0,0012	1526,5	1,570	music wire	4E
T.063.060.3600.I	6,3	0,60	360,0	0,0011	1514,2	1,335	stainless steel	4E
T.063.065.0210.A	6,3	0,65	21,0	0,0633	49,0	1,965	music wire	4C
T.063.065.0210.I	6,3	0,65	21,0	0,0544	48,7	1,673	stainless steel	4C
T.063.065.0220.A	6,3	0,65	22,0	0,0577	52,7	1,965	music wire	4C
T.063.065.0220.I	6,3	0,65	22,0	0,0496	52,4	1,673	stainless steel	4C
T.063.065.0250.A	6,3	0,65	25,0	0,0457	63,8	1,965	music wire	4C
T.063.065.0250.I	6,3	0,65	25,0	0,0392	63,5	1,673	stainless steel	4C
T.063.065.0408.A	6,3	0,65	40,8	0,0217	122,3	1,965	music wire	4C
T.063.065.0408.I	6,3	0,65	40,8	0,0187	121,6	1,673	stainless steel	4C
T.063.065.0534.A	6,3	0,65	53,4	0,0153	169,0	1,965	music wire	4C
T.063.065.0534.I	6,3	0,65	53,4	0,0132	168,0	1,673	stainless steel	4C
T.063.065.0672.A	6,3	0,65	67,2	0,0116	220,1	1,965	music wire	4C
T.063.065.0672.I	6,3	0,65	67,2	0,0100	218,8	1,673	stainless steel	4C
T.063.065.0786.A	6,3	0,65	78,6	0,0096	262,4	1,965	music wire	4C
T.063.065.0786.I	6,3	0,65	78,6	0,0083	260,8	1,673	stainless steel	4C
T.063.070.0200.A	6,3	0,70	20,0	0,1026	41,1	2,418	music wire	4C
T.063.070.0200.I	6,3	0,70	20,0	0,0881	40,9	2,062	stainless steel	4C
T.063.070.0250.A	6,3	0,70	25,0	0,0672	57,2	2,418	music wire	4C
T.063.070.0250.I	6,3	0,70	25,0	0,0578	56,9	2,062	stainless steel	4C
T.063.070.0320.A	6,3	0,70	32,0	0,0453	79,7	2,418	music wire	4C
T.063.070.0320.I	6,3	0,70	32,0	0,0389	79,4	2,062	stainless steel	4C
T.063.070.0360.A	6,3	0,70	36,0	0,0382	92,6	2,418	music wire	4C
T.063.070.0360.I	6,3	0,70	36,0	0,0328	92,2	2,062	stainless steel	4C
T.063.070.0400.A	6,3	0,70	40,0	0,0331	105,4	2,418	music wire	4C
T.063.070.0400.I	6,3	0,70	40,0	0,0284	105,0	2,062	stainless steel	4C
T.063.070.0450.A	6,3	0,70	45,0	0,0283	121,5	2,418	music wire	4C
T.063.070.0450.I	6,3	0,70	45,0	0,0243	121,0	2,062	stainless steel	4C
T.063.070.0500.A	6,3	0,70	50,0	0,0247	137,6	2,418	music wire	4C
T.063.070.0500.I	6,3	0,70	50,0	0,0212	137,0	2,062	stainless steel	4C
T.063.070.0620.A	6,3	0,70	62,0	0,0189	176,2	2,418	music wire	4C
T.063.070.0620.I	6,3	0,70	62,0	0,0163	175,4	2,062	stainless steel	4C
T.063.070.0630.A	6,3	0,70	63,0	0,0186	179,5	2,418	music wire	4C
T.063.070.0630.I	6,3	0,70	63,0	0,0160	178,6	2,062	stainless steel	4C
T.063.070.0760.A	6,3	0,70	76,0	0,0149	221,3	2,418	music wire	4C
T.063.070.0760.I	6,3	0,70	76,0	0,0128	220,3	2,062	stainless steel	4C
T.063.070.0800.A	6,3	0,70	80,0	0,0140	234,2	2,418	music wire	4C
T.063.070.0800.I	6,3	0,70	80,0	0,0120	233,1	2,062	stainless steel	4C
T.063.070.1000.A	6,3	0,70	100,0	0,0109	298,5	2,418	music wire	4C
T.063.070.1000.I	6,3	0,70	100,0	0,0094	297,1	2,062	stainless steel	4D
T.063.070.1520.A	6,3	0,70	152,0	0,0069	465,9	2,418	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.063.070.1520.I	6,3	0,70	152,0	0,0059	463,7	2,062	stainless steel	4D
T.063.070.3600.A	6,3	0,70	360,0	0,0028	1135,2	2,418	music wire	4E
T.063.070.3600.I	6,3	0,70	360,0	0,0024	1129,8	2,062	stainless steel	4E
T.063.075.0198.A	6,3	0,75	19,8	0,1496	37,2	2,930	music wire	4C
T.063.075.0198.I	6,3	0,75	19,8	0,1285	37,1	2,503	stainless steel	4C
T.063.075.0200.A	6,3	0,75	20,0	0,1465	37,8	2,930	music wire	4C
T.063.075.0200.I	6,3	0,75	20,0	0,1259	37,7	2,503	stainless steel	4C
T.063.075.0400.A	6,3	0,75	40,0	0,0477	94,5	2,930	music wire	4C
T.063.075.0400.I	6,3	0,75	40,0	0,0410	94,3	2,503	stainless steel	4C
T.063.075.0450.A	6,3	0,75	45,0	0,0408	108,7	2,930	music wire	4C
T.063.075.0450.I	6,3	0,75	45,0	0,0351	108,4	2,503	stainless steel	4C
T.063.080.0200.A	6,3	0,80	20,0	0,2047	35,1	3,506	music wire	4C
T.063.080.0200.I	6,3	0,80	20,0	0,1759	35,0	3,000	stainless steel	4C
T.063.080.0250.A	6,3	0,80	25,0	0,1356	47,8	3,506	music wire	4C
T.063.080.0250.I	6,3	0,80	25,0	0,1164	47,7	3,000	stainless steel	4C
T.063.080.0280.A	6,3	0,80	28,0	0,1127	55,4	3,506	music wire	4C
T.063.080.0280.I	6,3	0,80	28,0	0,0968	55,3	3,000	stainless steel	4C
T.063.080.0320.A	6,3	0,80	32,0	0,0920	65,6	3,506	music wire	4C
T.063.080.0320.I	6,3	0,80	32,0	0,0791	65,4	3,000	stainless steel	4C
T.063.080.0390.A	6,3	0,80	39,0	0,0697	83,4	3,506	music wire	4C
T.063.080.0390.I	6,3	0,80	39,0	0,0600	83,2	3,000	stainless steel	4C
T.063.080.0400.A	6,3	0,80	40,0	0,0673	85,9	3,506	music wire	4C
T.063.080.0400.I	6,3	0,80	40,0	0,0578	85,7	3,000	stainless steel	4C
T.063.080.0410.A	6,3	0,80	41,0	0,0651	88,4	3,506	music wire	4C
T.063.080.0410.I	6,3	0,80	41,0	0,0560	88,3	3,000	stainless steel	4C
T.063.080.0420.A	6,3	0,80	42,0	0,0631	91,0	3,506	music wire	4C
T.063.080.0420.I	6,3	0,80	42,0	0,0542	90,8	3,000	stainless steel	4C
T.063.080.0500.A	6,3	0,80	50,0	0,0504	111,3	3,506	music wire	4C
T.063.080.0500.I	6,3	0,80	50,0	0,0433	111,1	3,000	stainless steel	4C
T.063.080.0630.A	6,3	0,80	63,0	0,0380	144,3	3,506	music wire	4C
T.063.080.0630.I	6,3	0,80	63,0	0,0326	144,0	3,000	stainless steel	4C
T.063.080.0800.A	6,3	0,80	80,0	0,0287	187,5	3,506	music wire	4C
T.063.080.0800.I	6,3	0,80	80,0	0,0247	187,1	3,000	stainless steel	4D
T.063.080.0830.A	6,3	0,80	83,0	0,0276	195,1	3,506	music wire	4C
T.063.080.0830.I	6,3	0,80	83,0	0,0237	194,7	3,000	stainless steel	4D
T.063.080.0850.A	6,3	0,80	85,0	0,0268	200,2	3,506	music wire	4C
T.063.080.0850.I	6,3	0,80	85,0	0,0230	199,8	3,000	stainless steel	4D
T.063.080.1520.A	6,3	0,80	152,0	0,0142	370,4	3,506	music wire	4D
T.063.080.1520.I	6,3	0,80	152,0	0,0122	369,6	3,000	stainless steel	4D
T.063.080.2030.A	6,3	0,80	203,0	0,0104	499,9	3,506	music wire	4D
T.063.080.2030.I	6,3	0,80	203,0	0,0089	498,8	3,000	stainless steel	4D
T.063.080.3600.A	6,3	0,80	360,0	0,0057	898,7	3,506	music wire	4E
T.063.080.3600.I	6,3	0,80	360,0	0,0049	896,7	3,000	stainless steel	4E
T.063.085.0190.A	6,3	0,85	19,0	0,3120	30,6	4,147	music wire	4C
T.063.085.0190.I	6,3	0,85	19,0	0,2680	30,6	3,553	stainless steel	4C
T.063.085.0540.A	6,3	0,85	54,0	0,0635	111,1	4,147	music wire	4C
T.063.085.0540.I	6,3	0,85	54,0	0,0546	111,0	3,553	stainless steel	4C
T.063.085.0600.A	6,3	0,85	60,0	0,0559	124,9	4,147	music wire	4C
T.063.085.0600.I	6,3	0,85	60,0	0,0480	124,8	3,553	stainless steel	4C
T.063.085.1240.A	6,3	0,85	124,0	0,0245	272,2	4,147	music wire	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.063.085.1240.I	6,3	0,85	124,0	0,0210	271,8	3,553	stainless steel	4D
T.063.085.1520.A	6,3	0,85	152,0	0,0197	336,6	4,147	music wire	4D
T.063.085.1520.I	6,3	0,85	152,0	0,0169	336,1	3,553	stainless steel	4D
T.063.085.2670.A	6,3	0,85	267,0	0,0109	601,1	4,147	music wire	4D
T.063.085.2670.I	6,3	0,85	267,0	0,0093	600,3	3,553	stainless steel	4E
T.063.090.0171.A	6,3	0,90	17,1	0,5306	25,1	4,855	music wire	4E
T.063.090.0171.I	6,3	0,90	17,1	0,4557	25,1	4,166	stainless steel	4E
T.063.090.0200.A	6,3	0,90	20,0	0,3782	31,2	4,855	music wire	4E
T.063.090.0200.I	6,3	0,90	20,0	0,3249	31,2	4,166	stainless steel	4E
T.063.090.0225.A	6,3	0,90	22,5	0,3032	36,4	4,855	music wire	4E
T.063.090.0225.I	6,3	0,90	22,5	0,2604	36,4	4,166	stainless steel	4E
T.063.090.0250.A	6,3	0,90	25,0	0,2530	41,7	4,855	music wire	4E
T.063.090.0250.I	6,3	0,90	25,0	0,2173	41,7	4,166	stainless steel	4E
T.063.090.0306.A	6,3	0,90	30,6	0,1846	53,5	4,855	music wire	4E
T.063.090.0306.I	6,3	0,90	30,6	0,1585	53,5	4,166	stainless steel	4E
T.063.090.0320.A	6,3	0,90	32,0	0,1729	56,4	4,855	music wire	4E
T.063.090.0320.I	6,3	0,90	32,0	0,1485	56,4	4,166	stainless steel	4E
T.063.090.0320.N	6,3	0,90	32,0	0,1729	56,4	4,855	Zn coating	4G
T.063.090.0400.A	6,3	0,90	40,0	0,1269	73,3	4,855	music wire	4E
T.063.090.0400.I	6,3	0,90	40,0	0,1090	73,2	4,166	stainless steel	4E
T.063.090.0410.A	6,3	0,90	41,0	0,1228	75,4	4,855	music wire	4E
T.063.090.0410.I	6,3	0,90	41,0	0,1055	75,4	4,166	stainless steel	4E
T.063.090.0441.A	6,3	0,90	44,1	0,1117	81,9	4,855	music wire	4E
T.063.090.0441.I	6,3	0,90	44,1	0,0959	81,9	4,166	stainless steel	4E
T.063.090.0480.A	6,3	0,90	48,0	0,1000	90,1	4,855	music wire	4E
T.063.090.0480.I	6,3	0,90	48,0	0,0861	90,1	4,166	stainless steel	4E
T.063.090.0500.A	6,3	0,90	50,0	0,0953	94,3	4,855	music wire	4E
T.063.090.0500.I	6,3	0,90	50,0	0,0818	94,3	4,166	stainless steel	4E
T.063.090.0621.A	6,3	0,90	62,1	0,0732	119,8	4,855	music wire	4E
T.063.090.0621.I	6,3	0,90	62,1	0,0629	119,8	4,166	stainless steel	4E
T.063.090.0630.A	6,3	0,90	63,0	0,0719	121,7	4,855	music wire	4E
T.063.090.0630.I	6,3	0,90	63,0	0,0618	121,7	4,166	stainless steel	4E
T.063.090.0800.A	6,3	0,90	80,0	0,0545	157,5	4,855	music wire	4E
T.063.090.0800.I	6,3	0,90	80,0	0,0468	157,4	4,166	stainless steel	4E
T.063.090.3600.A	6,3	0,90	360,0	0,0109	747,1	4,855	music wire	4F
T.063.090.3600.I	6,3	0,90	360,0	0,0094	746,7	4,166	stainless steel	4G
T.063.100.0190.A	6,3	1,00	19,0	0,7280	26,7	6,481	music wire	4E
T.063.100.0190.I	6,3	1,00	19,0	0,6252	26,7	5,577	stainless steel	4E
T.063.100.0200.A	6,3	1,00	20,0	0,6580	28,5	6,481	music wire	4E
T.063.100.0200.I	6,3	1,00	20,0	0,5651	28,5	5,577	stainless steel	4E
T.063.100.0250.A	6,3	1,00	25,0	0,4443	37,5	6,481	music wire	4E
T.063.100.0250.I	6,3	1,00	25,0	0,3816	37,6	5,577	stainless steel	4E
T.063.100.0260.A	6,3	1,00	26,0	0,4173	39,3	6,481	music wire	4E
T.063.100.0260.I	6,3	1,00	26,0	0,3584	39,4	5,577	stainless steel	4E
T.063.100.0320.A	6,3	1,00	32,0	0,3055	50,2	6,481	music wire	4E
T.063.100.0320.I	6,3	1,00	32,0	0,2624	50,3	5,577	stainless steel	4E
T.063.100.0400.A	6,3	1,00	40,0	0,2251	64,7	6,481	music wire	4E
T.063.100.0400.I	6,3	1,00	40,0	0,1933	64,8	5,577	stainless steel	4E
T.063.100.0410.A	6,3	1,00	41,0	0,2179	66,6	6,481	music wire	4E
T.063.100.0410.I	6,3	1,00	41,0	0,1872	66,6	5,577	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.063.100.0500.A	6,3	1,00	50,0	0,1694	82,9	6,481	music wire	4E
T.063.100.0500.I	6,3	1,00	50,0	0,1455	82,9	5,577	stainless steel	4E
T.063.100.0600.A	6,3	1,00	60,0	0,1358	101,0	6,481	music wire	4E
T.063.100.0600.I	6,3	1,00	60,0	0,1166	101,1	5,577	stainless steel	4E
T.063.100.0630.A	6,3	1,00	63,0	0,1281	106,5	6,481	music wire	4E
T.063.100.0630.I	6,3	1,00	63,0	0,1100	106,6	5,577	stainless steel	4E
T.063.100.0800.A	6,3	1,00	80,0	0,0972	137,3	6,481	music wire	4E
T.063.100.0800.I	6,3	1,00	80,0	0,0835	137,4	5,577	stainless steel	4E
T.063.100.0830.A	6,3	1,00	83,0	0,0932	142,7	6,481	music wire	4E
T.063.100.0830.I	6,3	1,00	83,0	0,0800	142,9	5,577	stainless steel	4E
T.063.100.2030.A	6,3	1,00	203,0	0,0354	360,4	6,481	music wire	4E
T.063.100.2030.I	6,3	1,00	203,0	0,0304	360,7	5,577	stainless steel	4F
T.063.100.3600.A	6,3	1,00	360,0	0,0195	645,2	6,481	music wire	4G
T.063.100.3600.I	6,3	1,00	360,0	0,0168	645,8	5,577	stainless steel	4G
T.064.040.0167.A	6,4	0,40	16,7	0,0095	66,6	0,492	music wire	4C
T.064.040.0167.I	6,4	0,40	16,7	0,0081	65,6	0,415	stainless steel	4C
T.064.040.0350.A	6,4	0,40	35,0	0,0021	263,7	0,492	music wire	4C
T.064.040.0350.I	6,4	0,40	35,0	0,0018	259,4	0,415	stainless steel	4C
T.064.040.0480.A	6,4	0,40	48,0	0,0013	403,8	0,492	music wire	4C
T.064.040.0480.I	6,4	0,40	48,0	0,0011	397,0	0,415	stainless steel	4C
T.064.045.0151.A	6,4	0,45	15,1	0,0245	41,4	0,683	music wire	4C
T.064.045.0151.I	6,4	0,45	15,1	0,0210	40,0	0,557	stainless steel	4C
T.064.045.0157.A	6,4	0,45	15,7	0,0211	46,3	0,683	music wire	4C
T.064.045.0157.I	6,4	0,45	15,7	0,0181	44,7	0,557	stainless steel	4C
T.064.045.0220.A	6,4	0,45	22,0	0,0085	98,1	0,683	music wire	4C
T.064.045.0220.I	6,4	0,45	22,0	0,0073	94,1	0,557	stainless steel	4C
T.064.045.0221.A	6,4	0,45	22,1	0,0084	99,1	0,683	music wire	4C
T.064.045.0221.I	6,4	0,45	22,1	0,0072	95,1	0,557	stainless steel	4C
T.064.045.0284.A	6,4	0,45	28,4	0,0053	150,9	0,683	music wire	4C
T.064.045.0284.I	6,4	0,45	28,4	0,0045	144,5	0,557	stainless steel	4C
T.064.045.0348.A	6,4	0,45	34,8	0,0038	203,5	0,683	music wire	4C
T.064.045.0348.I	6,4	0,45	34,8	0,0033	194,7	0,557	stainless steel	4C
T.064.045.0380.A	6,4	0,45	38,0	0,0034	231,0	0,687	music wire	4C
T.064.045.0380.I	6,4	0,45	38,0	0,0029	227,8	0,580	stainless steel	4C
T.064.045.0410.A	6,4	0,45	41,0	0,0030	254,6	0,683	music wire	4C
T.064.045.0410.I	6,4	0,45	41,0	0,0026	243,4	0,557	stainless steel	4C
T.064.045.0444.A	6,4	0,45	44,4	0,0027	282,3	0,683	music wire	4C
T.064.045.0444.I	6,4	0,45	44,4	0,0023	269,9	0,557	stainless steel	4C
T.064.045.0480.A	6,4	0,45	48,0	0,0024	311,9	0,683	music wire	4C
T.064.045.0480.I	6,4	0,45	48,0	0,0021	298,1	0,557	stainless steel	4C
T.064.045.0572.A	6,4	0,45	57,2	0,0020	387,8	0,683	music wire	4C
T.064.045.0572.I	6,4	0,45	57,2	0,0017	370,5	0,557	stainless steel	4C
T.064.045.0630.A	6,4	0,45	63,0	0,0017	435,5	0,683	music wire	4C
T.064.045.0630.I	6,4	0,45	63,0	0,0015	416,0	0,557	stainless steel	4C
T.064.045.1650.A	6,4	0,45	165,0	0,0006	1274,1	0,683	music wire	4C
T.064.045.1650.I	6,4	0,45	165,0	0,0005	1216,0	0,557	stainless steel	4D
T.064.055.0157.A	6,4	0,55	15,7	0,0561	35,5	1,205	music wire	4C
T.064.055.0157.I	6,4	0,55	15,7	0,0482	34,5	0,986	stainless steel	4C
T.064.055.0182.A	6,4	0,55	18,2	0,0363	48,9	1,211	music wire	4C
T.064.055.0182.I	6,4	0,55	18,2	0,0312	48,5	1,027	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.064.055.0260.A	6,4	0,55	26,0	0,0172	90,7	1,211	music wire	4C
T.064.055.0260.I	6,4	0,55	26,0	0,0148	89,9	1,027	stainless steel	4C
T.064.056.0151.A	6,4	0,56	15,1	0,0708	31,5	1,268	music wire	4C
T.064.056.0151.I	6,4	0,56	15,1	0,0609	30,7	1,038	stainless steel	4C
T.064.056.0159.A	6,4	0,56	15,9	0,0592	35,6	1,268	music wire	4C
T.064.056.0159.I	6,4	0,56	15,9	0,0508	34,6	1,038	stainless steel	4C
T.064.056.0174.A	6,4	0,56	17,4	0,0449	43,5	1,274	music wire	4C
T.064.056.0174.I	6,4	0,56	17,4	0,0385	43,2	1,081	stainless steel	4C
T.064.056.0191.A	6,4	0,56	19,1	0,0354	52,0	1,268	music wire	4C
T.064.056.0191.I	6,4	0,56	19,1	0,0304	50,3	1,038	stainless steel	4C
T.064.056.0250.A	6,4	0,56	25,0	0,0203	82,7	1,274	music wire	4C
T.064.056.0250.I	6,4	0,56	25,0	0,0174	82,0	1,081	stainless steel	4C
T.064.056.0450.A	6,4	0,56	45,0	0,0083	185,8	1,274	music wire	4C
T.064.056.0450.I	6,4	0,56	45,0	0,0071	184,1	1,081	stainless steel	4C
T.064.056.0500.A	6,4	0,56	50,0	0,0072	211,6	1,274	music wire	4C
T.064.056.0500.I	6,4	0,56	50,0	0,0062	209,6	1,081	stainless steel	4C
T.064.056.0570.A	6,4	0,56	57,0	0,0061	247,7	1,274	music wire	4C
T.064.056.0570.I	6,4	0,56	57,0	0,0053	245,4	1,081	stainless steel	4C
T.064.065.0159.A	6,4	0,65	15,9	0,1226	30,1	1,929	music wire	4C
T.064.065.0159.I	6,4	0,65	15,9	0,1053	29,4	1,583	stainless steel	4C
T.064.065.0174.A	6,4	0,65	17,4	0,0949	35,8	1,936	music wire	4C
T.064.065.0174.I	6,4	0,65	17,4	0,0815	35,7	1,649	stainless steel	4C
T.064.065.0240.A	6,4	0,65	24,0	0,0473	61,0	1,936	music wire	4C
T.064.065.0240.I	6,4	0,65	24,0	0,0406	60,7	1,649	stainless steel	4C
T.064.065.0250.A	6,4	0,65	25,0	0,0439	64,8	1,936	music wire	4C
T.064.065.0250.I	6,4	0,65	25,0	0,0377	64,5	1,649	stainless steel	4C
T.064.065.0260.A	6,4	0,65	26,0	0,0410	68,6	1,936	music wire	4C
T.064.065.0260.I	6,4	0,65	26,0	0,0353	68,2	1,649	stainless steel	4C
T.064.065.0280.A	6,4	0,65	28,0	0,0363	76,2	1,936	music wire	4C
T.064.065.0280.I	6,4	0,65	28,0	0,0311	75,8	1,649	stainless steel	4C
T.064.065.0480.A	6,4	0,65	48,0	0,0167	152,5	1,936	music wire	4C
T.064.065.0480.I	6,4	0,65	48,0	0,0144	151,6	1,649	stainless steel	4C
T.064.065.0570.A	6,4	0,65	57,0	0,0135	186,8	1,936	music wire	4C
T.064.065.0570.I	6,4	0,65	57,0	0,0116	185,7	1,649	stainless steel	4C
T.064.065.0830.A	6,4	0,65	83,0	0,0086	286,0	1,936	music wire	4C
T.064.065.0830.I	6,4	0,65	83,0	0,0074	284,2	1,649	stainless steel	4C
T.064.070.0410.A	6,4	0,70	41,0	0,0305	111,0	2,382	music wire	4C
T.064.070.0410.I	6,4	0,70	41,0	0,0262	110,5	2,032	stainless steel	4C
T.064.070.0550.A	6,4	0,70	55,0	0,0209	157,3	2,382	music wire	4C
T.064.070.0550.I	6,4	0,70	55,0	0,0179	156,6	2,032	stainless steel	4C
T.064.075.0157.A	6,4	0,75	15,7	0,2590	25,6	2,880	music wire	4C
T.064.075.0157.I	6,4	0,75	15,7	0,2225	25,1	2,368	stainless steel	4C
T.064.075.0159.A	6,4	0,75	15,9	0,2517	26,1	2,880	music wire	4C
T.064.075.0159.I	6,4	0,75	15,9	0,2162	25,6	2,368	stainless steel	4C
T.064.075.0174.A	6,4	0,75	17,4	0,1957	30,5	2,888	music wire	4C
T.064.075.0174.I	6,4	0,75	17,4	0,1681	30,5	2,467	stainless steel	4C
T.064.075.0190.A	6,4	0,75	19,0	0,1586	35,2	2,888	music wire	4C
T.064.075.0190.I	6,4	0,75	19,0	0,1362	35,1	2,467	stainless steel	4C
T.064.075.0220.A	6,4	0,75	22,0	0,1171	43,9	2,888	music wire	4C
T.064.075.0220.I	6,4	0,75	22,0	0,1005	43,8	2,467	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.064.075.0250.A	6,4	0,75	25,0	0,0928	52,7	2,888	music wire	4C
T.064.075.0250.I	6,4	0,75	25,0	0,0797	52,5	2,467	stainless steel	4C
T.064.075.0290.A	6,4	0,75	29,0	0,0726	64,3	2,888	music wire	4C
T.064.075.0290.I	6,4	0,75	29,0	0,0624	64,2	2,467	stainless steel	4C
T.064.075.0320.A	6,4	0,75	32,0	0,0625	73,1	2,888	music wire	4C
T.064.075.0320.I	6,4	0,75	32,0	0,0537	72,9	2,467	stainless steel	4C
T.064.075.0350.A	6,4	0,75	35,0	0,0548	81,8	2,888	music wire	4C
T.064.075.0350.I	6,4	0,75	35,0	0,0471	81,6	2,467	stainless steel	4C
T.064.075.0380.A	6,4	0,75	38,0	0,0488	90,6	2,888	music wire	4C
T.064.075.0380.I	6,4	0,75	38,0	0,0419	90,3	2,467	stainless steel	4C
T.064.075.0450.A	6,4	0,75	45,0	0,0389	111,0	2,888	music wire	4C
T.064.075.0450.I	6,4	0,75	45,0	0,0334	110,6	2,467	stainless steel	4C
T.064.075.0500.A	6,4	0,75	50,0	0,0340	125,6	2,888	music wire	4C
T.064.075.0500.I	6,4	0,75	50,0	0,0292	125,2	2,467	stainless steel	4C
T.064.075.0550.A	6,4	0,75	55,0	0,0302	140,2	2,888	music wire	4C
T.064.075.0550.I	6,4	0,75	55,0	0,0259	139,7	2,467	stainless steel	4C
T.064.075.0570.A	6,4	0,75	57,0	0,0289	146,0	2,888	music wire	4C
T.064.075.0570.I	6,4	0,75	57,0	0,0248	145,5	2,467	stainless steel	4C
T.064.075.0600.A	6,4	0,75	60,0	0,0271	154,7	2,888	music wire	4C
T.064.075.0600.I	6,4	0,75	60,0	0,0233	154,2	2,467	stainless steel	4C
T.064.075.0640.A	6,4	0,75	64,0	0,0251	166,4	2,888	music wire	4C
T.064.075.0640.I	6,4	0,75	64,0	0,0215	165,8	2,467	stainless steel	4C
T.064.075.0700.A	6,4	0,75	70,0	0,0225	183,9	2,888	music wire	4C
T.064.075.0700.I	6,4	0,75	70,0	0,0194	183,3	2,467	stainless steel	4C
T.064.075.0760.A	6,4	0,75	76,0	0,0205	201,4	2,888	music wire	4C
T.064.075.0760.I	6,4	0,75	76,0	0,0176	200,7	2,467	stainless steel	4C
T.064.080.0220.A	6,4	0,80	22,0	0,1639	40,6	3,455	music wire	4C
T.064.080.0220.I	6,4	0,80	22,0	0,1407	40,5	2,956	stainless steel	4C
T.064.080.0320.A	6,4	0,80	32,0	0,0880	66,7	3,455	music wire	4C
T.064.080.0320.I	6,4	0,80	32,0	0,0756	66,5	2,956	stainless steel	4C
T.064.080.0364.A	6,4	0,80	36,4	0,0731	78,1	3,455	music wire	4C
T.064.080.0364.I	6,4	0,80	36,4	0,0628	78,0	2,956	stainless steel	4C
T.064.080.0492.A	6,4	0,80	49,2	0,0490	111,5	3,455	music wire	4C
T.064.080.0492.I	6,4	0,80	49,2	0,0421	111,2	2,956	stainless steel	4C
T.064.080.0540.A	6,4	0,80	54,0	0,0436	124,0	3,455	music wire	4C
T.064.080.0540.I	6,4	0,80	54,0	0,0374	123,7	2,956	stainless steel	4C
T.064.080.0570.A	6,4	0,80	57,0	0,0408	131,8	3,455	music wire	4C
T.064.080.0570.I	6,4	0,80	57,0	0,0350	131,5	2,956	stainless steel	4C
T.064.080.0620.A	6,4	0,80	62,0	0,0368	144,8	3,455	music wire	4C
T.064.080.0620.I	6,4	0,80	62,0	0,0316	144,5	2,956	stainless steel	4C
T.064.080.0640.A	6,4	0,80	64,0	0,0355	150,0	3,455	music wire	4C
T.064.080.0640.I	6,4	0,80	64,0	0,0305	149,7	2,956	stainless steel	4C
T.064.080.0748.A	6,4	0,80	74,8	0,0295	178,2	3,455	music wire	4C
T.064.080.0748.I	6,4	0,80	74,8	0,0254	177,8	2,956	stainless steel	4C
T.064.085.0157.A	6,4	0,85	15,7	0,4861	23,1	4,081	music wire	4C
T.064.085.0157.I	6,4	0,85	15,7	0,4175	22,7	3,362	stainless steel	4C
T.064.085.0159.A	6,4	0,85	15,9	0,4713	23,5	4,081	music wire	4C
T.064.085.0159.I	6,4	0,85	15,9	0,4048	23,1	3,362	stainless steel	4C
T.064.090.0480.A	6,4	0,90	48,0	0,0954	91,7	4,785	music wire	4E
T.064.090.0480.I	6,4	0,90	48,0	0,0819	91,7	4,107	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.064.090.0910.A	6,4	0,90	91,0	0,0447	184,3	4,785	music wire	4E
T.064.090.0910.I	6,4	0,90	91,0	0,0384	184,2	4,107	stainless steel	4E
T.064.090.3050.A	6,4	0,90	305,0	0,0123	645,2	4,785	music wire	4F
T.064.090.3050.I	6,4	0,90	305,0	0,0105	644,9	4,107	stainless steel	4G
T.064.100.0290.A	6,4	1,00	29,0	0,3370	45,3	6,391	music wire	4E
T.064.100.0290.I	6,4	1,00	29,0	0,2894	45,4	5,499	stainless steel	4E
T.064.100.0360.A	6,4	1,00	36,0	0,2469	58,3	6,391	music wire	4E
T.064.100.0360.I	6,4	1,00	36,0	0,2121	58,3	5,499	stainless steel	4E
T.064.100.0500.A	6,4	1,00	50,0	0,1609	84,2	6,391	music wire	4E
T.064.100.0500.I	6,4	1,00	50,0	0,1382	84,3	5,499	stainless steel	4E
T.064.110.0480.A	6,4	1,10	48,0	0,2862	72,6	8,284	music wire	4E
T.064.110.0480.I	6,4	1,10	48,0	0,2459	72,7	7,146	stainless steel	4F
T.064.120.0680.A	6,4	1,20	68,0	0,3066	96,7	10,473	music wire	4F
T.064.120.0680.I	6,4	1,20	68,0	0,2633	96,9	9,057	stainless steel	4F
T.064.120.0700.A	6,4	1,20	70,0	0,2965	99,7	10,473	music wire	4F
T.064.120.0700.I	6,4	1,20	70,0	0,2547	99,9	9,057	stainless steel	4F
T.064.120.0830.A	6,4	1,20	83,0	0,2443	119,1	10,473	music wire	4F
T.064.120.0830.I	6,4	1,20	83,0	0,2100	119,3	9,057	stainless steel	4F
T.064.140.1800.A	6,4	1,40	180,0	0,2557	230,7	15,758	music wire	4H
T.064.140.1800.I	6,4	1,40	180,0	0,2196	231,2	13,687	stainless steel	4I
T.064.150.1810.A	6,4	1,50	181,0	0,3808	221,2	18,846	music wire	4I
T.064.150.1810.I	6,4	1,50	181,0	0,3270	221,7	16,403	stainless steel	4I
T.065.050.0173.A	6,5	0,50	17,3	0,0254	50,6	0,907	music wire	4C
T.065.050.0173.I	6,5	0,50	17,3	0,0218	48,9	0,741	stainless steel	4C
T.065.050.0191.A	6,5	0,50	19,1	0,0194	62,7	0,907	music wire	4C
T.065.050.0191.I	6,5	0,50	19,1	0,0167	60,5	0,741	stainless steel	4C
T.065.050.0210.A	6,5	0,50	21,0	0,0155	75,5	0,907	music wire	4C
T.065.050.0210.I	6,5	0,50	21,0	0,0133	72,7	0,741	stainless steel	4C
T.065.050.0224.A	6,5	0,50	22,4	0,0135	85,0	0,907	music wire	4C
T.065.050.0224.I	6,5	0,50	22,4	0,0116	81,8	0,741	stainless steel	4C
T.065.050.0237.A	6,5	0,50	23,7	0,0121	93,7	0,907	music wire	4C
T.065.050.0237.I	6,5	0,50	23,7	0,0104	90,1	0,741	stainless steel	4C
T.065.050.0248.A	6,5	0,50	24,8	0,0111	101,2	0,907	music wire	4C
T.065.050.0248.I	6,5	0,50	24,8	0,0095	97,2	0,741	stainless steel	4C
T.065.050.0254.A	6,5	0,50	25,4	0,0106	105,2	0,907	music wire	4C
T.065.050.0254.I	6,5	0,50	25,4	0,0091	101,1	0,741	stainless steel	4C
T.065.050.0318.A	6,5	0,50	31,8	0,0073	148,4	0,907	music wire	4C
T.065.050.0318.I	6,5	0,50	31,8	0,0062	142,4	0,741	stainless steel	4C
T.065.050.0381.A	6,5	0,50	38,1	0,0055	190,8	0,907	music wire	4C
T.065.050.0381.I	6,5	0,50	38,1	0,0048	183,0	0,741	stainless steel	4C
T.065.050.0435.A	6,5	0,50	43,5	0,0046	227,2	0,907	music wire	4C
T.065.050.0435.I	6,5	0,50	43,5	0,0040	217,8	0,741	stainless steel	4C
T.065.050.0438.A	6,5	0,50	43,8	0,0046	229,3	0,907	music wire	4C
T.065.050.0438.I	6,5	0,50	43,8	0,0039	219,7	0,741	stainless steel	4C
T.065.050.0508.A	6,5	0,50	50,8	0,0038	276,5	0,907	music wire	4C
T.065.050.0508.I	6,5	0,50	50,8	0,0032	264,8	0,741	stainless steel	4C
T.065.050.0572.A	6,5	0,50	57,2	0,0032	319,6	0,907	music wire	4C
T.065.050.0572.I	6,5	0,50	57,2	0,0028	306,1	0,741	stainless steel	4C
T.065.050.0850.A	6,5	0,50	85,0	0,0020	507,0	0,907	music wire	4C
T.065.050.0850.I	6,5	0,50	85,0	0,0017	485,3	0,741	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.065.050.1020.A	6,5	0,50	102,0	0,0016	621,6	0,907	music wire	4C
T.065.050.1020.I	6,5	0,50	102,0	0,0014	594,9	0,741	stainless steel	4C
T.065.050.1520.A	6,5	0,50	152,0	0,0010	958,7	0,907	music wire	4C
T.065.050.1520.I	6,5	0,50	152,0	0,0009	917,2	0,741	stainless steel	4D
T.065.050.2900.A	6,5	0,50	290,0	0,0005	1889,1	0,907	music wire	4D
T.065.050.2900.I	6,5	0,50	290,0	0,0005	1806,8	0,741	stainless steel	4E
T.065.050.3050.A	6,5	0,50	305,0	0,0005	1990,2	0,907	music wire	4D
T.065.050.3050.I	6,5	0,50	305,0	0,0004	1903,5	0,741	stainless steel	4E
T.065.056.0220.A	6,5	0,56	22,0	0,0250	67,9	1,249	music wire	4C
T.065.056.0220.I	6,5	0,56	22,0	0,0215	65,6	1,022	stainless steel	4C
T.065.056.0380.A	6,5	0,56	38,0	0,0100	152,5	1,249	music wire	4C
T.065.056.0380.I	6,5	0,56	38,0	0,0086	146,7	1,022	stainless steel	4C
T.065.065.0254.A	6,5	0,65	25,4	0,0411	67,3	1,901	music wire	4C
T.065.065.0254.I	6,5	0,65	25,4	0,0353	65,2	1,559	stainless steel	4C
T.065.065.0380.A	6,5	0,65	38,0	0,0219	116,6	1,901	music wire	4C
T.065.065.0380.I	6,5	0,65	38,0	0,0188	112,7	1,559	stainless steel	4C
T.066.050.0159.A	6,6	0,50	15,9	0,0334	40,9	0,893	music wire	4C
T.066.050.0159.I	6,6	0,50	15,9	0,0287	39,6	0,730	stainless steel	4C
T.067.056.0200.A	6,7	0,56	20,0	0,0292	58,3	1,213	music wire	4C
T.067.056.0200.I	6,7	0,56	20,0	0,0251	56,4	0,993	stainless steel	4C
T.067.056.0410.A	6,7	0,56	41,0	0,0083	177,1	1,219	music wire	4C
T.067.056.0410.I	6,7	0,56	41,0	0,0071	175,4	1,034	stainless steel	4C
T.067.056.1460.A	6,7	0,56	146,0	0,0018	770,0	1,219	music wire	4C
T.067.056.1460.I	6,7	0,56	146,0	0,0016	762,5	1,034	stainless steel	4D
T.067.065.0159.A	6,7	0,65	15,9	0,1200	29,9	1,854	music wire	4C
T.067.065.0159.I	6,7	0,65	15,9	0,1030	29,8	1,578	stainless steel	4C
T.067.090.0390.A	6,7	0,90	39,0	0,1089	75,9	4,589	music wire	4E
T.067.090.0390.I	6,7	0,90	39,0	0,0936	75,9	3,938	stainless steel	4E
T.067.090.0800.A	6,7	0,90	80,0	0,0445	170,3	4,584	music wire	4E
T.067.090.0800.I	6,7	0,90	80,0	0,0382	166,2	3,781	stainless steel	4E
T.068.050.0157.A	6,8	0,50	15,7	0,0354	38,9	0,873	music wire	4C
T.068.050.0157.I	6,8	0,50	15,7	0,0304	38,5	0,739	stainless steel	4C
T.068.050.0222.A	6,8	0,50	22,2	0,0126	87,2	0,873	music wire	4C
T.068.050.0222.I	6,8	0,50	22,2	0,0108	86,2	0,739	stainless steel	4C
T.068.050.0297.A	6,8	0,50	29,7	0,0072	143,0	0,873	music wire	4C
T.068.050.0297.I	6,8	0,50	29,7	0,0062	141,3	0,739	stainless steel	4C
T.068.050.0368.A	6,8	0,50	36,8	0,0052	195,7	0,873	music wire	4C
T.068.050.0368.I	6,8	0,50	36,8	0,0044	193,4	0,739	stainless steel	4C
T.068.065.0320.A	6,8	0,65	32,0	0,0250	98,6	1,828	music wire	4C
T.068.065.0320.I	6,8	0,65	32,0	0,0214	98,0	1,556	stainless steel	4C
T.068.090.0159.A	6,8	0,90	15,9	0,5858	22,7	4,527	music wire	4E
T.068.090.0159.I	6,8	0,90	15,9	0,5031	22,7	3,885	stainless steel	4E
T.068.090.0320.A	6,8	0,90	32,0	0,1388	60,6	4,527	music wire	4E
T.068.090.0320.I	6,8	0,90	32,0	0,1192	60,6	3,885	stainless steel	4E
T.068.090.0360.A	6,8	0,90	36,0	0,1167	70,0	4,527	music wire	4E
T.068.090.0360.I	6,8	0,90	36,0	0,1000	70,0	3,885	stainless steel	4E
T.069.065.0172.A	6,9	0,65	17,2	0,0905	35,3	1,802	music wire	4C
T.069.065.0172.I	6,9	0,65	17,2	0,0777	35,2	1,534	stainless steel	4C
T.069.065.0200.A	6,9	0,65	20,0	0,0596	47,5	1,796	music wire	4C
T.069.065.0200.I	6,9	0,65	20,0	0,0512	46,1	1,473	stainless steel	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.069.065.0254.A	6,9	0,65	25,4	0,0357	71,4	1,802	music wire	4C
T.069.065.0254.I	6,9	0,65	25,4	0,0307	71,0	1,534	stainless steel	4C
T.069.065.0349.A	6,9	0,65	34,9	0,0210	113,1	1,802	music wire	4C
T.069.065.0349.I	6,9	0,65	34,9	0,0180	112,4	1,534	stainless steel	4C
T.069.065.0392.A	6,9	0,65	39,2	0,0177	132,0	1,802	music wire	4C
T.069.065.0392.I	6,9	0,65	39,2	0,0152	131,1	1,534	stainless steel	4C
T.069.065.0436.A	6,9	0,65	43,6	0,0152	151,3	1,802	music wire	4C
T.069.065.0436.I	6,9	0,65	43,6	0,0131	150,3	1,534	stainless steel	4C
T.069.065.0487.A	6,9	0,65	48,7	0,0131	173,7	1,802	music wire	4C
T.069.065.0487.I	6,9	0,65	48,7	0,0113	172,6	1,534	stainless steel	4C
T.069.065.0537.A	6,9	0,65	53,7	0,0116	195,6	1,802	music wire	4C
T.069.065.0537.I	6,9	0,65	53,7	0,0099	194,4	1,534	stainless steel	4C
T.069.065.0588.A	6,9	0,65	58,8	0,0103	218,0	1,802	music wire	4C
T.069.065.0588.I	6,9	0,65	58,8	0,0089	216,6	1,534	stainless steel	4C
T.069.065.0800.A	6,9	0,65	80,0	0,0071	310,2	1,796	music wire	4C
T.069.065.0800.I	6,9	0,65	80,0	0,0061	299,0	1,473	stainless steel	4C
T.069.065.1000.A	6,9	0,65	100,0	0,0055	397,8	1,796	music wire	4C
T.069.065.1000.I	6,9	0,65	100,0	0,0047	383,3	1,473	stainless steel	4D
T.070.040.0143.A	7,0	0,40	14,3	0,0242	32,4	0,451	music wire	4C
T.070.040.0143.I	7,0	0,40	14,3	0,0208	32,1	0,380	stainless steel	4C
T.070.040.0159.A	7,0	0,40	15,9	0,0116	53,3	0,448	music wire	4C
T.070.040.0159.I	7,0	0,40	15,9	0,0100	51,3	0,365	stainless steel	4C
T.070.040.0167.A	7,0	0,40	16,7	0,0093	63,8	0,451	music wire	4C
T.070.040.0167.I	7,0	0,40	16,7	0,0080	62,9	0,380	stainless steel	4C
T.070.040.0191.A	7,0	0,40	19,1	0,0057	94,9	0,448	music wire	4C
T.070.040.0191.I	7,0	0,40	19,1	0,0049	90,9	0,365	stainless steel	4C
T.070.040.0203.A	7,0	0,40	20,3	0,0048	110,9	0,451	music wire	4C
T.070.040.0203.I	7,0	0,40	20,3	0,0042	109,1	0,380	stainless steel	4C
T.070.040.0220.A	7,0	0,40	22,0	0,0039	132,3	0,448	music wire	4C
T.070.040.0220.I	7,0	0,40	22,0	0,0034	126,5	0,365	stainless steel	4C
T.070.040.0263.A	7,0	0,40	26,3	0,0027	189,3	0,451	music wire	4C
T.070.040.0263.I	7,0	0,40	26,3	0,0023	186,2	0,380	stainless steel	4C
T.070.040.0343.A	7,0	0,40	34,3	0,0017	293,9	0,451	music wire	4C
T.070.040.0343.I	7,0	0,40	34,3	0,0015	288,9	0,380	stainless steel	4C
T.070.065.0161.A	7,0	0,65	16,1	0,1140	30,3	1,778	music wire	4C
T.070.065.0161.I	7,0	0,65	16,1	0,0979	30,2	1,513	stainless steel	4C
T.070.065.0199.A	7,0	0,65	19,9	0,0588	47,5	1,778	music wire	4C
T.070.065.0199.I	7,0	0,65	19,9	0,0505	47,2	1,513	stainless steel	4C
T.070.065.0284.A	7,0	0,65	28,4	0,0282	85,8	1,771	music wire	4C
T.070.065.0284.I	7,0	0,65	28,4	0,0242	83,0	1,453	stainless steel	4C
T.070.065.0318.A	7,0	0,65	31,8	0,0234	101,0	1,771	music wire	4C
T.070.065.0318.I	7,0	0,65	31,8	0,0201	97,6	1,453	stainless steel	4C
T.070.065.0348.A	7,0	0,65	34,8	0,0203	114,5	1,771	music wire	4C
T.070.065.0348.I	7,0	0,65	34,8	0,0174	110,6	1,453	stainless steel	4C
T.070.065.0380.A	7,0	0,65	38,0	0,0178	128,8	1,771	music wire	4C
T.070.065.0380.I	7,0	0,65	38,0	0,0153	124,4	1,453	stainless steel	4C
T.070.065.0381.A	7,0	0,65	38,1	0,0177	129,4	1,771	music wire	4C
T.070.065.0381.I	7,0	0,65	38,1	0,0152	124,9	1,453	stainless steel	4C
T.070.065.0444.A	7,0	0,65	44,4	0,0143	157,7	1,771	music wire	4C
T.070.065.0444.I	7,0	0,65	44,4	0,0122	152,2	1,453	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.070.065.0476.A	7,0	0,65	47,6	0,0130	172,5	1,778	music wire	4C
T.070.065.0476.I	7,0	0,65	47,6	0,0112	171,4	1,513	stainless steel	4C
T.070.065.0480.A	7,0	0,65	48,0	0,0128	173,9	1,771	music wire	4C
T.070.065.0480.I	7,0	0,65	48,0	0,0110	167,7	1,453	stainless steel	4C
T.070.100.0190.A	7,0	1,00	19,0	0,5896	27,7	5,894	music wire	4E
T.070.100.0190.I	7,0	1,00	19,0	0,5064	27,7	5,072	stainless steel	4E
T.070.100.0250.A	7,0	1,00	25,0	0,3369	40,2	5,894	music wire	4E
T.070.100.0250.I	7,0	1,00	25,0	0,2894	40,3	5,072	stainless steel	4E
T.070.100.0380.A	7,0	1,00	38,0	0,1747	67,4	5,894	music wire	4E
T.070.100.0380.I	7,0	1,00	38,0	0,1500	66,1	4,869	stainless steel	4E
T.070.100.2900.A	7,0	1,00	290,0	0,0169	593,3	5,894	music wire	4F
T.070.100.2900.I	7,0	1,00	290,0	0,0145	593,9	5,072	stainless steel	4G
T.070.140.0221.A	7,0	1,40	22,1	2,5365	26,9	14,663	music wire	4G
T.070.140.0221.I	7,0	1,40	22,1	2,1786	27,0	12,736	stainless steel	4H
T.070.140.0305.A	7,0	1,40	30,5	1,5072	38,6	14,663	music wire	4G
T.070.140.0305.I	7,0	1,40	30,5	1,2945	38,7	12,736	stainless steel	4H
T.070.140.0431.A	7,0	1,40	43,1	0,9369	56,2	14,663	music wire	4G
T.070.140.0431.I	7,0	1,40	43,1	0,8047	56,3	12,736	stainless steel	4H
T.070.140.0641.A	7,0	1,40	64,1	0,5746	85,4	14,663	music wire	4G
T.070.140.0641.I	7,0	1,40	64,1	0,4935	85,6	12,736	stainless steel	4H
T.070.140.0921.A	7,0	1,40	92,1	0,3791	124,4	14,663	music wire	4H
T.070.140.0921.I	7,0	1,40	92,1	0,3256	124,7	12,736	stainless steel	4H
T.071.040.0380.A	7,1	0,40	38,0	0,0014	350,1	0,445	music wire	4C
T.071.040.0380.I	7,1	0,40	38,0	0,0012	344,1	0,375	stainless steel	4C
T.071.040.0480.A	7,1	0,40	48,0	0,0010	484,9	0,445	music wire	4C
T.071.040.0480.I	7,1	0,40	48,0	0,0009	476,6	0,375	stainless steel	4C
T.071.045.0640.A	7,1	0,45	64,0	0,0013	539,8	0,621	music wire	4C
T.071.045.0640.I	7,1	0,45	64,0	0,0011	531,9	0,525	stainless steel	4C
T.071.056.0260.A	7,1	0,56	26,0	0,0149	98,1	1,153	music wire	4C
T.071.056.0260.I	7,1	0,56	26,0	0,0128	97,2	0,978	stainless steel	4C
T.071.056.0380.A	7,1	0,56	38,0	0,0079	174,3	1,153	music wire	4C
T.071.056.0380.I	7,1	0,56	38,0	0,0068	172,6	0,978	stainless steel	4C
T.071.070.0250.A	7,1	0,70	25,0	0,0506	63,6	2,159	music wire	4C
T.071.070.0250.I	7,1	0,70	25,0	0,0435	63,4	1,841	stainless steel	4C
T.071.070.0570.A	7,1	0,70	57,0	0,0145	191,5	2,159	music wire	4C
T.071.070.0570.I	7,1	0,70	57,0	0,0125	190,6	1,841	stainless steel	4C
T.071.070.0830.A	7,1	0,70	83,0	0,0092	295,4	2,159	music wire	4C
T.071.070.0830.I	7,1	0,70	83,0	0,0079	293,9	1,841	stainless steel	4D
T.071.075.0159.A	7,1	0,75	15,9	0,2390	25,8	2,618	music wire	4C
T.071.075.0159.I	7,1	0,75	15,9	0,2053	25,7	2,237	stainless steel	4C
T.071.080.0192.A	7,1	0,80	19,2	0,1804	34,7	3,135	music wire	4C
T.071.080.0192.I	7,1	0,80	19,2	0,1550	34,7	2,683	stainless steel	4C
T.071.080.0296.A	7,1	0,80	29,6	0,0750	66,9	3,135	music wire	4C
T.071.080.0296.I	7,1	0,80	29,6	0,0644	66,8	2,683	stainless steel	4C
T.071.080.0416.A	7,1	0,80	41,6	0,0448	104,1	3,135	music wire	4C
T.071.080.0416.I	7,1	0,80	41,6	0,0385	103,9	2,683	stainless steel	4C
T.071.080.0472.A	7,1	0,80	47,2	0,0377	121,4	3,135	music wire	4C
T.071.080.0472.I	7,1	0,80	47,2	0,0324	121,2	2,683	stainless steel	4C
T.071.080.0528.A	7,1	0,80	52,8	0,0326	138,8	3,135	music wire	4C
T.071.080.0528.I	7,1	0,80	52,8	0,0280	138,5	2,683	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.071.080.0592.A	7,1	0,80	59,2	0,0282	158,6	3,135	music wire	4C
T.071.080.0592.I	7,1	0,80	59,2	0,0242	158,2	2,683	stainless steel	4C
T.071.080.0656.A	7,1	0,80	65,6	0,0248	178,4	3,135	music wire	4C
T.071.080.0656.I	7,1	0,80	65,6	0,0213	178,0	2,683	stainless steel	4C
T.071.080.0720.A	7,1	0,80	72,0	0,0222	198,3	3,135	music wire	4C
T.071.080.0720.I	7,1	0,80	72,0	0,0190	197,8	2,683	stainless steel	4D
T.071.100.0350.A	7,1	1,00	35,0	0,1886	61,9	5,819	music wire	4E
T.071.100.0350.I	7,1	1,00	35,0	0,1620	61,9	5,007	stainless steel	4E
T.071.100.0600.A	7,1	1,00	60,0	0,0920	115,1	5,819	music wire	4E
T.071.100.0600.I	7,1	1,00	60,0	0,0790	115,2	5,007	stainless steel	4E
T.071.112.0330.A	7,1	1,12	33,0	0,3789	51,0	7,939	music wire	4E
T.071.112.0330.I	7,1	1,12	33,0	0,3254	51,1	6,852	stainless steel	4F
T.071.150.0179.A	7,1	1,50	17,9	5,3721	20,6	17,393	music wire	4H
T.071.150.0179.I	7,1	1,50	17,9	4,6141	20,6	15,138	stainless steel	4I
T.071.160.0680.A	7,1	1,60	68,0	1,0957	83,4	20,587	music wire	4I
T.071.160.0680.I	7,1	1,60	68,0	0,9411	83,6	17,953	stainless steel	4I
T.072.065.0157.A	7,2	0,65	15,7	0,1294	27,9	1,724	music wire	4C
T.072.065.0157.I	7,2	0,65	15,7	0,1112	27,3	1,414	stainless steel	4C
T.072.065.0200.A	7,2	0,65	20,0	0,0558	48,3	1,724	music wire	4C
T.072.065.0200.I	7,2	0,65	20,0	0,0479	46,9	1,414	stainless steel	4C
T.072.065.0640.A	7,2	0,65	64,0	0,0082	258,1	1,730	music wire	4C
T.072.065.0640.I	7,2	0,65	64,0	0,0070	256,5	1,473	stainless steel	4C
T.072.065.0850.A	7,2	0,65	85,0	0,0058	358,2	1,730	music wire	4C
T.072.065.0850.I	7,2	0,65	85,0	0,0050	355,9	1,473	stainless steel	4C
T.072.075.0570.A	7,2	0,75	57,0	0,0201	172,9	2,584	music wire	4C
T.072.075.0570.I	7,2	0,75	57,0	0,0173	172,3	2,208	stainless steel	4C
T.072.080.0210.A	7,2	0,80	21,0	0,1415	40,6	3,094	music wire	4C
T.072.080.0210.I	7,2	0,80	21,0	0,1215	40,5	2,648	stainless steel	4C
T.072.080.0360.A	7,2	0,80	36,0	0,0531	88,2	3,094	music wire	4C
T.072.080.0360.I	7,2	0,80	36,0	0,0456	88,0	2,648	stainless steel	4C
T.072.080.0600.A	7,2	0,80	60,0	0,0265	164,1	3,088	music wire	4C
T.072.080.0600.I	7,2	0,80	60,0	0,0228	159,3	2,542	stainless steel	4C
T.072.090.0198.A	7,2	0,90	19,8	0,2970	32,6	4,293	music wire	4E
T.072.090.0198.I	7,2	0,90	19,8	0,2551	32,6	3,684	stainless steel	4E
T.072.090.0400.A	7,2	0,90	40,0	0,0851	84,5	4,289	music wire	4E
T.072.090.0400.I	7,2	0,90	40,0	0,0731	82,5	3,537	stainless steel	4E
T.072.090.0640.A	7,2	0,90	64,0	0,0460	146,4	4,293	music wire	4E
T.072.090.0640.I	7,2	0,90	64,0	0,0395	146,3	3,684	stainless steel	4E
T.072.090.0800.A	7,2	0,90	80,0	0,0352	187,5	4,289	music wire	4E
T.072.090.0800.I	7,2	0,90	80,0	0,0302	182,7	3,537	stainless steel	4E
T.072.090.1000.A	7,2	0,90	100,0	0,0272	239,1	4,293	music wire	4E
T.072.090.1000.I	7,2	0,90	100,0	0,0234	239,0	3,684	stainless steel	4E
T.072.090.1500.A	7,2	0,90	150,0	0,0174	367,9	4,293	music wire	4E
T.072.090.1500.I	7,2	0,90	150,0	0,0149	367,7	3,684	stainless steel	4F
T.072.090.2000.A	7,2	0,90	200,0	0,0128	496,7	4,293	music wire	4E
T.072.090.2000.I	7,2	0,90	200,0	0,0110	496,5	3,684	stainless steel	4F
T.072.110.2290.A	7,2	1,10	229,0	0,0332	423,2	7,463	music wire	4G
T.072.110.2290.I	7,2	1,10	229,0	0,0285	424,1	6,439	stainless steel	4G
T.072.160.0200.A	7,2	1,60	20,0	5,8488	22,9	20,366	music wire	4H
T.072.160.0200.I	7,2	1,60	20,0	5,0235	22,9	17,760	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.073.100.0214.A	7,3	1,00	21,4	0,4157	33,3	5,673	music wire	4E
T.073.100.0214.I	7,3	1,00	21,4	0,3571	33,3	4,881	stainless steel	4E
T.073.100.0344.A	7,3	1,00	34,4	0,1787	62,1	5,673	music wire	4E
T.073.100.0344.I	7,3	1,00	34,4	0,1535	62,2	4,881	stainless steel	4E
T.073.100.0400.A	7,3	1,00	40,0	0,1435	74,6	5,673	music wire	4E
T.073.100.0400.I	7,3	1,00	40,0	0,1232	73,0	4,686	stainless steel	4E
T.073.100.0494.A	7,3	1,00	49,4	0,1078	95,4	5,673	music wire	4E
T.073.100.0494.I	7,3	1,00	49,4	0,0926	95,5	4,881	stainless steel	4E
T.073.100.0565.A	7,3	1,00	56,5	0,0907	111,1	5,673	music wire	4E
T.073.100.0565.I	7,3	1,00	56,5	0,0779	111,2	4,881	stainless steel	4E
T.073.100.0635.A	7,3	1,00	63,5	0,0785	126,7	5,673	music wire	4E
T.073.100.0635.I	7,3	1,00	63,5	0,0674	126,8	4,881	stainless steel	4E
T.073.100.0715.A	7,3	1,00	71,5	0,0680	144,4	5,673	music wire	4E
T.073.100.0715.I	7,3	1,00	71,5	0,0584	144,5	4,881	stainless steel	4E
T.073.100.0795.A	7,3	1,00	79,5	0,0600	162,1	5,673	music wire	4E
T.073.100.0795.I	7,3	1,00	79,5	0,0515	162,3	4,881	stainless steel	4E
T.073.100.0875.A	7,3	1,00	87,5	0,0537	179,9	5,673	music wire	4E
T.073.100.0875.I	7,3	1,00	87,5	0,0461	180,0	4,881	stainless steel	4E
T.073.100.1200.A	7,3	1,00	120,0	0,0376	251,9	5,673	music wire	4E
T.073.100.1200.I	7,3	1,00	120,0	0,0323	246,1	4,686	stainless steel	4E
T.073.100.2000.A	7,3	1,00	200,0	0,0216	429,3	5,673	music wire	4F
T.073.100.2000.I	7,3	1,00	200,0	0,0186	419,2	4,686	stainless steel	4F
T.074.045.0159.A	7,4	0,45	15,9	0,0230	40,7	0,593	music wire	4C
T.074.045.0159.I	7,4	0,45	15,9	0,0198	39,4	0,484	stainless steel	4C
T.074.045.0220.A	7,4	0,45	22,0	0,0065	109,1	0,593	music wire	4C
T.074.045.0220.I	7,4	0,45	22,0	0,0056	104,7	0,484	stainless steel	4C
T.074.045.0224.A	7,4	0,45	22,4	0,0063	113,7	0,593	music wire	4C
T.074.045.0224.I	7,4	0,45	22,4	0,0054	109,0	0,484	stainless steel	4C
T.074.045.0254.A	7,4	0,45	25,4	0,0047	147,4	0,593	music wire	4C
T.074.045.0254.I	7,4	0,45	25,4	0,0040	141,1	0,484	stainless steel	4C
T.074.045.0318.A	7,4	0,45	31,8	0,0031	218,9	0,593	music wire	4C
T.074.045.0318.I	7,4	0,45	31,8	0,0026	209,3	0,484	stainless steel	4C
T.074.045.0381.A	7,4	0,45	38,1	0,0023	289,4	0,593	music wire	4C
T.074.045.0381.I	7,4	0,45	38,1	0,0020	276,5	0,484	stainless steel	4C
T.074.045.0508.A	7,4	0,45	50,8	0,0015	431,5	0,593	music wire	4C
T.074.045.0508.I	7,4	0,45	50,8	0,0013	411,9	0,484	stainless steel	4C
T.074.080.0157.A	7,4	0,80	15,7	0,3540	23,3	3,009	music wire	4C
T.074.080.0157.I	7,4	0,80	15,7	0,3041	23,0	2,477	stainless steel	4C
T.074.080.0159.A	7,4	0,80	15,9	0,3299	24,1	3,009	music wire	4C
T.074.080.0159.I	7,4	0,80	15,9	0,2833	23,7	2,477	stainless steel	4C
T.074.090.0157.A	7,4	0,90	15,7	0,6085	21,8	4,181	music wire	4E
T.074.090.0157.I	7,4	0,90	15,7	0,5226	21,5	3,448	stainless steel	4E
T.074.090.0159.A	7,4	0,90	15,9	0,5795	22,3	4,181	music wire	4E
T.074.090.0159.I	7,4	0,90	15,9	0,4977	22,0	3,448	stainless steel	4E
T.074.100.0159.A	7,4	1,00	15,9	0,9479	21,1	5,602	music wire	4E
T.074.100.0159.I	7,4	1,00	15,9	0,8141	20,8	4,628	stainless steel	4E
T.075.045.0155.A	7,5	0,45	15,5	0,0290	35,1	0,589	music wire	4C
T.075.045.0155.I	7,5	0,45	15,5	0,0249	34,8	0,497	stainless steel	4C
T.075.045.0182.A	7,5	0,45	18,2	0,0118	66,4	0,589	music wire	4C
T.075.045.0182.I	7,5	0,45	18,2	0,0101	65,6	0,497	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.075.045.0187.A	7,5	0,45	18,7	0,0106	72,2	0,589	music wire	4C
T.075.045.0187.I	7,5	0,45	18,7	0,0091	71,3	0,497	stainless steel	4C
T.075.045.0223.A	7,5	0,45	22,3	0,0062	113,9	0,589	music wire	4C
T.075.045.0223.I	7,5	0,45	22,3	0,0053	112,4	0,497	stainless steel	4C
T.075.045.0290.A	7,5	0,45	29,0	0,0035	191,5	0,589	music wire	4C
T.075.045.0290.I	7,5	0,45	29,0	0,0030	188,8	0,497	stainless steel	4C
T.075.045.0380.A	7,5	0,45	38,0	0,0022	295,8	0,589	music wire	4C
T.075.045.0380.I	7,5	0,45	38,0	0,0019	291,5	0,497	stainless steel	4C
T.075.070.0175.A	7,5	0,70	17,5	0,1184	33,3	2,049	music wire	4C
T.075.070.0175.I	7,5	0,70	17,5	0,1017	33,2	1,747	stainless steel	4C
T.075.070.0217.A	7,5	0,70	21,7	0,0619	51,9	2,049	music wire	4C
T.075.070.0217.I	7,5	0,70	21,7	0,0531	51,7	1,747	stainless steel	4C
T.075.070.0280.A	7,5	0,70	28,0	0,0361	79,8	2,049	music wire	4C
T.075.070.0280.I	7,5	0,70	28,0	0,0310	79,5	1,747	stainless steel	4C
T.075.070.0385.A	7,5	0,70	38,5	0,0213	126,3	2,049	music wire	4C
T.075.070.0385.I	7,5	0,70	38,5	0,0183	125,7	1,747	stainless steel	4C
T.075.070.0525.A	7,5	0,70	52,5	0,0138	188,4	2,049	music wire	4C
T.075.070.0525.I	7,5	0,70	52,5	0,0118	187,4	1,747	stainless steel	4C
T.075.075.0450.A	7,5	0,75	45,0	0,0244	137,3	2,486	music wire	4C
T.075.075.0450.I	7,5	0,75	45,0	0,0209	136,8	2,124	stainless steel	4C
T.075.100.0182.A	7,5	1,00	18,2	0,6000	26,3	5,533	music wire	4E
T.075.100.0182.I	7,5	1,00	18,2	0,5139	26,3	4,762	stainless steel	4E
T.075.100.0520.A	7,5	1,00	52,0	0,0927	104,3	5,533	music wire	4E
T.075.100.0520.I	7,5	1,00	52,0	0,0797	104,4	4,762	stainless steel	4E
T.075.100.1080.A	7,5	1,00	108,0	0,0386	233,5	5,533	music wire	4E
T.075.100.1080.I	7,5	1,00	108,0	0,0332	233,8	4,762	stainless steel	4E
T.075.100.1100.A	7,5	1,00	110,0	0,0379	238,2	5,533	music wire	4E
T.075.100.1100.I	7,5	1,00	110,0	0,0325	238,4	4,762	stainless steel	4E
T.075.110.0206.A	7,5	1,10	20,6	0,7032	29,5	7,193	music wire	4E
T.075.110.0206.I	7,5	1,10	20,6	0,6040	29,5	6,206	stainless steel	4F
T.075.110.0272.A	7,5	1,10	27,2	0,4038	42,7	7,193	music wire	4E
T.075.110.0272.I	7,5	1,10	27,2	0,3468	42,7	6,206	stainless steel	4F
T.075.110.0371.A	7,5	1,10	37,1	0,2464	62,4	7,193	music wire	4E
T.075.110.0371.I	7,5	1,10	37,1	0,2116	62,5	6,206	stainless steel	4F
T.075.110.0536.A	7,5	1,10	53,6	0,1494	95,4	7,193	music wire	4F
T.075.110.0536.I	7,5	1,10	53,6	0,1283	95,6	6,206	stainless steel	4F
T.075.110.0756.A	7,5	1,10	75,6	0,0979	139,3	7,193	music wire	4F
T.075.110.0756.I	7,5	1,10	75,6	0,0841	139,6	6,206	stainless steel	4F
T.075.125.0243.A	7,5	1,25	24,3	0,9758	33,2	10,197	music wire	4E
T.075.125.0243.I	7,5	1,25	24,3	0,8381	33,3	8,828	stainless steel	4F
T.075.125.0405.A	7,5	1,25	40,5	0,4354	60,5	10,197	music wire	4F
T.075.125.0405.I	7,5	1,25	40,5	0,3739	60,7	8,828	stainless steel	4F
T.075.125.0553.A	7,5	1,25	55,3	0,2891	85,4	10,197	music wire	4F
T.075.125.0553.I	7,5	1,25	55,3	0,2483	85,7	8,828	stainless steel	4F
T.075.125.0681.A	7,5	1,25	68,1	0,2240	107,0	10,197	music wire	4F
T.075.125.0681.I	7,5	1,25	68,1	0,1924	107,3	8,828	stainless steel	4F
T.075.125.0768.A	7,5	1,25	76,8	0,1943	121,6	10,197	music wire	4F
T.075.125.0768.I	7,5	1,25	76,8	0,1669	122,0	8,828	stainless steel	4G
T.075.125.0868.A	7,5	1,25	86,8	0,1686	138,5	10,197	music wire	4F
T.075.125.0868.I	7,5	1,25	86,8	0,1448	138,9	8,828	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.075.125.0968.A	7,5	1,25	96,8	0,1489	155,3	10,197	music wire	4F
T.075.125.0968.I	7,5	1,25	96,8	0,1278	155,8	8,828	stainless steel	4G
T.075.125.1060.A	7,5	1,25	106,0	0,1344	170,8	10,197	music wire	4F
T.075.125.1060.I	7,5	1,25	106,0	0,1154	171,3	8,828	stainless steel	4G
T.075.150.0200.A	7,5	1,50	20,0	3,7700	23,7	16,637	music wire	4H
T.075.150.0200.I	7,5	1,50	20,0	3,2381	23,7	14,480	stainless steel	4I
T.076.075.0250.A	7,6	0,75	25,0	0,0624	60,6	2,455	music wire	4C
T.076.075.0250.I	7,6	0,75	25,0	0,0536	60,5	2,097	stainless steel	4C
T.076.075.0290.A	7,6	0,75	29,0	0,0469	76,5	2,455	music wire	4C
T.076.075.0290.I	7,6	0,75	29,0	0,0403	76,2	2,097	stainless steel	4C
T.076.075.0320.A	7,6	0,75	32,0	0,0395	88,3	2,455	music wire	4C
T.076.075.0320.I	7,6	0,75	32,0	0,0339	88,0	2,097	stainless steel	4C
T.076.075.0350.A	7,6	0,75	35,0	0,0341	100,2	2,455	music wire	4C
T.076.075.0350.I	7,6	0,75	35,0	0,0293	99,9	2,097	stainless steel	4C
T.076.075.0380.A	7,6	0,75	38,0	0,0300	112,1	2,455	music wire	4C
T.076.075.0380.I	7,6	0,75	38,0	0,0258	111,7	2,097	stainless steel	4C
T.076.075.0450.A	7,6	0,75	45,0	0,0235	139,8	2,455	music wire	4C
T.076.075.0450.I	7,6	0,75	45,0	0,0202	139,3	2,097	stainless steel	4C
T.076.075.0500.A	7,6	0,75	50,0	0,0203	159,6	2,455	music wire	4C
T.076.075.0500.I	7,6	0,75	50,0	0,0174	159,0	2,097	stainless steel	4C
T.076.075.0570.A	7,6	0,75	57,0	0,0171	187,3	2,455	music wire	4C
T.076.075.0570.I	7,6	0,75	57,0	0,0147	186,6	2,097	stainless steel	4C
T.076.075.0640.A	7,6	0,75	64,0	0,0147	215,0	2,455	music wire	4C
T.076.075.0640.I	7,6	0,75	64,0	0,0127	214,2	2,097	stainless steel	4C
T.076.080.0254.A	7,6	0,80	25,4	0,0843	56,8	2,940	music wire	4C
T.076.080.0254.I	7,6	0,80	25,4	0,0724	56,7	2,516	stainless steel	4C
T.076.080.0284.A	7,6	0,80	28,4	0,0681	67,3	2,940	music wire	4C
T.076.080.0284.I	7,6	0,80	28,4	0,0585	67,1	2,516	stainless steel	4C
T.076.080.0318.A	7,6	0,80	31,8	0,0559	79,1	2,940	music wire	4C
T.076.080.0318.I	7,6	0,80	31,8	0,0480	79,0	2,516	stainless steel	4C
T.076.080.0330.A	7,6	0,80	33,0	0,0526	83,3	2,940	music wire	4C
T.076.080.0330.I	7,6	0,80	33,0	0,0451	83,1	2,516	stainless steel	4C
T.076.080.0348.A	7,6	0,80	34,8	0,0483	89,6	2,940	music wire	4C
T.076.080.0348.I	7,6	0,80	34,8	0,0414	89,4	2,516	stainless steel	4C
T.076.080.0381.A	7,6	0,80	38,1	0,0420	101,1	2,940	music wire	4C
T.076.080.0381.I	7,6	0,80	38,1	0,0360	100,9	2,516	stainless steel	4C
T.076.080.0444.A	7,6	0,80	44,4	0,0336	123,1	2,940	music wire	4C
T.076.080.0444.I	7,6	0,80	44,4	0,0289	122,8	2,516	stainless steel	4C
T.076.080.0508.A	7,6	0,80	50,8	0,0279	145,5	2,940	music wire	4C
T.076.080.0508.I	7,6	0,80	50,8	0,0240	145,1	2,516	stainless steel	4C
T.076.080.0572.A	7,6	0,80	57,2	0,0239	167,8	2,940	music wire	4C
T.076.080.0572.I	7,6	0,80	57,2	0,0205	167,4	2,516	stainless steel	4C
T.076.080.0635.A	7,6	0,80	63,5	0,0209	189,8	2,940	music wire	4C
T.076.080.0635.I	7,6	0,80	63,5	0,0180	189,4	2,516	stainless steel	4C
T.076.080.0698.A	7,6	0,80	69,8	0,0186	211,8	2,940	music wire	4C
T.076.080.0698.I	7,6	0,80	69,8	0,0160	211,3	2,516	stainless steel	4D
T.076.080.0762.A	7,6	0,80	76,2	0,0167	234,2	2,940	music wire	4C
T.076.080.0762.I	7,6	0,80	76,2	0,0144	233,6	2,516	stainless steel	4D
T.076.090.0190.A	7,6	0,90	19,0	0,3077	30,8	4,082	music wire	4E
T.076.090.0190.I	7,6	0,90	19,0	0,2643	30,8	3,503	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.076.090.0250.A	7,6	0,90	25,0	0,1600	47,7	4,082	music wire	4E
T.076.090.0250.I	7,6	0,90	25,0	0,1374	47,6	3,503	stainless steel	4E
T.076.090.0254.A	7,6	0,90	25,4	0,1550	48,8	4,082	music wire	4E
T.076.090.0254.I	7,6	0,90	25,4	0,1332	48,8	3,503	stainless steel	4E
T.076.090.0284.A	7,6	0,90	28,4	0,1258	57,2	4,082	music wire	4E
T.076.090.0284.I	7,6	0,90	28,4	0,1080	57,2	3,503	stainless steel	4E
T.076.090.0290.A	7,6	0,90	29,0	0,1212	58,9	4,082	music wire	4E
T.076.090.0290.I	7,6	0,90	29,0	0,1041	58,9	3,503	stainless steel	4E
T.076.090.0318.A	7,6	0,90	31,8	0,1036	66,8	4,082	music wire	4E
T.076.090.0318.I	7,6	0,90	31,8	0,0890	66,8	3,503	stainless steel	4E
T.076.090.0320.A	7,6	0,90	32,0	0,1026	67,4	4,082	music wire	4E
T.076.090.0320.I	7,6	0,90	32,0	0,0881	67,3	3,503	stainless steel	4E
T.076.090.0348.A	7,6	0,90	34,8	0,0897	75,2	4,082	music wire	4E
T.076.090.0348.I	7,6	0,90	34,8	0,0770	75,2	3,503	stainless steel	4E
T.076.090.0350.A	7,6	0,90	35,0	0,0889	75,8	4,082	music wire	4E
T.076.090.0350.I	7,6	0,90	35,0	0,0764	75,8	3,503	stainless steel	4E
T.076.090.0380.A	7,6	0,90	38,0	0,0784	84,2	4,082	music wire	4E
T.076.090.0380.I	7,6	0,90	38,0	0,0674	84,2	3,503	stainless steel	4E
T.076.090.0381.A	7,6	0,90	38,1	0,0781	84,5	4,082	music wire	4E
T.076.090.0381.I	7,6	0,90	38,1	0,0671	84,5	3,503	stainless steel	4E
T.076.090.0444.A	7,6	0,90	44,4	0,0627	102,2	4,082	music wire	4E
T.076.090.0444.I	7,6	0,90	44,4	0,0539	102,2	3,503	stainless steel	4E
T.076.090.0450.A	7,6	0,90	45,0	0,0615	103,9	4,082	music wire	4E
T.076.090.0450.I	7,6	0,90	45,0	0,0529	103,9	3,503	stainless steel	4E
T.076.090.0500.A	7,6	0,90	50,0	0,0533	118,0	4,082	music wire	4E
T.076.090.0500.I	7,6	0,90	50,0	0,0458	117,9	3,503	stainless steel	4E
T.076.090.0508.A	7,6	0,90	50,8	0,0522	120,2	4,082	music wire	4E
T.076.090.0508.I	7,6	0,90	50,8	0,0449	120,2	3,503	stainless steel	4E
T.076.090.0570.A	7,6	0,90	57,0	0,0449	137,7	4,082	music wire	4E
T.076.090.0570.I	7,6	0,90	57,0	0,0386	137,6	3,503	stainless steel	4E
T.076.090.0572.A	7,6	0,90	57,2	0,0447	138,2	4,082	music wire	4E
T.076.090.0572.I	7,6	0,90	57,2	0,0384	138,2	3,503	stainless steel	4E
T.076.090.0635.A	7,6	0,90	63,5	0,0392	156,0	4,082	music wire	4E
T.076.090.0635.I	7,6	0,90	63,5	0,0337	155,9	3,503	stainless steel	4E
T.076.090.0640.A	7,6	0,90	64,0	0,0388	157,4	4,082	music wire	4E
T.076.090.0640.I	7,6	0,90	64,0	0,0334	157,3	3,503	stainless steel	4E
T.076.090.0698.A	7,6	0,90	69,8	0,0349	173,7	4,082	music wire	4E
T.076.090.0698.I	7,6	0,90	69,8	0,0300	173,6	3,503	stainless steel	4E
T.076.090.0700.A	7,6	0,90	70,0	0,0348	174,2	4,082	music wire	4E
T.076.090.0700.I	7,6	0,90	70,0	0,0299	174,2	3,503	stainless steel	4E
T.076.090.0760.A	7,6	0,90	76,0	0,0315	191,1	4,082	music wire	4E
T.076.090.0760.I	7,6	0,90	76,0	0,0271	191,0	3,503	stainless steel	4E
T.076.090.0762.A	7,6	0,90	76,2	0,0314	191,7	4,082	music wire	4E
T.076.090.0762.I	7,6	0,90	76,2	0,0270	191,6	3,503	stainless steel	4E
T.076.100.0191.A	7,6	1,00	19,1	0,5136	28,4	5,466	music wire	4E
T.076.100.0191.I	7,6	1,00	19,1	0,4411	28,0	4,516	stainless steel	4E
T.076.120.0690.A	7,6	1,20	69,0	0,1685	115,0	9,019	music wire	4F
T.076.120.0690.I	7,6	1,20	69,0	0,1447	115,4	7,799	stainless steel	4F
T.076.125.0254.A	7,6	1,25	25,4	0,8704	35,3	10,079	music wire	4E
T.076.125.0254.I	7,6	1,25	25,4	0,7476	35,4	8,726	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.076.125.0284.A	7,6	1,25	28,4	0,7164	40,4	10,079	music wire	4F
T.076.125.0284.I	7,6	1,25	28,4	0,6153	40,5	8,726	stainless steel	4F
T.076.125.0318.A	7,6	1,25	31,8	0,5967	46,3	10,079	music wire	4F
T.076.125.0318.I	7,6	1,25	31,8	0,5125	46,4	8,726	stainless steel	4F
T.076.125.0348.A	7,6	1,25	34,8	0,5200	51,4	10,079	music wire	4F
T.076.125.0348.I	7,6	1,25	34,8	0,4466	51,5	8,726	stainless steel	4F
T.076.125.0381.A	7,6	1,25	38,1	0,4556	57,0	10,079	music wire	4F
T.076.125.0381.I	7,6	1,25	38,1	0,3913	57,2	8,726	stainless steel	4F
T.076.125.0444.A	7,6	1,25	44,4	0,3685	67,8	10,079	music wire	4F
T.076.125.0444.I	7,6	1,25	44,4	0,3165	68,0	8,726	stainless steel	4F
T.076.125.0508.A	7,6	1,25	50,8	0,3086	78,8	10,079	music wire	4F
T.076.125.0508.I	7,6	1,25	50,8	0,2650	79,0	8,726	stainless steel	4F
T.076.125.0572.A	7,6	1,25	57,2	0,2654	89,7	10,079	music wire	4F
T.076.125.0572.I	7,6	1,25	57,2	0,2280	90,0	8,726	stainless steel	4F
T.076.125.0635.A	7,6	1,25	63,5	0,2333	100,5	10,079	music wire	4F
T.076.125.0635.I	7,6	1,25	63,5	0,2000	100,8	8,726	stainless steel	4F
T.076.125.0698.A	7,6	1,25	69,8	0,2081	111,2	10,079	music wire	4F
T.076.125.0698.I	7,6	1,25	69,8	0,1787	111,6	8,726	stainless steel	4F
T.076.140.0250.A	7,6	1,40	25,0	1,6421	32,0	13,687	music wire	4G
T.076.140.0250.I	7,6	1,40	25,0	1,4104	32,1	11,888	stainless steel	4H
T.076.140.0254.A	7,6	1,40	25,4	1,5965	32,6	13,687	music wire	4G
T.076.140.0254.I	7,6	1,40	25,4	1,3712	32,7	11,888	stainless steel	4H
T.076.140.0284.A	7,6	1,40	28,4	1,3212	37,1	13,687	music wire	4G
T.076.140.0284.I	7,6	1,40	28,4	1,1348	37,2	11,888	stainless steel	4H
T.076.140.0290.A	7,6	1,40	29,0	1,2772	38,0	13,687	music wire	4G
T.076.140.0290.I	7,6	1,40	29,0	1,0970	38,1	11,888	stainless steel	4H
T.076.140.0318.A	7,6	1,40	31,8	1,1053	42,2	13,687	music wire	4G
T.076.140.0318.I	7,6	1,40	31,8	0,9493	42,4	11,888	stainless steel	4H
T.076.140.0320.A	7,6	1,40	32,0	1,0947	42,5	13,687	music wire	4G
T.076.140.0320.I	7,6	1,40	32,0	0,9403	42,7	11,888	stainless steel	4H
T.076.140.0348.A	7,6	1,40	34,8	0,9660	46,8	13,687	music wire	4G
T.076.140.0348.I	7,6	1,40	34,8	0,8297	46,9	11,888	stainless steel	4H
T.076.140.0350.A	7,6	1,40	35,0	0,9579	47,1	13,687	music wire	4G
T.076.140.0350.I	7,6	1,40	35,0	0,8227	47,2	11,888	stainless steel	4H
T.076.140.0380.A	7,6	1,40	38,0	0,8515	51,6	13,687	music wire	4G
T.076.140.0380.I	7,6	1,40	38,0	0,7313	51,7	11,888	stainless steel	4H
T.076.140.0381.A	7,6	1,40	38,1	0,8483	51,7	13,687	music wire	4G
T.076.140.0381.I	7,6	1,40	38,1	0,7286	51,9	11,888	stainless steel	4H
T.076.140.0444.A	7,6	1,40	44,4	0,6883	61,2	13,687	music wire	4G
T.076.140.0444.I	7,6	1,40	44,4	0,5912	61,4	11,888	stainless steel	4H
T.076.140.0450.A	7,6	1,40	45,0	0,6762	62,1	13,687	music wire	4G
T.076.140.0450.I	7,6	1,40	45,0	0,5808	62,3	11,888	stainless steel	4H
T.076.140.0500.A	7,6	1,40	50,0	0,5895	69,6	13,687	music wire	4G
T.076.140.0500.I	7,6	1,40	50,0	0,5063	69,8	11,888	stainless steel	4H
T.076.140.0508.A	7,6	1,40	50,8	0,5776	70,8	13,687	music wire	4G
T.076.140.0508.I	7,6	1,40	50,8	0,4961	71,0	11,888	stainless steel	4H
T.076.140.0570.A	7,6	1,40	57,0	0,5000	80,1	13,687	music wire	4G
T.076.140.0570.I	7,6	1,40	57,0	0,4293	80,4	11,888	stainless steel	4H
T.076.140.0572.A	7,6	1,40	57,2	0,4976	80,4	13,687	music wire	4G
T.076.140.0572.I	7,6	1,40	57,2	0,4274	80,7	11,888	stainless steel	4H



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.076.140.0635.A	7,6	1,40	63,5	0,4379	89,9	13,687	music wire	4G
T.076.140.0635.I	7,6	1,40	63,5	0,3761	90,2	11,888	stainless steel	4H
T.076.140.0640.A	7,6	1,40	64,0	0,4338	90,6	13,687	music wire	4G
T.076.140.0640.I	7,6	1,40	64,0	0,3726	90,9	11,888	stainless steel	4H
T.076.140.0698.A	7,6	1,40	69,8	0,3910	99,3	13,687	music wire	4G
T.076.140.0698.I	7,6	1,40	69,8	0,3358	99,7	11,888	stainless steel	4H
T.076.140.0700.A	7,6	1,40	70,0	0,3897	99,6	13,687	music wire	4G
T.076.140.0700.I	7,6	1,40	70,0	0,3347	100,0	11,888	stainless steel	4H
T.076.140.0760.A	7,6	1,40	76,0	0,3537	108,6	13,687	music wire	4G
T.076.140.0760.I	7,6	1,40	76,0	0,3038	109,0	11,888	stainless steel	4H
T.076.140.0762.A	7,6	1,40	76,2	0,3526	108,9	13,687	music wire	4G
T.076.140.0762.I	7,6	1,40	76,2	0,3028	109,3	11,888	stainless steel	4H
T.077.080.0200.A	7,7	0,80	20,0	0,1443	38,1	2,898	music wire	4C
T.077.080.0200.I	7,7	0,80	20,0	0,1240	37,3	2,385	stainless steel	4C
T.077.080.0290.A	7,7	0,80	29,0	0,0635	70,2	2,904	music wire	4C
T.077.080.0290.I	7,7	0,80	29,0	0,0545	70,0	2,485	stainless steel	4C
T.077.080.0350.A	7,7	0,80	35,0	0,0462	91,7	2,904	music wire	4C
T.077.080.0350.I	7,7	0,80	35,0	0,0397	91,4	2,485	stainless steel	4C
T.077.080.0380.A	7,7	0,80	38,0	0,0406	102,4	2,904	music wire	4C
T.077.080.0380.I	7,7	0,80	38,0	0,0349	102,1	2,485	stainless steel	4C
T.077.080.0450.A	7,7	0,80	45,0	0,0318	127,4	2,904	music wire	4C
T.077.080.0450.I	7,7	0,80	45,0	0,0273	127,1	2,485	stainless steel	4C
T.077.080.0570.A	7,7	0,80	57,0	0,0231	170,3	2,904	music wire	4C
T.077.080.0570.I	7,7	0,80	57,0	0,0198	169,9	2,485	stainless steel	4C
T.077.080.0700.A	7,7	0,80	70,0	0,0178	216,8	2,904	music wire	4C
T.077.080.0700.I	7,7	0,80	70,0	0,0153	216,2	2,485	stainless steel	4D
T.077.080.0760.A	7,7	0,80	76,0	0,0161	238,2	2,904	music wire	4C
T.077.080.0760.I	7,7	0,80	76,0	0,0139	237,6	2,485	stainless steel	4D
T.077.080.2000.A	7,7	0,80	200,0	0,0054	680,7	2,898	music wire	4D
T.077.080.2000.I	7,7	0,80	200,0	0,0047	658,5	2,385	stainless steel	4E
T.077.110.0290.A	7,7	1,10	29,0	0,3377	47,1	7,024	music wire	4E
T.077.110.0290.I	7,7	1,10	29,0	0,2900	47,2	6,059	stainless steel	4F
T.077.110.0350.A	7,7	1,10	35,0	0,2492	59,5	7,024	music wire	4E
T.077.110.0350.I	7,7	1,10	35,0	0,2140	59,6	6,059	stainless steel	4F
T.077.110.0380.A	7,7	1,10	38,0	0,2203	65,7	7,024	music wire	4E
T.077.110.0380.I	7,7	1,10	38,0	0,1893	65,9	6,059	stainless steel	4F
T.077.110.0450.A	7,7	1,10	45,0	0,1735	80,2	7,024	music wire	4E
T.077.110.0450.I	7,7	1,10	45,0	0,1490	80,4	6,059	stainless steel	4F
T.077.110.0570.A	7,7	1,10	57,0	0,1271	105,1	7,024	music wire	4F
T.077.110.0570.I	7,7	1,10	57,0	0,1092	105,3	6,059	stainless steel	4F
T.077.110.0700.A	7,7	1,10	70,0	0,0986	132,0	7,024	music wire	4F
T.077.110.0700.I	7,7	1,10	70,0	0,0847	132,3	6,059	stainless steel	4F
T.077.110.0760.A	7,7	1,10	76,0	0,0893	144,4	7,024	music wire	4F
T.077.110.0760.I	7,7	1,10	76,0	0,0767	144,7	6,059	stainless steel	4F
T.077.110.1000.A	7,7	1,10	100,0	0,0649	194,2	7,030	music wire	4F
T.077.110.1000.I	7,7	1,10	100,0	0,0558	190,2	5,817	stainless steel	4G
T.077.110.2000.A	7,7	1,10	200,0	0,0304	401,3	7,030	music wire	4G
T.077.110.2000.I	7,7	1,10	200,0	0,0261	392,8	5,817	stainless steel	4G
T.077.125.0290.A	7,7	1,25	29,0	0,6678	41,8	9,963	music wire	4F
T.077.125.0290.I	7,7	1,25	29,0	0,5736	41,9	8,625	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.077.125.0350.A	7,7	1,25	35,0	0,4962	52,2	9,963	music wire	4F
T.077.125.0350.I	7,7	1,25	35,0	0,4262	52,3	8,625	stainless steel	4F
T.077.125.0380.A	7,7	1,25	38,0	0,4397	57,4	9,963	music wire	4F
T.077.125.0380.I	7,7	1,25	38,0	0,3777	57,6	8,625	stainless steel	4F
T.077.125.0450.A	7,7	1,25	45,0	0,3474	69,6	9,963	music wire	4F
T.077.125.0450.I	7,7	1,25	45,0	0,2984	69,8	8,625	stainless steel	4F
T.077.125.0570.A	7,7	1,25	57,0	0,2555	90,4	9,963	music wire	4F
T.077.125.0570.I	7,7	1,25	57,0	0,2194	90,7	8,625	stainless steel	4F
T.077.125.0700.A	7,7	1,25	70,0	0,1986	113,0	9,963	music wire	4F
T.077.125.0700.I	7,7	1,25	70,0	0,1705	113,4	8,625	stainless steel	4F
T.077.125.0760.A	7,7	1,25	76,0	0,1800	123,4	9,963	music wire	4F
T.077.125.0760.I	7,7	1,25	76,0	0,1546	123,8	8,625	stainless steel	4G
T.077.125.1000.A	7,7	1,25	100,0	0,1311	165,3	9,983	music wire	4F
T.077.125.1000.I	7,7	1,25	100,0	0,1126	162,6	8,280	stainless steel	4G
T.077.125.2200.A	7,7	1,25	220,0	0,0556	373,9	9,983	music wire	4G
T.077.125.2200.I	7,7	1,25	220,0	0,0478	367,6	8,280	stainless steel	4G
T.078.080.0225.A	7,8	0,80	22,5	0,1047	47,2	2,869	music wire	4C
T.078.080.0225.I	7,8	0,80	22,5	0,0900	47,1	2,455	stainless steel	4C
T.078.090.0191.A	7,8	0,90	19,1	0,2949	31,1	3,980	music wire	4E
T.078.090.0191.I	7,8	0,90	19,1	0,2533	30,6	3,282	stainless steel	4E
T.078.112.0191.A	7,8	1,12	19,1	0,8816	26,3	7,301	music wire	4E
T.078.112.0191.I	7,8	1,12	19,1	0,7572	26,0	6,044	stainless steel	4F
T.079.050.0380.A	7,9	0,50	38,0	0,0033	255,9	0,754	music wire	4C
T.079.050.0380.I	7,9	0,50	38,0	0,0028	252,7	0,639	stainless steel	4C
T.079.050.0480.A	7,9	0,50	48,0	0,0023	357,8	0,754	music wire	4C
T.079.050.0480.I	7,9	0,50	48,0	0,0020	353,3	0,639	stainless steel	4C
T.079.056.0380.A	7,9	0,56	38,0	0,0059	203,0	1,039	music wire	4C
T.079.056.0380.I	7,9	0,56	38,0	0,0051	201,0	0,882	stainless steel	4C
T.079.056.0640.A	7,9	0,56	64,0	0,0028	408,6	1,039	music wire	4C
T.079.056.0640.I	7,9	0,56	64,0	0,0024	404,5	0,882	stainless steel	4C
T.079.065.0250.A	7,9	0,65	25,0	0,0278	77,7	1,583	music wire	4C
T.079.065.0250.I	7,9	0,65	25,0	0,0239	77,2	1,347	stainless steel	4C
T.079.065.0380.A	7,9	0,65	38,0	0,0128	152,1	1,583	music wire	4C
T.079.065.0380.I	7,9	0,65	38,0	0,0110	151,1	1,347	stainless steel	4C
T.079.065.0480.A	7,9	0,65	48,0	0,0091	209,3	1,583	music wire	4C
T.079.065.0480.I	7,9	0,65	48,0	0,0078	207,9	1,347	stainless steel	4C
T.079.065.0600.A	7,9	0,65	60,0	0,0067	277,9	1,583	music wire	4C
T.079.065.0600.I	7,9	0,65	60,0	0,0058	276,1	1,347	stainless steel	4C
T.079.070.0250.A	7,9	0,70	25,0	0,0406	69,1	1,949	music wire	4C
T.079.070.0250.I	7,9	0,70	25,0	0,0349	68,7	1,662	stainless steel	4C
T.079.070.0430.A	7,9	0,70	43,0	0,0157	157,2	1,949	music wire	4C
T.079.070.0430.I	7,9	0,70	43,0	0,0134	156,4	1,662	stainless steel	4C
T.079.070.0460.A	7,9	0,70	46,0	0,0142	171,9	1,949	music wire	4C
T.079.070.0460.I	7,9	0,70	46,0	0,0122	171,1	1,662	stainless steel	4C
T.079.070.0500.A	7,9	0,70	50,0	0,0126	191,5	1,949	music wire	4C
T.079.070.0500.I	7,9	0,70	50,0	0,0109	190,5	1,662	stainless steel	4C
T.079.070.0620.A	7,9	0,70	62,0	0,0095	250,3	1,949	music wire	4C
T.079.070.0620.I	7,9	0,70	62,0	0,0082	249,0	1,662	stainless steel	4C
T.079.070.0760.A	7,9	0,70	76,0	0,0074	318,9	1,949	music wire	4C
T.079.070.0760.I	7,9	0,70	76,0	0,0063	317,2	1,662	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.079.075.0290.A	7,9	0,75	29,0	0,0428	79,3	2,366	music wire	4C
T.079.075.0290.I	7,9	0,75	29,0	0,0368	79,0	2,021	stainless steel	4C
T.079.075.0320.A	7,9	0,75	32,0	0,0358	92,1	2,366	music wire	4C
T.079.075.0320.I	7,9	0,75	32,0	0,0308	91,8	2,021	stainless steel	4C
T.079.075.0350.A	7,9	0,75	35,0	0,0308	104,8	2,366	music wire	4C
T.079.075.0350.I	7,9	0,75	35,0	0,0265	104,5	2,021	stainless steel	4C
T.079.075.0380.A	7,9	0,75	38,0	0,0271	117,6	2,366	music wire	4C
T.079.075.0380.I	7,9	0,75	38,0	0,0232	117,2	2,021	stainless steel	4C
T.079.075.0450.A	7,9	0,75	45,0	0,0210	147,4	2,366	music wire	4C
T.079.075.0450.I	7,9	0,75	45,0	0,0181	146,9	2,021	stainless steel	4C
T.079.075.0500.A	7,9	0,75	50,0	0,0181	168,7	2,366	music wire	4C
T.079.075.0500.I	7,9	0,75	50,0	0,0156	168,0	2,021	stainless steel	4C
T.079.075.0570.A	7,9	0,75	57,0	0,0152	198,5	2,366	music wire	4C
T.079.075.0570.I	7,9	0,75	57,0	0,0131	197,7	2,021	stainless steel	4C
T.079.075.0640.A	7,9	0,75	64,0	0,0131	228,3	2,366	music wire	4C
T.079.075.0640.I	7,9	0,75	64,0	0,0113	227,4	2,021	stainless steel	4C
T.079.075.0760.A	7,9	0,75	76,0	0,0106	279,3	2,366	music wire	4C
T.079.075.0760.I	7,9	0,75	76,0	0,0091	278,2	2,021	stainless steel	4D
T.079.080.0540.A	7,9	0,80	54,0	0,0230	165,5	2,834	music wire	4C
T.079.080.0540.I	7,9	0,80	54,0	0,0197	165,1	2,425	stainless steel	4C
T.079.080.0670.A	7,9	0,80	67,0	0,0174	214,2	2,834	music wire	4C
T.079.080.0670.I	7,9	0,80	67,0	0,0149	213,6	2,425	stainless steel	4D
T.079.080.1270.A	7,9	0,80	127,0	0,0082	438,9	2,834	music wire	4D
T.079.080.1270.I	7,9	0,80	127,0	0,0071	437,8	2,425	stainless steel	4D
T.079.090.0240.A	7,9	0,90	24,0	0,1609	45,8	3,937	music wire	4E
T.079.090.0240.I	7,9	0,90	24,0	0,1382	45,8	3,378	stainless steel	4E
T.079.090.0400.A	7,9	0,90	40,0	0,0652	93,9	3,937	music wire	4E
T.079.090.0400.I	7,9	0,90	40,0	0,0560	93,8	3,378	stainless steel	4E
T.079.090.0550.A	7,9	0,90	55,0	0,0419	138,9	3,937	music wire	4E
T.079.090.0550.I	7,9	0,90	55,0	0,0360	138,8	3,378	stainless steel	4E
T.079.100.0350.A	7,9	1,00	35,0	0,1397	68,3	5,274	music wire	4E
T.079.100.0350.I	7,9	1,00	35,0	0,1200	68,4	4,538	stainless steel	4E
T.079.100.0450.A	7,9	1,00	45,0	0,0963	93,3	5,274	music wire	4E
T.079.100.0450.I	7,9	1,00	45,0	0,0827	93,4	4,538	stainless steel	4E
T.079.100.0570.A	7,9	1,00	57,0	0,0700	123,3	5,274	music wire	4E
T.079.100.0570.I	7,9	1,00	57,0	0,0603	123,4	4,538	stainless steel	4E
T.079.100.0640.A	7,9	1,00	64,0	0,0606	140,8	5,274	music wire	4E
T.079.100.0640.I	7,9	1,00	64,0	0,0520	140,9	4,538	stainless steel	4E
T.079.100.0700.A	7,9	1,00	70,0	0,0542	155,8	5,274	music wire	4E
T.079.100.0700.I	7,9	1,00	70,0	0,0466	155,9	4,538	stainless steel	4E
T.079.100.0830.A	7,9	1,00	83,0	0,0442	188,3	5,274	music wire	4E
T.079.100.0830.I	7,9	1,00	83,0	0,0379	188,5	4,538	stainless steel	4E
T.079.100.1000.A	7,9	1,00	100,0	0,0356	230,8	5,274	music wire	4E
T.079.100.1000.I	7,9	1,00	100,0	0,0305	231,0	4,538	stainless steel	4E
T.079.100.1750.A	7,9	1,00	175,0	0,0191	418,2	5,274	music wire	4E
T.079.100.1750.I	7,9	1,00	175,0	0,0164	418,7	4,538	stainless steel	4F
T.079.112.0640.A	7,9	1,12	64,0	0,1117	120,2	7,210	music wire	4F
T.079.112.0640.I	7,9	1,12	64,0	0,0960	120,5	6,223	stainless steel	4F
T.079.120.0370.A	7,9	1,20	37,0	0,3399	59,1	8,711	music wire	4F
T.079.120.0370.I	7,9	1,20	37,0	0,2919	59,3	7,533	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.079.120.0380.A	7,9	1,20	38,0	0,3267	61,0	8,711	music wire	4F
T.079.120.0380.I	7,9	1,20	38,0	0,2806	61,2	7,533	stainless steel	4F
T.079.120.0920.A	7,9	1,20	92,0	0,1056	163,3	8,711	music wire	4F
T.079.120.0920.I	7,9	1,20	92,0	0,0907	163,7	7,533	stainless steel	4G
T.079.140.0250.A	7,9	1,40	25,0	1,4889	32,5	13,240	music wire	4G
T.079.140.0250.I	7,9	1,40	25,0	1,2788	32,6	11,500	stainless steel	4H
T.079.140.0290.A	7,9	1,40	29,0	1,1466	38,8	13,240	music wire	4G
T.079.140.0290.I	7,9	1,40	29,0	0,9848	38,9	11,500	stainless steel	4H
T.079.140.0350.A	7,9	1,40	35,0	0,8526	48,2	13,240	music wire	4G
T.079.140.0350.I	7,9	1,40	35,0	0,7323	48,3	11,500	stainless steel	4H
T.080.050.0167.A	8,0	0,50	16,7	0,0343	37,5	0,745	music wire	4C
T.080.050.0167.I	8,0	0,50	16,7	0,0295	37,2	0,631	stainless steel	4C
T.080.050.0222.A	8,0	0,50	22,2	0,0098	95,1	0,745	music wire	4C
T.080.050.0222.I	8,0	0,50	22,2	0,0084	94,1	0,631	stainless steel	4C
T.080.050.0332.A	8,0	0,50	33,2	0,0040	210,3	0,745	music wire	4C
T.080.050.0332.I	8,0	0,50	33,2	0,0035	207,7	0,631	stainless steel	4C
T.080.050.0442.A	8,0	0,50	44,2	0,0025	325,5	0,745	music wire	4C
T.080.050.0442.I	8,0	0,50	44,2	0,0022	321,4	0,631	stainless steel	4C
T.080.050.0552.A	8,0	0,50	55,2	0,0019	440,7	0,745	music wire	4C
T.080.050.0552.I	8,0	0,50	55,2	0,0016	435,1	0,631	stainless steel	4C
T.080.060.0191.A	8,0	0,60	19,1	0,0397	48,4	1,242	music wire	4C
T.080.060.0191.I	8,0	0,60	19,1	0,0341	46,9	1,018	stainless steel	4C
T.080.060.0200.A	8,0	0,60	20,0	0,0337	54,7	1,248	music wire	4C
T.080.060.0200.I	8,0	0,60	20,0	0,0290	54,3	1,060	stainless steel	4C
T.080.060.0220.A	8,0	0,60	22,0	0,0251	68,4	1,242	music wire	4C
T.080.060.0220.I	8,0	0,60	22,0	0,0215	66,1	1,018	stainless steel	4C
T.080.060.0224.A	8,0	0,60	22,4	0,0238	71,3	1,242	music wire	4C
T.080.060.0224.I	8,0	0,60	22,4	0,0204	68,9	1,018	stainless steel	4C
T.080.060.0250.A	8,0	0,60	25,0	0,0181	89,5	1,248	music wire	4C
T.080.060.0250.I	8,0	0,60	25,0	0,0155	88,9	1,060	stainless steel	4C
T.080.060.0254.A	8,0	0,60	25,4	0,0174	92,2	1,242	music wire	4C
T.080.060.0254.I	8,0	0,60	25,4	0,0150	88,9	1,018	stainless steel	4C
T.080.060.0284.A	8,0	0,60	28,4	0,0137	113,0	1,242	music wire	4C
T.080.060.0284.I	8,0	0,60	28,4	0,0118	108,9	1,018	stainless steel	4C
T.080.060.0318.A	8,0	0,60	31,8	0,0111	136,4	1,242	music wire	4C
T.080.060.0318.I	8,0	0,60	31,8	0,0096	131,3	1,018	stainless steel	4C
T.080.060.0320.A	8,0	0,60	32,0	0,0110	138,4	1,248	music wire	4C
T.080.060.0320.I	8,0	0,60	32,0	0,0094	137,2	1,060	stainless steel	4C
T.080.060.0348.A	8,0	0,60	34,8	0,0095	157,3	1,242	music wire	4C
T.080.060.0348.I	8,0	0,60	34,8	0,0082	151,3	1,018	stainless steel	4C
T.080.060.0380.A	8,0	0,60	38,0	0,0082	179,7	1,242	music wire	4C
T.080.060.0380.I	8,0	0,60	38,0	0,0070	172,8	1,018	stainless steel	4C
T.080.060.0381.A	8,0	0,60	38,1	0,0082	180,2	1,242	music wire	4C
T.080.060.0381.I	8,0	0,60	38,1	0,0070	173,3	1,018	stainless steel	4C
T.080.060.0400.A	8,0	0,60	40,0	0,0076	194,2	1,248	music wire	4C
T.080.060.0400.I	8,0	0,60	40,0	0,0065	192,5	1,060	stainless steel	4C
T.080.060.0444.A	8,0	0,60	44,4	0,0065	224,0	1,242	music wire	4C
T.080.060.0444.I	8,0	0,60	44,4	0,0056	215,2	1,018	stainless steel	4C
T.080.060.0500.A	8,0	0,60	50,0	0,0055	263,9	1,248	music wire	4C
T.080.060.0500.I	8,0	0,60	50,0	0,0047	261,7	1,060	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.060.0508.A	8,0	0,60	50,8	0,0053	268,6	1,242	music wire	4C
T.080.060.0508.I	8,0	0,60	50,8	0,0046	258,0	1,018	stainless steel	4C
T.080.060.0572.A	8,0	0,60	57,2	0,0045	313,2	1,242	music wire	4C
T.080.060.0572.I	8,0	0,60	57,2	0,0039	300,7	1,018	stainless steel	4C
T.080.060.0630.A	8,0	0,60	63,0	0,0040	354,6	1,248	music wire	4C
T.080.060.0630.I	8,0	0,60	63,0	0,0034	351,5	1,060	stainless steel	4C
T.080.060.0635.A	8,0	0,60	63,5	0,0040	357,0	1,242	music wire	4C
T.080.060.0635.I	8,0	0,60	63,5	0,0034	342,7	1,018	stainless steel	4C
T.080.060.0800.A	8,0	0,60	80,0	0,0030	473,2	1,248	music wire	4C
T.080.060.0800.I	8,0	0,60	80,0	0,0026	469,1	1,060	stainless steel	4C
T.080.060.1000.A	8,0	0,60	100,0	0,0023	612,7	1,248	music wire	4C
T.080.060.1000.I	8,0	0,60	100,0	0,0020	607,3	1,060	stainless steel	4D
T.080.060.3600.A	8,0	0,60	360,0	0,0006	2426,5	1,248	music wire	4E
T.080.060.3600.I	8,0	0,60	360,0	0,0005	2404,8	1,060	stainless steel	4E
T.080.065.0250.A	8,0	0,65	25,0	0,0272	78,3	1,563	music wire	4C
T.080.065.0250.I	8,0	0,65	25,0	0,0234	77,8	1,331	stainless steel	4C
T.080.065.0254.A	8,0	0,65	25,4	0,0262	80,6	1,558	music wire	4C
T.080.065.0254.I	8,0	0,65	25,4	0,0225	77,9	1,278	stainless steel	4C
T.080.065.0320.A	8,0	0,65	32,0	0,0166	119,4	1,563	music wire	4C
T.080.065.0320.I	8,0	0,65	32,0	0,0142	118,6	1,331	stainless steel	4C
T.080.065.0370.A	8,0	0,65	37,0	0,0130	148,7	1,563	music wire	4C
T.080.065.0370.I	8,0	0,65	37,0	0,0111	147,8	1,331	stainless steel	4C
T.080.065.0380.A	8,0	0,65	38,0	0,0124	154,6	1,563	music wire	4C
T.080.065.0380.I	8,0	0,65	38,0	0,0107	153,6	1,331	stainless steel	4C
T.080.065.0470.A	8,0	0,65	47,0	0,0090	207,4	1,563	music wire	4C
T.080.065.0470.I	8,0	0,65	47,0	0,0078	206,0	1,331	stainless steel	4C
T.080.065.0640.A	8,0	0,65	64,0	0,0060	307,2	1,563	music wire	4C
T.080.065.0640.I	8,0	0,65	64,0	0,0051	305,1	1,331	stainless steel	4C
T.080.070.0183.A	8,0	0,70	18,3	0,1000	36,0	1,926	music wire	4C
T.080.070.0183.I	8,0	0,70	18,3	0,0859	35,9	1,643	stainless steel	4C
T.080.070.0198.A	8,0	0,70	19,8	0,0749	43,4	1,920	music wire	4C
T.080.070.0198.I	8,0	0,70	19,8	0,0643	42,3	1,577	stainless steel	4C
T.080.070.0200.A	8,0	0,70	20,0	0,0722	44,5	1,926	music wire	4C
T.080.070.0200.I	8,0	0,70	20,0	0,0620	44,4	1,643	stainless steel	4C
T.080.070.0225.A	8,0	0,70	22,5	0,0512	57,1	1,926	music wire	4C
T.080.070.0225.I	8,0	0,70	22,5	0,0440	56,8	1,643	stainless steel	4C
T.080.070.0240.A	8,0	0,70	24,0	0,0437	64,4	1,920	music wire	4C
T.080.070.0240.I	8,0	0,70	24,0	0,0375	62,5	1,577	stainless steel	4C
T.080.070.0250.A	8,0	0,70	25,0	0,0397	69,6	1,926	music wire	4C
T.080.070.0250.I	8,0	0,70	25,0	0,0341	69,3	1,643	stainless steel	4C
T.080.070.0288.A	8,0	0,70	28,8	0,0295	88,7	1,926	music wire	4C
T.080.070.0288.I	8,0	0,70	28,8	0,0254	88,3	1,643	stainless steel	4C
T.080.070.0310.A	8,0	0,70	31,0	0,0258	99,5	1,920	music wire	4C
T.080.070.0310.I	8,0	0,70	31,0	0,0221	96,2	1,577	stainless steel	4C
T.080.070.0320.A	8,0	0,70	32,0	0,0243	104,8	1,926	music wire	4C
T.080.070.0320.I	8,0	0,70	32,0	0,0209	104,3	1,643	stainless steel	4C
T.080.070.0350.A	8,0	0,70	35,0	0,0209	119,8	1,926	music wire	4C
T.080.070.0350.I	8,0	0,70	35,0	0,0179	119,2	1,643	stainless steel	4C
T.080.070.0360.A	8,0	0,70	36,0	0,0199	124,7	1,920	music wire	4C
T.080.070.0360.I	8,0	0,70	36,0	0,0171	120,5	1,577	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.070.0393.A	8,0	0,70	39,3	0,0173	141,4	1,926	music wire	4C
T.080.070.0393.I	8,0	0,70	39,3	0,0149	140,7	1,643	stainless steel	4C
T.080.070.0400.A	8,0	0,70	40,0	0,0169	144,9	1,926	music wire	4C
T.080.070.0400.I	8,0	0,70	40,0	0,0145	144,2	1,643	stainless steel	4C
T.080.070.0410.A	8,0	0,70	41,0	0,0162	149,6	1,920	music wire	4C
T.080.070.0410.I	8,0	0,70	41,0	0,0140	144,5	1,577	stainless steel	4C
T.080.070.0485.A	8,0	0,70	48,5	0,0127	187,1	1,920	music wire	4C
T.080.070.0485.I	8,0	0,70	48,5	0,0109	180,6	1,577	stainless steel	4C
T.080.070.0500.A	8,0	0,70	50,0	0,0122	195,1	1,926	music wire	4C
T.080.070.0500.I	8,0	0,70	50,0	0,0105	194,1	1,643	stainless steel	4C
T.080.070.0533.A	8,0	0,70	53,3	0,0112	211,7	1,926	music wire	4C
T.080.070.0533.I	8,0	0,70	53,3	0,0096	210,6	1,643	stainless steel	4C
T.080.070.0550.A	8,0	0,70	55,0	0,0107	219,7	1,920	music wire	4C
T.080.070.0550.I	8,0	0,70	55,0	0,0092	211,9	1,577	stainless steel	4C
T.080.070.0630.A	8,0	0,70	63,0	0,0090	260,4	1,926	music wire	4C
T.080.070.0630.I	8,0	0,70	63,0	0,0077	259,0	1,643	stainless steel	4C
T.080.070.0800.A	8,0	0,70	80,0	0,0067	345,8	1,926	music wire	4C
T.080.070.0800.I	8,0	0,70	80,0	0,0057	343,9	1,643	stainless steel	4D
T.080.070.1000.A	8,0	0,70	100,0	0,0051	446,2	1,926	music wire	4C
T.080.070.1000.I	8,0	0,70	100,0	0,0044	443,8	1,643	stainless steel	4D
T.080.070.1030.A	8,0	0,70	103,0	0,0049	460,2	1,920	music wire	4C
T.080.070.1030.I	8,0	0,70	103,0	0,0042	443,3	1,577	stainless steel	4D
T.080.070.1500.A	8,0	0,70	150,0	0,0032	695,5	1,920	music wire	4D
T.080.070.1500.I	8,0	0,70	150,0	0,0028	669,7	1,577	stainless steel	4D
T.080.070.1520.A	8,0	0,70	152,0	0,0032	705,6	1,920	music wire	4D
T.080.070.1520.I	8,0	0,70	152,0	0,0027	679,4	1,577	stainless steel	4D
T.080.070.2030.A	8,0	0,70	203,0	0,0023	960,9	1,920	music wire	4D
T.080.070.2030.I	8,0	0,70	203,0	0,0020	925,0	1,577	stainless steel	4E
T.080.070.3600.A	8,0	0,70	360,0	0,0013	1751,6	1,926	music wire	4E
T.080.070.3600.I	8,0	0,70	360,0	0,0011	1741,9	1,643	stainless steel	4E
T.080.075.0220.A	8,0	0,75	22,0	0,0769	49,6	2,332	music wire	4C
T.080.075.0220.I	8,0	0,75	22,0	0,0660	48,4	1,917	stainless steel	4C
T.080.075.0224.A	8,0	0,75	22,4	0,0736	51,3	2,332	music wire	4C
T.080.075.0224.I	8,0	0,75	22,4	0,0632	49,9	1,917	stainless steel	4C
T.080.075.0254.A	8,0	0,75	25,4	0,0546	64,3	2,332	music wire	4C
T.080.075.0254.I	8,0	0,75	25,4	0,0469	62,5	1,917	stainless steel	4C
T.080.075.0284.A	8,0	0,75	28,4	0,0434	77,4	2,332	music wire	4C
T.080.075.0284.I	8,0	0,75	28,4	0,0373	75,1	1,917	stainless steel	4C
T.080.075.0290.A	8,0	0,75	29,0	0,0416	80,2	2,337	music wire	4C
T.080.075.0290.I	8,0	0,75	29,0	0,0357	79,9	1,997	stainless steel	4C
T.080.075.0318.A	8,0	0,75	31,8	0,0351	92,4	2,332	music wire	4C
T.080.075.0318.I	8,0	0,75	31,8	0,0301	89,5	1,917	stainless steel	4C
T.080.075.0348.A	8,0	0,75	34,8	0,0301	105,4	2,332	music wire	4C
T.080.075.0348.I	8,0	0,75	34,8	0,0259	102,1	1,917	stainless steel	4C
T.080.075.0381.A	8,0	0,75	38,1	0,0260	119,8	2,332	music wire	4C
T.080.075.0381.I	8,0	0,75	38,1	0,0224	116,0	1,917	stainless steel	4C
T.080.075.0444.A	8,0	0,75	44,4	0,0207	147,2	2,332	music wire	4C
T.080.075.0444.I	8,0	0,75	44,4	0,0178	142,4	1,917	stainless steel	4C
T.080.075.0480.A	8,0	0,75	48,0	0,0185	162,8	2,332	music wire	4C
T.080.075.0480.I	8,0	0,75	48,0	0,0159	157,5	1,917	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.075.0508.A	8,0	0,75	50,8	0,0171	174,9	2,332	music wire	4C
T.080.075.0508.I	8,0	0,75	50,8	0,0147	169,1	1,917	stainless steel	4C
T.080.075.0572.A	8,0	0,75	57,2	0,0146	202,7	2,332	music wire	4C
T.080.075.0572.I	8,0	0,75	57,2	0,0125	195,9	1,917	stainless steel	4C
T.080.075.0635.A	8,0	0,75	63,5	0,0128	230,1	2,332	music wire	4C
T.080.075.0635.I	8,0	0,75	63,5	0,0110	222,3	1,917	stainless steel	4C
T.080.075.0698.A	8,0	0,75	69,8	0,0113	257,5	2,332	music wire	4C
T.080.075.0698.I	8,0	0,75	69,8	0,0097	248,8	1,917	stainless steel	4D
T.080.075.0700.A	8,0	0,75	70,0	0,0113	258,5	2,332	music wire	4C
T.080.075.0700.I	8,0	0,75	70,0	0,0097	249,7	1,917	stainless steel	4D
T.080.075.0762.A	8,0	0,75	76,2	0,0102	285,5	2,332	music wire	4C
T.080.075.0762.I	8,0	0,75	76,2	0,0087	275,8	1,917	stainless steel	4D
T.080.075.0889.A	8,0	0,75	88,9	0,0084	340,7	2,332	music wire	4C
T.080.075.0889.I	8,0	0,75	88,9	0,0073	328,9	1,917	stainless steel	4D
T.080.075.0890.A	8,0	0,75	89,0	0,0084	341,0	2,332	music wire	4C
T.080.075.0890.I	8,0	0,75	89,0	0,0072	329,3	1,917	stainless steel	4D
T.080.075.1016.A	8,0	0,75	101,6	0,0072	395,8	2,332	music wire	4C
T.080.075.1016.I	8,0	0,75	101,6	0,0062	382,1	1,917	stainless steel	4D
T.080.075.1020.A	8,0	0,75	102,0	0,0072	397,8	2,332	music wire	4C
T.080.075.1020.I	8,0	0,75	102,0	0,0062	384,0	1,917	stainless steel	4D
T.080.075.1143.A	8,0	0,75	114,3	0,0063	451,3	2,332	music wire	4C
T.080.075.1143.I	8,0	0,75	114,3	0,0054	435,6	1,917	stainless steel	4D
T.080.075.1150.A	8,0	0,75	115,0	0,0063	454,2	2,332	music wire	4C
T.080.075.1150.I	8,0	0,75	115,0	0,0054	438,4	1,917	stainless steel	4D
T.080.075.1520.A	8,0	0,75	152,0	0,0046	616,3	2,337	music wire	4D
T.080.075.1520.I	8,0	0,75	152,0	0,0039	613,9	1,997	stainless steel	4D
T.080.080.0200.A	8,0	0,80	20,0	0,1397	38,1	2,800	music wire	4C
T.080.080.0200.I	8,0	0,80	20,0	0,1200	38,1	2,396	stainless steel	4C
T.080.080.0220.A	8,0	0,80	22,0	0,1065	45,8	2,795	music wire	4C
T.080.080.0220.I	8,0	0,80	22,0	0,0914	44,7	2,300	stainless steel	4C
T.080.080.0240.A	8,0	0,80	24,0	0,0860	53,5	2,800	music wire	4C
T.080.080.0240.I	8,0	0,80	24,0	0,0739	53,4	2,396	stainless steel	4C
T.080.080.0250.A	8,0	0,80	25,0	0,0785	57,3	2,800	music wire	4C
T.080.080.0250.I	8,0	0,80	25,0	0,0674	57,2	2,396	stainless steel	4C
T.080.080.0265.A	8,0	0,80	26,5	0,0693	63,1	2,800	music wire	4C
T.080.080.0265.I	8,0	0,80	26,5	0,0595	62,9	2,396	stainless steel	4C
T.080.080.0320.A	8,0	0,80	32,0	0,0486	84,1	2,800	music wire	4C
T.080.080.0320.I	8,0	0,80	32,0	0,0417	83,9	2,396	stainless steel	4C
T.080.080.0400.A	8,0	0,80	40,0	0,0339	114,8	2,800	music wire	4C
T.080.080.0400.I	8,0	0,80	40,0	0,0291	114,5	2,396	stainless steel	4C
T.080.080.0500.A	8,0	0,80	50,0	0,0246	153,1	2,800	music wire	4C
T.080.080.0500.I	8,0	0,80	50,0	0,0211	152,8	2,396	stainless steel	4C
T.080.080.0600.A	8,0	0,80	60,0	0,0193	191,5	2,800	music wire	4C
T.080.080.0600.I	8,0	0,80	60,0	0,0166	191,0	2,396	stainless steel	4C
T.080.080.0630.A	8,0	0,80	63,0	0,0181	203,0	2,800	music wire	4C
T.080.080.0630.I	8,0	0,80	63,0	0,0156	202,5	2,396	stainless steel	4D
T.080.080.0700.A	8,0	0,80	70,0	0,0159	229,8	2,800	music wire	4C
T.080.080.0700.I	8,0	0,80	70,0	0,0136	229,2	2,396	stainless steel	4D
T.080.080.0800.A	8,0	0,80	80,0	0,0135	268,1	2,800	music wire	4C
T.080.080.0800.I	8,0	0,80	80,0	0,0116	267,4	2,396	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.080.1000.A	8,0	0,80	100,0	0,0104	344,8	2,800	music wire	4C
T.080.080.1000.I	8,0	0,80	100,0	0,0089	343,9	2,396	stainless steel	4D
T.080.080.1150.A	8,0	0,80	115,0	0,0088	401,9	2,795	music wire	4D
T.080.080.1150.I	8,0	0,80	115,0	0,0076	388,7	2,300	stainless steel	4D
T.080.080.2030.A	8,0	0,80	203,0	0,0047	738,5	2,795	music wire	4D
T.080.080.2030.I	8,0	0,80	203,0	0,0041	713,9	2,300	stainless steel	4E
T.080.080.3600.A	8,0	0,80	360,0	0,0026	1341,5	2,800	music wire	4E
T.080.080.3600.I	8,0	0,80	360,0	0,0022	1337,9	2,396	stainless steel	4E
T.080.085.0318.A	8,0	0,85	31,8	0,0674	76,0	3,313	music wire	4C
T.080.085.0318.I	8,0	0,85	31,8	0,0579	74,0	2,729	stainless steel	4C
T.080.085.0348.A	8,0	0,85	34,8	0,0580	86,2	3,313	music wire	4C
T.080.085.0348.I	8,0	0,85	34,8	0,0498	83,8	2,729	stainless steel	4C
T.080.085.0380.A	8,0	0,85	38,0	0,0503	97,1	3,313	music wire	4C
T.080.085.0380.I	8,0	0,85	38,0	0,0432	94,5	2,729	stainless steel	4C
T.080.085.0381.A	8,0	0,85	38,1	0,0502	97,5	3,313	music wire	4C
T.080.085.0381.I	8,0	0,85	38,1	0,0431	94,8	2,729	stainless steel	4C
T.080.085.0444.A	8,0	0,85	44,4	0,0400	118,9	3,313	music wire	4C
T.080.085.0444.I	8,0	0,85	44,4	0,0343	115,5	2,729	stainless steel	4C
T.080.085.0508.A	8,0	0,85	50,8	0,0331	140,6	3,313	music wire	4C
T.080.085.0508.I	8,0	0,85	50,8	0,0285	136,6	2,729	stainless steel	4C
T.080.085.0572.A	8,0	0,85	57,2	0,0282	162,6	3,313	music wire	4C
T.080.085.0572.I	8,0	0,85	57,2	0,0243	157,8	2,729	stainless steel	4C
T.080.090.0200.A	8,0	0,90	20,0	0,2509	33,9	3,890	music wire	4E
T.080.090.0200.I	8,0	0,90	20,0	0,2155	33,8	3,339	stainless steel	4E
T.080.090.0250.A	8,0	0,90	25,0	0,1437	49,2	3,890	music wire	4E
T.080.090.0250.I	8,0	0,90	25,0	0,1234	49,2	3,339	stainless steel	4E
T.080.090.0318.A	8,0	0,90	31,8	0,0907	70,1	3,887	music wire	4E
T.080.090.0318.I	8,0	0,90	31,8	0,0779	68,4	3,205	stainless steel	4E
T.080.090.0320.A	8,0	0,90	32,0	0,0900	70,7	3,890	music wire	4E
T.080.090.0320.I	8,0	0,90	32,0	0,0772	70,6	3,339	stainless steel	4E
T.080.090.0348.A	8,0	0,90	34,8	0,0781	79,2	3,887	music wire	4E
T.080.090.0348.I	8,0	0,90	34,8	0,0671	77,2	3,205	stainless steel	4E
T.080.090.0380.A	8,0	0,90	38,0	0,0682	88,9	3,887	music wire	4E
T.080.090.0380.I	8,0	0,90	38,0	0,0585	86,7	3,205	stainless steel	4E
T.080.090.0400.A	8,0	0,90	40,0	0,0630	95,2	3,890	music wire	4E
T.080.090.0400.I	8,0	0,90	40,0	0,0541	95,2	3,339	stainless steel	4E
T.080.090.0410.A	8,0	0,90	41,0	0,0606	98,3	3,887	music wire	4E
T.080.090.0410.I	8,0	0,90	41,0	0,0521	95,7	3,205	stainless steel	4E
T.080.090.0430.A	8,0	0,90	43,0	0,0566	104,4	3,890	music wire	4E
T.080.090.0430.I	8,0	0,90	43,0	0,0486	104,4	3,339	stainless steel	4E
T.080.090.0450.A	8,0	0,90	45,0	0,0530	110,5	3,890	music wire	4E
T.080.090.0450.I	8,0	0,90	45,0	0,0455	110,5	3,339	stainless steel	4E
T.080.090.0500.A	8,0	0,90	50,0	0,0458	125,9	3,890	music wire	4E
T.080.090.0500.I	8,0	0,90	50,0	0,0393	125,8	3,339	stainless steel	4E
T.080.090.0508.A	8,0	0,90	50,8	0,0448	128,3	3,887	music wire	4E
T.080.090.0508.I	8,0	0,90	50,8	0,0385	124,9	3,205	stainless steel	4E
T.080.090.0572.A	8,0	0,90	57,2	0,0383	147,9	3,887	music wire	4E
T.080.090.0572.I	8,0	0,90	57,2	0,0329	143,9	3,205	stainless steel	4E
T.080.090.0620.A	8,0	0,90	62,0	0,0345	162,7	3,890	music wire	4E
T.080.090.0620.I	8,0	0,90	62,0	0,0296	162,6	3,339	stainless steel	4E



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.090.0630.A	8,0	0,90	63,0	0,0338	165,8	3,890	music wire	4E
T.080.090.0630.I	8,0	0,90	63,0	0,0290	165,7	3,339	stainless steel	4E
T.080.090.0635.A	8,0	0,90	63,5	0,0335	167,2	3,887	music wire	4E
T.080.090.0635.I	8,0	0,90	63,5	0,0287	162,6	3,205	stainless steel	4E
T.080.090.0698.A	8,0	0,90	69,8	0,0297	186,5	3,887	music wire	4E
T.080.090.0698.I	8,0	0,90	69,8	0,0255	181,3	3,205	stainless steel	4E
T.080.090.0700.A	8,0	0,90	70,0	0,0296	187,1	3,887	music wire	4E
T.080.090.0700.I	8,0	0,90	70,0	0,0255	181,9	3,205	stainless steel	4E
T.080.090.0760.A	8,0	0,90	76,0	0,0268	205,6	3,890	music wire	4E
T.080.090.0760.I	8,0	0,90	76,0	0,0230	205,5	3,339	stainless steel	4E
T.080.090.0762.A	8,0	0,90	76,2	0,0267	206,1	3,887	music wire	4E
T.080.090.0762.I	8,0	0,90	76,2	0,0229	200,3	3,205	stainless steel	4E
T.080.090.0800.A	8,0	0,90	80,0	0,0252	217,9	3,890	music wire	4E
T.080.090.0800.I	8,0	0,90	80,0	0,0216	217,8	3,339	stainless steel	4E
T.080.090.0850.A	8,0	0,90	85,0	0,0234	233,2	3,890	music wire	4E
T.080.090.0850.I	8,0	0,90	85,0	0,0201	233,1	3,339	stainless steel	4E
T.080.090.0889.A	8,0	0,90	88,9	0,0222	245,1	3,887	music wire	4E
T.080.090.0889.I	8,0	0,90	88,9	0,0191	238,1	3,205	stainless steel	4E
T.080.090.0890.A	8,0	0,90	89,0	0,0222	245,3	3,887	music wire	4E
T.080.090.0890.I	8,0	0,90	89,0	0,0191	238,4	3,205	stainless steel	4E
T.080.090.1000.A	8,0	0,90	100,0	0,0194	279,3	3,890	music wire	4E
T.080.090.1000.I	8,0	0,90	100,0	0,0167	279,1	3,339	stainless steel	4E
T.080.090.1016.A	8,0	0,90	101,6	0,0190	284,0	3,887	music wire	4E
T.080.090.1016.I	8,0	0,90	101,6	0,0164	275,8	3,205	stainless steel	4E
T.080.090.1020.A	8,0	0,90	102,0	0,0189	285,3	3,887	music wire	4E
T.080.090.1020.I	8,0	0,90	102,0	0,0163	277,1	3,205	stainless steel	4E
T.080.090.1130.A	8,0	0,90	113,0	0,0169	319,1	3,890	music wire	4E
T.080.090.1130.I	8,0	0,90	113,0	0,0145	319,0	3,339	stainless steel	4E
T.080.090.1143.A	8,0	0,90	114,3	0,0166	322,9	3,887	music wire	4E
T.080.090.1143.I	8,0	0,90	114,3	0,0143	313,6	3,205	stainless steel	4E
T.080.090.1150.A	8,0	0,90	115,0	0,0165	325,1	3,887	music wire	4E
T.080.090.1150.I	8,0	0,90	115,0	0,0142	315,7	3,205	stainless steel	4E
T.080.090.1270.A	8,0	0,90	127,0	0,0148	362,1	3,890	music wire	4E
T.080.090.1270.I	8,0	0,90	127,0	0,0127	361,9	3,339	stainless steel	4E
T.080.090.3600.A	8,0	0,90	360,0	0,0048	1076,8	3,890	music wire	4G
T.080.090.3600.I	8,0	0,90	360,0	0,0042	1076,2	3,339	stainless steel	4G
T.080.100.0200.A	8,0	1,00	20,0	0,4243	30,8	5,213	music wire	4E
T.080.100.0200.I	8,0	1,00	20,0	0,3644	30,9	4,486	stainless steel	4E
T.080.100.0220.A	8,0	1,00	22,0	0,3300	35,9	5,213	music wire	4E
T.080.100.0220.I	8,0	1,00	22,0	0,2834	35,3	4,306	stainless steel	4E
T.080.100.0250.A	8,0	1,00	25,0	0,2475	43,6	5,213	music wire	4E
T.080.100.0250.I	8,0	1,00	25,0	0,2126	43,6	4,486	stainless steel	4E
T.080.100.0300.A	8,0	1,00	30,0	0,1747	56,3	5,213	music wire	4E
T.080.100.0300.I	8,0	1,00	30,0	0,1501	56,4	4,486	stainless steel	4E
T.080.100.0320.A	8,0	1,00	32,0	0,1563	61,4	5,213	music wire	4E
T.080.100.0320.I	8,0	1,00	32,0	0,1343	61,5	4,486	stainless steel	4E
T.080.100.0380.A	8,0	1,00	38,0	0,1188	76,7	5,213	music wire	4E
T.080.100.0380.I	8,0	1,00	38,0	0,1020	75,1	4,306	stainless steel	4E
T.080.100.0400.A	8,0	1,00	40,0	0,1100	81,8	5,213	music wire	4E
T.080.100.0400.I	8,0	1,00	40,0	0,0945	81,9	4,486	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.100.0420.A	8,0	1,00	42,0	0,1024	86,9	5,213	music wire	4E
T.080.100.0420.I	8,0	1,00	42,0	0,0880	87,0	4,486	stainless steel	4E
T.080.100.0480.A	8,0	1,00	48,0	0,0849	102,2	5,213	music wire	4E
T.080.100.0480.I	8,0	1,00	48,0	0,0729	102,3	4,486	stainless steel	4E
T.080.100.0500.A	8,0	1,00	50,0	0,0803	107,3	5,213	music wire	4E
T.080.100.0500.I	8,0	1,00	50,0	0,0689	107,4	4,486	stainless steel	4E
T.080.100.0600.A	8,0	1,00	60,0	0,0632	132,8	5,213	music wire	4E
T.080.100.0600.I	8,0	1,00	60,0	0,0543	133,0	4,486	stainless steel	4E
T.080.100.0630.A	8,0	1,00	63,0	0,0594	140,5	5,213	music wire	4E
T.080.100.0630.I	8,0	1,00	63,0	0,0510	140,6	4,486	stainless steel	4E
T.080.100.0760.A	8,0	1,00	76,0	0,0471	173,6	5,213	music wire	4E
T.080.100.0760.I	8,0	1,00	76,0	0,0405	169,4	4,306	stainless steel	4E
T.080.100.0800.A	8,0	1,00	80,0	0,0443	183,8	5,213	music wire	4E
T.080.100.0800.I	8,0	1,00	80,0	0,0381	184,0	4,486	stainless steel	4E
T.080.100.1000.A	8,0	1,00	100,0	0,0341	234,8	5,213	music wire	4E
T.080.100.1000.I	8,0	1,00	100,0	0,0293	235,1	4,486	stainless steel	4E
T.080.100.1150.A	8,0	1,00	115,0	0,0291	273,1	5,213	music wire	4E
T.080.100.1150.I	8,0	1,00	115,0	0,0250	266,2	4,306	stainless steel	4E
T.080.100.3600.A	8,0	1,00	360,0	0,0086	897,7	5,213	music wire	4G
T.080.100.3600.I	8,0	1,00	360,0	0,0074	898,8	4,486	stainless steel	4G
T.080.110.0200.A	8,0	1,10	20,0	0,6842	28,7	6,783	music wire	4E
T.080.110.0200.I	8,0	1,10	20,0	0,5876	28,7	5,852	stainless steel	4F
T.080.110.0240.A	8,0	1,10	24,0	0,4420	37,4	6,783	music wire	4E
T.080.110.0240.I	8,0	1,10	24,0	0,3796	37,5	5,852	stainless steel	4F
T.080.110.0250.A	8,0	1,10	25,0	0,4060	39,6	6,783	music wire	4E
T.080.110.0250.I	8,0	1,10	25,0	0,3488	39,7	5,852	stainless steel	4F
T.080.110.0290.A	8,0	1,10	29,0	0,3064	48,3	6,783	music wire	4E
T.080.110.0290.I	8,0	1,10	29,0	0,2632	48,4	5,852	stainless steel	4F
T.080.110.0310.A	8,0	1,10	31,0	0,2735	52,7	6,789	music wire	4E
T.080.110.0310.I	8,0	1,10	31,0	0,2349	51,8	5,618	stainless steel	4F
T.080.110.0318.A	8,0	1,10	31,8	0,2609	54,5	6,789	music wire	4E
T.080.110.0318.I	8,0	1,10	31,8	0,2241	53,6	5,618	stainless steel	4F
T.080.110.0320.A	8,0	1,10	32,0	0,2588	54,9	6,783	music wire	4E
T.080.110.0320.I	8,0	1,10	32,0	0,2223	55,0	5,852	stainless steel	4F
T.080.110.0348.A	8,0	1,10	34,8	0,2259	61,1	6,789	music wire	4E
T.080.110.0348.I	8,0	1,10	34,8	0,1940	59,9	5,618	stainless steel	4F
T.080.110.0350.A	8,0	1,10	35,0	0,2240	61,5	6,783	music wire	4E
T.080.110.0350.I	8,0	1,10	35,0	0,1924	61,6	5,852	stainless steel	4F
T.080.110.0380.A	8,0	1,10	38,0	0,1974	68,0	6,783	music wire	4E
T.080.110.0380.I	8,0	1,10	38,0	0,1696	68,2	5,852	stainless steel	4F
T.080.110.0381.A	8,0	1,10	38,1	0,1966	68,3	6,789	music wire	4E
T.080.110.0381.I	8,0	1,10	38,1	0,1688	67,0	5,618	stainless steel	4F
T.080.110.0400.A	8,0	1,10	40,0	0,1829	72,4	6,783	music wire	4E
T.080.110.0400.I	8,0	1,10	40,0	0,1571	72,5	5,852	stainless steel	4F
T.080.110.0444.A	8,0	1,10	44,4	0,1577	82,0	6,789	music wire	4E
T.080.110.0444.I	8,0	1,10	44,4	0,1354	80,4	5,618	stainless steel	4F
T.080.110.0450.A	8,0	1,10	45,0	0,1546	83,3	6,783	music wire	4E
T.080.110.0450.I	8,0	1,10	45,0	0,1328	83,5	5,852	stainless steel	4F
T.080.110.0500.A	8,0	1,10	50,0	0,1339	94,3	6,783	music wire	4F
T.080.110.0500.I	8,0	1,10	50,0	0,1150	94,5	5,852	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.110.0508.A	8,0	1,10	50,8	0,1312	96,0	6,789	music wire	4F
T.080.110.0508.I	8,0	1,10	50,8	0,1127	94,1	5,618	stainless steel	4F
T.080.110.0570.A	8,0	1,10	57,0	0,1127	109,6	6,783	music wire	4F
T.080.110.0570.I	8,0	1,10	57,0	0,0968	109,8	5,852	stainless steel	4F
T.080.110.0572.A	8,0	1,10	57,2	0,1121	110,1	6,789	music wire	4F
T.080.110.0572.I	8,0	1,10	57,2	0,0963	107,9	5,618	stainless steel	4F
T.080.110.0630.A	8,0	1,10	63,0	0,0993	122,7	6,783	music wire	4F
T.080.110.0630.I	8,0	1,10	63,0	0,0853	123,0	5,852	stainless steel	4F
T.080.110.0635.A	8,0	1,10	63,5	0,0983	123,9	6,789	music wire	4F
T.080.110.0635.I	8,0	1,10	63,5	0,0844	121,3	5,618	stainless steel	4F
T.080.110.0640.A	8,0	1,10	64,0	0,0974	124,9	6,783	music wire	4F
T.080.110.0640.I	8,0	1,10	64,0	0,0836	125,1	5,852	stainless steel	4F
T.080.110.0650.A	8,0	1,10	65,0	0,0956	127,1	6,789	music wire	4F
T.080.110.0650.I	8,0	1,10	65,0	0,0821	124,4	5,618	stainless steel	4F
T.080.110.0698.A	8,0	1,10	69,8	0,0875	137,6	6,789	music wire	4F
T.080.110.0698.I	8,0	1,10	69,8	0,0751	134,7	5,618	stainless steel	4F
T.080.110.0700.A	8,0	1,10	70,0	0,0872	138,0	6,783	music wire	4F
T.080.110.0700.I	8,0	1,10	70,0	0,0749	138,3	5,852	stainless steel	4F
T.080.110.0760.A	8,0	1,10	76,0	0,0789	151,1	6,783	music wire	4F
T.080.110.0760.I	8,0	1,10	76,0	0,0678	151,4	5,852	stainless steel	4F
T.080.110.0762.A	8,0	1,10	76,2	0,0787	151,6	6,789	music wire	4F
T.080.110.0762.I	8,0	1,10	76,2	0,0676	148,4	5,618	stainless steel	4F
T.080.110.0800.A	8,0	1,10	80,0	0,0742	159,9	6,783	music wire	4F
T.080.110.0800.I	8,0	1,10	80,0	0,0637	160,2	5,852	stainless steel	4F
T.080.110.0889.A	8,0	1,10	88,9	0,0655	179,4	6,789	music wire	4F
T.080.110.0889.I	8,0	1,10	88,9	0,0563	175,6	5,618	stainless steel	4F
T.080.110.1000.A	8,0	1,10	100,0	0,0572	203,6	6,783	music wire	4F
T.080.110.1000.I	8,0	1,10	100,0	0,0491	204,1	5,852	stainless steel	4G
T.080.110.1016.A	8,0	1,10	101,6	0,0562	207,2	6,789	music wire	4F
T.080.110.1016.I	8,0	1,10	101,6	0,0483	202,7	5,618	stainless steel	4G
T.080.110.1143.A	8,0	1,10	114,3	0,0491	235,0	6,789	music wire	4F
T.080.110.1143.I	8,0	1,10	114,3	0,0422	229,9	5,618	stainless steel	4G
T.080.110.2030.A	8,0	1,10	203,0	0,0262	428,8	6,783	music wire	4G
T.080.110.2030.I	8,0	1,10	203,0	0,0225	429,8	5,852	stainless steel	4G
T.080.110.3600.A	8,0	1,10	360,0	0,0144	772,1	6,783	music wire	4H
T.080.110.3600.I	8,0	1,10	360,0	0,0124	773,9	5,852	stainless steel	4H
T.080.112.0380.A	8,0	1,12	38,0	0,2178	66,6	7,135	music wire	4E
T.080.112.0380.I	8,0	1,12	38,0	0,1871	65,4	5,906	stainless steel	4F
T.080.112.0410.A	8,0	1,12	41,0	0,1946	73,0	7,135	music wire	4E
T.080.112.0410.I	8,0	1,12	41,0	0,1671	71,6	5,906	stainless steel	4F
T.080.112.0420.A	8,0	1,12	42,0	0,1879	75,1	7,135	music wire	4E
T.080.112.0420.I	8,0	1,12	42,0	0,1614	73,7	5,906	stainless steel	4F
T.080.112.0540.A	8,0	1,12	54,0	0,1334	100,6	7,135	music wire	4F
T.080.112.0540.I	8,0	1,12	54,0	0,1146	98,7	5,906	stainless steel	4F
T.080.112.0700.A	8,0	1,12	70,0	0,0961	134,7	7,135	music wire	4F
T.080.112.0700.I	8,0	1,12	70,0	0,0826	132,0	5,906	stainless steel	4F
T.080.112.0760.A	8,0	1,12	76,0	0,0870	147,5	7,135	music wire	4F
T.080.112.0760.I	8,0	1,12	76,0	0,0747	144,5	5,906	stainless steel	4F
T.080.112.0890.A	8,0	1,12	89,0	0,0722	175,2	7,135	music wire	4F
T.080.112.0890.I	8,0	1,12	89,0	0,0620	171,6	5,906	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.112.1020.A	8,0	1,12	102,0	0,0617	202,9	7,135	music wire	4F
T.080.112.1020.I	8,0	1,12	102,0	0,0530	198,6	5,906	stainless steel	4G
T.080.112.1150.A	8,0	1,12	115,0	0,0539	230,5	7,135	music wire	4F
T.080.112.1150.I	8,0	1,12	115,0	0,0463	225,7	5,906	stainless steel	4G
T.080.120.0220.A	8,0	1,20	22,0	0,8398	30,9	8,613	music wire	4E
T.080.120.0220.I	8,0	1,20	22,0	0,7213	30,9	7,449	stainless steel	4F
T.080.120.0350.A	8,0	1,20	35,0	0,3567	55,9	8,613	music wire	4F
T.080.120.0350.I	8,0	1,20	35,0	0,3064	56,0	7,449	stainless steel	4F
T.080.120.0520.A	8,0	1,20	52,0	0,2036	88,7	8,628	music wire	4F
T.080.120.0520.I	8,0	1,20	52,0	0,1749	87,1	7,151	stainless steel	4F
T.080.120.0890.A	8,0	1,20	89,0	0,1053	159,9	8,628	music wire	4F
T.080.120.0890.I	8,0	1,20	89,0	0,0904	157,0	7,151	stainless steel	4G
T.080.120.1720.A	8,0	1,20	172,0	0,0505	319,5	8,613	music wire	4G
T.080.120.1720.I	8,0	1,20	172,0	0,0434	320,5	7,449	stainless steel	4G
T.080.120.1780.A	8,0	1,20	178,0	0,0487	331,1	8,613	music wire	4G
T.080.120.1780.I	8,0	1,20	178,0	0,0418	332,1	7,449	stainless steel	4G
T.080.120.2030.A	8,0	1,20	203,0	0,0423	379,2	8,613	music wire	4G
T.080.120.2030.I	8,0	1,20	203,0	0,0363	380,4	7,449	stainless steel	4G
T.080.120.4100.A	8,0	1,20	410,0	0,0203	777,5	8,613	music wire	4H
T.080.120.4100.I	8,0	1,20	410,0	0,0174	780,0	7,449	stainless steel	4I
T.080.125.0173.A	8,0	1,25	17,3	2,0218	21,4	9,650	music wire	4E
T.080.125.0173.I	8,0	1,25	17,3	1,7365	21,2	8,004	stainless steel	4F
T.080.125.0200.A	8,0	1,25	20,0	1,3044	26,4	9,630	music wire	4E
T.080.125.0200.I	8,0	1,25	20,0	1,1203	26,4	8,337	stainless steel	4F
T.080.125.0250.A	8,0	1,25	25,0	0,7929	35,5	9,630	music wire	4E
T.080.125.0250.I	8,0	1,25	25,0	0,6810	35,5	8,337	stainless steel	4F
T.080.125.0290.A	8,0	1,25	29,0	0,6035	42,7	9,630	music wire	4F
T.080.125.0290.I	8,0	1,25	29,0	0,5184	42,8	8,337	stainless steel	4F
T.080.125.0320.A	8,0	1,25	32,0	0,5118	48,2	9,630	music wire	4F
T.080.125.0320.I	8,0	1,25	32,0	0,4396	48,3	8,337	stainless steel	4F
T.080.125.0350.A	8,0	1,25	35,0	0,4444	53,7	9,630	music wire	4F
T.080.125.0350.I	8,0	1,25	35,0	0,3817	53,8	8,337	stainless steel	4F
T.080.125.0400.A	8,0	1,25	40,0	0,3643	62,8	9,630	music wire	4F
T.080.125.0400.I	8,0	1,25	40,0	0,3129	62,9	8,337	stainless steel	4F
T.080.125.0450.A	8,0	1,25	45,0	0,3087	71,9	9,630	music wire	4F
T.080.125.0450.I	8,0	1,25	45,0	0,2651	72,1	8,337	stainless steel	4F
T.080.125.0500.A	8,0	1,25	50,0	0,2678	81,0	9,630	music wire	4F
T.080.125.0500.I	8,0	1,25	50,0	0,2300	81,2	8,337	stainless steel	4F
T.080.125.0570.A	8,0	1,25	57,0	0,2259	93,7	9,630	music wire	4F
T.080.125.0570.I	8,0	1,25	57,0	0,1940	94,0	8,337	stainless steel	4F
T.080.125.0630.A	8,0	1,25	63,0	0,1992	104,6	9,630	music wire	4F
T.080.125.0630.I	8,0	1,25	63,0	0,1711	105,0	8,337	stainless steel	4F
T.080.125.0640.A	8,0	1,25	64,0	0,1953	106,4	9,630	music wire	4F
T.080.125.0640.I	8,0	1,25	64,0	0,1678	106,8	8,337	stainless steel	4F
T.080.125.0700.A	8,0	1,25	70,0	0,1750	117,4	9,630	music wire	4F
T.080.125.0700.I	8,0	1,25	70,0	0,1503	117,7	8,337	stainless steel	4G
T.080.125.0760.A	8,0	1,25	76,0	0,1586	128,3	9,630	music wire	4F
T.080.125.0760.I	8,0	1,25	76,0	0,1362	128,7	8,337	stainless steel	4G
T.080.125.0800.A	8,0	1,25	80,0	0,1492	135,6	9,630	music wire	4F
T.080.125.0800.I	8,0	1,25	80,0	0,1282	136,0	8,337	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.080.125.0890.A	8,0	1,25	89,0	0,1317	152,1	9,650	music wire	4F
T.080.125.0890.I	8,0	1,25	89,0	0,1131	149,5	8,004	stainless steel	4G
T.080.125.1000.A	8,0	1,25	100,0	0,1152	172,0	9,630	music wire	4F
T.080.125.1000.I	8,0	1,25	100,0	0,0989	172,6	8,337	stainless steel	4G
T.080.125.3600.A	8,0	1,25	360,0	0,0291	645,2	9,630	music wire	4H
T.080.125.3600.I	8,0	1,25	360,0	0,0250	647,5	8,337	stainless steel	4H
T.080.140.0380.A	8,0	1,40	38,0	0,7280	53,3	13,139	music wire	4G
T.080.140.0380.I	8,0	1,40	38,0	0,6252	52,7	10,921	stainless steel	4H
T.080.140.0630.A	8,0	1,40	63,0	0,3719	93,0	13,139	music wire	4G
T.080.140.0630.I	8,0	1,40	63,0	0,3195	91,8	10,921	stainless steel	4H
T.080.140.0890.A	8,0	1,40	89,0	0,2471	134,2	13,139	music wire	4H
T.080.140.0890.I	8,0	1,40	89,0	0,2122	132,4	10,921	stainless steel	4H
T.080.140.1020.A	8,0	1,40	102,0	0,2114	154,8	13,139	music wire	4H
T.080.140.1020.I	8,0	1,40	102,0	0,1816	152,7	10,921	stainless steel	4H
T.080.150.0305.A	8,0	1,50	30,5	1,4826	39,4	15,764	music wire	4H
T.080.150.0305.I	8,0	1,50	30,5	1,2734	39,6	13,721	stainless steel	4I
T.080.150.0515.A	8,0	1,50	51,5	0,7042	70,3	15,764	music wire	4I
T.080.150.0515.I	8,0	1,50	51,5	0,6049	70,6	13,721	stainless steel	4I
T.080.150.0605.A	8,0	1,50	60,5	0,5749	83,6	15,764	music wire	4I
T.080.150.0605.I	8,0	1,50	60,5	0,4938	83,9	13,721	stainless steel	4I
T.080.150.0710.A	8,0	1,50	71,0	0,4734	99,0	15,764	music wire	4I
T.080.150.0710.I	8,0	1,50	71,0	0,4066	99,4	13,721	stainless steel	4I
T.080.150.0800.A	8,0	1,50	80,0	0,4112	112,3	15,764	music wire	4I
T.080.150.0800.I	8,0	1,50	80,0	0,3532	112,7	13,721	stainless steel	4I
T.080.150.0905.A	8,0	1,50	90,5	0,3566	127,7	15,764	music wire	4I
T.080.150.0905.I	8,0	1,50	90,5	0,3063	128,2	13,721	stainless steel	4I
T.080.150.1020.A	8,0	1,50	102,0	0,3113	144,6	15,764	music wire	4I
T.080.150.1020.I	8,0	1,50	102,0	0,2673	145,2	13,721	stainless steel	4I
T.080.150.1140.A	8,0	1,50	114,0	0,2748	162,3	15,764	music wire	4I
T.080.150.1140.I	8,0	1,50	114,0	0,2360	162,9	13,721	stainless steel	4I
T.080.160.0236.A	8,0	1,60	23,6	3,2863	28,4	18,721	music wire	4H
T.080.160.0236.I	8,0	1,60	23,6	2,8226	28,4	16,325	stainless steel	4I
T.080.160.0253.A	8,0	1,60	25,3	2,8901	30,7	18,721	music wire	4H
T.080.160.0253.I	8,0	1,60	25,3	2,4823	30,8	16,325	stainless steel	4I
T.080.160.0332.A	8,0	1,60	33,2	1,8523	41,6	18,721	music wire	4I
T.080.160.0332.I	8,0	1,60	33,2	1,5909	41,8	16,325	stainless steel	4I
T.080.160.0349.A	8,0	1,60	34,9	1,7194	44,0	18,721	music wire	4I
T.080.160.0349.I	8,0	1,60	34,9	1,4768	44,1	16,325	stainless steel	4I
T.080.160.0460.A	8,0	1,60	46,0	1,1710	59,3	18,721	music wire	4I
T.080.160.0460.I	8,0	1,60	46,0	1,0057	59,5	16,325	stainless steel	4I
T.080.160.0493.A	8,0	1,60	49,3	1,0696	63,9	18,721	music wire	4I
T.080.160.0493.I	8,0	1,60	49,3	0,9186	64,1	16,325	stainless steel	4I
T.083.070.0560.A	8,3	0,70	56,0	0,0094	238,5	1,859	music wire	4C
T.083.070.0560.I	8,3	0,70	56,0	0,0081	237,3	1,585	stainless steel	4C
T.083.085.0200.A	8,3	0,85	20,0	0,1837	35,7	3,199	music wire	4C
T.083.085.0200.I	8,3	0,85	20,0	0,1578	35,0	2,635	stainless steel	4C
T.083.085.0430.A	8,3	0,85	43,0	0,0378	119,6	3,203	music wire	4C
T.083.085.0430.I	8,3	0,85	43,0	0,0324	119,4	2,745	stainless steel	4C
T.083.085.0700.A	8,3	0,85	70,0	0,0195	218,0	3,203	music wire	4C
T.083.085.0700.I	8,3	0,85	70,0	0,0168	217,6	2,745	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.083.085.1650.A	8,3	0,85	165,0	0,0072	564,3	3,203	music wire	4D
T.083.085.1650.I	8,3	0,85	165,0	0,0062	563,4	2,745	stainless steel	4E
T.083.100.0270.A	8,3	1,00	27,0	0,1954	49,8	5,037	music wire	4E
T.083.100.0270.I	8,3	1,00	27,0	0,1679	49,9	4,334	stainless steel	4E
T.083.100.0600.A	8,3	1,00	60,0	0,0564	139,1	5,037	music wire	4E
T.083.100.0600.I	8,3	1,00	60,0	0,0485	135,7	4,161	stainless steel	4E
T.083.100.1270.A	8,3	1,00	127,0	0,0231	320,4	5,037	music wire	4E
T.083.100.1270.I	8,3	1,00	127,0	0,0198	320,7	4,334	stainless steel	4F
T.083.130.0350.A	8,3	1,30	35,0	0,4945	53,1	10,370	music wire	4G
T.083.130.0350.I	8,3	1,30	35,0	0,4247	53,2	8,988	stainless steel	4H
T.083.130.0450.A	8,3	1,30	45,0	0,3414	71,1	10,370	music wire	4G
T.083.130.0450.I	8,3	1,30	45,0	0,2932	71,4	8,988	stainless steel	4H
T.083.130.0500.A	8,3	1,30	50,0	0,2957	80,2	10,370	music wire	4G
T.083.130.0500.I	8,3	1,30	50,0	0,2539	80,5	8,988	stainless steel	4H
T.083.130.1000.A	8,3	1,30	100,0	0,1262	170,9	10,396	music wire	4H
T.083.130.1000.I	8,3	1,30	100,0	0,1084	168,0	8,629	stainless steel	4H
T.083.140.0300.A	8,3	1,40	30,0	0,9477	41,4	12,684	music wire	4G
T.083.140.0300.I	8,3	1,40	30,0	0,8139	41,5	11,017	stainless steel	4H
T.084.090.0250.A	8,4	0,90	25,0	0,1308	50,5	3,715	music wire	4E
T.084.090.0250.I	8,4	0,90	25,0	0,1124	50,5	3,188	stainless steel	4E
T.084.090.0400.A	8,4	0,90	40,0	0,0550	100,6	3,712	music wire	4E
T.084.090.0400.I	8,4	0,90	40,0	0,0473	97,9	3,061	stainless steel	4E
T.084.090.0670.A	8,4	0,90	67,0	0,0270	190,8	3,715	music wire	4E
T.084.090.0670.I	8,4	0,90	67,0	0,0232	190,7	3,188	stainless steel	4E
T.084.100.0250.A	8,4	1,00	25,0	0,2245	44,7	4,981	music wire	4E
T.084.100.0250.I	8,4	1,00	25,0	0,1928	44,7	4,286	stainless steel	4E
T.084.110.0400.A	8,4	1,10	40,0	0,1591	75,8	6,491	music wire	4E
T.084.110.0400.I	8,4	1,10	40,0	0,1366	74,3	5,371	stainless steel	4F
T.084.110.0980.A	8,4	1,10	98,0	0,0500	212,1	6,485	music wire	4F
T.084.110.0980.I	8,4	1,10	98,0	0,0429	212,6	5,595	stainless steel	4G
T.084.110.1500.A	8,4	1,10	150,0	0,0309	334,4	6,485	music wire	4G
T.084.110.1500.I	8,4	1,10	150,0	0,0265	335,2	5,595	stainless steel	4G
T.084.110.2030.A	8,4	1,10	203,0	0,0223	459,0	6,485	music wire	4G
T.084.110.2030.I	8,4	1,10	203,0	0,0191	460,1	5,595	stainless steel	4G
T.084.140.0500.A	8,4	1,40	50,0	0,4271	75,1	12,551	music wire	4G
T.084.140.0500.I	8,4	1,40	50,0	0,3668	75,4	10,901	stainless steel	4H
T.085.090.0485.A	8,5	0,90	48,5	0,0400	130,9	3,674	music wire	4E
T.085.090.0485.I	8,5	0,90	48,5	0,0344	130,9	3,153	stainless steel	4E
T.085.090.0611.A	8,5	0,90	61,1	0,0293	173,9	3,674	music wire	4E
T.085.090.0611.I	8,5	0,90	61,1	0,0252	173,8	3,153	stainless steel	4E
T.085.090.0737.A	8,5	0,90	73,7	0,0231	216,9	3,674	music wire	4E
T.085.090.0737.I	8,5	0,90	73,7	0,0198	216,8	3,153	stainless steel	4E
T.085.090.0989.A	8,5	0,90	98,9	0,0162	302,9	3,674	music wire	4E
T.085.090.0989.I	8,5	0,90	98,9	0,0139	302,7	3,153	stainless steel	4E
T.085.120.0230.A	8,5	1,20	23,0	0,6788	33,5	8,152	music wire	4E
T.085.120.0230.I	8,5	1,20	23,0	0,5830	33,5	7,050	stainless steel	4F
T.085.120.0302.A	8,5	1,20	30,2	0,3879	48,5	8,152	music wire	4E
T.085.120.0302.I	8,5	1,20	30,2	0,3331	48,6	7,050	stainless steel	4F
T.085.120.0410.A	8,5	1,20	41,0	0,2361	71,1	8,152	music wire	4F
T.085.120.0410.I	8,5	1,20	41,0	0,2028	71,3	7,050	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.085.120.0590.A	8,5	1,20	59,0	0,1429	108,7	8,152	music wire	4F
T.085.120.0590.I	8,5	1,20	59,0	0,1227	109,0	7,050	stainless steel	4F
T.085.120.2900.A	8,5	1,20	290,0	0,0236	591,5	8,152	music wire	4G
T.085.120.2900.I	8,5	1,20	290,0	0,0202	593,5	7,050	stainless steel	4H
T.086.065.0199.A	8,6	0,65	19,9	0,0506	46,9	1,458	music wire	4C
T.086.065.0199.I	8,6	0,65	19,9	0,0435	46,6	1,241	stainless steel	4C
T.086.065.0281.A	8,6	0,65	28,1	0,0183	102,6	1,458	music wire	4C
T.086.065.0281.I	8,6	0,65	28,1	0,0157	101,9	1,241	stainless steel	4C
T.086.065.0376.A	8,6	0,65	37,6	0,0105	167,2	1,458	music wire	4C
T.086.065.0376.I	8,6	0,65	37,6	0,0090	166,0	1,241	stainless steel	4C
T.086.065.0464.A	8,6	0,65	46,4	0,0076	227,0	1,458	music wire	4C
T.086.065.0464.I	8,6	0,65	46,4	0,0065	225,4	1,241	stainless steel	4C
T.086.065.0600.A	8,6	0,65	60,0	0,0053	318,3	1,453	music wire	4C
T.086.065.0600.I	8,6	0,65	60,0	0,0045	306,0	1,192	stainless steel	4C
T.086.065.1000.A	8,6	0,65	100,0	0,0028	589,5	1,453	music wire	4C
T.086.065.1000.I	8,6	0,65	100,0	0,0024	566,2	1,192	stainless steel	4D
T.087.070.0200.A	8,7	0,70	20,0	0,0713	43,1	1,771	music wire	4C
T.087.070.0200.I	8,7	0,70	20,0	0,0612	42,0	1,454	stainless steel	4C
T.087.070.0380.A	8,7	0,70	38,0	0,0147	149,9	1,776	music wire	4C
T.087.070.0380.I	8,7	0,70	38,0	0,0127	149,1	1,515	stainless steel	4C
T.087.070.0480.A	8,7	0,70	48,0	0,0102	209,2	1,776	music wire	4C
T.087.070.0480.I	8,7	0,70	48,0	0,0088	208,1	1,515	stainless steel	4C
T.087.070.0640.A	8,7	0,70	64,0	0,0069	304,1	1,776	music wire	4C
T.087.070.0640.I	8,7	0,70	64,0	0,0059	302,4	1,515	stainless steel	4C
T.087.075.0250.A	8,7	0,75	25,0	0,0488	65,6	2,157	music wire	4C
T.087.075.0250.I	8,7	0,75	25,0	0,0420	65,4	1,842	stainless steel	4C
T.087.090.0380.A	8,7	0,90	38,0	0,0544	97,6	3,594	music wire	4E
T.087.090.0380.I	8,7	0,90	38,0	0,0467	97,5	3,084	stainless steel	4E
T.087.120.0360.A	8,7	1,20	36,0	0,2707	61,8	7,981	music wire	4F
T.087.120.0360.I	8,7	1,20	36,0	0,2325	61,9	6,902	stainless steel	4F
T.087.130.0410.A	8,7	1,30	41,0	0,3394	66,3	9,941	music wire	4G
T.087.130.0410.I	8,7	1,30	41,0	0,2915	66,6	8,616	stainless steel	4H
T.088.065.0480.A	8,8	0,65	48,0	0,0068	246,2	1,426	music wire	4C
T.088.065.0480.I	8,8	0,65	48,0	0,0058	244,4	1,214	stainless steel	4C
T.088.065.0640.A	8,8	0,65	64,0	0,0045	360,2	1,426	music wire	4C
T.088.065.0640.I	8,8	0,65	64,0	0,0039	357,6	1,214	stainless steel	4C
T.088.080.0219.A	8,8	0,80	21,9	0,0973	45,9	2,557	music wire	4C
T.088.080.0219.I	8,8	0,80	21,9	0,0836	45,8	2,188	stainless steel	4C
T.088.080.0323.A	8,8	0,80	32,3	0,0381	93,6	2,557	music wire	4C
T.088.080.0323.I	8,8	0,80	32,3	0,0327	93,4	2,188	stainless steel	4C
T.088.080.0443.A	8,8	0,80	44,3	0,0224	148,7	2,557	music wire	4C
T.088.080.0443.I	8,8	0,80	44,3	0,0192	148,3	2,188	stainless steel	4C
T.088.080.0499.A	8,8	0,80	49,9	0,0188	174,4	2,557	music wire	4C
T.088.080.0499.I	8,8	0,80	49,9	0,0161	173,9	2,188	stainless steel	4C
T.088.080.0555.A	8,8	0,80	55,5	0,0162	200,1	2,557	music wire	4C
T.088.080.0555.I	8,8	0,80	55,5	0,0139	199,5	2,188	stainless steel	4D
T.088.080.0619.A	8,8	0,80	61,9	0,0140	229,4	2,557	music wire	4C
T.088.080.0619.I	8,8	0,80	61,9	0,0120	228,8	2,188	stainless steel	4D
T.088.080.0683.A	8,8	0,80	68,3	0,0123	258,8	2,557	music wire	4C
T.088.080.0683.I	8,8	0,80	68,3	0,0105	258,1	2,188	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.088.080.0747.A	8,8	0,80	74,7	0,0110	288,1	2,557	music wire	4C
T.088.080.0747.I	8,8	0,80	74,7	0,0094	287,3	2,188	stainless steel	4D
T.088.110.0220.A	8,8	1,10	22,0	0,4667	33,8	6,211	music wire	4E
T.088.110.0220.I	8,8	1,10	22,0	0,4000	33,8	5,359	stainless steel	4F
T.088.120.0250.A	8,8	1,20	25,0	0,5250	38,2	7,898	music wire	4E
T.088.120.0250.I	8,8	1,20	25,0	0,4509	38,2	6,830	stainless steel	4F
T.088.140.1430.A	8,8	1,40	143,0	0,1043	242,2	12,045	music wire	4H
T.088.140.1430.I	8,8	1,40	143,0	0,0896	243,3	10,462	stainless steel	4I
T.090.065.0191.A	9,0	0,65	19,1	0,0665	38,8	1,390	music wire	4C
T.090.065.0191.I	9,0	0,65	19,1	0,0571	37,8	1,140	stainless steel	4C
T.090.065.0198.A	9,0	0,65	19,8	0,0539	44,1	1,390	music wire	4C
T.090.065.0198.I	9,0	0,65	19,8	0,0463	42,9	1,140	stainless steel	4C
T.090.065.0220.A	9,0	0,65	22,0	0,0340	60,5	1,390	music wire	4C
T.090.065.0220.I	9,0	0,65	22,0	0,0292	58,7	1,140	stainless steel	4C
T.090.065.0224.A	9,0	0,65	22,4	0,0319	63,4	1,390	music wire	4C
T.090.065.0224.I	9,0	0,65	22,4	0,0274	61,5	1,140	stainless steel	4C
T.090.065.0360.A	9,0	0,65	36,0	0,0102	164,5	1,390	music wire	4C
T.090.065.0360.I	9,0	0,65	36,0	0,0087	158,4	1,140	stainless steel	4C
T.090.065.0416.A	9,0	0,65	41,6	0,0079	206,1	1,390	music wire	4C
T.090.065.0416.I	9,0	0,65	41,6	0,0068	198,3	1,140	stainless steel	4C
T.090.065.0430.A	9,0	0,65	43,0	0,0075	216,7	1,390	music wire	4C
T.090.065.0430.I	9,0	0,65	43,0	0,0065	208,5	1,140	stainless steel	4C
T.090.065.0438.A	9,0	0,65	43,8	0,0073	222,6	1,390	music wire	4C
T.090.065.0438.I	9,0	0,65	43,8	0,0063	214,1	1,140	stainless steel	4C
T.090.065.0451.A	9,0	0,65	45,1	0,0070	232,2	1,390	music wire	4C
T.090.065.0451.I	9,0	0,65	45,1	0,0060	223,4	1,140	stainless steel	4C
T.090.065.0508.A	9,0	0,65	50,8	0,0058	274,8	1,390	music wire	4C
T.090.065.0508.I	9,0	0,65	50,8	0,0050	264,1	1,140	stainless steel	4C
T.090.065.0572.A	9,0	0,65	57,2	0,0049	322,2	1,390	music wire	4C
T.090.065.0572.I	9,0	0,65	57,2	0,0042	309,6	1,140	stainless steel	4C
T.090.065.0588.A	9,0	0,65	58,8	0,0047	334,3	1,390	music wire	4C
T.090.065.0588.I	9,0	0,65	58,8	0,0041	321,2	1,140	stainless steel	4C
T.090.065.0635.A	9,0	0,65	63,5	0,0043	369,1	1,390	music wire	4C
T.090.065.0635.I	9,0	0,65	63,5	0,0037	354,6	1,140	stainless steel	4C
T.090.065.0698.A	9,0	0,65	69,8	0,0038	416,0	1,390	music wire	4C
T.090.065.0698.I	9,0	0,65	69,8	0,0032	399,6	1,140	stainless steel	4D
T.090.065.0700.A	9,0	0,65	70,0	0,0038	417,5	1,390	music wire	4C
T.090.065.0700.I	9,0	0,65	70,0	0,0032	401,0	1,140	stainless steel	4D
T.090.065.0760.A	9,0	0,65	76,0	0,0034	462,0	1,390	music wire	4C
T.090.065.0760.I	9,0	0,65	76,0	0,0029	443,7	1,140	stainless steel	4D
T.090.065.0762.A	9,0	0,65	76,2	0,0034	463,4	1,390	music wire	4C
T.090.065.0762.I	9,0	0,65	76,2	0,0029	445,1	1,140	stainless steel	4D
T.090.065.0830.A	9,0	0,65	83,0	0,0030	514,2	1,390	music wire	4C
T.090.065.0830.I	9,0	0,65	83,0	0,0026	493,7	1,140	stainless steel	4D
T.090.065.0889.A	9,0	0,65	88,9	0,0028	558,2	1,390	music wire	4C
T.090.065.0889.I	9,0	0,65	88,9	0,0024	535,9	1,140	stainless steel	4D
T.090.065.0890.A	9,0	0,65	89,0	0,0028	558,7	1,390	music wire	4C
T.090.065.0890.I	9,0	0,65	89,0	0,0024	536,4	1,140	stainless steel	4D
T.090.065.0980.A	9,0	0,65	98,0	0,0025	625,9	1,390	music wire	4C
T.090.065.0980.I	9,0	0,65	98,0	0,0021	600,9	1,140	stainless steel	4D



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.090.065.1016.A	9,0	0,65	101,6	0,0024	652,5	1,390	music wire	4C
T.090.065.1016.I	9,0	0,65	101,6	0,0020	626,4	1,140	stainless steel	4D
T.090.065.1020.A	9,0	0,65	102,0	0,0024	655,4	1,390	music wire	4C
T.090.065.1020.I	9,0	0,65	102,0	0,0020	629,2	1,140	stainless steel	4D
T.090.065.1143.A	9,0	0,65	114,3	0,0021	747,3	1,390	music wire	4C
T.090.065.1143.I	9,0	0,65	114,3	0,0018	717,3	1,140	stainless steel	4D
T.090.065.1150.A	9,0	0,65	115,0	0,0021	752,1	1,390	music wire	4C
T.090.065.1150.I	9,0	0,65	115,0	0,0018	721,9	1,140	stainless steel	4D
T.090.080.0191.A	9,0	0,80	19,1	0,1720	32,4	2,497	music wire	4C
T.090.080.0191.I	9,0	0,80	19,1	0,1477	31,8	2,055	stainless steel	4C
T.090.080.0198.A	9,0	0,80	19,8	0,1455	35,5	2,497	music wire	4C
T.090.080.0198.I	9,0	0,80	19,8	0,1250	34,8	2,055	stainless steel	4C
T.090.080.0206.A	9,0	0,80	20,6	0,1211	39,6	2,502	music wire	4C
T.090.080.0206.I	9,0	0,80	20,6	0,1040	39,5	2,141	stainless steel	4C
T.090.080.0254.A	9,0	0,80	25,4	0,0618	62,5	2,502	music wire	4C
T.090.080.0254.I	9,0	0,80	25,4	0,0531	62,4	2,141	stainless steel	4C
T.090.080.0606.A	9,0	0,80	60,6	0,0135	231,2	2,502	music wire	4C
T.090.080.0606.I	9,0	0,80	60,6	0,0116	230,5	2,141	stainless steel	4D
T.090.080.0630.A	9,0	0,80	63,0	0,0128	242,2	2,497	music wire	4C
T.090.080.0630.I	9,0	0,80	63,0	0,0110	234,1	2,055	stainless steel	4D
T.090.085.0191.A	9,0	0,85	19,1	0,2285	30,9	2,961	music wire	4C
T.090.085.0191.I	9,0	0,85	19,1	0,1962	30,4	2,440	stainless steel	4C
T.090.090.0630.A	9,0	0,90	63,0	0,0237	195,6	3,477	music wire	4E
T.090.090.0630.I	9,0	0,90	63,0	0,0204	189,7	2,867	stainless steel	4E
T.090.100.0182.A	9,0	1,00	18,2	0,6218	24,9	4,668	music wire	4E
T.090.100.0182.I	9,0	1,00	18,2	0,5341	24,6	3,857	stainless steel	4E
T.090.100.0240.A	9,0	1,00	24,0	0,2211	42,9	4,668	music wire	4E
T.090.100.0240.I	9,0	1,00	24,0	0,1899	42,9	4,017	stainless steel	4E
T.090.100.0592.A	9,0	1,00	59,2	0,0450	152,0	4,668	music wire	4E
T.090.100.0592.I	9,0	1,00	59,2	0,0387	152,1	4,017	stainless steel	4E
T.090.100.0630.A	9,0	1,00	63,0	0,0415	163,7	4,668	music wire	4E
T.090.100.0630.I	9,0	1,00	63,0	0,0356	159,4	3,857	stainless steel	4E
T.090.100.0662.A	9,0	1,00	66,2	0,0389	173,7	4,668	music wire	4E
T.090.100.0662.I	9,0	1,00	66,2	0,0334	173,9	4,017	stainless steel	4E
T.090.100.0742.A	9,0	1,00	74,2	0,0336	198,4	4,668	music wire	4E
T.090.100.0742.I	9,0	1,00	74,2	0,0289	198,7	4,017	stainless steel	4E
T.090.100.0822.A	9,0	1,00	82,2	0,0296	223,2	4,668	music wire	4E
T.090.100.0822.I	9,0	1,00	82,2	0,0254	223,5	4,017	stainless steel	4E
T.090.100.1300.A	9,0	1,00	130,0	0,0173	371,3	4,668	music wire	4E
T.090.100.1300.I	9,0	1,00	130,0	0,0149	361,0	3,857	stainless steel	4F
T.090.110.0630.A	9,0	1,10	63,0	0,0689	141,2	6,088	music wire	4F
T.090.110.0630.I	9,0	1,10	63,0	0,0592	137,9	5,038	stainless steel	4F
T.090.120.3050.A	9,0	1,20	305,0	0,0184	674,7	7,749	music wire	4H
T.090.120.3050.I	9,0	1,20	305,0	0,0158	659,6	6,423	stainless steel	4H
T.090.125.0630.A	9,0	1,25	63,0	0,1370	118,3	8,674	music wire	4F
T.090.125.0630.I	9,0	1,25	63,0	0,1177	116,0	7,195	stainless steel	4G
T.090.125.0826.A	9,0	1,25	82,6	0,0977	160,1	8,674	music wire	4F
T.090.125.0826.I	9,0	1,25	82,6	0,0839	157,0	7,195	stainless steel	4G
T.090.125.0830.A	9,0	1,25	83,0	0,0971	160,9	8,674	music wire	4F
T.090.125.0830.I	9,0	1,25	83,0	0,0834	157,8	7,195	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.090.125.0889.A	9,0	1,25	88,9	0,0895	173,5	8,674	music wire	4F
T.090.125.0889.I	9,0	1,25	88,9	0,0769	170,1	7,195	stainless steel	4G
T.090.125.2150.A	9,0	1,25	215,0	0,0333	442,5	8,674	music wire	4G
T.090.125.2150.I	9,0	1,25	215,0	0,0286	433,4	7,195	stainless steel	4G
T.090.130.1020.A	9,0	1,30	102,0	0,0943	191,1	9,664	music wire	4H
T.090.130.1020.I	9,0	1,30	102,0	0,0810	187,5	8,022	stainless steel	4H
T.090.140.1050.A	9,0	1,40	105,0	0,1369	179,5	11,843	music wire	4H
T.090.140.1050.I	9,0	1,40	105,0	0,1176	176,6	9,844	stainless steel	4H
T.090.140.1720.A	9,0	1,40	172,0	0,0789	301,3	11,843	music wire	4I
T.090.140.1720.I	9,0	1,40	172,0	0,0678	296,3	9,844	stainless steel	4I
T.090.150.1090.A	9,0	1,50	109,0	0,1919	172,6	14,296	music wire	4I
T.090.150.1090.I	9,0	1,50	109,0	0,1648	170,2	11,898	stainless steel	4I
T.090.150.1210.A	9,0	1,50	121,0	0,1705	192,6	14,296	music wire	4I
T.090.150.1210.I	9,0	1,50	121,0	0,1464	189,9	11,898	stainless steel	4I
T.090.150.1330.A	9,0	1,50	133,0	0,1534	212,6	14,296	music wire	4I
T.090.150.1330.I	9,0	1,50	133,0	0,1317	209,6	11,898	stainless steel	4I
T.090.180.0284.A	9,0	1,80	28,4	3,2642	34,3	23,212	music wire	4I
T.090.180.0284.I	9,0	1,80	28,4	2,8036	34,4	20,315	stainless steel	4I
T.090.180.0392.A	9,0	1,80	39,2	1,9389	49,2	23,212	music wire	4I
T.090.180.0392.I	9,0	1,80	39,2	1,6653	49,4	20,315	stainless steel	4I
T.090.180.0554.A	9,0	1,80	55,4	1,2050	71,5	23,212	music wire	4I
T.090.180.0554.I	9,0	1,80	55,4	1,0350	71,8	20,315	stainless steel	4I
T.090.180.0824.A	9,0	1,80	82,4	0,7389	108,6	23,212	music wire	4I
T.090.180.0824.I	9,0	1,80	82,4	0,6346	109,1	20,315	stainless steel	4J
T.090.180.1180.A	9,0	1,80	118,0	0,4893	157,6	23,212	music wire	4I
T.090.180.1180.I	9,0	1,80	118,0	0,4203	158,3	20,315	stainless steel	4J
T.091.065.0250.A	9,1	0,65	25,0	0,0224	83,1	1,380	music wire	4C
T.091.065.0250.I	9,1	0,65	25,0	0,0192	82,6	1,175	stainless steel	4C
T.091.065.0254.A	9,1	0,65	25,4	0,0214	86,1	1,380	music wire	4C
T.091.065.0254.I	9,1	0,65	25,4	0,0184	85,6	1,175	stainless steel	4C
T.091.065.0284.A	9,1	0,65	28,4	0,0161	109,0	1,380	music wire	4C
T.091.065.0284.I	9,1	0,65	28,4	0,0138	108,3	1,175	stainless steel	4C
T.091.065.0290.A	9,1	0,65	29,0	0,0154	113,6	1,380	music wire	4C
T.091.065.0290.I	9,1	0,65	29,0	0,0132	112,9	1,175	stainless steel	4C
T.091.065.0318.A	9,1	0,65	31,8	0,0126	135,0	1,380	music wire	4C
T.091.065.0318.I	9,1	0,65	31,8	0,0108	134,1	1,175	stainless steel	4C
T.091.065.0320.A	9,1	0,65	32,0	0,0124	136,5	1,380	music wire	4C
T.091.065.0320.I	9,1	0,65	32,0	0,0107	135,6	1,175	stainless steel	4C
T.091.065.0348.A	9,1	0,65	34,8	0,0106	157,9	1,380	music wire	4C
T.091.065.0348.I	9,1	0,65	34,8	0,0091	156,8	1,175	stainless steel	4C
T.091.065.0350.A	9,1	0,65	35,0	0,0104	159,4	1,380	music wire	4C
T.091.065.0350.I	9,1	0,65	35,0	0,0090	158,4	1,175	stainless steel	4C
T.091.065.0380.A	9,1	0,65	38,0	0,0090	182,3	1,380	music wire	4C
T.091.065.0380.I	9,1	0,65	38,0	0,0077	181,1	1,175	stainless steel	4C
T.091.065.0381.A	9,1	0,65	38,1	0,0090	183,1	1,380	music wire	4C
T.091.065.0381.I	9,1	0,65	38,1	0,0077	181,9	1,175	stainless steel	4C
T.091.065.0444.A	9,1	0,65	44,4	0,0070	231,2	1,380	music wire	4C
T.091.065.0444.I	9,1	0,65	44,4	0,0060	229,6	1,175	stainless steel	4C
T.091.065.0450.A	9,1	0,65	45,0	0,0068	235,8	1,380	music wire	4C
T.091.065.0450.I	9,1	0,65	45,0	0,0059	234,1	1,175	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.065.0500.A	9,1	0,65	50,0	0,0058	274,0	1,380	music wire	4C
T.091.065.0500.I	9,1	0,65	50,0	0,0050	272,0	1,175	stainless steel	4C
T.091.075.0290.A	9,1	0,75	29,0	0,0318	89,1	2,065	music wire	4C
T.091.075.0290.I	9,1	0,75	29,0	0,0273	88,7	1,764	stainless steel	4C
T.091.075.0300.A	9,1	0,75	30,0	0,0296	94,7	2,065	music wire	4C
T.091.075.0300.I	9,1	0,75	30,0	0,0254	94,3	1,764	stainless steel	4C
T.091.075.0310.A	9,1	0,75	31,0	0,0276	100,3	2,065	music wire	4C
T.091.075.0310.I	9,1	0,75	31,0	0,0237	99,9	1,764	stainless steel	4C
T.091.075.0350.A	9,1	0,75	35,0	0,0218	122,7	2,065	music wire	4C
T.091.075.0350.I	9,1	0,75	35,0	0,0187	122,2	1,764	stainless steel	4C
T.091.080.0221.A	9,1	0,80	22,1	0,0927	46,6	2,476	music wire	4C
T.091.080.0221.I	9,1	0,80	22,1	0,0796	46,5	2,118	stainless steel	4C
T.091.080.0254.A	9,1	0,80	25,4	0,0608	62,8	2,476	music wire	4C
T.091.080.0254.I	9,1	0,80	25,4	0,0522	62,6	2,118	stainless steel	4C
T.091.080.0284.A	9,1	0,80	28,4	0,0463	77,5	2,476	music wire	4C
T.091.080.0284.I	9,1	0,80	28,4	0,0398	77,3	2,118	stainless steel	4C
T.091.080.0348.A	9,1	0,80	34,8	0,0307	108,8	2,476	music wire	4C
T.091.080.0348.I	9,1	0,80	34,8	0,0264	108,5	2,118	stainless steel	4C
T.091.080.0381.A	9,1	0,80	38,1	0,0262	124,9	2,476	music wire	4C
T.091.080.0381.I	9,1	0,80	38,1	0,0225	124,6	2,118	stainless steel	4C
T.091.080.0572.A	9,1	0,80	57,2	0,0141	218,4	2,476	music wire	4C
T.091.080.0572.I	9,1	0,80	57,2	0,0121	217,8	2,118	stainless steel	4D
T.091.080.0635.A	9,1	0,80	63,5	0,0122	249,3	2,476	music wire	4C
T.091.080.0635.I	9,1	0,80	63,5	0,0105	248,6	2,118	stainless steel	4D
T.091.080.0698.A	9,1	0,80	69,8	0,0108	280,1	2,476	music wire	4C
T.091.080.0698.I	9,1	0,80	69,8	0,0093	279,3	2,118	stainless steel	4D
T.091.080.0762.A	9,1	0,80	76,2	0,0097	311,4	2,476	music wire	4C
T.091.080.0762.I	9,1	0,80	76,2	0,0083	310,6	2,118	stainless steel	4D
T.091.085.0250.A	9,1	0,85	25,0	0,0861	56,1	2,934	music wire	4C
T.091.085.0250.I	9,1	0,85	25,0	0,0739	56,0	2,515	stainless steel	4C
T.091.085.0254.A	9,1	0,85	25,4	0,0826	57,8	2,934	music wire	4C
T.091.085.0254.I	9,1	0,85	25,4	0,0709	57,7	2,515	stainless steel	4C
T.091.085.0284.A	9,1	0,85	28,4	0,0631	70,8	2,934	music wire	4C
T.091.085.0284.I	9,1	0,85	28,4	0,0542	70,7	2,515	stainless steel	4C
T.091.085.0290.A	9,1	0,85	29,0	0,0603	73,4	2,934	music wire	4C
T.091.085.0290.I	9,1	0,85	29,0	0,0518	73,3	2,515	stainless steel	4C
T.091.085.0318.A	9,1	0,85	31,8	0,0498	85,5	2,934	music wire	4C
T.091.085.0318.I	9,1	0,85	31,8	0,0428	85,4	2,515	stainless steel	4C
T.091.085.0320.A	9,1	0,85	32,0	0,0492	86,4	2,934	music wire	4C
T.091.085.0320.I	9,1	0,85	32,0	0,0423	86,2	2,515	stainless steel	4C
T.091.085.0348.A	9,1	0,85	34,8	0,0420	98,5	2,934	music wire	4C
T.091.085.0348.I	9,1	0,85	34,8	0,0361	98,3	2,515	stainless steel	4C
T.091.085.0350.A	9,1	0,85	35,0	0,0416	99,3	2,934	music wire	4C
T.091.085.0350.I	9,1	0,85	35,0	0,0357	99,2	2,515	stainless steel	4C
T.091.085.0380.A	9,1	0,85	38,0	0,0360	112,3	2,934	music wire	4C
T.091.085.0380.I	9,1	0,85	38,0	0,0309	112,1	2,515	stainless steel	4C
T.091.085.0381.A	9,1	0,85	38,1	0,0359	112,7	2,934	music wire	4C
T.091.085.0381.I	9,1	0,85	38,1	0,0308	112,6	2,515	stainless steel	4C
T.091.085.0444.A	9,1	0,85	44,4	0,0280	140,0	2,934	music wire	4C
T.091.085.0444.I	9,1	0,85	44,4	0,0240	139,8	2,515	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.085.0450.A	9,1	0,85	45,0	0,0274	142,6	2,934	music wire	4C
T.091.085.0450.I	9,1	0,85	45,0	0,0236	142,4	2,515	stainless steel	4C
T.091.085.0500.A	9,1	0,85	50,0	0,0234	164,2	2,934	music wire	4C
T.091.085.0500.I	9,1	0,85	50,0	0,0201	163,9	2,515	stainless steel	4C
T.091.085.0508.A	9,1	0,85	50,8	0,0229	167,7	2,934	music wire	4C
T.091.085.0508.I	9,1	0,85	50,8	0,0197	167,4	2,515	stainless steel	4C
T.091.085.0570.A	9,1	0,85	57,0	0,0195	194,5	2,934	music wire	4C
T.091.085.0570.I	9,1	0,85	57,0	0,0167	194,2	2,515	stainless steel	4D
T.091.085.0572.A	9,1	0,85	57,2	0,0194	195,3	2,934	music wire	4C
T.091.085.0572.I	9,1	0,85	57,2	0,0166	195,0	2,515	stainless steel	4D
T.091.085.0635.A	9,1	0,85	63,5	0,0168	222,6	2,934	music wire	4C
T.091.085.0635.I	9,1	0,85	63,5	0,0145	222,2	2,515	stainless steel	4D
T.091.085.0640.A	9,1	0,85	64,0	0,0167	224,7	2,934	music wire	4C
T.091.085.0640.I	9,1	0,85	64,0	0,0143	224,4	2,515	stainless steel	4D
T.091.085.0698.A	9,1	0,85	69,8	0,0149	249,8	2,934	music wire	4C
T.091.085.0698.I	9,1	0,85	69,8	0,0128	249,4	2,515	stainless steel	4D
T.091.085.0700.A	9,1	0,85	70,0	0,0148	250,7	2,934	music wire	4C
T.091.085.0700.I	9,1	0,85	70,0	0,0127	250,3	2,515	stainless steel	4D
T.091.085.0760.A	9,1	0,85	76,0	0,0133	276,6	2,934	music wire	4C
T.091.085.0760.I	9,1	0,85	76,0	0,0115	276,2	2,515	stainless steel	4D
T.091.085.0762.A	9,1	0,85	76,2	0,0133	277,5	2,934	music wire	4C
T.091.085.0762.I	9,1	0,85	76,2	0,0114	277,0	2,515	stainless steel	4D
T.091.085.0889.A	9,1	0,85	88,9	0,0110	332,4	2,934	music wire	4C
T.091.085.0889.I	9,1	0,85	88,9	0,0094	331,9	2,515	stainless steel	4D
T.091.085.0890.A	9,1	0,85	89,0	0,0110	332,9	2,934	music wire	4C
T.091.085.0890.I	9,1	0,85	89,0	0,0094	332,3	2,515	stainless steel	4D
T.091.085.1016.A	9,1	0,85	101,6	0,0094	387,3	2,934	music wire	4D
T.091.085.1016.I	9,1	0,85	101,6	0,0080	386,7	2,515	stainless steel	4D
T.091.085.1020.A	9,1	0,85	102,0	0,0093	389,1	2,934	music wire	4D
T.091.085.1020.I	9,1	0,85	102,0	0,0080	388,4	2,515	stainless steel	4D
T.091.085.1143.A	9,1	0,85	114,3	0,0082	442,3	2,934	music wire	4D
T.091.085.1143.I	9,1	0,85	114,3	0,0070	441,5	2,515	stainless steel	4D
T.091.085.1150.A	9,1	0,85	115,0	0,0081	445,3	2,934	music wire	4D
T.091.085.1150.I	9,1	0,85	115,0	0,0070	444,5	2,515	stainless steel	4D
T.091.085.1270.A	9,1	0,85	127,0	0,0072	497,2	2,934	music wire	4D
T.091.085.1270.I	9,1	0,85	127,0	0,0062	496,3	2,515	stainless steel	4D
T.091.090.0190.A	9,1	0,90	19,0	0,3117	29,0	3,443	music wire	4E
T.091.090.0190.I	9,1	0,90	19,0	0,2677	29,0	2,955	stainless steel	4E
T.091.090.0191.A	9,1	0,90	19,1	0,3031	29,4	3,443	music wire	4E
T.091.090.0191.I	9,1	0,90	19,1	0,2603	29,4	2,955	stainless steel	4E
T.091.090.0250.A	9,1	0,90	25,0	0,1148	52,2	3,443	music wire	4E
T.091.090.0250.I	9,1	0,90	25,0	0,0986	52,1	2,955	stainless steel	4E
T.091.090.0254.A	9,1	0,90	25,4	0,1100	53,7	3,443	music wire	4E
T.091.090.0254.I	9,1	0,90	25,4	0,0947	53,7	2,955	stainless steel	4E
T.091.090.0284.A	9,1	0,90	28,4	0,0846	65,3	3,443	music wire	4E
T.091.090.0284.I	9,1	0,90	28,4	0,0726	65,3	2,955	stainless steel	4E
T.091.090.0290.A	9,1	0,90	29,0	0,0808	67,6	3,443	music wire	4E
T.091.090.0290.I	9,1	0,90	29,0	0,0694	67,6	2,955	stainless steel	4E
T.091.090.0318.A	9,1	0,90	31,8	0,0669	78,4	3,443	music wire	4E
T.091.090.0318.I	9,1	0,90	31,8	0,0575	78,4	2,955	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.090.0320.A	9,1	0,90	32,0	0,0661	79,2	3,443	music wire	4E
T.091.090.0320.I	9,1	0,90	32,0	0,0568	79,1	2,955	stainless steel	4E
T.091.090.0348.A	9,1	0,90	34,8	0,0565	90,0	3,443	music wire	4E
T.091.090.0348.I	9,1	0,90	34,8	0,0486	89,9	2,955	stainless steel	4E
T.091.090.0350.A	9,1	0,90	35,0	0,0560	90,8	3,443	music wire	4E
T.091.090.0350.I	9,1	0,90	35,0	0,0481	90,7	2,955	stainless steel	4E
T.091.090.0380.A	9,1	0,90	38,0	0,0485	102,3	3,443	music wire	4E
T.091.090.0380.I	9,1	0,90	38,0	0,0416	102,3	2,955	stainless steel	4E
T.091.090.0381.A	9,1	0,90	38,1	0,0483	102,7	3,443	music wire	4E
T.091.090.0381.I	9,1	0,90	38,1	0,0415	102,7	2,955	stainless steel	4E
T.091.090.0444.A	9,1	0,90	44,4	0,0378	127,0	3,443	music wire	4E
T.091.090.0444.I	9,1	0,90	44,4	0,0324	127,0	2,955	stainless steel	4E
T.091.090.0450.A	9,1	0,90	45,0	0,0370	129,4	3,443	music wire	4E
T.091.090.0450.I	9,1	0,90	45,0	0,0318	129,3	2,955	stainless steel	4E
T.091.090.0480.A	9,1	0,90	48,0	0,0336	140,9	3,443	music wire	4E
T.091.090.0480.I	9,1	0,90	48,0	0,0288	140,9	2,955	stainless steel	4E
T.091.090.0500.A	9,1	0,90	50,0	0,0316	148,7	3,443	music wire	4E
T.091.090.0500.I	9,1	0,90	50,0	0,0272	148,6	2,955	stainless steel	4E
T.091.090.0508.A	9,1	0,90	50,8	0,0309	151,7	3,443	music wire	4E
T.091.090.0508.I	9,1	0,90	50,8	0,0265	151,7	2,955	stainless steel	4E
T.091.090.0570.A	9,1	0,90	57,0	0,0263	175,7	3,443	music wire	4E
T.091.090.0570.I	9,1	0,90	57,0	0,0226	175,6	2,955	stainless steel	4E
T.091.090.0572.A	9,1	0,90	57,2	0,0262	176,5	3,443	music wire	4E
T.091.090.0572.I	9,1	0,90	57,2	0,0225	176,4	2,955	stainless steel	4E
T.091.090.0600.A	9,1	0,90	60,0	0,0245	187,3	3,443	music wire	4E
T.091.090.0600.I	9,1	0,90	60,0	0,0211	187,2	2,955	stainless steel	4E
T.091.090.0635.A	9,1	0,90	63,5	0,0227	200,8	3,443	music wire	4E
T.091.090.0635.I	9,1	0,90	63,5	0,0195	200,7	2,955	stainless steel	4E
T.091.090.0640.A	9,1	0,90	64,0	0,0225	202,7	3,443	music wire	4E
T.091.090.0640.I	9,1	0,90	64,0	0,0193	202,6	2,955	stainless steel	4E
T.091.090.0698.A	9,1	0,90	69,8	0,0201	225,1	3,443	music wire	4E
T.091.090.0698.I	9,1	0,90	69,8	0,0173	225,0	2,955	stainless steel	4E
T.091.090.0700.A	9,1	0,90	70,0	0,0200	225,9	3,443	music wire	4E
T.091.090.0700.I	9,1	0,90	70,0	0,0172	225,7	2,955	stainless steel	4E
T.091.090.0760.A	9,1	0,90	76,0	0,0180	249,0	3,443	music wire	4E
T.091.090.0760.I	9,1	0,90	76,0	0,0155	248,9	2,955	stainless steel	4E
T.091.090.0762.A	9,1	0,90	76,2	0,0180	249,8	3,443	music wire	4E
T.091.090.0762.I	9,1	0,90	76,2	0,0154	249,6	2,955	stainless steel	4E
T.091.090.0889.A	9,1	0,90	88,9	0,0149	298,8	3,443	music wire	4E
T.091.090.0889.I	9,1	0,90	88,9	0,0128	298,6	2,955	stainless steel	4E
T.091.090.0890.A	9,1	0,90	89,0	0,0148	299,2	3,443	music wire	4E
T.091.090.0890.I	9,1	0,90	89,0	0,0127	299,0	2,955	stainless steel	4E
T.091.090.1016.A	9,1	0,90	101,6	0,0127	347,8	3,443	music wire	4E
T.091.090.1016.I	9,1	0,90	101,6	0,0109	347,6	2,955	stainless steel	4E
T.091.090.1020.A	9,1	0,90	102,0	0,0126	349,4	3,443	music wire	4E
T.091.090.1020.I	9,1	0,90	102,0	0,0108	349,2	2,955	stainless steel	4E
T.091.090.1050.A	9,1	0,90	105,0	0,0122	360,9	3,443	music wire	4E
T.091.090.1050.I	9,1	0,90	105,0	0,0105	360,7	2,955	stainless steel	4E
T.091.090.1143.A	9,1	0,90	114,3	0,0110	396,8	3,443	music wire	4E
T.091.090.1143.I	9,1	0,90	114,3	0,0095	396,6	2,955	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.090.1150.A	9,1	0,90	115,0	0,0110	399,5	3,443	music wire	4E
T.091.090.1150.I	9,1	0,90	115,0	0,0094	399,3	2,955	stainless steel	4F
T.091.090.1270.A	9,1	0,90	127,0	0,0098	445,9	3,443	music wire	4E
T.091.090.1270.I	9,1	0,90	127,0	0,0084	445,6	2,955	stainless steel	4F
T.091.100.0190.A	9,1	1,00	19,0	0,5045	27,2	4,620	music wire	4E
T.091.100.0190.I	9,1	1,00	19,0	0,4333	27,2	3,976	stainless steel	4E
T.091.100.0191.A	9,1	1,00	19,1	0,4915	27,5	4,620	music wire	4E
T.091.100.0191.I	9,1	1,00	19,1	0,4222	27,5	3,976	stainless steel	4E
T.091.100.0250.A	9,1	1,00	25,0	0,1956	46,2	4,620	music wire	4E
T.091.100.0250.I	9,1	1,00	25,0	0,1680	46,2	3,976	stainless steel	4E
T.091.100.0254.A	9,1	1,00	25,4	0,1879	47,4	4,620	music wire	4E
T.091.100.0254.I	9,1	1,00	25,4	0,1614	47,5	3,976	stainless steel	4E
T.091.100.0284.A	9,1	1,00	28,4	0,1452	56,9	4,620	music wire	4E
T.091.100.0284.I	9,1	1,00	28,4	0,1247	56,9	3,976	stainless steel	4E
T.091.100.0290.A	9,1	1,00	29,0	0,1389	58,8	4,620	music wire	4E
T.091.100.0290.I	9,1	1,00	29,0	0,1193	58,8	3,976	stainless steel	4E
T.091.100.0318.A	9,1	1,00	31,8	0,1155	67,6	4,620	music wire	4E
T.091.100.0318.I	9,1	1,00	31,8	0,0992	67,7	3,976	stainless steel	4E
T.091.100.0320.A	9,1	1,00	32,0	0,1141	68,3	4,620	music wire	4E
T.091.100.0320.I	9,1	1,00	32,0	0,0980	68,3	3,976	stainless steel	4E
T.091.100.0348.A	9,1	1,00	34,8	0,0978	77,1	4,620	music wire	4E
T.091.100.0348.I	9,1	1,00	34,8	0,0840	77,2	3,976	stainless steel	4E
T.091.100.0350.A	9,1	1,00	35,0	0,0968	77,7	4,620	music wire	4E
T.091.100.0350.I	9,1	1,00	35,0	0,0832	77,8	3,976	stainless steel	4E
T.091.100.0380.A	9,1	1,00	38,0	0,0841	87,2	4,620	music wire	4E
T.091.100.0380.I	9,1	1,00	38,0	0,0722	87,3	3,976	stainless steel	4E
T.091.100.0381.A	9,1	1,00	38,1	0,0837	87,5	4,620	music wire	4E
T.091.100.0381.I	9,1	1,00	38,1	0,0719	87,6	3,976	stainless steel	4E
T.091.100.0444.A	9,1	1,00	44,4	0,0656	107,4	4,620	music wire	4E
T.091.100.0444.I	9,1	1,00	44,4	0,0564	107,5	3,976	stainless steel	4E
T.091.100.0450.A	9,1	1,00	45,0	0,0643	109,3	4,620	music wire	4E
T.091.100.0450.I	9,1	1,00	45,0	0,0553	109,4	3,976	stainless steel	4E
T.091.100.0480.A	9,1	1,00	48,0	0,0584	118,8	4,620	music wire	4E
T.091.100.0480.I	9,1	1,00	48,0	0,0502	118,9	3,976	stainless steel	4E
T.091.100.0500.A	9,1	1,00	50,0	0,0551	125,1	4,620	music wire	4E
T.091.100.0500.I	9,1	1,00	50,0	0,0473	125,3	3,976	stainless steel	4E
T.091.100.0508.A	9,1	1,00	50,8	0,0538	127,6	4,620	music wire	4E
T.091.100.0508.I	9,1	1,00	50,8	0,0462	127,8	3,976	stainless steel	4E
T.091.100.0570.A	9,1	1,00	57,0	0,0459	147,2	4,620	music wire	4E
T.091.100.0570.I	9,1	1,00	57,0	0,0394	147,4	3,976	stainless steel	4E
T.091.100.0572.A	9,1	1,00	57,2	0,0456	147,9	4,620	music wire	4E
T.091.100.0572.I	9,1	1,00	57,2	0,0392	148,0	3,976	stainless steel	4E
T.091.100.0635.A	9,1	1,00	63,5	0,0397	167,7	4,620	music wire	4E
T.091.100.0635.I	9,1	1,00	63,5	0,0341	167,9	3,976	stainless steel	4E
T.091.100.0640.A	9,1	1,00	64,0	0,0393	169,3	4,620	music wire	4E
T.091.100.0640.I	9,1	1,00	64,0	0,0337	169,5	3,976	stainless steel	4E
T.091.100.0698.A	9,1	1,00	69,8	0,0351	187,6	4,620	music wire	4E
T.091.100.0698.I	9,1	1,00	69,8	0,0302	187,9	3,976	stainless steel	4E
T.091.100.0700.A	9,1	1,00	70,0	0,0350	188,3	4,620	music wire	4E
T.091.100.0700.I	9,1	1,00	70,0	0,0300	188,5	3,976	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.100.0760.A	9,1	1,00	76,0	0,0315	207,2	4,620	music wire	4E
T.091.100.0760.I	9,1	1,00	76,0	0,0271	207,5	3,976	stainless steel	4E
T.091.100.0762.A	9,1	1,00	76,2	0,0314	207,9	4,620	music wire	4E
T.091.100.0762.I	9,1	1,00	76,2	0,0270	208,1	3,976	stainless steel	4E
T.091.100.0889.A	9,1	1,00	88,9	0,0260	248,0	4,620	music wire	4E
T.091.100.0889.I	9,1	1,00	88,9	0,0223	248,3	3,976	stainless steel	4E
T.091.100.0890.A	9,1	1,00	89,0	0,0260	248,3	4,620	music wire	4E
T.091.100.0890.I	9,1	1,00	89,0	0,0223	248,6	3,976	stainless steel	4E
T.091.100.1016.A	9,1	1,00	101,6	0,0222	288,1	4,620	music wire	4E
T.091.100.1016.I	9,1	1,00	101,6	0,0191	288,4	3,976	stainless steel	4E
T.091.100.1020.A	9,1	1,00	102,0	0,0221	289,3	4,620	music wire	4E
T.091.100.1020.I	9,1	1,00	102,0	0,0190	289,7	3,976	stainless steel	4E
T.091.100.1143.A	9,1	1,00	114,3	0,0193	328,2	4,620	music wire	4E
T.091.100.1143.I	9,1	1,00	114,3	0,0166	328,6	3,976	stainless steel	4F
T.091.100.1150.A	9,1	1,00	115,0	0,0192	330,4	4,620	music wire	4E
T.091.100.1150.I	9,1	1,00	115,0	0,0165	330,8	3,976	stainless steel	4F
T.091.100.1270.A	9,1	1,00	127,0	0,0171	368,3	4,620	music wire	4E
T.091.100.1270.I	9,1	1,00	127,0	0,0147	368,8	3,976	stainless steel	4F
T.091.110.0190.A	9,1	1,10	19,0	0,7816	25,8	6,020	music wire	4E
T.091.110.0190.I	9,1	1,10	19,0	0,6713	25,9	5,194	stainless steel	4F
T.091.110.0254.A	9,1	1,10	25,4	0,3052	42,9	6,020	music wire	4E
T.091.110.0254.I	9,1	1,10	25,4	0,2621	43,0	5,194	stainless steel	4F
T.091.110.0284.A	9,1	1,10	28,4	0,2374	50,9	6,020	music wire	4E
T.091.110.0284.I	9,1	1,10	28,4	0,2039	51,0	5,194	stainless steel	4F
T.091.110.0318.A	9,1	1,10	31,8	0,1896	59,9	6,020	music wire	4E
T.091.110.0318.I	9,1	1,10	31,8	0,1629	60,1	5,194	stainless steel	4F
T.091.110.0348.A	9,1	1,10	34,8	0,1610	67,9	6,020	music wire	4E
T.091.110.0348.I	9,1	1,10	34,8	0,1383	68,1	5,194	stainless steel	4F
T.091.110.0381.A	9,1	1,10	38,1	0,1381	76,7	6,020	music wire	4E
T.091.110.0381.I	9,1	1,10	38,1	0,1186	76,9	5,194	stainless steel	4F
T.091.110.0444.A	9,1	1,10	44,4	0,1086	93,5	6,020	music wire	4F
T.091.110.0444.I	9,1	1,10	44,4	0,0933	93,7	5,194	stainless steel	4F
T.091.110.0508.A	9,1	1,10	50,8	0,0893	110,6	6,020	music wire	4F
T.091.110.0508.I	9,1	1,10	50,8	0,0767	110,8	5,194	stainless steel	4F
T.091.110.0572.A	9,1	1,10	57,2	0,0758	127,6	6,020	music wire	4F
T.091.110.0572.I	9,1	1,10	57,2	0,0651	127,9	5,194	stainless steel	4F
T.091.110.0635.A	9,1	1,10	63,5	0,0659	144,4	6,020	music wire	4F
T.091.110.0635.I	9,1	1,10	63,5	0,0566	144,8	5,194	stainless steel	4F
T.091.110.0698.A	9,1	1,10	69,8	0,0584	161,2	6,020	music wire	4F
T.091.110.0698.I	9,1	1,10	69,8	0,0500	161,6	5,194	stainless steel	4F
T.091.110.0762.A	9,1	1,10	76,2	0,0523	178,3	6,020	music wire	4F
T.091.110.0762.I	9,1	1,10	76,2	0,0449	178,7	5,194	stainless steel	4F
T.091.110.0889.A	9,1	1,10	88,9	0,0433	212,1	6,020	music wire	4F
T.091.110.0889.I	9,1	1,10	88,9	0,0372	212,7	5,194	stainless steel	4G
T.091.110.1016.A	9,1	1,10	101,6	0,0370	246,0	6,020	music wire	4F
T.091.110.1016.I	9,1	1,10	101,6	0,0317	246,6	5,194	stainless steel	4G
T.091.110.1143.A	9,1	1,10	114,3	0,0322	279,8	6,020	music wire	4F
T.091.110.1143.I	9,1	1,10	114,3	0,0277	280,5	5,194	stainless steel	4G
T.091.110.1270.A	9,1	1,10	127,0	0,0286	313,6	6,020	music wire	4F
T.091.110.1270.I	9,1	1,10	127,0	0,0246	314,5	5,194	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.110.1397.A	9,1	1,10	139,7	0,0257	347,5	6,020	music wire	4G
T.091.110.1397.I	9,1	1,10	139,7	0,0221	348,4	5,194	stainless steel	4G
T.091.110.1524.A	9,1	1,10	152,4	0,0233	381,3	6,020	music wire	4G
T.091.110.1524.I	9,1	1,10	152,4	0,0200	382,4	5,194	stainless steel	4G
T.091.112.0191.A	9,1	1,12	19,1	0,8294	25,8	6,329	music wire	4E
T.091.112.0191.I	9,1	1,12	19,1	0,7123	25,9	5,462	stainless steel	4F
T.091.112.0250.A	9,1	1,12	25,0	0,3477	41,1	6,329	music wire	4E
T.091.112.0250.I	9,1	1,12	25,0	0,2987	41,2	5,462	stainless steel	4F
T.091.112.0290.A	9,1	1,12	29,0	0,2495	51,4	6,329	music wire	4E
T.091.112.0290.I	9,1	1,12	29,0	0,2143	51,5	5,462	stainless steel	4F
T.091.112.0320.A	9,1	1,12	32,0	0,2059	59,2	6,329	music wire	4E
T.091.112.0320.I	9,1	1,12	32,0	0,1768	59,3	5,462	stainless steel	4F
T.091.112.0350.A	9,1	1,12	35,0	0,1753	66,9	6,329	music wire	4E
T.091.112.0350.I	9,1	1,12	35,0	0,1505	67,1	5,462	stainless steel	4F
T.091.112.0380.A	9,1	1,12	38,0	0,1525	74,7	6,329	music wire	4E
T.091.112.0380.I	9,1	1,12	38,0	0,1310	74,9	5,462	stainless steel	4F
T.091.112.0410.A	9,1	1,12	41,0	0,1351	82,4	6,329	music wire	4E
T.091.112.0410.I	9,1	1,12	41,0	0,1160	82,7	5,462	stainless steel	4F
T.091.112.0450.A	9,1	1,12	45,0	0,1171	92,8	6,329	music wire	4F
T.091.112.0450.I	9,1	1,12	45,0	0,1006	93,0	5,462	stainless steel	4F
T.091.112.0480.A	9,1	1,12	48,0	0,1065	100,5	6,329	music wire	4F
T.091.112.0480.I	9,1	1,12	48,0	0,0915	100,8	5,462	stainless steel	4F
T.091.112.0500.A	9,1	1,12	50,0	0,1005	105,7	6,329	music wire	4F
T.091.112.0500.I	9,1	1,12	50,0	0,0863	106,0	5,462	stainless steel	4F
T.091.112.0540.A	9,1	1,12	54,0	0,0900	116,0	6,329	music wire	4F
T.091.112.0540.I	9,1	1,12	54,0	0,0775	116,4	5,462	stainless steel	4F
T.091.112.0570.A	9,1	1,12	57,0	0,0838	123,8	6,329	music wire	4F
T.091.112.0570.I	9,1	1,12	57,0	0,0720	124,1	5,462	stainless steel	4F
T.091.112.0600.A	9,1	1,12	60,0	0,0782	131,5	6,329	music wire	4F
T.091.112.0600.I	9,1	1,12	60,0	0,0672	131,9	5,462	stainless steel	4F
T.091.112.0640.A	9,1	1,12	64,0	0,0719	141,9	6,329	music wire	4F
T.091.112.0640.I	9,1	1,12	64,0	0,0617	142,3	5,462	stainless steel	4F
T.091.112.0700.A	9,1	1,12	70,0	0,0641	157,4	6,329	music wire	4F
T.091.112.0700.I	9,1	1,12	70,0	0,0550	157,8	5,462	stainless steel	4F
T.091.112.0760.A	9,1	1,12	76,0	0,0578	172,9	6,329	music wire	4F
T.091.112.0760.I	9,1	1,12	76,0	0,0496	173,4	5,462	stainless steel	4F
T.091.112.0890.A	9,1	1,12	89,0	0,0476	206,5	6,329	music wire	4F
T.091.112.0890.I	9,1	1,12	89,0	0,0409	207,1	5,462	stainless steel	4G
T.091.112.1020.A	9,1	1,12	102,0	0,0405	240,1	6,329	music wire	4F
T.091.112.1020.I	9,1	1,12	102,0	0,0348	240,8	5,462	stainless steel	4G
T.091.112.1150.A	9,1	1,12	115,0	0,0353	273,7	6,329	music wire	4F
T.091.112.1150.I	9,1	1,12	115,0	0,0303	274,5	5,462	stainless steel	4G
T.091.112.1270.A	9,1	1,12	127,0	0,0315	304,7	6,329	music wire	4F
T.091.112.1270.I	9,1	1,12	127,0	0,0271	305,6	5,462	stainless steel	4G
T.091.112.1400.A	9,1	1,12	140,0	0,0282	338,3	6,329	music wire	4G
T.091.112.1400.I	9,1	1,12	140,0	0,0242	339,3	5,462	stainless steel	4G
T.091.112.1520.A	9,1	1,12	152,0	0,0258	369,3	6,329	music wire	4G
T.091.112.1520.I	9,1	1,12	152,0	0,0221	370,4	5,462	stainless steel	4G
T.091.125.0254.A	9,1	1,25	25,4	0,5869	38,2	8,569	music wire	4F
T.091.125.0254.I	9,1	1,25	25,4	0,5041	38,3	7,419	stainless steel	4F



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.125.0284.A	9,1	1,25	28,4	0,4607	44,7	8,569	music wire	4F
T.091.125.0284.I	9,1	1,25	28,4	0,3957	44,8	7,419	stainless steel	4F
T.091.125.0318.A	9,1	1,25	31,8	0,3704	52,0	8,569	music wire	4F
T.091.125.0318.I	9,1	1,25	31,8	0,3182	52,2	7,419	stainless steel	4F
T.091.125.0348.A	9,1	1,25	34,8	0,3158	58,5	8,569	music wire	4F
T.091.125.0348.I	9,1	1,25	34,8	0,2713	58,7	7,419	stainless steel	4F
T.091.125.0381.A	9,1	1,25	38,1	0,2718	65,7	8,569	music wire	4F
T.091.125.0381.I	9,1	1,25	38,1	0,2334	65,9	7,419	stainless steel	4F
T.091.125.0444.A	9,1	1,25	44,4	0,2146	79,3	8,569	music wire	4F
T.091.125.0444.I	9,1	1,25	44,4	0,1843	79,6	7,419	stainless steel	4F
T.091.125.0508.A	9,1	1,25	50,8	0,1768	93,2	8,569	music wire	4F
T.091.125.0508.I	9,1	1,25	50,8	0,1519	93,5	7,419	stainless steel	4F
T.091.125.0572.A	9,1	1,25	57,2	0,1503	107,0	8,569	music wire	4F
T.091.125.0572.I	9,1	1,25	57,2	0,1291	107,4	7,419	stainless steel	4F
T.091.125.0635.A	9,1	1,25	63,5	0,1310	120,6	8,569	music wire	4F
T.091.125.0635.I	9,1	1,25	63,5	0,1125	121,1	7,419	stainless steel	4G
T.091.125.0698.A	9,1	1,25	69,8	0,1161	134,3	8,569	music wire	4F
T.091.125.0698.I	9,1	1,25	69,8	0,1000	134,8	7,419	stainless steel	4G
T.091.125.0762.A	9,1	1,25	76,2	0,1041	148,1	8,569	music wire	4F
T.091.125.0762.I	9,1	1,25	76,2	0,0894	148,7	7,419	stainless steel	4G
T.091.125.1016.A	9,1	1,25	101,6	0,0737	203,1	8,569	music wire	4F
T.091.125.1016.I	9,1	1,25	101,6	0,0633	204,0	7,419	stainless steel	4G
T.091.125.1143.A	9,1	1,25	114,3	0,0644	230,6	8,569	music wire	4G
T.091.125.1143.I	9,1	1,25	114,3	0,0553	231,6	7,419	stainless steel	4G
T.091.125.1270.A	9,1	1,25	127,0	0,0571	258,1	8,569	music wire	4G
T.091.125.1270.I	9,1	1,25	127,0	0,0490	259,2	7,419	stainless steel	4G
T.091.125.1397.A	9,1	1,25	139,7	0,0513	285,6	8,569	music wire	4G
T.091.125.1397.I	9,1	1,25	139,7	0,0441	286,8	7,419	stainless steel	4G
T.091.125.1524.A	9,1	1,25	152,4	0,0466	313,1	8,569	music wire	4G
T.091.125.1524.I	9,1	1,25	152,4	0,0400	314,4	7,419	stainless steel	4G
T.091.130.0250.A	9,1	1,30	25,0	0,7449	36,1	9,544	music wire	4G
T.091.130.0250.I	9,1	1,30	25,0	0,6398	36,2	8,272	stainless steel	4G
T.091.130.0290.A	9,1	1,30	29,0	0,5422	44,3	9,544	music wire	4G
T.091.130.0290.I	9,1	1,30	29,0	0,4657	44,5	8,272	stainless steel	4G
T.091.130.0320.A	9,1	1,30	32,0	0,4503	50,4	9,544	music wire	4G
T.091.130.0320.I	9,1	1,30	32,0	0,3868	50,6	8,272	stainless steel	4H
T.091.130.0350.A	9,1	1,30	35,0	0,3851	56,6	9,544	music wire	4G
T.091.130.0350.I	9,1	1,30	35,0	0,3307	56,8	8,272	stainless steel	4H
T.091.130.0380.A	9,1	1,30	38,0	0,3363	62,7	9,544	music wire	4G
T.091.130.0380.I	9,1	1,30	38,0	0,2889	62,9	8,272	stainless steel	4H
T.091.130.0450.A	9,1	1,30	45,0	0,2596	77,0	9,544	music wire	4G
T.091.130.0450.I	9,1	1,30	45,0	0,2230	77,3	8,272	stainless steel	4H
T.091.130.0500.A	9,1	1,30	50,0	0,2233	87,2	9,544	music wire	4G
T.091.130.0500.I	9,1	1,30	50,0	0,1918	87,5	8,272	stainless steel	4H
T.091.130.0570.A	9,1	1,30	57,0	0,1867	101,5	9,544	music wire	4G
T.091.130.0570.I	9,1	1,30	57,0	0,1603	101,9	8,272	stainless steel	4H
T.091.130.0640.A	9,1	1,30	64,0	0,1604	115,8	9,544	music wire	4G
T.091.130.0640.I	9,1	1,30	64,0	0,1377	116,2	8,272	stainless steel	4H
T.091.130.0700.A	9,1	1,30	70,0	0,1431	128,0	9,544	music wire	4G
T.091.130.0700.I	9,1	1,30	70,0	0,1229	128,6	8,272	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.130.0760.A	9,1	1,30	76,0	0,1292	140,3	9,544	music wire	4G
T.091.130.0760.I	9,1	1,30	76,0	0,1110	140,9	8,272	stainless steel	4H
T.091.140.0250.A	9,1	1,40	25,0	1,0910	34,2	11,690	music wire	4G
T.091.140.0250.I	9,1	1,40	25,0	0,9371	34,3	10,153	stainless steel	4H
T.091.140.0254.A	9,1	1,40	25,4	1,0528	35,0	11,690	music wire	4G
T.091.140.0254.I	9,1	1,40	25,4	0,9042	35,1	10,153	stainless steel	4H
T.091.140.0284.A	9,1	1,40	28,4	0,8334	40,5	11,690	music wire	4G
T.091.140.0284.I	9,1	1,40	28,4	0,7158	40,6	10,153	stainless steel	4H
T.091.140.0290.A	9,1	1,40	29,0	0,8000	41,6	11,690	music wire	4G
T.091.140.0290.I	9,1	1,40	29,0	0,6872	41,7	10,153	stainless steel	4H
T.091.140.0318.A	9,1	1,40	31,8	0,6742	46,8	11,690	music wire	4G
T.091.140.0318.I	9,1	1,40	31,8	0,5791	46,9	10,153	stainless steel	4H
T.091.140.0320.A	9,1	1,40	32,0	0,6668	47,1	11,690	music wire	4G
T.091.140.0320.I	9,1	1,40	32,0	0,5727	47,3	10,153	stainless steel	4H
T.091.140.0348.A	9,1	1,40	34,8	0,5770	52,3	11,690	music wire	4G
T.091.140.0348.I	9,1	1,40	34,8	0,4956	52,5	10,153	stainless steel	4H
T.091.140.0350.A	9,1	1,40	35,0	0,5715	52,6	11,690	music wire	4G
T.091.140.0350.I	9,1	1,40	35,0	0,4909	52,8	10,153	stainless steel	4H
T.091.140.0380.A	9,1	1,40	38,0	0,5000	58,2	11,690	music wire	4G
T.091.140.0380.I	9,1	1,40	38,0	0,4295	58,4	10,153	stainless steel	4H
T.091.140.0381.A	9,1	1,40	38,1	0,4980	58,3	11,690	music wire	4G
T.091.140.0381.I	9,1	1,40	38,1	0,4277	58,6	10,153	stainless steel	4H
T.091.140.0444.A	9,1	1,40	44,4	0,3948	69,9	11,690	music wire	4G
T.091.140.0444.I	9,1	1,40	44,4	0,3391	70,2	10,153	stainless steel	4H
T.091.140.0450.A	9,1	1,40	45,0	0,3871	71,0	11,690	music wire	4G
T.091.140.0450.I	9,1	1,40	45,0	0,3325	71,3	10,153	stainless steel	4H
T.091.140.0500.A	9,1	1,40	50,0	0,3334	80,2	11,690	music wire	4G
T.091.140.0500.I	9,1	1,40	50,0	0,2863	80,6	10,153	stainless steel	4H
T.091.140.0508.A	9,1	1,40	50,8	0,3261	81,7	11,690	music wire	4G
T.091.140.0508.I	9,1	1,40	50,8	0,2801	82,1	10,153	stainless steel	4H
T.091.140.0570.A	9,1	1,40	57,0	0,2791	93,1	11,690	music wire	4G
T.091.140.0570.I	9,1	1,40	57,0	0,2397	93,5	10,153	stainless steel	4H
T.091.140.0572.A	9,1	1,40	57,2	0,2778	93,5	11,690	music wire	4G
T.091.140.0572.I	9,1	1,40	57,2	0,2386	93,9	10,153	stainless steel	4H
T.091.140.0635.A	9,1	1,40	63,5	0,2425	105,1	11,690	music wire	4G
T.091.140.0635.I	9,1	1,40	63,5	0,2082	105,6	10,153	stainless steel	4H
T.091.140.0640.A	9,1	1,40	64,0	0,2400	106,0	11,690	music wire	4G
T.091.140.0640.I	9,1	1,40	64,0	0,2062	106,5	10,153	stainless steel	4H
T.091.140.0698.A	9,1	1,40	69,8	0,2151	116,7	11,690	music wire	4H
T.091.140.0698.I	9,1	1,40	69,8	0,1847	117,2	10,153	stainless steel	4H
T.091.140.0700.A	9,1	1,40	70,0	0,2143	117,1	11,690	music wire	4H
T.091.140.0700.I	9,1	1,40	70,0	0,1841	117,6	10,153	stainless steel	4H
T.091.140.0760.A	9,1	1,40	76,0	0,1936	128,1	11,690	music wire	4H
T.091.140.0760.I	9,1	1,40	76,0	0,1663	128,7	10,153	stainless steel	4H
T.091.140.0762.A	9,1	1,40	76,2	0,1930	128,5	11,690	music wire	4H
T.091.140.0762.I	9,1	1,40	76,2	0,1657	129,1	10,153	stainless steel	4H
T.091.140.0889.A	9,1	1,40	88,9	0,1602	151,8	11,690	music wire	4H
T.091.140.0889.I	9,1	1,40	88,9	0,1376	152,5	10,153	stainless steel	4H
T.091.140.0890.A	9,1	1,40	89,0	0,1600	152,0	11,690	music wire	4H
T.091.140.0890.I	9,1	1,40	89,0	0,1374	152,7	10,153	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.140.0950.A	9,1	1,40	95,0	0,1482	163,1	11,690	music wire	4H
T.091.140.0950.I	9,1	1,40	95,0	0,1273	163,8	10,153	stainless steel	4H
T.091.140.1016.A	9,1	1,40	101,6	0,1370	175,2	11,690	music wire	4H
T.091.140.1016.I	9,1	1,40	101,6	0,1177	176,0	10,153	stainless steel	4H
T.091.140.1020.A	9,1	1,40	102,0	0,1364	175,9	11,690	music wire	4H
T.091.140.1020.I	9,1	1,40	102,0	0,1171	176,8	10,153	stainless steel	4H
T.091.140.1143.A	9,1	1,40	114,3	0,1197	198,6	11,690	music wire	4H
T.091.140.1143.I	9,1	1,40	114,3	0,1028	199,5	10,153	stainless steel	4I
T.091.140.1150.A	9,1	1,40	115,0	0,1188	199,9	11,690	music wire	4H
T.091.140.1150.I	9,1	1,40	115,0	0,1021	200,8	10,153	stainless steel	4I
T.091.140.1270.A	9,1	1,40	127,0	0,1062	221,9	11,690	music wire	4H
T.091.140.1270.I	9,1	1,40	127,0	0,0912	223,0	10,153	stainless steel	4I
T.091.140.1397.A	9,1	1,40	139,7	0,0955	245,3	11,690	music wire	4H
T.091.140.1397.I	9,1	1,40	139,7	0,0820	246,5	10,153	stainless steel	4I
T.091.140.1400.A	9,1	1,40	140,0	0,0953	245,9	11,690	music wire	4H
T.091.140.1400.I	9,1	1,40	140,0	0,0818	247,1	10,153	stainless steel	4I
T.091.140.1520.A	9,1	1,40	152,0	0,0870	267,9	11,690	music wire	4H
T.091.140.1520.I	9,1	1,40	152,0	0,0747	269,3	10,153	stainless steel	4I
T.091.140.1524.A	9,1	1,40	152,4	0,0867	268,7	11,690	music wire	4H
T.091.140.1524.I	9,1	1,40	152,4	0,0745	270,0	10,153	stainless steel	4I
T.091.150.0254.A	9,1	1,50	25,4	1,5063	33,4	14,102	music wire	4H
T.091.150.0254.I	9,1	1,50	25,4	1,2937	33,5	12,274	stainless steel	4I
T.091.150.0284.A	9,1	1,50	28,4	1,1989	38,5	14,102	music wire	4H
T.091.150.0284.I	9,1	1,50	28,4	1,0297	38,6	12,274	stainless steel	4I
T.091.150.0318.A	9,1	1,50	31,8	0,9737	44,2	14,102	music wire	4H
T.091.150.0318.I	9,1	1,50	31,8	0,8363	44,4	12,274	stainless steel	4I
T.091.150.0348.A	9,1	1,50	34,8	0,8352	49,2	14,102	music wire	4H
T.091.150.0348.I	9,1	1,50	34,8	0,7174	49,4	12,274	stainless steel	4I
T.091.150.0381.A	9,1	1,50	38,1	0,7223	54,8	14,102	music wire	4H
T.091.150.0381.I	9,1	1,50	38,1	0,6203	55,0	12,274	stainless steel	4I
T.091.150.0444.A	9,1	1,50	44,4	0,5740	65,4	14,102	music wire	4I
T.091.150.0444.I	9,1	1,50	44,4	0,4930	65,7	12,274	stainless steel	4I
T.091.150.0508.A	9,1	1,50	50,8	0,4750	76,2	14,102	music wire	4I
T.091.150.0508.I	9,1	1,50	50,8	0,4080	76,5	12,274	stainless steel	4I
T.091.150.0572.A	9,1	1,50	57,2	0,4051	87,0	14,102	music wire	4I
T.091.150.0572.I	9,1	1,50	57,2	0,3480	87,4	12,274	stainless steel	4I
T.091.150.0635.A	9,1	1,50	63,5	0,3539	97,6	14,102	music wire	4I
T.091.150.0635.I	9,1	1,50	63,5	0,3039	98,0	12,274	stainless steel	4I
T.091.150.0698.A	9,1	1,50	69,8	0,3141	108,2	14,102	music wire	4I
T.091.150.0698.I	9,1	1,50	69,8	0,2698	108,7	12,274	stainless steel	4I
T.091.150.0762.A	9,1	1,50	76,2	0,2820	119,0	14,102	music wire	4I
T.091.150.0762.I	9,1	1,50	76,2	0,2422	119,6	12,274	stainless steel	4I
T.091.150.0889.A	9,1	1,50	88,9	0,2344	140,4	14,102	music wire	4I
T.091.150.0889.I	9,1	1,50	88,9	0,2013	141,1	12,274	stainless steel	4I
T.091.150.1016.A	9,1	1,50	101,6	0,2000	161,8	14,102	music wire	4I
T.091.150.1016.I	9,1	1,50	101,6	0,1722	162,6	12,274	stainless steel	4I
T.091.150.1143.A	9,1	1,50	114,3	0,1752	183,2	14,102	music wire	4I
T.091.150.1143.I	9,1	1,50	114,3	0,1505	184,1	12,274	stainless steel	4I
T.091.150.1270.A	9,1	1,50	127,0	0,1555	204,6	14,102	music wire	4I
T.091.150.1270.I	9,1	1,50	127,0	0,1336	205,6	12,274	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.091.150.1397.A	9,1	1,50	139,7	0,1399	226,0	14,102	music wire	4I
T.091.150.1397.I	9,1	1,50	139,7	0,1201	227,1	12,274	stainless steel	4I
T.091.150.1524.A	9,1	1,50	152,4	0,1271	247,4	14,102	music wire	4I
T.091.150.1524.I	9,1	1,50	152,4	0,1091	248,6	12,274	stainless steel	4I
T.092.080.0200.A	9,2	0,80	20,0	0,1408	36,0	2,445	music wire	4C
T.092.080.0200.I	9,2	0,80	20,0	0,1209	35,2	2,012	stainless steel	4C
T.092.080.0220.A	9,2	0,80	22,0	0,0939	46,0	2,450	music wire	4C
T.092.080.0220.I	9,2	0,80	22,0	0,0806	45,9	2,096	stainless steel	4C
T.092.080.0250.A	9,2	0,80	25,0	0,0626	61,0	2,450	music wire	4C
T.092.080.0250.I	9,2	0,80	25,0	0,0538	60,9	2,096	stainless steel	4C
T.092.080.0290.A	9,2	0,80	29,0	0,0433	81,0	2,450	music wire	4C
T.092.080.0290.I	9,2	0,80	29,0	0,0372	80,8	2,096	stainless steel	4C
T.092.080.0320.A	9,2	0,80	32,0	0,0352	96,0	2,450	music wire	4C
T.092.080.0320.I	9,2	0,80	32,0	0,0302	95,8	2,096	stainless steel	4C
T.092.080.0350.A	9,2	0,80	35,0	0,0296	111,0	2,450	music wire	4C
T.092.080.0350.I	9,2	0,80	35,0	0,0255	110,7	2,096	stainless steel	4C
T.092.080.0380.A	9,2	0,80	38,0	0,0256	126,0	2,450	music wire	4C
T.092.080.0380.I	9,2	0,80	38,0	0,0220	125,7	2,096	stainless steel	4C
T.092.080.0400.A	9,2	0,80	40,0	0,0235	135,8	2,445	music wire	4C
T.092.080.0400.I	9,2	0,80	40,0	0,0202	131,5	2,012	stainless steel	4C
T.092.080.0450.A	9,2	0,80	45,0	0,0194	161,0	2,450	music wire	4C
T.092.080.0450.I	9,2	0,80	45,0	0,0167	160,6	2,096	stainless steel	4C
T.092.080.0500.A	9,2	0,80	50,0	0,0166	186,0	2,450	music wire	4C
T.092.080.0500.I	9,2	0,80	50,0	0,0142	185,5	2,096	stainless steel	4C
T.092.080.0570.A	9,2	0,80	57,0	0,0137	221,0	2,450	music wire	4C
T.092.080.0570.I	9,2	0,80	57,0	0,0118	220,4	2,096	stainless steel	4D
T.092.080.0600.A	9,2	0,80	60,0	0,0128	235,7	2,445	music wire	4C
T.092.080.0600.I	9,2	0,80	60,0	0,0110	227,7	2,012	stainless steel	4D
T.092.080.0640.A	9,2	0,80	64,0	0,0117	256,0	2,450	music wire	4C
T.092.080.0640.I	9,2	0,80	64,0	0,0101	255,3	2,096	stainless steel	4D
T.092.080.0700.A	9,2	0,80	70,0	0,0104	286,0	2,450	music wire	4C
T.092.080.0700.I	9,2	0,80	70,0	0,0090	285,2	2,096	stainless steel	4D
T.092.080.0760.A	9,2	0,80	76,0	0,0094	316,0	2,450	music wire	4C
T.092.080.0760.I	9,2	0,80	76,0	0,0081	315,1	2,096	stainless steel	4D
T.092.080.0800.A	9,2	0,80	80,0	0,0088	335,5	2,445	music wire	4C
T.092.080.0800.I	9,2	0,80	80,0	0,0076	323,9	2,012	stainless steel	4D
T.092.080.1000.A	9,2	0,80	100,0	0,0067	435,4	2,445	music wire	4D
T.092.080.1000.I	9,2	0,80	100,0	0,0058	420,2	2,012	stainless steel	4D
T.092.080.1200.A	9,2	0,80	120,0	0,0054	535,2	2,445	music wire	4D
T.092.080.1200.I	9,2	0,80	120,0	0,0047	516,4	2,012	stainless steel	4D
T.092.080.2000.A	9,2	0,80	200,0	0,0031	934,6	2,445	music wire	4E
T.092.080.2000.I	9,2	0,80	200,0	0,0026	901,3	2,012	stainless steel	4E
T.092.100.0200.A	9,2	1,00	20,0	0,4017	30,2	4,573	music wire	4E
T.092.100.0200.I	9,2	1,00	20,0	0,3450	29,8	3,778	stainless steel	4E
T.092.100.0250.A	9,2	1,00	25,0	0,1925	46,3	4,573	music wire	4E
T.092.100.0250.I	9,2	1,00	25,0	0,1653	46,3	3,935	stainless steel	4E
T.092.100.0290.A	9,2	1,00	29,0	0,1359	59,2	4,573	music wire	4E
T.092.100.0290.I	9,2	1,00	29,0	0,1167	59,2	3,935	stainless steel	4E
T.092.100.0320.A	9,2	1,00	32,0	0,1113	68,8	4,573	music wire	4E
T.092.100.0320.I	9,2	1,00	32,0	0,0956	68,9	3,935	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.092.100.0350.A	9,2	1,00	35,0	0,0943	78,5	4,573	music wire	4E
T.092.100.0350.I	9,2	1,00	35,0	0,0810	78,6	3,935	stainless steel	4E
T.092.100.0380.A	9,2	1,00	38,0	0,0818	88,1	4,573	music wire	4E
T.092.100.0380.I	9,2	1,00	38,0	0,0702	88,2	3,935	stainless steel	4E
T.092.100.0400.A	9,2	1,00	40,0	0,0751	94,6	4,573	music wire	4E
T.092.100.0400.I	9,2	1,00	40,0	0,0645	92,3	3,778	stainless steel	4E
T.092.100.0450.A	9,2	1,00	45,0	0,0624	110,7	4,573	music wire	4E
T.092.100.0450.I	9,2	1,00	45,0	0,0536	110,8	3,935	stainless steel	4E
T.092.100.0500.A	9,2	1,00	50,0	0,0534	126,8	4,573	music wire	4E
T.092.100.0500.I	9,2	1,00	50,0	0,0459	126,9	3,935	stainless steel	4E
T.092.100.0570.A	9,2	1,00	57,0	0,0444	149,3	4,573	music wire	4E
T.092.100.0570.I	9,2	1,00	57,0	0,0381	149,5	3,935	stainless steel	4E
T.092.100.0600.A	9,2	1,00	60,0	0,0414	159,0	4,573	music wire	4E
T.092.100.0600.I	9,2	1,00	60,0	0,0356	154,7	3,778	stainless steel	4E
T.092.100.0640.A	9,2	1,00	64,0	0,0380	171,8	4,573	music wire	4E
T.092.100.0640.I	9,2	1,00	64,0	0,0327	172,0	3,935	stainless steel	4E
T.092.100.0700.A	9,2	1,00	70,0	0,0338	191,2	4,573	music wire	4E
T.092.100.0700.I	9,2	1,00	70,0	0,0291	191,4	3,935	stainless steel	4E
T.092.100.0760.A	9,2	1,00	76,0	0,0305	210,5	4,573	music wire	4E
T.092.100.0760.I	9,2	1,00	76,0	0,0262	210,7	3,935	stainless steel	4E
T.092.100.0800.A	9,2	1,00	80,0	0,0286	223,3	4,573	music wire	4E
T.092.100.0800.I	9,2	1,00	80,0	0,0246	217,2	3,778	stainless steel	4E
T.092.100.1000.A	9,2	1,00	100,0	0,0218	287,7	4,573	music wire	4E
T.092.100.1000.I	9,2	1,00	100,0	0,0188	279,7	3,778	stainless steel	4E
T.092.100.1200.A	9,2	1,00	120,0	0,0177	352,1	4,573	music wire	4E
T.092.100.1200.I	9,2	1,00	120,0	0,0152	342,2	3,778	stainless steel	4F
T.092.100.2000.A	9,2	1,00	200,0	0,0100	609,6	4,573	music wire	4F
T.092.100.2000.I	9,2	1,00	200,0	0,0086	592,1	3,778	stainless steel	4G
T.092.100.2600.A	9,2	1,00	260,0	0,0076	802,8	4,573	music wire	4G
T.092.100.2600.I	9,2	1,00	260,0	0,0065	779,5	3,778	stainless steel	4G
T.092.110.0410.A	9,2	1,10	41,0	0,1192	85,4	5,959	music wire	4F
T.092.110.0410.I	9,2	1,10	41,0	0,1024	85,6	5,141	stainless steel	4F
T.092.110.0480.A	9,2	1,10	48,0	0,0938	104,3	5,959	music wire	4F
T.092.110.0480.I	9,2	1,10	48,0	0,0806	104,6	5,141	stainless steel	4F
T.092.110.1000.A	9,2	1,10	100,0	0,0364	245,6	5,964	music wire	4F
T.092.110.1000.I	9,2	1,10	100,0	0,0312	239,5	4,936	stainless steel	4G
T.092.110.2000.A	9,2	1,10	200,0	0,0167	517,0	5,964	music wire	4G
T.092.110.2000.I	9,2	1,10	200,0	0,0143	503,8	4,936	stainless steel	4G
T.092.120.0670.A	9,2	1,20	67,0	0,0948	137,2	7,581	music wire	4F
T.092.120.0670.I	9,2	1,20	67,0	0,0815	137,7	6,556	stainless steel	4G
T.092.125.0250.A	9,2	1,25	25,0	0,5978	37,4	8,484	music wire	4F
T.092.125.0250.I	9,2	1,25	25,0	0,5135	37,5	7,345	stainless steel	4F
T.092.125.0270.A	9,2	1,25	27,0	0,5000	41,8	8,484	music wire	4F
T.092.125.0270.I	9,2	1,25	27,0	0,4303	41,9	7,345	stainless steel	4F
T.092.125.0290.A	9,2	1,25	29,0	0,4312	46,2	8,484	music wire	4F
T.092.125.0290.I	9,2	1,25	29,0	0,3703	46,4	7,345	stainless steel	4F
T.092.125.0320.A	9,2	1,25	32,0	0,3566	52,8	8,484	music wire	4F
T.092.125.0320.I	9,2	1,25	32,0	0,3063	53,0	7,345	stainless steel	4F
T.092.125.0350.A	9,2	1,25	35,0	0,3041	59,4	8,484	music wire	4F
T.092.125.0350.I	9,2	1,25	35,0	0,2612	59,6	7,345	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.092.125.0380.A	9,2	1,25	38,0	0,2650	66,0	8,484	music wire	4F
T.092.125.0380.I	9,2	1,25	38,0	0,2276	66,2	7,345	stainless steel	4F
T.092.125.0400.A	9,2	1,25	40,0	0,2438	70,5	8,501	music wire	4F
T.092.125.0400.I	9,2	1,25	40,0	0,2094	69,3	7,051	stainless steel	4F
T.092.125.0433.A	9,2	1,25	43,3	0,2160	77,7	8,484	music wire	4F
T.092.125.0433.I	9,2	1,25	43,3	0,1855	77,9	7,345	stainless steel	4F
T.092.125.0450.A	9,2	1,25	45,0	0,2039	81,4	8,484	music wire	4F
T.092.125.0450.I	9,2	1,25	45,0	0,1751	81,7	7,345	stainless steel	4F
T.092.125.0500.A	9,2	1,25	50,0	0,1750	92,4	8,484	music wire	4F
T.092.125.0500.I	9,2	1,25	50,0	0,1503	92,7	7,345	stainless steel	4F
T.092.125.0570.A	9,2	1,25	57,0	0,1461	107,8	8,484	music wire	4F
T.092.125.0570.I	9,2	1,25	57,0	0,1255	108,2	7,345	stainless steel	4F
T.092.125.0585.A	9,2	1,25	58,5	0,1411	111,1	8,484	music wire	4F
T.092.125.0585.I	9,2	1,25	58,5	0,1212	111,5	7,345	stainless steel	4F
T.092.125.0600.A	9,2	1,25	60,0	0,1364	114,5	8,501	music wire	4F
T.092.125.0600.I	9,2	1,25	60,0	0,1171	112,4	7,051	stainless steel	4F
T.092.125.0640.A	9,2	1,25	64,0	0,1254	123,2	8,484	music wire	4F
T.092.125.0640.I	9,2	1,25	64,0	0,1077	123,7	7,345	stainless steel	4G
T.092.125.0700.A	9,2	1,25	70,0	0,1118	136,4	8,484	music wire	4F
T.092.125.0700.I	9,2	1,25	70,0	0,0960	136,9	7,345	stainless steel	4G
T.092.125.0708.A	9,2	1,25	70,8	0,1100	138,2	8,484	music wire	4F
T.092.125.0708.I	9,2	1,25	70,8	0,0946	138,7	7,345	stainless steel	4G
T.092.125.0760.A	9,2	1,25	76,0	0,1009	149,6	8,484	music wire	4F
T.092.125.0760.I	9,2	1,25	76,0	0,0866	150,2	7,345	stainless steel	4G
T.092.125.0795.A	9,2	1,25	79,5	0,0954	157,3	8,484	music wire	4F
T.092.125.0795.I	9,2	1,25	79,5	0,0820	157,9	7,345	stainless steel	4G
T.092.125.0800.A	9,2	1,25	80,0	0,0946	158,6	8,501	music wire	4F
T.092.125.0800.I	9,2	1,25	80,0	0,0813	155,4	7,051	stainless steel	4G
T.092.125.0890.A	9,2	1,25	89,0	0,0832	178,2	8,484	music wire	4F
T.092.125.0890.I	9,2	1,25	89,0	0,0715	178,9	7,345	stainless steel	4G
T.092.125.0895.A	9,2	1,25	89,5	0,0827	179,3	8,484	music wire	4F
T.092.125.0895.I	9,2	1,25	89,5	0,0710	180,0	7,345	stainless steel	4G
T.092.125.0995.A	9,2	1,25	99,5	0,0729	201,3	8,484	music wire	4F
T.092.125.0995.I	9,2	1,25	99,5	0,0626	202,1	7,345	stainless steel	4G
T.092.125.1000.A	9,2	1,25	100,0	0,0725	202,6	8,501	music wire	4F
T.092.125.1000.I	9,2	1,25	100,0	0,0622	198,5	7,051	stainless steel	4G
T.092.125.1020.A	9,2	1,25	102,0	0,0708	206,8	8,484	music wire	4F
T.092.125.1020.I	9,2	1,25	102,0	0,0608	207,6	7,345	stainless steel	4G
T.092.125.1090.A	9,2	1,25	109,0	0,0656	222,2	8,484	music wire	4F
T.092.125.1090.I	9,2	1,25	109,0	0,0563	223,1	7,345	stainless steel	4G
T.092.125.1150.A	9,2	1,25	115,0	0,0617	235,4	8,484	music wire	4G
T.092.125.1150.I	9,2	1,25	115,0	0,0530	236,3	7,345	stainless steel	4G
T.092.125.1200.A	9,2	1,25	120,0	0,0587	246,7	8,501	music wire	4G
T.092.125.1200.I	9,2	1,25	120,0	0,0504	241,6	7,051	stainless steel	4G
T.092.125.1270.A	9,2	1,25	127,0	0,0551	261,8	8,484	music wire	4G
T.092.125.1270.I	9,2	1,25	127,0	0,0473	262,9	7,345	stainless steel	4G
T.092.125.1400.A	9,2	1,25	140,0	0,0494	290,4	8,484	music wire	4G
T.092.125.1400.I	9,2	1,25	140,0	0,0424	291,6	7,345	stainless steel	4G
T.092.125.1520.A	9,2	1,25	152,0	0,0450	316,8	8,484	music wire	4G
T.092.125.1520.I	9,2	1,25	152,0	0,0387	318,1	7,345	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.092.125.1600.A	9,2	1,25	160,0	0,0426	334,8	8,501	music wire	4G
T.092.125.1600.I	9,2	1,25	160,0	0,0366	327,7	7,051	stainless steel	4G
T.092.125.1800.A	9,2	1,25	180,0	0,0374	378,8	8,501	music wire	4G
T.092.125.1800.I	9,2	1,25	180,0	0,0321	370,8	7,051	stainless steel	4G
T.092.125.2000.A	9,2	1,25	200,0	0,0334	422,8	8,501	music wire	4G
T.092.125.2000.I	9,2	1,25	200,0	0,0287	413,9	7,051	stainless steel	4G
T.092.125.2200.A	9,2	1,25	220,0	0,0301	466,9	8,501	music wire	4G
T.092.125.2200.I	9,2	1,25	220,0	0,0259	457,0	7,051	stainless steel	4G
T.092.125.3000.A	9,2	1,25	300,0	0,0217	643,0	8,501	music wire	4H
T.092.125.3000.I	9,2	1,25	300,0	0,0186	629,3	7,051	stainless steel	4H
T.092.140.0220.A	9,2	1,40	22,0	1,4727	28,8	11,612	music wire	4G
T.092.140.0220.I	9,2	1,40	22,0	1,2649	28,5	9,652	stainless steel	4H
T.092.140.0350.A	9,2	1,40	35,0	0,5551	53,0	11,575	music wire	4G
T.092.140.0350.I	9,2	1,40	35,0	0,4768	53,2	10,054	stainless steel	4H
T.092.140.0570.A	9,2	1,40	57,0	0,2698	94,1	11,575	music wire	4G
T.092.140.0570.I	9,2	1,40	57,0	0,2317	94,5	10,054	stainless steel	4H
T.092.140.0830.A	9,2	1,40	83,0	0,1678	142,6	11,575	music wire	4H
T.092.140.0830.I	9,2	1,40	83,0	0,1441	143,2	10,054	stainless steel	4H
T.092.140.1000.A	9,2	1,40	100,0	0,1345	174,6	11,612	music wire	4H
T.092.140.1000.I	9,2	1,40	100,0	0,1156	171,7	9,652	stainless steel	4H
T.092.140.1600.A	9,2	1,40	160,0	0,0792	286,6	11,612	music wire	4I
T.092.140.1600.I	9,2	1,40	160,0	0,0680	281,7	9,652	stainless steel	4I
T.092.140.2200.A	9,2	1,40	220,0	0,0561	398,8	11,612	music wire	4I
T.092.140.2200.I	9,2	1,40	220,0	0,0482	391,9	9,652	stainless steel	4I
T.092.150.0250.A	9,2	1,50	25,0	1,5266	32,8	13,967	music wire	4H
T.092.150.0250.I	9,2	1,50	25,0	1,3112	32,9	12,156	stainless steel	4I
T.092.150.0290.A	9,2	1,50	29,0	1,1222	39,7	13,967	music wire	4H
T.092.150.0290.I	9,2	1,50	29,0	0,9639	39,8	12,156	stainless steel	4I
T.092.150.0320.A	9,2	1,50	32,0	0,9362	44,8	13,967	music wire	4H
T.092.150.0320.I	9,2	1,50	32,0	0,8041	45,0	12,156	stainless steel	4I
T.092.150.0350.A	9,2	1,50	35,0	0,8031	49,9	13,967	music wire	4H
T.092.150.0350.I	9,2	1,50	35,0	0,6898	50,1	12,156	stainless steel	4I
T.092.150.0380.A	9,2	1,50	38,0	0,7031	55,0	13,967	music wire	4H
T.092.150.0380.I	9,2	1,50	38,0	0,6039	55,2	12,156	stainless steel	4I
T.092.150.0400.A	9,2	1,50	40,0	0,6492	58,5	14,021	music wire	4I
T.092.150.0400.I	9,2	1,50	40,0	0,5576	57,8	11,670	stainless steel	4I
T.092.150.0450.A	9,2	1,50	45,0	0,5449	67,0	13,967	music wire	4I
T.092.150.0450.I	9,2	1,50	45,0	0,4680	67,3	12,156	stainless steel	4I
T.092.150.0500.A	9,2	1,50	50,0	0,4694	75,5	13,967	music wire	4I
T.092.150.0500.I	9,2	1,50	50,0	0,4032	75,8	12,156	stainless steel	4I
T.092.150.0570.A	9,2	1,50	57,0	0,3932	87,4	13,967	music wire	4I
T.092.150.0570.I	9,2	1,50	57,0	0,3377	87,8	12,156	stainless steel	4I
T.092.150.0600.A	9,2	1,50	60,0	0,3680	92,6	14,021	music wire	4I
T.092.150.0600.I	9,2	1,50	60,0	0,3161	91,4	11,670	stainless steel	4I
T.092.150.0640.A	9,2	1,50	64,0	0,3382	99,4	13,967	music wire	4I
T.092.150.0640.I	9,2	1,50	64,0	0,2905	99,8	12,156	stainless steel	4I
T.092.150.0700.A	9,2	1,50	70,0	0,3021	109,6	13,967	music wire	4I
T.092.150.0700.I	9,2	1,50	70,0	0,2594	110,1	12,156	stainless steel	4I
T.092.150.0760.A	9,2	1,50	76,0	0,2729	119,9	13,967	music wire	4I
T.092.150.0760.I	9,2	1,50	76,0	0,2344	120,4	12,156	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.092.150.0800.A	9,2	1,50	80,0	0,2562	126,9	14,021	music wire	4I
T.092.150.0800.I	9,2	1,50	80,0	0,2200	125,1	11,670	stainless steel	4I
T.092.150.0890.A	9,2	1,50	89,0	0,2256	142,0	13,967	music wire	4I
T.092.150.0890.I	9,2	1,50	89,0	0,1938	142,7	12,156	stainless steel	4I
T.092.150.1000.A	9,2	1,50	100,0	0,1968	161,0	14,021	music wire	4I
T.092.150.1000.I	9,2	1,50	100,0	0,1690	158,7	11,670	stainless steel	4I
T.092.150.1020.A	9,2	1,50	102,0	0,1923	164,2	13,967	music wire	4I
T.092.150.1020.I	9,2	1,50	102,0	0,1652	165,0	12,156	stainless steel	4I
T.092.150.1150.A	9,2	1,50	115,0	0,1676	186,4	13,967	music wire	4I
T.092.150.1150.I	9,2	1,50	115,0	0,1440	187,3	12,156	stainless steel	4I
T.092.150.1200.A	9,2	1,50	120,0	0,1598	195,2	14,021	music wire	4I
T.092.150.1200.I	9,2	1,50	120,0	0,1372	192,3	11,670	stainless steel	4I
T.092.150.1270.A	9,2	1,50	127,0	0,1498	206,9	13,967	music wire	4I
T.092.150.1270.I	9,2	1,50	127,0	0,1287	207,9	12,156	stainless steel	4I
T.092.150.1400.A	9,2	1,50	140,0	0,1344	229,0	13,967	music wire	4I
T.092.150.1400.I	9,2	1,50	140,0	0,1154	230,2	12,156	stainless steel	4I
T.092.150.1520.A	9,2	1,50	152,0	0,1227	249,5	13,967	music wire	4I
T.092.150.1520.I	9,2	1,50	152,0	0,1054	250,8	12,156	stainless steel	4I
T.092.150.1800.A	9,2	1,50	180,0	0,1020	297,7	14,021	music wire	4I
T.092.150.1800.I	9,2	1,50	180,0	0,0877	293,3	11,670	stainless steel	4I
T.092.150.2200.A	9,2	1,50	220,0	0,0822	366,1	14,021	music wire	4I
T.092.150.2200.I	9,2	1,50	220,0	0,0706	360,6	11,670	stainless steel	4I
T.094.090.0198.A	9,4	0,90	19,8	0,2655	31,2	3,335	music wire	4E
T.094.090.0198.I	9,4	0,90	19,8	0,2280	30,7	2,751	stainless steel	4E
T.094.100.0200.A	9,4	1,00	20,0	0,4092	29,8	4,481	music wire	4E
T.094.100.0200.I	9,4	1,00	20,0	0,3515	29,4	3,701	stainless steel	4E
T.094.100.0380.A	9,4	1,00	38,0	0,0774	90,0	4,481	music wire	4E
T.094.100.0380.I	9,4	1,00	38,0	0,0665	90,1	3,856	stainless steel	4E
T.094.100.0530.A	9,4	1,00	53,0	0,0462	140,2	4,481	music wire	4E
T.094.100.0530.I	9,4	1,00	53,0	0,0397	140,3	3,856	stainless steel	4E
T.094.100.0800.A	9,4	1,00	80,0	0,0268	230,4	4,481	music wire	4E
T.094.100.0800.I	9,4	1,00	80,0	0,0230	230,7	3,856	stainless steel	4E
T.094.100.0908.A	9,4	1,00	90,8	0,0229	266,5	4,481	music wire	4E
T.094.100.0908.I	9,4	1,00	90,8	0,0197	266,9	3,856	stainless steel	4E
T.094.100.2000.A	9,4	1,00	200,0	0,0093	631,6	4,481	music wire	4F
T.094.100.2000.I	9,4	1,00	200,0	0,0080	613,1	3,701	stainless steel	4G
T.094.125.0248.A	9,4	1,25	24,8	0,5890	37,2	8,335	music wire	4F
T.094.125.0248.I	9,4	1,25	24,8	0,5059	36,7	6,913	stainless steel	4F
T.095.065.0290.A	9,5	0,65	29,0	0,0143	116,9	1,324	music wire	4C
T.095.065.0290.I	9,5	0,65	29,0	0,0123	116,1	1,127	stainless steel	4C
T.095.070.0500.A	9,5	0,70	50,0	0,0076	251,7	1,631	music wire	4C
T.095.070.0500.I	9,5	0,70	50,0	0,0065	250,3	1,391	stainless steel	4C
T.095.070.0760.A	9,5	0,70	76,0	0,0043	436,1	1,631	music wire	4C
T.095.070.0760.I	9,5	0,70	76,0	0,0037	433,6	1,391	stainless steel	4D
T.095.070.0800.A	9,5	0,70	80,0	0,0040	464,5	1,631	music wire	4C
T.095.070.0800.I	9,5	0,70	80,0	0,0034	461,8	1,391	stainless steel	4D
T.095.075.0220.A	9,5	0,75	22,0	0,0687	48,7	1,976	music wire	4C
T.095.075.0220.I	9,5	0,75	22,0	0,0590	47,5	1,625	stainless steel	4C
T.095.075.0380.A	9,5	0,75	38,0	0,0170	146,1	1,976	music wire	4C
T.095.075.0380.I	9,5	0,75	38,0	0,0146	141,2	1,625	stainless steel	4C



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.095.075.0760.A	9,5	0,75	76,0	0,0061	377,9	1,976	music wire	4C
T.095.075.0760.I	9,5	0,75	76,0	0,0052	364,1	1,625	stainless steel	4D
T.095.080.0210.A	9,5	0,80	21,0	0,1152	40,0	2,371	music wire	4C
T.095.080.0210.I	9,5	0,80	21,0	0,0990	39,1	1,951	stainless steel	4C
T.095.080.0224.A	9,5	0,80	22,4	0,0880	47,3	2,371	music wire	4C
T.095.080.0224.I	9,5	0,80	22,4	0,0756	46,1	1,951	stainless steel	4C
T.095.080.0270.A	9,5	0,80	27,0	0,0487	71,9	2,371	music wire	4C
T.095.080.0270.I	9,5	0,80	27,0	0,0419	69,9	1,951	stainless steel	4C
T.095.080.0296.A	9,5	0,80	29,6	0,0391	85,5	2,371	music wire	4C
T.095.080.0296.I	9,5	0,80	29,6	0,0336	83,0	1,951	stainless steel	4C
T.095.080.0318.A	9,5	0,80	31,8	0,0334	97,4	2,371	music wire	4C
T.095.080.0318.I	9,5	0,80	31,8	0,0286	94,5	1,951	stainless steel	4C
T.095.080.0348.A	9,5	0,80	34,8	0,0279	113,2	2,371	music wire	4C
T.095.080.0348.I	9,5	0,80	34,8	0,0240	109,7	1,951	stainless steel	4C
T.095.080.0360.A	9,5	0,80	36,0	0,0262	119,6	2,371	music wire	4C
T.095.080.0360.I	9,5	0,80	36,0	0,0225	115,8	1,951	stainless steel	4C
T.095.080.0410.A	9,5	0,80	41,0	0,0208	146,3	2,371	music wire	4C
T.095.080.0410.I	9,5	0,80	41,0	0,0178	141,6	1,951	stainless steel	4C
T.095.080.0416.A	9,5	0,80	41,6	0,0203	149,4	2,371	music wire	4C
T.095.080.0416.I	9,5	0,80	41,6	0,0174	144,5	1,951	stainless steel	4C
T.095.080.0420.A	9,5	0,80	42,0	0,0199	151,8	2,371	music wire	4C
T.095.080.0420.I	9,5	0,80	42,0	0,0171	146,9	1,951	stainless steel	4C
T.095.080.0435.A	9,5	0,80	43,5	0,0189	159,5	2,371	music wire	4C
T.095.080.0435.I	9,5	0,80	43,5	0,0162	154,3	1,951	stainless steel	4C
T.095.080.0444.A	9,5	0,80	44,4	0,0183	164,2	2,371	music wire	4C
T.095.080.0444.I	9,5	0,80	44,4	0,0157	158,8	1,951	stainless steel	4C
T.095.080.0451.A	9,5	0,80	45,1	0,0178	168,0	2,371	music wire	4C
T.095.080.0451.I	9,5	0,80	45,1	0,0153	162,5	1,951	stainless steel	4C
T.095.080.0500.A	9,5	0,80	50,0	0,0152	194,5	2,375	music wire	4C
T.095.080.0500.I	9,5	0,80	50,0	0,0130	193,9	2,033	stainless steel	4C
T.095.080.0508.A	9,5	0,80	50,8	0,0148	198,6	2,371	music wire	4C
T.095.080.0508.I	9,5	0,80	50,8	0,0127	192,0	1,951	stainless steel	4C
T.095.080.0540.A	9,5	0,80	54,0	0,0135	215,6	2,371	music wire	4C
T.095.080.0540.I	9,5	0,80	54,0	0,0116	208,3	1,951	stainless steel	4D
T.095.080.0572.A	9,5	0,80	57,2	0,0125	232,6	2,371	music wire	4C
T.095.080.0572.I	9,5	0,80	57,2	0,0107	224,7	1,951	stainless steel	4D
T.095.080.0592.A	9,5	0,80	59,2	0,0119	243,3	2,371	music wire	4C
T.095.080.0592.I	9,5	0,80	59,2	0,0102	235,0	1,951	stainless steel	4D
T.095.080.0630.A	9,5	0,80	63,0	0,0109	263,3	2,371	music wire	4C
T.095.080.0630.I	9,5	0,80	63,0	0,0094	254,3	1,951	stainless steel	4D
T.095.080.0635.A	9,5	0,80	63,5	0,0108	265,9	2,371	music wire	4C
T.095.080.0635.I	9,5	0,80	63,5	0,0093	256,8	1,951	stainless steel	4D
T.095.080.0698.A	9,5	0,80	69,8	0,0095	299,5	2,371	music wire	4C
T.095.080.0698.I	9,5	0,80	69,8	0,0082	289,1	1,951	stainless steel	4D
T.095.085.0220.A	9,5	0,85	22,0	0,1264	42,4	2,812	music wire	4C
T.095.085.0220.I	9,5	0,85	22,0	0,1086	41,5	2,317	stainless steel	4C
T.095.085.0224.A	9,5	0,85	22,4	0,1174	44,4	2,812	music wire	4C
T.095.085.0224.I	9,5	0,85	22,4	0,1008	43,4	2,317	stainless steel	4C
T.095.085.0318.A	9,5	0,85	31,8	0,0454	88,6	2,812	music wire	4C
T.095.085.0318.I	9,5	0,85	31,8	0,0390	86,0	2,317	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.095.085.0348.A	9,5	0,85	34,8	0,0380	102,6	2,812	music wire	4C
T.095.085.0348.I	9,5	0,85	34,8	0,0327	99,5	2,317	stainless steel	4C
T.095.085.0380.A	9,5	0,85	38,0	0,0323	117,7	2,812	music wire	4C
T.095.085.0380.I	9,5	0,85	38,0	0,0278	114,1	2,317	stainless steel	4C
T.095.085.0381.A	9,5	0,85	38,1	0,0322	118,1	2,812	music wire	4C
T.095.085.0381.I	9,5	0,85	38,1	0,0277	114,5	2,317	stainless steel	4C
T.095.085.0444.A	9,5	0,85	44,4	0,0250	147,6	2,812	music wire	4C
T.095.085.0444.I	9,5	0,85	44,4	0,0215	143,0	2,317	stainless steel	4C
T.095.085.0640.A	9,5	0,85	64,0	0,0147	239,7	2,816	music wire	4C
T.095.085.0640.I	9,5	0,85	64,0	0,0126	239,3	2,413	stainless steel	4D
T.095.085.0920.A	9,5	0,85	92,0	0,0092	371,2	2,816	music wire	4C
T.095.085.0920.I	9,5	0,85	92,0	0,0079	370,6	2,413	stainless steel	4D
T.095.085.1020.A	9,5	0,85	102,0	0,0082	418,1	2,816	music wire	4D
T.095.085.1020.I	9,5	0,85	102,0	0,0070	417,4	2,413	stainless steel	4D
T.095.090.0190.A	9,5	0,90	19,0	0,3503	27,6	3,305	music wire	4E
T.095.090.0190.I	9,5	0,90	19,0	0,3000	27,6	2,836	stainless steel	4E
T.095.090.0220.A	9,5	0,90	22,0	0,1668	40,0	3,302	music wire	4E
T.095.090.0220.I	9,5	0,90	22,0	0,1433	39,2	2,723	stainless steel	4E
T.095.090.0254.A	9,5	0,90	25,4	0,1040	54,3	3,302	music wire	4E
T.095.090.0254.I	9,5	0,90	25,4	0,0894	53,0	2,723	stainless steel	4E
T.095.090.0284.A	9,5	0,90	28,4	0,0784	66,7	3,302	music wire	4E
T.095.090.0284.I	9,5	0,90	28,4	0,0674	65,1	2,723	stainless steel	4E
T.095.090.0318.A	9,5	0,90	31,8	0,0611	81,0	3,302	music wire	4E
T.095.090.0318.I	9,5	0,90	31,8	0,0525	78,9	2,723	stainless steel	4E
T.095.090.0348.A	9,5	0,90	34,8	0,0510	93,7	3,302	music wire	4E
T.095.090.0348.I	9,5	0,90	34,8	0,0438	91,2	2,723	stainless steel	4E
T.095.090.0380.A	9,5	0,90	38,0	0,0436	106,9	3,302	music wire	4E
T.095.090.0380.I	9,5	0,90	38,0	0,0375	103,9	2,723	stainless steel	4E
T.095.090.0381.A	9,5	0,90	38,1	0,0434	107,3	3,302	music wire	4E
T.095.090.0381.I	9,5	0,90	38,1	0,0373	104,3	2,723	stainless steel	4E
T.095.090.0444.A	9,5	0,90	44,4	0,0337	133,7	3,302	music wire	4E
T.095.090.0444.I	9,5	0,90	44,4	0,0289	129,8	2,723	stainless steel	4E
T.095.090.0550.A	9,5	0,90	55,0	0,0244	178,1	3,305	music wire	4E
T.095.090.0550.I	9,5	0,90	55,0	0,0210	178,0	2,836	stainless steel	4E
T.095.100.0190.A	9,5	1,00	19,0	0,5530	26,2	4,436	music wire	4E
T.095.100.0190.I	9,5	1,00	19,0	0,4749	26,2	3,817	stainless steel	4E
T.095.100.0260.A	9,5	1,00	26,0	0,1659	50,1	4,436	music wire	4E
T.095.100.0260.I	9,5	1,00	26,0	0,1425	49,0	3,665	stainless steel	4E
T.095.100.0410.A	9,5	1,00	41,0	0,0664	101,2	4,436	music wire	4E
T.095.100.0410.I	9,5	1,00	41,0	0,0570	98,6	3,665	stainless steel	4E
T.095.100.0444.A	9,5	1,00	44,4	0,0584	112,7	4,436	music wire	4E
T.095.100.0444.I	9,5	1,00	44,4	0,0502	109,8	3,665	stainless steel	4E
T.095.100.0540.A	9,5	1,00	54,0	0,0437	145,4	4,436	music wire	4E
T.095.100.0540.I	9,5	1,00	54,0	0,0375	145,6	3,817	stainless steel	4E
T.095.100.0600.A	9,5	1,00	60,0	0,0377	165,9	4,436	music wire	4E
T.095.100.0600.I	9,5	1,00	60,0	0,0324	166,1	3,817	stainless steel	4E
T.095.100.0670.A	9,5	1,00	67,0	0,0325	189,7	4,436	music wire	4E
T.095.100.0670.I	9,5	1,00	67,0	0,0279	190,0	3,817	stainless steel	4E
T.095.100.0730.A	9,5	1,00	73,0	0,0291	210,2	4,436	music wire	4E
T.095.100.0730.I	9,5	1,00	73,0	0,0250	210,4	3,817	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.095.100.0950.A	9,5	1,00	95,0	0,0210	285,1	4,436	music wire	4E
T.095.100.0950.I	9,5	1,00	95,0	0,0180	285,5	3,817	stainless steel	4E
T.095.100.1400.A	9,5	1,00	140,0	0,0134	438,4	4,436	music wire	4E
T.095.100.1400.I	9,5	1,00	140,0	0,0115	438,9	3,817	stainless steel	4F
T.095.100.1520.A	9,5	1,00	152,0	0,0122	479,2	4,436	music wire	4F
T.095.100.1520.I	9,5	1,00	152,0	0,0105	479,9	3,817	stainless steel	4F
T.095.100.1780.A	9,5	1,00	178,0	0,0102	567,8	4,436	music wire	4F
T.095.100.1780.I	9,5	1,00	178,0	0,0088	568,5	3,817	stainless steel	4F
T.095.110.0220.A	9,5	1,10	22,0	0,4415	33,7	5,788	music wire	4E
T.095.110.0220.I	9,5	1,10	22,0	0,3792	33,2	4,789	stainless steel	4F
T.095.110.0240.A	9,5	1,10	24,0	0,3355	39,4	5,788	music wire	4E
T.095.110.0240.I	9,5	1,10	24,0	0,2882	38,7	4,789	stainless steel	4F
T.095.112.0190.A	9,5	1,12	19,0	0,9100	24,9	6,079	music wire	4E
T.095.112.0190.I	9,5	1,12	19,0	0,7799	25,0	5,247	stainless steel	4F
T.095.112.0350.A	9,5	1,12	35,0	0,1576	69,3	6,079	music wire	4E
T.095.112.0350.I	9,5	1,12	35,0	0,1354	69,5	5,247	stainless steel	4F
T.095.112.2000.A	9,5	1,12	200,0	0,0165	526,5	6,079	music wire	4G
T.095.112.2000.I	9,5	1,12	200,0	0,0142	528,1	5,247	stainless steel	4G
T.095.120.0200.A	9,5	1,20	20,0	0,9638	26,7	7,359	music wire	4E
T.095.120.0200.I	9,5	1,20	20,0	0,8278	26,8	6,364	stainless steel	4F
T.095.120.0500.A	9,5	1,20	50,0	0,1281	100,7	7,359	music wire	4F
T.095.120.0500.I	9,5	1,20	50,0	0,1100	101,0	6,364	stainless steel	4F
T.095.120.0750.A	9,5	1,20	75,0	0,0744	162,3	7,359	music wire	4F
T.095.120.0750.I	9,5	1,20	75,0	0,0639	162,9	6,364	stainless steel	4G
T.095.120.1020.A	9,5	1,20	102,0	0,0512	228,8	7,359	music wire	4F
T.095.120.1020.I	9,5	1,20	102,0	0,0440	229,7	6,364	stainless steel	4G
T.095.125.0342.A	9,5	1,25	34,2	0,2914	59,1	8,254	music wire	4F
T.095.125.0342.I	9,5	1,25	34,2	0,2503	58,1	6,846	stainless steel	4F
T.095.130.0500.A	9,5	1,30	50,0	0,1966	90,8	9,176	music wire	4G
T.095.130.0500.I	9,5	1,30	50,0	0,1688	91,2	7,953	stainless steel	4H
T.095.130.0540.A	9,5	1,30	54,0	0,1764	99,5	9,176	music wire	4G
T.095.130.0540.I	9,5	1,30	54,0	0,1515	99,9	7,953	stainless steel	4H
T.095.130.0570.A	9,5	1,30	57,0	0,1637	106,0	9,176	music wire	4G
T.095.130.0570.I	9,5	1,30	57,0	0,1406	106,4	7,953	stainless steel	4H
T.095.130.0600.A	9,5	1,30	60,0	0,1528	112,5	9,176	music wire	4G
T.095.130.0600.I	9,5	1,30	60,0	0,1312	113,0	7,953	stainless steel	4H
T.095.130.0640.A	9,5	1,30	64,0	0,1403	121,2	9,176	music wire	4G
T.095.130.0640.I	9,5	1,30	64,0	0,1205	121,7	7,953	stainless steel	4H
T.095.130.0730.A	9,5	1,30	73,0	0,1185	140,7	9,176	music wire	4G
T.095.130.0730.I	9,5	1,30	73,0	0,1018	141,3	7,953	stainless steel	4H
T.095.130.0760.A	9,5	1,30	76,0	0,1126	147,2	9,176	music wire	4G
T.095.130.0760.I	9,5	1,30	76,0	0,0968	147,9	7,953	stainless steel	4H
T.095.140.0250.A	9,5	1,40	25,0	1,0108	34,6	11,245	music wire	4G
T.095.140.0250.I	9,5	1,40	25,0	0,8681	34,8	9,767	stainless steel	4H
T.095.140.0318.A	9,5	1,40	31,8	0,6086	47,9	11,281	music wire	4G
T.095.140.0318.I	9,5	1,40	31,8	0,5227	47,3	9,377	stainless steel	4H
T.095.140.0348.A	9,5	1,40	34,8	0,5150	53,8	11,281	music wire	4G
T.095.140.0348.I	9,5	1,40	34,8	0,4423	53,1	9,377	stainless steel	4H
T.095.140.0450.A	9,5	1,40	45,0	0,3414	73,6	11,245	music wire	4G
T.095.140.0450.I	9,5	1,40	45,0	0,2932	73,9	9,767	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.095.140.0640.A	9,5	1,40	64,0	0,2100	110,5	11,245	music wire	4G
T.095.140.0640.I	9,5	1,40	64,0	0,1800	111,0	9,767	stainless steel	4H
T.095.140.0700.A	9,5	1,40	70,0	0,1868	122,2	11,245	music wire	4H
T.095.140.0700.I	9,5	1,40	70,0	0,1604	122,8	9,767	stainless steel	4H
T.095.140.0760.A	9,5	1,40	76,0	0,1685	133,9	11,245	music wire	4H
T.095.140.0760.I	9,5	1,40	76,0	0,1447	134,5	9,767	stainless steel	4H
T.095.140.0810.A	9,5	1,40	81,0	0,1557	143,6	11,245	music wire	4H
T.095.140.0810.I	9,5	1,40	81,0	0,1338	144,3	9,767	stainless steel	4H
T.095.140.0820.A	9,5	1,40	82,0	0,1534	145,5	11,245	music wire	4H
T.095.140.0820.I	9,5	1,40	82,0	0,1318	146,3	9,767	stainless steel	4H
T.095.140.0890.A	9,5	1,40	89,0	0,1389	159,2	11,245	music wire	4H
T.095.140.0890.I	9,5	1,40	89,0	0,1193	160,0	9,767	stainless steel	4H
T.095.140.1020.A	9,5	1,40	102,0	0,1182	184,5	11,245	music wire	4H
T.095.140.1020.I	9,5	1,40	102,0	0,1015	185,4	9,767	stainless steel	4I
T.095.140.1150.A	9,5	1,40	115,0	0,1029	209,7	11,245	music wire	4H
T.095.140.1150.I	9,5	1,40	115,0	0,0884	210,8	9,767	stainless steel	4I
T.095.140.1520.A	9,5	1,40	152,0	0,0751	281,7	11,245	music wire	4I
T.095.140.1520.I	9,5	1,40	152,0	0,0645	283,2	9,767	stainless steel	4I
T.095.160.0290.A	9,5	1,60	29,0	1,4639	38,4	16,172	music wire	4I
T.095.160.0290.I	9,5	1,60	29,0	1,2574	38,6	14,102	stainless steel	4I
T.095.160.0450.A	9,5	1,60	45,0	0,7035	64,6	16,172	music wire	4I
T.095.160.0450.I	9,5	1,60	45,0	0,6042	64,9	14,102	stainless steel	4I
T.095.160.0800.A	9,5	1,60	80,0	0,3293	121,9	16,172	music wire	4I
T.095.160.0800.I	9,5	1,60	80,0	0,2828	122,5	14,102	stainless steel	4I
T.095.160.1020.A	9,5	1,60	102,0	0,2468	157,9	16,172	music wire	4I
T.095.160.1020.I	9,5	1,60	102,0	0,2119	158,8	14,102	stainless steel	4I
T.095.160.1400.A	9,5	1,60	140,0	0,1722	220,1	16,172	music wire	4I
T.095.160.1400.I	9,5	1,60	140,0	0,1479	221,3	14,102	stainless steel	4I
T.095.180.0380.A	9,5	1,80	38,0	1,7281	48,8	22,190	music wire	4I
T.095.180.0380.I	9,5	1,80	38,0	1,4843	49,0	19,421	stainless steel	4I
T.095.180.0430.A	9,5	1,80	43,0	1,4342	56,0	22,190	music wire	4I
T.095.180.0430.I	9,5	1,80	43,0	1,2318	56,2	19,421	stainless steel	4I
T.096.080.0250.A	9,6	0,80	25,0	0,0597	61,4	2,352	music wire	4C
T.096.080.0250.I	9,6	0,80	25,0	0,0513	61,2	2,012	stainless steel	4C
T.096.080.0290.A	9,6	0,80	29,0	0,0402	83,1	2,352	music wire	4C
T.096.080.0290.I	9,6	0,80	29,0	0,0345	82,9	2,012	stainless steel	4C
T.096.080.0320.A	9,6	0,80	32,0	0,0322	99,4	2,352	music wire	4C
T.096.080.0320.I	9,6	0,80	32,0	0,0277	99,2	2,012	stainless steel	4C
T.096.080.0350.A	9,6	0,80	35,0	0,0269	115,8	2,352	music wire	4C
T.096.080.0350.I	9,6	0,80	35,0	0,0231	115,4	2,012	stainless steel	4C
T.096.080.0380.A	9,6	0,80	38,0	0,0231	132,1	2,352	music wire	4C
T.096.080.0380.I	9,6	0,80	38,0	0,0198	131,7	2,012	stainless steel	4C
T.096.080.0450.A	9,6	0,80	45,0	0,0174	170,1	2,352	music wire	4C
T.096.080.0450.I	9,6	0,80	45,0	0,0149	169,6	2,012	stainless steel	4C
T.096.080.0500.A	9,6	0,80	50,0	0,0148	197,3	2,352	music wire	4C
T.096.080.0500.I	9,6	0,80	50,0	0,0127	196,8	2,012	stainless steel	4C
T.096.080.0570.A	9,6	0,80	57,0	0,0122	235,4	2,352	music wire	4C
T.096.080.0570.I	9,6	0,80	57,0	0,0105	234,7	2,012	stainless steel	4D
T.096.080.0640.A	9,6	0,80	64,0	0,0104	273,4	2,352	music wire	4C
T.096.080.0640.I	9,6	0,80	64,0	0,0089	272,6	2,012	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.096.080.0700.A	9,6	0,80	70,0	0,0092	306,0	2,352	music wire	4C
T.096.080.0700.I	9,6	0,80	70,0	0,0079	305,2	2,012	stainless steel	4D
T.096.080.0760.A	9,6	0,80	76,0	0,0083	338,7	2,352	music wire	4C
T.096.080.0760.I	9,6	0,80	76,0	0,0071	337,7	2,012	stainless steel	4D
T.096.080.1150.A	9,6	0,80	115,0	0,0050	550,7	2,352	music wire	4D
T.096.080.1150.I	9,6	0,80	115,0	0,0043	549,1	2,012	stainless steel	4D
T.096.080.2030.A	9,6	0,80	203,0	0,0026	1029,1	2,352	music wire	4E
T.096.080.2030.I	9,6	0,80	203,0	0,0023	1026,1	2,012	stainless steel	4E
T.096.085.0210.A	9,6	0,85	21,0	0,1551	37,5	2,788	music wire	4C
T.096.085.0210.I	9,6	0,85	21,0	0,1332	37,5	2,389	stainless steel	4C
T.096.085.0400.A	9,6	0,85	40,0	0,0289	128,5	2,788	music wire	4C
T.096.085.0400.I	9,6	0,85	40,0	0,0248	128,3	2,389	stainless steel	4C
T.096.090.0300.A	9,6	0,90	30,0	0,0677	74,1	3,272	music wire	4E
T.096.090.0300.I	9,6	0,90	30,0	0,0581	74,0	2,808	stainless steel	4E
T.096.090.0410.A	9,6	0,90	41,0	0,0373	121,0	3,272	music wire	4E
T.096.090.0410.I	9,6	0,90	41,0	0,0320	120,9	2,808	stainless steel	4E
T.096.090.0500.A	9,6	0,90	50,0	0,0273	159,4	3,272	music wire	4E
T.096.090.0500.I	9,6	0,90	50,0	0,0234	159,3	2,808	stainless steel	4E
T.096.090.0630.A	9,6	0,90	63,0	0,0196	214,8	3,272	music wire	4E
T.096.090.0630.I	9,6	0,90	63,0	0,0169	214,7	2,808	stainless steel	4E
T.096.090.0750.A	9,6	0,90	75,0	0,0156	266,0	3,272	music wire	4E
T.096.090.0750.I	9,6	0,90	75,0	0,0134	265,9	2,808	stainless steel	4E
T.096.090.0830.A	9,6	0,90	83,0	0,0137	300,1	3,272	music wire	4E
T.096.090.0830.I	9,6	0,90	83,0	0,0118	300,0	2,808	stainless steel	4E
T.096.090.1270.A	9,6	0,90	127,0	0,0083	487,8	3,272	music wire	4E
T.096.090.1270.I	9,6	0,90	127,0	0,0071	487,5	2,808	stainless steel	4F
T.096.090.1550.A	9,6	0,90	155,0	0,0066	607,2	3,272	music wire	4E
T.096.090.1550.I	9,6	0,90	155,0	0,0057	606,9	2,808	stainless steel	4F
T.096.090.3050.A	9,6	0,90	305,0	0,0032	1247,0	3,272	music wire	4G
T.096.090.3050.I	9,6	0,90	305,0	0,0027	1246,3	2,808	stainless steel	4G
T.096.100.0250.A	9,6	1,00	25,0	0,1820	46,7	4,392	music wire	4E
T.096.100.0250.I	9,6	1,00	25,0	0,1563	46,8	3,780	stainless steel	4E
T.096.100.0290.A	9,6	1,00	29,0	0,1251	60,6	4,392	music wire	4E
T.096.100.0290.I	9,6	1,00	29,0	0,1075	60,7	3,780	stainless steel	4E
T.096.100.0320.A	9,6	1,00	32,0	0,1014	71,0	4,392	music wire	4E
T.096.100.0320.I	9,6	1,00	32,0	0,0871	71,1	3,780	stainless steel	4E
T.096.100.0350.A	9,6	1,00	35,0	0,0852	81,4	4,392	music wire	4E
T.096.100.0350.I	9,6	1,00	35,0	0,0732	81,5	3,780	stainless steel	4E
T.096.100.0450.A	9,6	1,00	45,0	0,0556	116,1	4,392	music wire	4E
T.096.100.0450.I	9,6	1,00	45,0	0,0478	116,3	3,780	stainless steel	4E
T.096.100.0500.A	9,6	1,00	50,0	0,0474	133,5	4,392	music wire	4E
T.096.100.0500.I	9,6	1,00	50,0	0,0407	133,7	3,780	stainless steel	4E
T.096.100.0570.A	9,6	1,00	57,0	0,0393	157,8	4,392	music wire	4E
T.096.100.0570.I	9,6	1,00	57,0	0,0337	158,0	3,780	stainless steel	4E
T.096.100.0640.A	9,6	1,00	64,0	0,0335	182,1	4,392	music wire	4E
T.096.100.0640.I	9,6	1,00	64,0	0,0288	182,3	3,780	stainless steel	4E
T.096.100.0700.A	9,6	1,00	70,0	0,0298	202,9	4,392	music wire	4E
T.096.100.0700.I	9,6	1,00	70,0	0,0256	203,2	3,780	stainless steel	4E
T.096.100.0760.A	9,6	1,00	76,0	0,0268	223,7	4,392	music wire	4E
T.096.100.0760.I	9,6	1,00	76,0	0,0230	224,0	3,780	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.096.110.0320.A	9,6	1,10	32,0	0,1659	62,8	5,726	music wire	4E
T.096.110.0320.I	9,6	1,10	32,0	0,1425	62,9	4,940	stainless steel	4F
T.096.120.0220.A	9,6	1,20	22,0	0,6725	31,6	7,300	music wire	4E
T.096.120.0220.I	9,6	1,20	22,0	0,5776	31,2	6,050	stainless steel	4F
T.096.120.0350.A	9,6	1,20	35,0	0,2205	64,2	7,288	music wire	4F
T.096.120.0350.I	9,6	1,20	35,0	0,1894	64,4	6,302	stainless steel	4F
T.096.120.0380.A	9,6	1,20	38,0	0,1909	71,7	7,288	music wire	4F
T.096.120.0380.I	9,6	1,20	38,0	0,1640	71,9	6,302	stainless steel	4F
T.096.120.0420.A	9,6	1,20	42,0	0,1620	81,7	7,288	music wire	4F
T.096.120.0420.I	9,6	1,20	42,0	0,1391	82,0	6,302	stainless steel	4F
T.096.120.0450.A	9,6	1,20	45,0	0,1455	89,2	7,288	music wire	4F
T.096.120.0450.I	9,6	1,20	45,0	0,1249	89,5	6,302	stainless steel	4F
T.096.120.0650.A	9,6	1,20	65,0	0,0866	139,3	7,288	music wire	4F
T.096.120.0650.I	9,6	1,20	65,0	0,0744	139,8	6,302	stainless steel	4G
T.096.120.0680.A	9,6	1,20	68,0	0,0816	146,8	7,288	music wire	4F
T.096.120.0680.I	9,6	1,20	68,0	0,0700	147,4	6,302	stainless steel	4G
T.096.120.0760.A	9,6	1,20	76,0	0,0708	166,9	7,288	music wire	4F
T.096.120.0760.I	9,6	1,20	76,0	0,0608	167,5	6,302	stainless steel	4G
T.096.120.1150.A	9,6	1,20	115,0	0,0430	264,6	7,288	music wire	4G
T.096.120.1150.I	9,6	1,20	115,0	0,0370	265,6	6,302	stainless steel	4G
T.096.120.1480.A	9,6	1,20	148,0	0,0323	347,2	7,288	music wire	4G
T.096.120.1480.I	9,6	1,20	148,0	0,0277	348,6	6,302	stainless steel	4G
T.096.120.1650.A	9,6	1,20	165,0	0,0286	389,8	7,288	music wire	4G
T.096.120.1650.I	9,6	1,20	165,0	0,0246	391,3	6,302	stainless steel	4G
T.096.120.2000.A	9,6	1,20	200,0	0,0232	477,4	7,288	music wire	4G
T.096.120.2000.I	9,6	1,20	200,0	0,0199	479,3	6,302	stainless steel	4G
T.096.125.0250.A	9,6	1,25	25,0	0,5592	37,8	8,158	music wire	4F
T.096.125.0250.I	9,6	1,25	25,0	0,4803	37,9	7,063	stainless steel	4F
T.096.125.0290.A	9,6	1,25	29,0	0,3941	47,2	8,158	music wire	4F
T.096.125.0290.I	9,6	1,25	29,0	0,3385	47,3	7,063	stainless steel	4F
T.096.125.0320.A	9,6	1,25	32,0	0,3227	54,2	8,158	music wire	4F
T.096.125.0320.I	9,6	1,25	32,0	0,2771	54,4	7,063	stainless steel	4F
T.096.125.0350.A	9,6	1,25	35,0	0,2732	61,3	8,158	music wire	4F
T.096.125.0350.I	9,6	1,25	35,0	0,2346	61,5	7,063	stainless steel	4F
T.096.125.0380.A	9,6	1,25	38,0	0,2368	68,3	8,158	music wire	4F
T.096.125.0380.I	9,6	1,25	38,0	0,2034	68,5	7,063	stainless steel	4F
T.096.125.0450.A	9,6	1,25	45,0	0,1807	84,7	8,158	music wire	4F
T.096.125.0450.I	9,6	1,25	45,0	0,1552	85,0	7,063	stainless steel	4F
T.096.125.0500.A	9,6	1,25	50,0	0,1546	96,4	8,158	music wire	4F
T.096.125.0500.I	9,6	1,25	50,0	0,1328	96,8	7,063	stainless steel	4F
T.096.125.0640.A	9,6	1,25	64,0	0,1100	129,2	8,158	music wire	4F
T.096.125.0640.I	9,6	1,25	64,0	0,0945	129,7	7,063	stainless steel	4G
T.096.125.0760.A	9,6	1,25	76,0	0,0882	157,3	8,158	music wire	4F
T.096.125.0760.I	9,6	1,25	76,0	0,0758	158,0	7,063	stainless steel	4G
T.096.125.1020.A	9,6	1,25	102,0	0,0617	218,2	8,158	music wire	4F
T.096.125.1020.I	9,6	1,25	102,0	0,0530	219,1	7,063	stainless steel	4G
T.096.125.1150.A	9,6	1,25	115,0	0,0536	248,7	8,158	music wire	4G
T.096.125.1150.I	9,6	1,25	115,0	0,0461	249,7	7,063	stainless steel	4G
T.096.125.1270.A	9,6	1,25	127,0	0,0479	276,8	8,158	music wire	4G
T.096.125.1270.I	9,6	1,25	127,0	0,0411	278,0	7,063	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.096.125.1400.A	9,6	1,25	140,0	0,0429	307,2	8,158	music wire	4G
T.096.125.1400.I	9,6	1,25	140,0	0,0368	308,6	7,063	stainless steel	4G
T.096.125.1520.A	9,6	1,25	152,0	0,0391	335,4	8,158	music wire	4G
T.096.125.1520.I	9,6	1,25	152,0	0,0336	336,8	7,063	stainless steel	4G
T.096.140.0350.A	9,6	1,40	35,0	0,4969	54,5	11,139	music wire	4G
T.096.140.0350.I	9,6	1,40	35,0	0,4268	54,7	9,675	stainless steel	4H
T.096.140.0450.A	9,6	1,40	45,0	0,3312	74,2	11,139	music wire	4G
T.096.140.0450.I	9,6	1,40	45,0	0,2845	74,5	9,675	stainless steel	4H
T.096.140.0480.A	9,6	1,40	48,0	0,3011	80,1	11,139	music wire	4G
T.096.140.0480.I	9,6	1,40	48,0	0,2586	80,5	9,675	stainless steel	4H
T.096.140.0600.A	9,6	1,40	60,0	0,2208	103,8	11,139	music wire	4G
T.096.140.0600.I	9,6	1,40	60,0	0,1897	104,3	9,675	stainless steel	4H
T.096.140.0620.A	9,6	1,40	62,0	0,2114	107,7	11,139	music wire	4G
T.096.140.0620.I	9,6	1,40	62,0	0,1816	108,2	9,675	stainless steel	4H
T.096.140.0760.A	9,6	1,40	76,0	0,1629	135,3	11,139	music wire	4H
T.096.140.0760.I	9,6	1,40	76,0	0,1399	136,0	9,675	stainless steel	4H
T.096.140.0890.A	9,6	1,40	89,0	0,1343	161,0	11,139	music wire	4H
T.096.140.0890.I	9,6	1,40	89,0	0,1153	161,8	9,675	stainless steel	4H
T.096.140.1020.A	9,6	1,40	102,0	0,1142	186,6	11,139	music wire	4H
T.096.140.1020.I	9,6	1,40	102,0	0,0981	187,6	9,675	stainless steel	4I
T.096.140.1270.A	9,6	1,40	127,0	0,0887	236,0	11,139	music wire	4H
T.096.140.1270.I	9,6	1,40	127,0	0,0762	237,2	9,675	stainless steel	4I
T.096.140.2670.A	9,6	1,40	267,0	0,0394	512,2	11,139	music wire	4I
T.096.140.2670.I	9,6	1,40	267,0	0,0339	514,9	9,675	stainless steel	4I
T.096.150.0250.A	9,6	1,50	25,0	1,4133	33,2	13,448	music wire	4H
T.096.150.0250.I	9,6	1,50	25,0	1,2139	33,3	11,705	stainless steel	4I
T.096.150.0290.A	9,6	1,50	29,0	1,0180	40,4	13,448	music wire	4H
T.096.150.0290.I	9,6	1,50	29,0	0,8743	40,5	11,705	stainless steel	4I
T.096.150.0320.A	9,6	1,50	32,0	0,8414	45,8	13,448	music wire	4H
T.096.150.0320.I	9,6	1,50	32,0	0,7227	45,9	11,705	stainless steel	4I
T.096.150.0350.A	9,6	1,50	35,0	0,7171	51,1	13,448	music wire	4H
T.096.150.0350.I	9,6	1,50	35,0	0,6159	51,4	11,705	stainless steel	4I
T.096.150.0380.A	9,6	1,50	38,0	0,6248	56,5	13,448	music wire	4H
T.096.150.0380.I	9,6	1,50	38,0	0,5366	56,8	11,705	stainless steel	4I
T.096.150.0450.A	9,6	1,50	45,0	0,4804	69,1	13,448	music wire	4I
T.096.150.0450.I	9,6	1,50	45,0	0,4126	69,4	11,705	stainless steel	4I
T.096.150.0500.A	9,6	1,50	50,0	0,4124	78,1	13,448	music wire	4I
T.096.150.0500.I	9,6	1,50	50,0	0,3542	78,5	11,705	stainless steel	4I
T.096.150.0570.A	9,6	1,50	57,0	0,3441	90,6	13,448	music wire	4I
T.096.150.0570.I	9,6	1,50	57,0	0,2956	91,1	11,705	stainless steel	4I
T.096.150.0640.A	9,6	1,50	64,0	0,2953	103,2	13,448	music wire	4I
T.096.150.0640.I	9,6	1,50	64,0	0,2536	103,7	11,705	stainless steel	4I
T.096.150.0700.A	9,6	1,50	70,0	0,2632	114,0	13,448	music wire	4I
T.096.150.0700.I	9,6	1,50	70,0	0,2261	114,6	11,705	stainless steel	4I
T.096.150.0760.A	9,6	1,50	76,0	0,2375	124,8	13,448	music wire	4I
T.096.150.0760.I	9,6	1,50	76,0	0,2040	125,4	11,705	stainless steel	4I
T.096.150.0890.A	9,6	1,50	89,0	0,1959	148,1	13,448	music wire	4I
T.096.150.0890.I	9,6	1,50	89,0	0,1683	148,9	11,705	stainless steel	4I
T.096.150.1020.A	9,6	1,50	102,0	0,1667	171,4	13,448	music wire	4I
T.096.150.1020.I	9,6	1,50	102,0	0,1432	172,4	11,705	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.096.150.1150.A	9,6	1,50	115,0	0,1451	194,8	13,448	music wire	4I
T.096.150.1150.I	9,6	1,50	115,0	0,1247	195,9	11,705	stainless steel	4I
T.096.150.1270.A	9,6	1,50	127,0	0,1296	216,3	13,448	music wire	4I
T.096.150.1270.I	9,6	1,50	127,0	0,1113	217,5	11,705	stainless steel	4I
T.096.150.1400.A	9,6	1,50	140,0	0,1162	239,7	13,448	music wire	4I
T.096.150.1400.I	9,6	1,50	140,0	0,1000	241,0	11,705	stainless steel	4I
T.096.150.1520.A	9,6	1,50	152,0	0,1060	261,2	13,448	music wire	4I
T.096.150.1520.I	9,6	1,50	152,0	0,0911	262,7	11,705	stainless steel	4I
T.096.160.0310.A	9,6	1,60	31,0	1,2569	41,9	16,024	music wire	4I
T.096.160.0310.I	9,6	1,60	31,0	1,0795	42,1	13,973	stainless steel	4I
T.096.160.0380.A	9,6	1,60	38,0	0,8841	53,5	16,024	music wire	4I
T.096.160.0380.I	9,6	1,60	38,0	0,7593	53,7	13,973	stainless steel	4I
T.096.160.0518.A	9,6	1,60	51,8	0,5579	76,3	16,024	music wire	4I
T.096.160.0518.I	9,6	1,60	51,8	0,4791	76,7	13,973	stainless steel	4I
T.096.160.0614.A	9,6	1,60	61,4	0,4439	92,2	16,024	music wire	4I
T.096.160.0614.I	9,6	1,60	61,4	0,3813	92,7	13,973	stainless steel	4I
T.096.160.0700.A	9,6	1,60	70,0	0,3753	106,5	16,024	music wire	4I
T.096.160.0700.I	9,6	1,60	70,0	0,3223	107,0	13,973	stainless steel	4I
T.096.160.0758.A	9,6	1,60	75,8	0,3398	116,1	16,024	music wire	4I
T.096.160.0758.I	9,6	1,60	75,8	0,2919	116,7	13,973	stainless steel	4I
T.096.160.0870.A	9,6	1,60	87,0	0,2874	134,6	16,024	music wire	4I
T.096.160.0870.I	9,6	1,60	87,0	0,2468	135,4	13,973	stainless steel	4I
T.096.160.0890.A	9,6	1,60	89,0	0,2797	138,0	16,024	music wire	4I
T.096.160.0890.I	9,6	1,60	89,0	0,2402	138,7	13,973	stainless steel	4I
T.096.160.0982.A	9,6	1,60	98,2	0,2490	153,2	16,024	music wire	4I
T.096.160.0982.I	9,6	1,60	98,2	0,2138	154,0	13,973	stainless steel	4I
T.096.160.1080.A	9,6	1,60	108,0	0,2229	169,4	16,024	music wire	4I
T.096.160.1080.I	9,6	1,60	108,0	0,1915	170,4	13,973	stainless steel	4I
T.096.160.1110.A	9,6	1,60	111,0	0,2160	174,4	16,024	music wire	4I
T.096.160.1110.I	9,6	1,60	111,0	0,1855	175,4	13,973	stainless steel	4I
T.096.160.1230.A	9,6	1,60	123,0	0,1921	194,3	16,024	music wire	4I
T.096.160.1230.I	9,6	1,60	123,0	0,1650	195,4	13,973	stainless steel	4I
T.096.160.1360.A	9,6	1,60	136,0	0,1716	215,8	16,024	music wire	4I
T.096.160.1360.I	9,6	1,60	136,0	0,1474	217,0	13,973	stainless steel	4I
T.096.160.1400.A	9,6	1,60	140,0	0,1661	222,4	16,024	music wire	4I
T.096.160.1400.I	9,6	1,60	140,0	0,1427	223,7	13,973	stainless steel	4I
T.096.160.1720.A	9,6	1,60	172,0	0,1324	275,4	16,024	music wire	4I
T.096.160.1720.I	9,6	1,60	172,0	0,1137	277,0	13,973	stainless steel	4I
T.096.170.0320.A	9,6	1,70	32,0	1,6390	41,8	18,871	music wire	4I
T.096.170.0320.I	9,6	1,70	32,0	1,4077	41,9	16,487	stainless steel	4I
T.099.060.0270.A	9,9	0,60	27,0	0,0109	116,3	1,014	music wire	4C
T.099.060.0270.I	9,9	0,60	27,0	0,0094	115,3	0,862	stainless steel	4C
T.099.100.0270.A	9,9	1,00	27,0	0,1417	54,2	4,266	music wire	4E
T.099.100.0270.I	9,9	1,00	27,0	0,1217	54,3	3,671	stainless steel	4E
T.099.100.0380.A	9,9	1,00	38,0	0,0682	94,6	4,266	music wire	4E
T.099.100.0380.I	9,9	1,00	38,0	0,0585	94,7	3,671	stainless steel	4E
T.099.100.0800.A	9,9	1,00	80,0	0,0229	248,6	4,266	music wire	4E
T.099.100.0800.I	9,9	1,00	80,0	0,0196	241,5	3,524	stainless steel	4E
T.099.100.2000.A	9,9	1,00	200,0	0,0079	688,8	4,266	music wire	4F
T.099.100.2000.I	9,9	1,00	200,0	0,0068	689,8	3,671	stainless steel	4G



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.099.140.0290.A	9,9	1,40	29,0	0,6658	43,2	10,832	music wire	4G
T.099.140.0290.I	9,9	1,40	29,0	0,5719	43,3	9,408	stainless steel	4H
T.100.050.0200.A	10,0	0,50	20,0	0,0248	44,0	0,599	music wire	4C
T.100.050.0200.I	10,0	0,50	20,0	0,0213	43,6	0,507	stainless steel	4C
T.100.050.0220.A	10,0	0,50	22,0	0,0106	77,7	0,596	music wire	4C
T.100.050.0220.I	10,0	0,50	22,0	0,0091	75,0	0,487	stainless steel	4C
T.100.050.0255.A	10,0	0,50	25,5	0,0053	137,5	0,599	music wire	4C
T.100.050.0255.I	10,0	0,50	25,5	0,0046	135,9	0,507	stainless steel	4C
T.100.050.0365.A	10,0	0,50	36,5	0,0021	324,5	0,599	music wire	4C
T.100.050.0365.I	10,0	0,50	36,5	0,0018	320,3	0,507	stainless steel	4C
T.100.050.0380.A	10,0	0,50	38,0	0,0019	348,2	0,596	music wire	4C
T.100.050.0380.I	10,0	0,50	38,0	0,0016	333,0	0,487	stainless steel	4C
T.100.050.0480.A	10,0	0,50	48,0	0,0013	517,3	0,596	music wire	4C
T.100.050.0480.I	10,0	0,50	48,0	0,0011	494,3	0,487	stainless steel	4C
T.100.050.0585.A	10,0	0,50	58,5	0,0009	698,5	0,599	music wire	4C
T.100.050.0585.I	10,0	0,50	58,5	0,0008	689,2	0,507	stainless steel	4C
T.100.070.0236.A	10,0	0,70	23,6	0,0373	62,9	1,552	music wire	4C
T.100.070.0236.I	10,0	0,70	23,6	0,0321	62,6	1,324	stainless steel	4C
T.100.070.0404.A	10,0	0,70	40,4	0,0095	195,4	1,552	music wire	4C
T.100.070.0404.I	10,0	0,70	40,4	0,0081	194,3	1,324	stainless steel	4C
T.100.070.0740.A	10,0	0,70	74,0	0,0038	460,4	1,552	music wire	4C
T.100.070.0740.I	10,0	0,70	74,0	0,0033	457,7	1,324	stainless steel	4D
T.100.070.0844.A	10,0	0,70	84,4	0,0032	542,4	1,552	music wire	4C
T.100.070.0844.I	10,0	0,70	84,4	0,0027	539,2	1,324	stainless steel	4D
T.100.070.0908.A	10,0	0,70	90,8	0,0029	592,9	1,552	music wire	4C
T.100.070.0908.I	10,0	0,70	90,8	0,0025	589,4	1,324	stainless steel	4D
T.100.080.0220.A	10,0	0,80	22,0	0,0974	43,5	2,256	music wire	4C
T.100.080.0220.I	10,0	0,80	22,0	0,0837	42,5	1,857	stainless steel	4C
T.100.080.0230.A	10,0	0,80	23,0	0,0794	49,4	2,261	music wire	4C
T.100.080.0230.I	10,0	0,80	23,0	0,0682	49,4	1,934	stainless steel	4C
T.100.080.0254.A	10,0	0,80	25,4	0,0552	63,3	2,256	music wire	4C
T.100.080.0254.I	10,0	0,80	25,4	0,0474	61,6	1,857	stainless steel	4C
T.100.080.0320.A	10,0	0,80	32,0	0,0298	102,5	2,261	music wire	4C
T.100.080.0320.I	10,0	0,80	32,0	0,0256	102,3	1,934	stainless steel	4C
T.100.080.0348.A	10,0	0,80	34,8	0,0249	118,9	2,256	music wire	4C
T.100.080.0348.I	10,0	0,80	34,8	0,0214	115,1	1,857	stainless steel	4C
T.100.080.0380.A	10,0	0,80	38,0	0,0210	137,7	2,256	music wire	4C
T.100.080.0380.I	10,0	0,80	38,0	0,0180	133,3	1,857	stainless steel	4C
T.100.080.0400.A	10,0	0,80	40,0	0,0191	149,7	2,261	music wire	4C
T.100.080.0400.I	10,0	0,80	40,0	0,0164	149,3	1,934	stainless steel	4C
T.100.080.0500.A	10,0	0,80	50,0	0,0132	208,7	2,261	music wire	4C
T.100.080.0500.I	10,0	0,80	50,0	0,0114	208,1	1,934	stainless steel	4D
T.100.080.0572.A	10,0	0,80	57,2	0,0108	250,8	2,256	music wire	4C
T.100.080.0572.I	10,0	0,80	57,2	0,0093	242,1	1,857	stainless steel	4D
T.100.080.0630.A	10,0	0,80	63,0	0,0094	285,4	2,261	music wire	4C
T.100.080.0630.I	10,0	0,80	63,0	0,0081	284,5	1,934	stainless steel	4D
T.100.080.0635.A	10,0	0,80	63,5	0,0093	288,0	2,256	music wire	4C
T.100.080.0635.I	10,0	0,80	63,5	0,0080	277,9	1,857	stainless steel	4D
T.100.080.0698.A	10,0	0,80	69,8	0,0082	324,8	2,256	music wire	4C
T.100.080.0698.I	10,0	0,80	69,8	0,0071	313,4	1,857	stainless steel	4D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.080.0700.A	10,0	0,80	70,0	0,0082	326,2	2,256	music wire	4C
T.100.080.0700.I	10,0	0,80	70,0	0,0070	314,7	1,857	stainless steel	4D
T.100.080.0762.A	10,0	0,80	76,2	0,0073	362,5	2,256	music wire	4C
T.100.080.0762.I	10,0	0,80	76,2	0,0063	349,6	1,857	stainless steel	4D
T.100.080.0800.A	10,0	0,80	80,0	0,0069	385,6	2,261	music wire	4C
T.100.080.0800.I	10,0	0,80	80,0	0,0059	384,5	1,934	stainless steel	4D
T.100.080.0830.A	10,0	0,80	83,0	0,0066	402,9	2,256	music wire	4C
T.100.080.0830.I	10,0	0,80	83,0	0,0056	388,6	1,857	stainless steel	4D
T.100.080.0850.A	10,0	0,80	85,0	0,0064	414,3	2,256	music wire	4C
T.100.080.0850.I	10,0	0,80	85,0	0,0055	399,5	1,857	stainless steel	4D
T.100.080.0889.A	10,0	0,80	88,9	0,0060	437,4	2,256	music wire	4C
T.100.080.0889.I	10,0	0,80	88,9	0,0052	421,7	1,857	stainless steel	4D
T.100.080.0890.A	10,0	0,80	89,0	0,0060	437,9	2,256	music wire	4C
T.100.080.0890.I	10,0	0,80	89,0	0,0052	422,2	1,857	stainless steel	4D
T.100.080.1000.A	10,0	0,80	100,0	0,0052	503,6	2,261	music wire	4D
T.100.080.1000.I	10,0	0,80	100,0	0,0045	502,1	1,934	stainless steel	4D
T.100.080.1016.A	10,0	0,80	101,6	0,0051	512,2	2,256	music wire	4D
T.100.080.1016.I	10,0	0,80	101,6	0,0044	493,8	1,857	stainless steel	4D
T.100.080.1020.A	10,0	0,80	102,0	0,0051	514,6	2,256	music wire	4D
T.100.080.1020.I	10,0	0,80	102,0	0,0044	496,1	1,857	stainless steel	4D
T.100.080.1143.A	10,0	0,80	114,3	0,0044	587,1	2,256	music wire	4D
T.100.080.1143.I	10,0	0,80	114,3	0,0038	565,9	1,857	stainless steel	4D
T.100.080.1520.A	10,0	0,80	152,0	0,0032	809,0	2,256	music wire	4D
T.100.080.1520.I	10,0	0,80	152,0	0,0027	779,6	1,857	stainless steel	4E
T.100.080.2900.A	10,0	0,80	290,0	0,0016	1621,7	2,256	music wire	4E
T.100.080.2900.I	10,0	0,80	290,0	0,0014	1562,0	1,857	stainless steel	4E
T.100.080.3600.A	10,0	0,80	360,0	0,0013	2037,2	2,261	music wire	4F
T.100.080.3600.I	10,0	0,80	360,0	0,0011	2030,9	1,934	stainless steel	4F
T.100.085.0508.A	10,0	0,85	50,8	0,0177	190,2	2,677	music wire	4C
T.100.085.0508.I	10,0	0,85	50,8	0,0152	184,0	2,205	stainless steel	4D
T.100.085.0572.A	10,0	0,85	57,2	0,0148	223,6	2,677	music wire	4C
T.100.085.0572.I	10,0	0,85	57,2	0,0127	216,2	2,205	stainless steel	4D
T.100.085.0700.A	10,0	0,85	70,0	0,0112	289,7	2,677	music wire	4C
T.100.085.0700.I	10,0	0,85	70,0	0,0096	280,0	2,205	stainless steel	4D
T.100.090.0230.A	10,0	0,90	23,0	0,1400	43,6	3,147	music wire	4E
T.100.090.0230.I	10,0	0,90	23,0	0,1203	43,6	2,700	stainless steel	4E
T.100.090.0284.A	10,0	0,90	28,4	0,0719	68,5	3,147	music wire	4E
T.100.090.0284.I	10,0	0,90	28,4	0,0618	68,4	2,700	stainless steel	4E
T.100.090.0320.A	10,0	0,90	32,0	0,0543	85,1	3,147	music wire	4E
T.100.090.0320.I	10,0	0,90	32,0	0,0466	85,0	2,700	stainless steel	4E
T.100.090.0365.A	10,0	0,90	36,5	0,0416	105,8	3,147	music wire	4E
T.100.090.0365.I	10,0	0,90	36,5	0,0357	105,8	2,700	stainless steel	4E
T.100.090.0380.A	10,0	0,90	38,0	0,0386	112,7	3,144	music wire	4E
T.100.090.0380.I	10,0	0,90	38,0	0,0331	109,4	2,592	stainless steel	4E
T.100.090.0381.A	10,0	0,90	38,1	0,0384	113,1	3,144	music wire	4E
T.100.090.0381.I	10,0	0,90	38,1	0,0330	109,8	2,592	stainless steel	4E
T.100.090.0400.A	10,0	0,90	40,0	0,0352	122,0	3,147	music wire	4E
T.100.090.0400.I	10,0	0,90	40,0	0,0302	121,9	2,700	stainless steel	4E
T.100.090.0400.N	10,0	0,90	40,0	0,0352	122,0	3,147	Zn coating	4G
T.100.090.0444.A	10,0	0,90	44,4	0,0295	142,1	3,144	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.090.0444.I	10,0	0,90	44,4	0,0253	137,9	2,592	stainless steel	4E
T.100.090.0500.A	10,0	0,90	50,0	0,0244	168,1	3,147	music wire	4E
T.100.090.0500.I	10,0	0,90	50,0	0,0210	168,0	2,700	stainless steel	4E
T.100.090.0508.A	10,0	0,90	50,8	0,0238	171,6	3,144	music wire	4E
T.100.090.0508.I	10,0	0,90	50,8	0,0205	166,3	2,592	stainless steel	4E
T.100.090.0572.A	10,0	0,90	57,2	0,0200	201,0	3,144	music wire	4E
T.100.090.0572.I	10,0	0,90	57,2	0,0172	194,7	2,592	stainless steel	4E
T.100.090.0630.A	10,0	0,90	63,0	0,0175	228,0	3,147	music wire	4E
T.100.090.0630.I	10,0	0,90	63,0	0,0150	227,9	2,700	stainless steel	4E
T.100.090.0635.A	10,0	0,90	63,5	0,0173	230,0	3,144	music wire	4E
T.100.090.0635.I	10,0	0,90	63,5	0,0149	222,8	2,592	stainless steel	4E
T.100.090.0680.A	10,0	0,90	68,0	0,0157	251,0	3,147	music wire	4E
T.100.090.0680.I	10,0	0,90	68,0	0,0135	250,9	2,700	stainless steel	4E
T.100.090.0698.A	10,0	0,90	69,8	0,0152	259,1	3,144	music wire	4E
T.100.090.0698.I	10,0	0,90	69,8	0,0131	250,8	2,592	stainless steel	4E
T.100.090.0700.A	10,0	0,90	70,0	0,0151	260,2	3,144	music wire	4E
T.100.090.0700.I	10,0	0,90	70,0	0,0130	251,9	2,592	stainless steel	4E
T.100.090.0760.A	10,0	0,90	76,0	0,0136	287,7	3,144	music wire	4E
T.100.090.0760.I	10,0	0,90	76,0	0,0117	278,4	2,592	stainless steel	4E
T.100.090.0762.A	10,0	0,90	76,2	0,0136	288,5	3,144	music wire	4E
T.100.090.0762.I	10,0	0,90	76,2	0,0116	279,3	2,592	stainless steel	4E
T.100.090.0800.A	10,0	0,90	80,0	0,0127	306,4	3,147	music wire	4E
T.100.090.0800.I	10,0	0,90	80,0	0,0109	306,2	2,700	stainless steel	4E
T.100.090.1000.A	10,0	0,90	100,0	0,0097	398,6	3,147	music wire	4E
T.100.090.1000.I	10,0	0,90	100,0	0,0083	398,3	2,700	stainless steel	4E
T.100.090.3600.A	10,0	0,90	360,0	0,0023	1597,3	3,147	music wire	4G
T.100.090.3600.I	10,0	0,90	360,0	0,0020	1596,2	2,700	stainless steel	4H
T.100.100.0320.A	10,0	1,00	32,0	0,0932	73,0	4,225	music wire	4E
T.100.100.0320.I	10,0	1,00	32,0	0,0800	73,1	3,636	stainless steel	4E
T.100.100.0400.A	10,0	1,00	40,0	0,0608	102,9	4,225	music wire	4E
T.100.100.0400.I	10,0	1,00	40,0	0,0522	103,1	3,636	stainless steel	4E
T.100.100.0500.A	10,0	1,00	50,0	0,0423	140,3	4,225	music wire	4E
T.100.100.0500.I	10,0	1,00	50,0	0,0364	140,5	3,636	stainless steel	4E
T.100.100.0600.A	10,0	1,00	60,0	0,0325	177,7	4,225	music wire	4E
T.100.100.0600.I	10,0	1,00	60,0	0,0279	177,9	3,636	stainless steel	4E
T.100.100.0630.A	10,0	1,00	63,0	0,0304	188,9	4,225	music wire	4E
T.100.100.0630.I	10,0	1,00	63,0	0,0261	189,1	3,636	stainless steel	4E
T.100.100.0800.A	10,0	1,00	80,0	0,0222	252,4	4,225	music wire	4E
T.100.100.0800.I	10,0	1,00	80,0	0,0191	252,7	3,636	stainless steel	4E
T.100.100.1000.A	10,0	1,00	100,0	0,0168	327,1	4,225	music wire	4E
T.100.100.1000.I	10,0	1,00	100,0	0,0145	327,5	3,636	stainless steel	4F
T.100.100.1150.A	10,0	1,00	115,0	0,0143	383,1	4,225	music wire	4E
T.100.100.1150.I	10,0	1,00	115,0	0,0122	371,8	3,490	stainless steel	4F
T.100.100.3600.A	10,0	1,00	360,0	0,0041	1298,5	4,225	music wire	4G
T.100.100.3600.I	10,0	1,00	360,0	0,0035	1300,3	3,636	stainless steel	4H
T.100.110.0320.A	10,0	1,10	32,0	0,1521	64,4	5,510	music wire	4E
T.100.110.0320.I	10,0	1,10	32,0	0,1307	64,6	4,754	stainless steel	4F
T.100.110.0400.A	10,0	1,10	40,0	0,1000	89,4	5,510	music wire	4F
T.100.110.0400.I	10,0	1,10	40,0	0,0858	89,6	4,754	stainless steel	4F
T.100.110.0500.A	10,0	1,10	50,0	0,0700	120,6	5,510	music wire	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.110.0500.I	10,0	1,10	50,0	0,0600	120,9	4,754	stainless steel	4F
T.100.110.0630.A	10,0	1,10	63,0	0,0503	161,2	5,510	music wire	4F
T.100.110.0630.I	10,0	1,10	63,0	0,0432	161,6	4,754	stainless steel	4F
T.100.110.0800.A	10,0	1,10	80,0	0,0368	214,2	5,510	music wire	4F
T.100.110.0800.I	10,0	1,10	80,0	0,0316	214,8	4,754	stainless steel	4G
T.100.110.1000.A	10,0	1,10	100,0	0,0279	276,6	5,510	music wire	4F
T.100.110.1000.I	10,0	1,10	100,0	0,0240	277,4	4,754	stainless steel	4G
T.100.110.3600.A	10,0	1,10	360,0	0,0068	1087,9	5,510	music wire	4H
T.100.110.3600.I	10,0	1,10	360,0	0,0058	1091,1	4,754	stainless steel	4I
T.100.120.0830.A	10,0	1,20	83,0	0,0559	194,6	7,028	music wire	4F
T.100.120.0830.I	10,0	1,20	83,0	0,0480	190,1	5,824	stainless steel	4G
T.100.125.0320.A	10,0	1,25	32,0	0,2947	55,5	7,855	music wire	4F
T.100.125.0320.I	10,0	1,25	32,0	0,2531	55,7	6,800	stainless steel	4F
T.100.125.0348.A	10,0	1,25	34,8	0,2509	62,5	7,871	music wire	4F
T.100.125.0348.I	10,0	1,25	34,8	0,2155	61,4	6,528	stainless steel	4F
T.100.125.0380.A	10,0	1,25	38,0	0,2134	70,6	7,871	music wire	4F
T.100.125.0380.I	10,0	1,25	38,0	0,1833	69,3	6,528	stainless steel	4F
T.100.125.0400.A	10,0	1,25	40,0	0,1954	75,5	7,855	music wire	4F
T.100.125.0400.I	10,0	1,25	40,0	0,1678	75,8	6,800	stainless steel	4F
T.100.125.0470.A	10,0	1,25	47,0	0,1509	93,0	7,855	music wire	4F
T.100.125.0470.I	10,0	1,25	47,0	0,1296	93,3	6,800	stainless steel	4F
T.100.125.0500.A	10,0	1,25	50,0	0,1375	100,4	7,855	music wire	4F
T.100.125.0500.I	10,0	1,25	50,0	0,1181	100,8	6,800	stainless steel	4F
T.100.125.0508.A	10,0	1,25	50,8	0,1345	102,5	7,871	music wire	4F
T.100.125.0508.I	10,0	1,25	50,8	0,1155	100,4	6,528	stainless steel	4F
T.100.125.0572.A	10,0	1,25	57,2	0,1132	118,6	7,871	music wire	4F
T.100.125.0572.I	10,0	1,25	57,2	0,0972	116,2	6,528	stainless steel	4G
T.100.125.0595.A	10,0	1,25	59,5	0,1073	124,1	7,855	music wire	4F
T.100.125.0595.I	10,0	1,25	59,5	0,0922	124,7	6,800	stainless steel	4G
T.100.125.0630.A	10,0	1,25	63,0	0,0993	132,9	7,855	music wire	4F
T.100.125.0630.I	10,0	1,25	63,0	0,0853	133,4	6,800	stainless steel	4G
T.100.125.0635.A	10,0	1,25	63,5	0,0982	134,3	7,871	music wire	4F
T.100.125.0635.I	10,0	1,25	63,5	0,0844	131,5	6,528	stainless steel	4G
T.100.125.0698.A	10,0	1,25	69,8	0,0867	149,9	7,871	music wire	4F
T.100.125.0698.I	10,0	1,25	69,8	0,0745	146,7	6,528	stainless steel	4G
T.100.125.0700.A	10,0	1,25	70,0	0,0863	150,5	7,871	music wire	4F
T.100.125.0700.I	10,0	1,25	70,0	0,0742	147,3	6,528	stainless steel	4G
T.100.125.0720.A	10,0	1,25	72,0	0,0832	155,3	7,855	music wire	4F
T.100.125.0720.I	10,0	1,25	72,0	0,0715	156,0	6,800	stainless steel	4G
T.100.125.0800.A	10,0	1,25	80,0	0,0728	175,3	7,855	music wire	4F
T.100.125.0800.I	10,0	1,25	80,0	0,0625	176,0	6,800	stainless steel	4G
T.100.125.0890.A	10,0	1,25	89,0	0,0638	197,9	7,871	music wire	4F
T.100.125.0890.I	10,0	1,25	89,0	0,0548	193,6	6,528	stainless steel	4G
T.100.125.0970.A	10,0	1,25	97,0	0,0575	217,7	7,855	music wire	4F
T.100.125.0970.I	10,0	1,25	97,0	0,0494	218,6	6,800	stainless steel	4G
T.100.125.1000.A	10,0	1,25	100,0	0,0554	225,2	7,855	music wire	4F
T.100.125.1000.I	10,0	1,25	100,0	0,0476	226,2	6,800	stainless steel	4G
T.100.125.3600.A	10,0	1,25	360,0	0,0135	873,7	7,855	music wire	4I
T.100.125.3600.I	10,0	1,25	360,0	0,0116	877,8	6,800	stainless steel	4I
T.100.140.0269.A	10,0	1,40	26,9	0,7761	39,0	10,733	music wire	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.140.0269.I	10,0	1,40	26,9	0,6665	39,1	9,322	stainless steel	4H
T.100.140.0320.A	10,0	1,40	32,0	0,5317	49,6	10,733	music wire	4G
T.100.140.0320.I	10,0	1,40	32,0	0,4567	49,8	9,322	stainless steel	4H
T.100.140.0380.A	10,0	1,40	38,0	0,3870	62,3	10,767	music wire	4G
T.100.140.0380.I	10,0	1,40	38,0	0,3324	61,3	8,949	stainless steel	4H
T.100.140.0381.A	10,0	1,40	38,1	0,3870	62,4	10,767	music wire	4G
T.100.140.0381.I	10,0	1,40	38,1	0,3324	61,4	8,949	stainless steel	4H
T.100.140.0400.A	10,0	1,40	40,0	0,3560	66,3	10,733	music wire	4G
T.100.140.0400.I	10,0	1,40	40,0	0,3057	66,6	9,322	stainless steel	4H
T.100.140.0444.A	10,0	1,40	44,4	0,3016	75,5	10,767	music wire	4G
T.100.140.0444.I	10,0	1,40	44,4	0,2591	74,3	8,949	stainless steel	4H
T.100.140.0479.A	10,0	1,40	47,9	0,2684	82,8	10,733	music wire	4G
T.100.140.0479.I	10,0	1,40	47,9	0,2305	83,2	9,322	stainless steel	4H
T.100.140.0500.A	10,0	1,40	50,0	0,2519	87,2	10,733	music wire	4G
T.100.140.0500.I	10,0	1,40	50,0	0,2163	87,6	9,322	stainless steel	4H
T.100.140.0508.A	10,0	1,40	50,8	0,2461	88,9	10,767	music wire	4G
T.100.140.0508.I	10,0	1,40	50,8	0,2114	87,5	8,949	stainless steel	4H
T.100.140.0572.A	10,0	1,40	57,2	0,2079	102,4	10,767	music wire	4G
T.100.140.0572.I	10,0	1,40	57,2	0,1785	100,6	8,949	stainless steel	4H
T.100.140.0630.A	10,0	1,40	63,0	0,1825	114,3	10,733	music wire	4H
T.100.140.0630.I	10,0	1,40	63,0	0,1568	114,9	9,322	stainless steel	4H
T.100.140.0635.A	10,0	1,40	63,5	0,1804	115,5	10,767	music wire	4H
T.100.140.0635.I	10,0	1,40	63,5	0,1550	113,5	8,949	stainless steel	4H
T.100.140.0689.A	10,0	1,40	68,9	0,1622	126,6	10,733	music wire	4H
T.100.140.0689.I	10,0	1,40	68,9	0,1393	127,2	9,322	stainless steel	4H
T.100.140.0698.A	10,0	1,40	69,8	0,1594	128,7	10,767	music wire	4H
T.100.140.0698.I	10,0	1,40	69,8	0,1369	126,4	8,949	stainless steel	4H
T.100.140.0700.A	10,0	1,40	70,0	0,1590	129,1	10,767	music wire	4H
T.100.140.0700.I	10,0	1,40	70,0	0,1366	126,8	8,949	stainless steel	4H
T.100.140.0800.A	10,0	1,40	80,0	0,1342	149,7	10,733	music wire	4H
T.100.140.0800.I	10,0	1,40	80,0	0,1152	150,5	9,322	stainless steel	4H
T.100.140.0890.A	10,0	1,40	89,0	0,1176	168,8	10,767	music wire	4H
T.100.140.0890.I	10,0	1,40	89,0	0,1010	165,8	8,949	stainless steel	4H
T.100.140.0969.A	10,0	1,40	96,9	0,1062	185,0	10,733	music wire	4H
T.100.140.0969.I	10,0	1,40	96,9	0,0912	186,0	9,322	stainless steel	4I
T.100.140.1000.A	10,0	1,40	100,0	0,1023	191,5	10,733	music wire	4H
T.100.140.1000.I	10,0	1,40	100,0	0,0879	192,5	9,322	stainless steel	4I
T.100.140.2900.A	10,0	1,40	290,0	0,0314	587,9	10,733	music wire	4I
T.100.140.2900.I	10,0	1,40	290,0	0,0270	591,3	9,322	stainless steel	4I
T.100.140.3600.A	10,0	1,40	360,0	0,0250	734,0	10,733	music wire	4I
T.100.140.3600.I	10,0	1,40	360,0	0,0215	738,2	9,322	stainless steel	4I
T.100.150.2180.A	10,0	1,50	218,0	0,0622	398,3	12,964	music wire	4I
T.100.150.2180.I	10,0	1,50	218,0	0,0534	400,7	11,284	stainless steel	4I
T.100.160.0270.A	10,0	1,60	27,0	1,5222	35,8	15,526	music wire	4I
T.100.160.0270.I	10,0	1,60	27,0	1,3074	35,4	12,939	stainless steel	4I
T.100.160.0318.A	10,0	1,60	31,8	1,0831	44,1	15,526	music wire	4I
T.100.160.0318.I	10,0	1,60	31,8	0,9303	43,7	12,939	stainless steel	4I
T.100.160.0320.A	10,0	1,60	32,0	1,0728	44,4	15,456	music wire	4I
T.100.160.0320.I	10,0	1,60	32,0	0,9214	44,6	13,478	stainless steel	4I
T.100.160.0330.A	10,0	1,60	33,0	1,0148	46,1	15,526	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.160.0330.I	10,0	1,60	33,0	0,8716	45,7	12,939	stainless steel	4I
T.100.160.0348.A	10,0	1,60	34,8	0,9233	49,2	15,526	music wire	4I
T.100.160.0348.I	10,0	1,60	34,8	0,7930	48,7	12,939	stainless steel	4I
T.100.160.0381.A	10,0	1,60	38,1	0,7877	55,0	15,526	music wire	4I
T.100.160.0381.I	10,0	1,60	38,1	0,6766	54,4	12,939	stainless steel	4I
T.100.160.0400.A	10,0	1,60	40,0	0,7267	58,3	15,456	music wire	4I
T.100.160.0400.I	10,0	1,60	40,0	0,6242	58,5	13,478	stainless steel	4I
T.100.160.0435.A	10,0	1,60	43,5	0,6364	64,4	15,526	music wire	4I
T.100.160.0435.I	10,0	1,60	43,5	0,5466	63,7	12,939	stainless steel	4I
T.100.160.0438.A	10,0	1,60	43,8	0,6293	65,0	15,526	music wire	4I
T.100.160.0438.I	10,0	1,60	43,8	0,5405	64,2	12,939	stainless steel	4I
T.100.160.0500.A	10,0	1,60	50,0	0,5179	75,6	15,456	music wire	4I
T.100.160.0500.I	10,0	1,60	50,0	0,4448	76,0	13,478	stainless steel	4I
T.100.160.0508.A	10,0	1,60	50,8	0,5074	77,1	15,526	music wire	4I
T.100.160.0508.I	10,0	1,60	50,8	0,4358	76,1	12,939	stainless steel	4I
T.100.160.0572.A	10,0	1,60	57,2	0,4299	88,2	15,526	music wire	4I
T.100.160.0572.I	10,0	1,60	57,2	0,3693	87,1	12,939	stainless steel	4I
T.100.160.0630.A	10,0	1,60	63,0	0,3771	98,2	15,456	music wire	4I
T.100.160.0630.I	10,0	1,60	63,0	0,3238	98,7	13,478	stainless steel	4I
T.100.160.0635.A	10,0	1,60	63,5	0,3730	99,2	15,526	music wire	4I
T.100.160.0635.I	10,0	1,60	63,5	0,3204	97,9	12,939	stainless steel	4I
T.100.160.0698.A	10,0	1,60	69,8	0,3303	110,2	15,526	music wire	4I
T.100.160.0698.I	10,0	1,60	69,8	0,2837	108,7	12,939	stainless steel	4I
T.100.160.0730.A	10,0	1,60	73,0	0,3118	115,6	15,456	music wire	4I
T.100.160.0730.I	10,0	1,60	73,0	0,2678	116,2	13,478	stainless steel	4I
T.100.160.0760.A	10,0	1,60	76,0	0,2964	121,0	15,526	music wire	4I
T.100.160.0760.I	10,0	1,60	76,0	0,2546	119,3	12,939	stainless steel	4I
T.100.160.0762.A	10,0	1,60	76,2	0,2957	121,3	15,526	music wire	4I
T.100.160.0762.I	10,0	1,60	76,2	0,2539	119,7	12,939	stainless steel	4I
T.100.160.0800.A	10,0	1,60	80,0	0,2781	127,7	15,456	music wire	4I
T.100.160.0800.I	10,0	1,60	80,0	0,2389	128,4	13,478	stainless steel	4I
T.100.160.0830.A	10,0	1,60	83,0	0,2657	133,2	15,526	music wire	4I
T.100.160.0830.I	10,0	1,60	83,0	0,2282	131,4	12,939	stainless steel	4I
T.100.160.0889.A	10,0	1,60	88,9	0,2443	143,5	15,526	music wire	4I
T.100.160.0889.I	10,0	1,60	88,9	0,2099	141,5	12,939	stainless steel	4I
T.100.160.0950.A	10,0	1,60	95,0	0,2257	154,1	15,526	music wire	4I
T.100.160.0950.I	10,0	1,60	95,0	0,1939	151,9	12,939	stainless steel	4I
T.100.160.0980.A	10,0	1,60	98,0	0,2175	159,3	15,526	music wire	4I
T.100.160.0980.I	10,0	1,60	98,0	0,1868	157,1	12,939	stainless steel	4I
T.100.160.1000.A	10,0	1,60	100,0	0,2125	162,4	15,456	music wire	4I
T.100.160.1000.I	10,0	1,60	100,0	0,1825	163,4	13,478	stainless steel	4I
T.100.160.1016.A	10,0	1,60	101,6	0,2086	165,5	15,526	music wire	4I
T.100.160.1016.I	10,0	1,60	101,6	0,1792	163,2	12,939	stainless steel	4I
T.100.160.1120.A	10,0	1,60	112,0	0,1862	183,6	15,526	music wire	4I
T.100.160.1120.I	10,0	1,60	112,0	0,1599	181,0	12,939	stainless steel	4I
T.100.160.1143.A	10,0	1,60	114,3	0,1820	187,6	15,526	music wire	4I
T.100.160.1143.I	10,0	1,60	114,3	0,1563	184,9	12,939	stainless steel	4I
T.100.160.1150.A	10,0	1,60	115,0	0,1805	188,9	15,526	music wire	4I
T.100.160.1150.I	10,0	1,60	115,0	0,1550	186,2	12,939	stainless steel	4I
T.100.160.1397.A	10,0	1,60	139,7	0,1448	231,8	15,526	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.100.160.1397.I	10,0	1,60	139,7	0,1244	228,4	12,939	stainless steel	4I
T.100.160.1490.A	10,0	1,60	149,0	0,1347	247,9	15,526	music wire	4I
T.100.160.1490.I	10,0	1,60	149,0	0,1157	244,3	12,939	stainless steel	4I
T.100.160.1900.A	10,0	1,60	190,0	0,1032	319,2	15,526	music wire	4I
T.100.160.1900.I	10,0	1,60	190,0	0,0886	314,5	12,939	stainless steel	4I
T.100.160.2150.A	10,0	1,60	215,0	0,0902	362,8	15,526	music wire	4I
T.100.160.2150.I	10,0	1,60	215,0	0,0775	357,4	12,939	stainless steel	4I
T.100.160.2290.A	10,0	1,60	229,0	0,0843	387,1	15,526	music wire	4I
T.100.160.2290.I	10,0	1,60	229,0	0,0724	381,4	12,939	stainless steel	4I
T.100.160.3600.A	10,0	1,60	360,0	0,0523	613,9	15,456	music wire	4I
T.100.160.3600.I	10,0	1,60	360,0	0,0449	617,8	13,478	stainless steel	4I
T.100.200.0296.A	10,0	2,00	29,6	4,0815	35,3	28,125	music wire	4K
T.100.200.0296.I	10,0	2,00	29,6	3,5056	35,5	24,698	stainless steel	4K
T.100.200.0316.A	10,0	2,00	31,6	3,6177	38,1	28,125	music wire	4K
T.100.200.0316.I	10,0	2,00	31,6	3,1072	38,2	24,698	stainless steel	4K
T.100.200.0416.A	10,0	2,00	41,6	2,3070	51,8	28,125	music wire	4K
T.100.200.0416.I	10,0	2,00	41,6	1,9814	52,0	24,698	stainless steel	4L
T.100.200.0436.A	10,0	2,00	43,6	2,1511	54,5	28,125	music wire	4K
T.100.200.0436.I	10,0	2,00	43,6	1,8476	54,7	24,698	stainless steel	4L
T.100.200.0576.A	10,0	2,00	57,6	1,4604	73,7	28,125	music wire	4K
T.100.200.0576.I	10,0	2,00	57,6	1,2543	74,0	24,698	stainless steel	4L
T.100.200.0616.A	10,0	2,00	61,6	1,3376	79,1	28,125	music wire	4K
T.100.200.0616.I	10,0	2,00	61,6	1,1489	79,5	24,698	stainless steel	4L
T.103.160.0810.A	10,3	1,60	81,0	0,2488	133,1	15,054	music wire	4I
T.103.160.0810.I	10,3	1,60	81,0	0,2137	133,9	13,127	stainless steel	4I
T.104.090.1150.A	10,4	0,90	115,0	0,0072	500,1	3,030	music wire	4E
T.104.090.1150.I	10,4	0,90	115,0	0,0062	499,8	2,601	stainless steel	4F
T.105.080.0380.A	10,5	0,80	38,0	0,0189	144,5	2,152	music wire	4C
T.105.080.0380.I	10,5	0,80	38,0	0,0162	139,7	1,771	stainless steel	4C
T.105.080.0700.A	10,5	0,80	70,0	0,0071	352,4	2,152	music wire	4C
T.105.080.0700.I	10,5	0,80	70,0	0,0061	339,8	1,771	stainless steel	4D
T.105.080.0760.A	10,5	0,80	76,0	0,0064	391,8	2,152	music wire	4C
T.105.080.0760.I	10,5	0,80	76,0	0,0055	377,8	1,771	stainless steel	4D
T.106.090.0250.A	10,6	0,90	25,0	0,1014	52,1	2,975	music wire	4E
T.106.090.0250.I	10,6	0,90	25,0	0,0871	52,0	2,553	stainless steel	4E
T.106.090.0290.A	10,6	0,90	29,0	0,0628	72,7	2,975	music wire	4E
T.106.090.0290.I	10,6	0,90	29,0	0,0539	72,7	2,553	stainless steel	4E
T.106.090.0350.A	10,6	0,90	35,0	0,0400	103,7	2,975	music wire	4E
T.106.090.0350.I	10,6	0,90	35,0	0,0343	103,6	2,553	stainless steel	4E
T.106.090.0380.A	10,6	0,90	38,0	0,0338	119,2	2,975	music wire	4E
T.106.090.0380.I	10,6	0,90	38,0	0,0290	119,1	2,553	stainless steel	4E
T.106.090.0450.A	10,6	0,90	45,0	0,0249	155,3	2,975	music wire	4E
T.106.090.0450.I	10,6	0,90	45,0	0,0214	155,2	2,553	stainless steel	4E
T.106.090.0500.A	10,6	0,90	50,0	0,0209	181,1	2,975	music wire	4E
T.106.090.0500.I	10,6	0,90	50,0	0,0180	181,0	2,553	stainless steel	4E
T.106.090.0570.A	10,6	0,90	57,0	0,0171	217,3	2,975	music wire	4E
T.106.090.0570.I	10,6	0,90	57,0	0,0147	217,1	2,553	stainless steel	4E
T.106.090.0640.A	10,6	0,90	64,0	0,0145	253,4	2,975	music wire	4E
T.106.090.0640.I	10,6	0,90	64,0	0,0124	253,3	2,553	stainless steel	4E
T.106.090.0700.A	10,6	0,90	70,0	0,0128	284,4	2,975	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.106.090.0700.I	10,6	0,90	70,0	0,0110	284,2	2,553	stainless steel	4E
T.106.090.0760.A	10,6	0,90	76,0	0,0115	315,4	2,975	music wire	4E
T.106.090.0760.I	10,6	0,90	76,0	0,0098	315,2	2,553	stainless steel	4E
T.106.112.0250.A	10,6	1,12	25,0	0,2943	41,8	5,483	music wire	4E
T.106.112.0250.I	10,6	1,12	25,0	0,2528	41,8	4,733	stainless steel	4F
T.106.112.0290.A	10,6	1,12	29,0	0,1888	55,1	5,483	music wire	4E
T.106.112.0290.I	10,6	1,12	29,0	0,1622	55,2	4,733	stainless steel	4F
T.106.112.0320.A	10,6	1,12	32,0	0,1488	65,1	5,483	music wire	4E
T.106.112.0320.I	10,6	1,12	32,0	0,1278	65,3	4,733	stainless steel	4F
T.106.112.0350.A	10,6	1,12	35,0	0,1228	75,2	5,483	music wire	4E
T.106.112.0350.I	10,6	1,12	35,0	0,1055	75,4	4,733	stainless steel	4F
T.106.112.0380.A	10,6	1,12	38,0	0,1045	85,2	5,483	music wire	4F
T.106.112.0380.I	10,6	1,12	38,0	0,0900	85,4	4,733	stainless steel	4F
T.106.112.0450.A	10,6	1,12	45,0	0,0776	108,6	5,483	music wire	4F
T.106.112.0450.I	10,6	1,12	45,0	0,0666	108,9	4,733	stainless steel	4F
T.106.112.0570.A	10,6	1,12	57,0	0,0538	148,6	5,483	music wire	4F
T.106.112.0570.I	10,6	1,12	57,0	0,0462	149,1	4,733	stainless steel	4F
T.106.112.0700.A	10,6	1,12	70,0	0,0404	192,1	5,483	music wire	4F
T.106.112.0700.I	10,6	1,12	70,0	0,0347	192,7	4,733	stainless steel	4G
T.106.112.0760.A	10,6	1,12	76,0	0,0362	212,1	5,483	music wire	4F
T.106.112.0760.I	10,6	1,12	76,0	0,0311	212,8	4,733	stainless steel	4G
T.107.090.0254.A	10,7	0,90	25,4	0,0954	53,9	2,948	music wire	4E
T.107.090.0254.I	10,7	0,90	25,4	0,0819	53,9	2,530	stainless steel	4E
T.107.090.0284.A	10,7	0,90	28,4	0,0659	69,7	2,948	music wire	4E
T.107.090.0284.I	10,7	0,90	28,4	0,0566	69,7	2,530	stainless steel	4E
T.107.090.0318.A	10,7	0,90	31,8	0,0488	87,6	2,948	music wire	4E
T.107.090.0318.I	10,7	0,90	31,8	0,0419	87,5	2,530	stainless steel	4E
T.107.090.0348.A	10,7	0,90	34,8	0,0397	103,4	2,948	music wire	4E
T.107.090.0348.I	10,7	0,90	34,8	0,0341	103,3	2,530	stainless steel	4E
T.107.090.0381.A	10,7	0,90	38,1	0,0329	120,7	2,948	music wire	4E
T.107.090.0381.I	10,7	0,90	38,1	0,0283	120,7	2,530	stainless steel	4E
T.107.090.0444.A	10,7	0,90	44,4	0,0249	153,9	2,948	music wire	4E
T.107.090.0444.I	10,7	0,90	44,4	0,0214	153,8	2,530	stainless steel	4E
T.107.090.0508.A	10,7	0,90	50,8	0,0199	187,5	2,948	music wire	4E
T.107.090.0508.I	10,7	0,90	50,8	0,0171	187,4	2,530	stainless steel	4E
T.107.090.0572.A	10,7	0,90	57,2	0,0166	221,2	2,948	music wire	4E
T.107.090.0572.I	10,7	0,90	57,2	0,0143	221,0	2,530	stainless steel	4E
T.107.090.0635.A	10,7	0,90	63,5	0,0143	254,3	2,948	music wire	4E
T.107.090.0635.I	10,7	0,90	63,5	0,0123	254,1	2,530	stainless steel	4E
T.107.090.0698.A	10,7	0,90	69,8	0,0125	287,4	2,948	music wire	4E
T.107.090.0698.I	10,7	0,90	69,8	0,0107	287,3	2,530	stainless steel	4E
T.107.090.0762.A	10,7	0,90	76,2	0,0111	321,1	2,948	music wire	4E
T.107.090.0762.I	10,7	0,90	76,2	0,0095	320,9	2,530	stainless steel	4E
T.107.090.1110.A	10,7	0,90	111,0	0,0069	504,1	2,948	music wire	4E
T.107.090.1110.I	10,7	0,90	111,0	0,0059	503,8	2,530	stainless steel	4F
T.107.110.0254.A	10,7	1,10	25,4	0,2540	43,8	5,169	music wire	4E
T.107.110.0254.I	10,7	1,10	25,4	0,2182	43,8	4,459	stainless steel	4F
T.107.110.0284.A	10,7	1,10	28,4	0,1800	54,3	5,169	music wire	4E
T.107.110.0284.I	10,7	1,10	28,4	0,1546	54,4	4,459	stainless steel	4F
T.107.110.0318.A	10,7	1,10	31,8	0,1354	66,2	5,169	music wire	4E



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.107.110.0318.I	10,7	1,10	31,8	0,1163	66,4	4,459	stainless steel	4F
T.107.110.0348.A	10,7	1,10	34,8	0,1110	76,8	5,169	music wire	4E
T.107.110.0348.I	10,7	1,10	34,8	0,0954	77,0	4,459	stainless steel	4F
T.107.110.0381.A	10,7	1,10	38,1	0,0927	88,4	5,169	music wire	4F
T.107.110.0381.I	10,7	1,10	38,1	0,0796	88,6	4,459	stainless steel	4F
T.107.110.0444.A	10,7	1,10	44,4	0,0705	110,5	5,169	music wire	4F
T.107.110.0444.I	10,7	1,10	44,4	0,0606	110,8	4,459	stainless steel	4F
T.107.110.0508.A	10,7	1,10	50,8	0,0567	133,0	5,169	music wire	4F
T.107.110.0508.I	10,7	1,10	50,8	0,0487	133,4	4,459	stainless steel	4F
T.107.110.0572.A	10,7	1,10	57,2	0,0474	155,5	5,169	music wire	4F
T.107.110.0572.I	10,7	1,10	57,2	0,0407	156,0	4,459	stainless steel	4F
T.107.110.0635.A	10,7	1,10	63,5	0,0408	177,7	5,169	music wire	4F
T.107.110.0635.I	10,7	1,10	63,5	0,0351	178,2	4,459	stainless steel	4F
T.107.110.0698.A	10,7	1,10	69,8	0,0359	199,8	5,169	music wire	4F
T.107.110.0698.I	10,7	1,10	69,8	0,0308	200,4	4,459	stainless steel	4G
T.107.110.0762.A	10,7	1,10	76,2	0,0319	222,3	5,169	music wire	4F
T.107.110.0762.I	10,7	1,10	76,2	0,0274	222,9	4,459	stainless steel	4G
T.107.120.0250.A	10,7	1,20	25,0	0,4100	39,3	6,584	music wire	4F
T.107.120.0250.I	10,7	1,20	25,0	0,3527	39,4	5,694	stainless steel	4F
T.107.140.0250.A	10,7	1,40	25,0	0,8733	35,1	10,086	music wire	4G
T.107.140.0250.I	10,7	1,40	25,0	0,7501	35,3	8,760	stainless steel	4H
T.107.140.0254.A	10,7	1,40	25,4	0,8307	36,1	10,086	music wire	4G
T.107.140.0254.I	10,7	1,40	25,4	0,7135	36,2	8,760	stainless steel	4H
T.107.140.0284.A	10,7	1,40	28,4	0,6100	43,0	10,086	music wire	4G
T.107.140.0284.I	10,7	1,40	28,4	0,5224	43,1	8,760	stainless steel	4H
T.107.140.0290.A	10,7	1,40	29,0	0,5773	44,4	10,086	music wire	4G
T.107.140.0290.I	10,7	1,40	29,0	0,4958	44,5	8,760	stainless steel	4H
T.107.140.0318.A	10,7	1,40	31,8	0,4666	50,8	10,086	music wire	4G
T.107.140.0318.I	10,7	1,40	31,8	0,4000	51,0	8,760	stainless steel	4H
T.107.140.0320.A	10,7	1,40	32,0	0,4603	51,3	10,086	music wire	4G
T.107.140.0320.I	10,7	1,40	32,0	0,3953	51,5	8,760	stainless steel	4H
T.107.140.0348.A	10,7	1,40	34,8	0,3870	57,7	10,086	music wire	4G
T.107.140.0348.I	10,7	1,40	34,8	0,3324	58,0	8,760	stainless steel	4H
T.107.140.0350.A	10,7	1,40	35,0	0,3827	58,2	10,086	music wire	4G
T.107.140.0350.I	10,7	1,40	35,0	0,3287	58,4	8,760	stainless steel	4H
T.107.140.0380.A	10,7	1,40	38,0	0,3275	65,1	10,086	music wire	4G
T.107.140.0380.I	10,7	1,40	38,0	0,2813	65,4	8,760	stainless steel	4H
T.107.140.0381.A	10,7	1,40	38,1	0,3259	65,3	10,086	music wire	4G
T.107.140.0381.I	10,7	1,40	38,1	0,2799	65,6	8,760	stainless steel	4H
T.107.140.0444.A	10,7	1,40	44,4	0,2504	79,8	10,086	music wire	4G
T.107.140.0444.I	10,7	1,40	44,4	0,2151	80,2	8,760	stainless steel	4H
T.107.140.0450.A	10,7	1,40	45,0	0,2450	81,2	10,086	music wire	4G
T.107.140.0450.I	10,7	1,40	45,0	0,2100	81,6	8,760	stainless steel	4H
T.107.140.0500.A	10,7	1,40	50,0	0,2077	92,7	10,086	music wire	4G
T.107.140.0500.I	10,7	1,40	50,0	0,1784	93,1	8,760	stainless steel	4H
T.107.140.0508.A	10,7	1,40	50,8	0,2027	94,5	10,086	music wire	4G
T.107.140.0508.I	10,7	1,40	50,8	0,1741	95,0	8,760	stainless steel	4H
T.107.140.0570.A	10,7	1,40	57,0	0,1712	108,8	10,086	music wire	4G
T.107.140.0570.I	10,7	1,40	57,0	0,1470	109,4	8,760	stainless steel	4H
T.107.140.0572.A	10,7	1,40	57,2	0,1703	109,2	10,086	music wire	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.107.140.0572.I	10,7	1,40	57,2	0,1463	109,8	8,760	stainless steel	4H
T.107.140.0635.A	10,7	1,40	63,5	0,1471	123,7	10,086	music wire	4H
T.107.140.0635.I	10,7	1,40	63,5	0,1264	124,4	8,760	stainless steel	4H
T.107.140.0640.A	10,7	1,40	64,0	0,1456	124,9	10,086	music wire	4H
T.107.140.0640.I	10,7	1,40	64,0	0,1250	125,6	8,760	stainless steel	4H
T.107.140.0698.A	10,7	1,40	69,8	0,1295	138,2	10,086	music wire	4H
T.107.140.0698.I	10,7	1,40	69,8	0,1112	139,0	8,760	stainless steel	4H
T.107.140.0700.A	10,7	1,40	70,0	0,1290	138,7	10,086	music wire	4H
T.107.140.0700.I	10,7	1,40	70,0	0,1108	139,5	8,760	stainless steel	4H
T.107.140.0760.A	10,7	1,40	76,0	0,1158	152,5	10,086	music wire	4H
T.107.140.0760.I	10,7	1,40	76,0	0,0995	153,4	8,760	stainless steel	4H
T.107.140.0762.A	10,7	1,40	76,2	0,1155	153,0	10,086	music wire	4H
T.107.140.0762.I	10,7	1,40	76,2	0,0992	153,8	8,760	stainless steel	4H
T.107.140.0980.A	10,7	1,40	98,0	0,0843	203,1	10,086	music wire	4H
T.107.140.0980.I	10,7	1,40	98,0	0,0724	204,3	8,760	stainless steel	4I
T.107.160.0650.A	10,7	1,60	65,0	0,2929	108,0	14,547	music wire	4I
T.107.160.0650.I	10,7	1,60	65,0	0,2516	108,6	12,686	stainless steel	4I
T.108.080.0251.A	10,8	0,80	25,1	0,0566	59,9	2,098	music wire	4C
T.108.080.0251.I	10,8	0,80	25,1	0,0486	59,7	1,796	stainless steel	4C
T.108.080.0355.A	10,8	0,80	35,5	0,0205	131,6	2,098	music wire	4C
T.108.080.0355.I	10,8	0,80	35,5	0,0176	131,2	1,796	stainless steel	4C
T.108.080.0475.A	10,8	0,80	47,5	0,0118	214,3	2,098	music wire	4C
T.108.080.0475.I	10,8	0,80	47,5	0,0101	213,7	1,796	stainless steel	4D
T.108.080.0587.A	10,8	0,80	58,7	0,0085	291,5	2,098	music wire	4C
T.108.080.0587.I	10,8	0,80	58,7	0,0073	290,7	1,796	stainless steel	4D
T.108.080.0800.A	10,8	0,80	80,0	0,0055	437,7	2,094	music wire	4C
T.108.080.0800.I	10,8	0,80	80,0	0,0047	421,8	1,724	stainless steel	4D
T.108.080.2000.A	10,8	0,80	200,0	0,0018	1263,7	2,094	music wire	4E
T.108.080.2000.I	10,8	0,80	200,0	0,0016	1216,5	1,724	stainless steel	4E
T.110.070.0630.A	11,0	0,70	63,0	0,0036	434,3	1,410	music wire	4C
T.110.070.0630.I	11,0	0,70	63,0	0,0031	417,4	1,158	stainless steel	4D
T.110.090.0630.A	11,0	0,90	63,0	0,0133	262,0	2,868	music wire	4E
T.110.090.0630.I	11,0	0,90	63,0	0,0115	253,5	2,365	stainless steel	4E
T.110.090.1150.A	11,0	0,90	115,0	0,0061	550,3	2,868	music wire	4E
T.110.090.1150.I	11,0	0,90	115,0	0,0052	531,6	2,365	stainless steel	4F
T.110.100.0254.A	11,0	1,00	25,4	0,1592	47,6	3,857	music wire	4E
T.110.100.0254.I	11,0	1,00	25,4	0,1367	47,6	3,319	stainless steel	4E
T.110.100.0274.A	11,0	1,00	27,4	0,1213	56,5	3,857	music wire	4E
T.110.100.0274.I	11,0	1,00	27,4	0,1042	56,6	3,319	stainless steel	4E
T.110.100.0314.A	11,0	1,00	31,4	0,0822	74,4	3,857	music wire	4E
T.110.100.0314.I	11,0	1,00	31,4	0,0706	74,4	3,319	stainless steel	4E
T.110.100.0348.A	11,0	1,00	34,8	0,0645	89,5	3,857	music wire	4E
T.110.100.0348.I	11,0	1,00	34,8	0,0554	87,2	3,187	stainless steel	4E
T.110.100.0381.A	11,0	1,00	38,1	0,0533	104,3	3,857	music wire	4E
T.110.100.0381.I	11,0	1,00	38,1	0,0458	101,5	3,187	stainless steel	4E
T.110.100.0404.A	11,0	1,00	40,4	0,0476	114,5	3,857	music wire	4E
T.110.100.0404.I	11,0	1,00	40,4	0,0409	114,7	3,319	stainless steel	4E
T.110.100.0444.A	11,0	1,00	44,4	0,0401	132,4	3,857	music wire	4E
T.110.100.0444.I	11,0	1,00	44,4	0,0344	128,7	3,187	stainless steel	4E
T.110.100.0508.A	11,0	1,00	50,8	0,0320	161,0	3,857	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.110.100.0508.I	11,0	1,00	50,8	0,0275	156,3	3,187	stainless steel	4E
T.110.100.0554.A	11,0	1,00	55,4	0,0280	181,5	3,857	music wire	4E
T.110.100.0554.I	11,0	1,00	55,4	0,0240	181,7	3,319	stainless steel	4E
T.110.100.0572.A	11,0	1,00	57,2	0,0267	189,5	3,857	music wire	4E
T.110.100.0572.I	11,0	1,00	57,2	0,0229	184,0	3,187	stainless steel	4E
T.110.100.0624.A	11,0	1,00	62,4	0,0235	212,7	3,857	music wire	4E
T.110.100.0624.I	11,0	1,00	62,4	0,0202	213,0	3,319	stainless steel	4E
T.110.100.0694.A	11,0	1,00	69,4	0,0202	244,0	3,857	music wire	4E
T.110.100.0694.I	11,0	1,00	69,4	0,0174	244,3	3,319	stainless steel	4E
T.110.100.0700.A	11,0	1,00	70,0	0,0200	246,7	3,857	music wire	4E
T.110.100.0700.I	11,0	1,00	70,0	0,0172	239,3	3,187	stainless steel	4E
T.110.100.0754.A	11,0	1,00	75,4	0,0181	270,8	3,857	music wire	4E
T.110.100.0754.I	11,0	1,00	75,4	0,0155	271,1	3,319	stainless steel	4E
T.110.100.0762.A	11,0	1,00	76,2	0,0178	274,3	3,857	music wire	4E
T.110.100.0762.I	11,0	1,00	76,2	0,0153	266,0	3,187	stainless steel	4E
T.110.100.0774.A	11,0	1,00	77,4	0,0174	279,7	3,857	music wire	4E
T.110.100.0774.I	11,0	1,00	77,4	0,0150	280,1	3,319	stainless steel	4E
T.110.100.0854.A	11,0	1,00	85,4	0,0153	315,4	3,857	music wire	4E
T.110.100.0854.I	11,0	1,00	85,4	0,0132	315,8	3,319	stainless steel	4F
T.110.100.0889.A	11,0	1,00	88,9	0,0146	331,0	3,857	music wire	4E
T.110.100.0889.I	11,0	1,00	88,9	0,0125	320,9	3,187	stainless steel	4F
T.110.100.0890.A	11,0	1,00	89,0	0,0146	331,5	3,857	music wire	4E
T.110.100.0890.I	11,0	1,00	89,0	0,0125	321,3	3,187	stainless steel	4F
T.110.100.0934.A	11,0	1,00	93,4	0,0137	351,1	3,857	music wire	4E
T.110.100.0934.I	11,0	1,00	93,4	0,0118	351,6	3,319	stainless steel	4F
T.110.100.1016.A	11,0	1,00	101,6	0,0123	387,7	3,857	music wire	4E
T.110.100.1016.I	11,0	1,00	101,6	0,0106	375,7	3,187	stainless steel	4F
T.110.100.1020.A	11,0	1,00	102,0	0,0123	389,5	3,857	music wire	4E
T.110.100.1020.I	11,0	1,00	102,0	0,0105	377,5	3,187	stainless steel	4F
T.110.100.1143.A	11,0	1,00	114,3	0,0107	444,4	3,857	music wire	4E
T.110.100.1143.I	11,0	1,00	114,3	0,0092	430,6	3,187	stainless steel	4F
T.110.125.0318.A	11,0	1,25	31,8	0,2485	57,7	7,200	music wire	4F
T.110.125.0318.I	11,0	1,25	31,8	0,2134	56,6	5,972	stainless steel	4F
T.110.125.0348.A	11,0	1,25	34,8	0,2033	66,4	7,200	music wire	4F
T.110.125.0348.I	11,0	1,25	34,8	0,1746	65,2	5,972	stainless steel	4F
T.110.125.0380.A	11,0	1,25	38,0	0,1698	75,8	7,200	music wire	4F
T.110.125.0380.I	11,0	1,25	38,0	0,1459	74,3	5,972	stainless steel	4F
T.110.125.0381.A	11,0	1,25	38,1	0,1688	76,2	7,200	music wire	4F
T.110.125.0381.I	11,0	1,25	38,1	0,1450	74,7	5,972	stainless steel	4F
T.110.125.0508.A	11,0	1,25	50,8	0,1032	113,0	7,200	music wire	4F
T.110.125.0508.I	11,0	1,25	50,8	0,0886	110,6	5,972	stainless steel	4G
T.110.125.0572.A	11,0	1,25	57,2	0,0860	131,9	7,200	music wire	4F
T.110.125.0572.I	11,0	1,25	57,2	0,0739	129,0	5,972	stainless steel	4G
T.110.125.0635.A	11,0	1,25	63,5	0,0741	150,2	7,200	music wire	4F
T.110.125.0635.I	11,0	1,25	63,5	0,0637	146,8	5,972	stainless steel	4G
T.110.125.0698.A	11,0	1,25	69,8	0,0651	168,4	7,200	music wire	4F
T.110.125.0698.I	11,0	1,25	69,8	0,0559	164,6	5,972	stainless steel	4G
T.110.125.0700.A	11,0	1,25	70,0	0,0648	169,1	7,200	music wire	4F
T.110.125.0700.I	11,0	1,25	70,0	0,0557	165,2	5,972	stainless steel	4G
T.110.125.0760.A	11,0	1,25	76,0	0,0581	186,6	7,200	music wire	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.110.125.0760.I	11,0	1,25	76,0	0,0499	182,3	5,972	stainless steel	4G
T.110.125.0762.A	11,0	1,25	76,2	0,0578	187,3	7,200	music wire	4F
T.110.125.0762.I	11,0	1,25	76,2	0,0497	182,9	5,972	stainless steel	4G
T.110.140.0221.A	11,0	1,40	22,1	1,4269	28,2	9,863	music wire	4G
T.110.140.0221.I	11,0	1,40	22,1	1,2256	28,0	8,198	stainless steel	4H
T.110.140.0630.A	11,0	1,40	63,0	0,1370	126,5	9,863	music wire	4H
T.110.140.0630.I	11,0	1,40	63,0	0,1176	124,1	8,198	stainless steel	4H
T.110.140.0889.A	11,0	1,40	88,9	0,0871	188,7	9,863	music wire	4H
T.110.140.0889.I	11,0	1,40	88,9	0,0748	184,9	8,198	stainless steel	4I
T.110.160.0301.A	11,0	1,60	30,1	0,9970	42,5	14,188	music wire	4I
T.110.160.0301.I	11,0	1,60	30,1	0,8563	42,6	12,372	stainless steel	4I
T.110.160.0397.A	11,0	1,60	39,7	0,5716	61,2	14,188	music wire	4I
T.110.160.0397.I	11,0	1,60	39,7	0,4910	61,6	12,372	stainless steel	4I
T.110.160.0541.A	11,0	1,60	54,1	0,3485	89,4	14,188	music wire	4I
T.110.160.0541.I	11,0	1,60	54,1	0,3000	90,0	12,372	stainless steel	4I
T.110.160.0781.A	11,0	1,60	78,1	0,2112	136,4	14,188	music wire	4I
T.110.160.0781.I	11,0	1,60	78,1	0,1814	137,3	12,372	stainless steel	4I
T.110.160.0890.A	11,0	1,60	89,0	0,1790	158,1	14,252	music wire	4I
T.110.160.0890.I	11,0	1,60	89,0	0,1538	155,6	11,877	stainless steel	4I
T.110.220.0348.A	11,0	2,20	34,8	3,9713	41,8	33,449	music wire	4K
T.110.220.0348.I	11,0	2,20	34,8	3,4109	42,0	29,466	stainless steel	4L
T.110.220.0480.A	11,0	2,20	48,0	2,3633	59,8	33,449	music wire	4L
T.110.220.0480.I	11,0	2,20	48,0	2,0298	60,1	29,466	stainless steel	4L
T.110.220.0678.A	11,0	2,20	67,8	1,4703	86,8	33,449	music wire	4L
T.110.220.0678.I	11,0	2,20	67,8	1,2628	87,3	29,466	stainless steel	4L
T.110.220.1010.A	11,0	2,20	101,0	0,9000	132,0	33,449	music wire	4L
T.110.220.1010.I	11,0	2,20	101,0	0,7730	132,8	29,466	stainless steel	4L
T.110.220.1450.A	11,0	2,20	145,0	0,5945	191,9	33,449	music wire	4L
T.110.220.1450.I	11,0	2,20	145,0	0,5100	193,1	29,466	stainless steel	4L
T.111.070.0380.A	11,1	0,70	38,0	0,0085	196,0	1,402	music wire	4C
T.111.070.0380.I	11,1	0,70	38,0	0,0073	194,9	1,196	stainless steel	4C
T.111.070.0400.A	11,1	0,70	40,0	0,0077	214,9	1,398	music wire	4C
T.111.070.0400.I	11,1	0,70	40,0	0,0066	206,9	1,148	stainless steel	4C
T.111.070.0450.A	11,1	0,70	45,0	0,0061	264,7	1,402	music wire	4C
T.111.070.0450.I	11,1	0,70	45,0	0,0053	263,2	1,196	stainless steel	4C
T.111.070.0480.A	11,1	0,70	48,0	0,0055	294,2	1,402	music wire	4C
T.111.070.0480.I	11,1	0,70	48,0	0,0047	292,5	1,196	stainless steel	4C
T.111.070.0600.A	11,1	0,70	60,0	0,0038	412,1	1,402	music wire	4C
T.111.070.0600.I	11,1	0,70	60,0	0,0033	409,6	1,196	stainless steel	4D
T.111.070.0640.A	11,1	0,70	64,0	0,0035	451,4	1,402	music wire	4C
T.111.070.0640.I	11,1	0,70	64,0	0,0030	448,7	1,196	stainless steel	4D
T.111.070.0800.A	11,1	0,70	80,0	0,0025	607,2	1,398	music wire	4C
T.111.070.0800.I	11,1	0,70	80,0	0,0022	583,1	1,148	stainless steel	4D
T.111.070.1000.A	11,1	0,70	100,0	0,0019	802,7	1,398	music wire	4D
T.111.070.1000.I	11,1	0,70	100,0	0,0016	770,7	1,148	stainless steel	4D
T.111.070.2000.A	11,1	0,70	200,0	0,0008	1782,7	1,398	music wire	4E
T.111.070.2000.I	11,1	0,70	200,0	0,0007	1710,6	1,148	stainless steel	4E
T.111.085.0700.A	11,1	0,85	70,0	0,0083	341,5	2,424	music wire	4C
T.111.085.0700.I	11,1	0,85	70,0	0,0072	340,9	2,077	stainless steel	4D
T.111.090.0250.A	11,1	0,90	25,0	0,1031	50,6	2,846	music wire	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.111.090.0250.I	11,1	0,90	25,0	0,0885	50,6	2,442	stainless steel	4E
T.111.090.0290.A	11,1	0,90	29,0	0,0597	73,2	2,846	music wire	4E
T.111.090.0290.I	11,1	0,90	29,0	0,0513	73,2	2,442	stainless steel	4E
T.111.090.0320.A	11,1	0,90	32,0	0,0453	90,2	2,846	music wire	4E
T.111.090.0320.I	11,1	0,90	32,0	0,0390	90,1	2,442	stainless steel	4E
T.111.090.0350.A	11,1	0,90	35,0	0,0366	107,2	2,846	music wire	4E
T.111.090.0350.I	11,1	0,90	35,0	0,0314	107,1	2,442	stainless steel	4E
T.111.090.0380.A	11,1	0,90	38,0	0,0306	124,1	2,846	music wire	4E
T.111.090.0380.I	11,1	0,90	38,0	0,0263	124,1	2,442	stainless steel	4E
T.111.090.0600.A	11,1	0,90	60,0	0,0140	248,4	2,843	music wire	4E
T.111.090.0600.I	11,1	0,90	60,0	0,0120	240,3	2,345	stainless steel	4E
T.111.090.0800.A	11,1	0,90	80,0	0,0094	361,3	2,843	music wire	4E
T.111.090.0800.I	11,1	0,90	80,0	0,0081	349,2	2,345	stainless steel	4E
T.111.090.1000.A	11,1	0,90	100,0	0,0070	474,2	2,843	music wire	4E
T.111.090.1000.I	11,1	0,90	100,0	0,0061	458,1	2,345	stainless steel	4F
T.111.090.3000.A	11,1	0,90	300,0	0,0020	1604,8	2,843	music wire	4G
T.111.090.3000.I	11,1	0,90	300,0	0,0017	1548,7	2,345	stainless steel	4G
T.111.100.0380.A	11,1	1,00	38,0	0,0526	104,6	3,824	music wire	4E
T.111.100.0380.I	11,1	1,00	38,0	0,0452	104,7	3,291	stainless steel	4E
T.111.100.0500.A	11,1	1,00	50,0	0,0321	159,1	3,824	music wire	4E
T.111.100.0500.I	11,1	1,00	50,0	0,0276	159,3	3,291	stainless steel	4E
T.111.100.0600.A	11,1	1,00	60,0	0,0242	204,5	3,824	music wire	4E
T.111.100.0600.I	11,1	1,00	60,0	0,0208	198,5	3,159	stainless steel	4E
T.111.100.0760.A	11,1	1,00	76,0	0,0174	277,2	3,824	music wire	4E
T.111.100.0760.I	11,1	1,00	76,0	0,0150	277,6	3,291	stainless steel	4E
T.111.100.0800.A	11,1	1,00	80,0	0,0163	295,3	3,824	music wire	4E
T.111.100.0800.I	11,1	1,00	80,0	0,0140	286,3	3,159	stainless steel	4E
T.111.100.1000.A	11,1	1,00	100,0	0,0122	386,2	3,824	music wire	4E
T.111.100.1000.I	11,1	1,00	100,0	0,0105	374,2	3,159	stainless steel	4F
T.111.100.1150.A	11,1	1,00	115,0	0,0103	454,3	3,824	music wire	4E
T.111.100.1150.I	11,1	1,00	115,0	0,0089	455,0	3,291	stainless steel	4F
T.111.100.2000.A	11,1	1,00	200,0	0,0055	840,4	3,824	music wire	4G
T.111.100.2000.I	11,1	1,00	200,0	0,0047	813,6	3,159	stainless steel	4G
T.111.100.2600.A	11,1	1,00	260,0	0,0041	1112,9	3,824	music wire	4G
T.111.100.2600.I	11,1	1,00	260,0	0,0035	1114,5	3,291	stainless steel	4G
T.111.110.0310.A	11,1	1,10	31,0	0,1356	64,3	4,991	music wire	4E
T.111.110.0310.I	11,1	1,10	31,0	0,1165	64,5	4,306	stainless steel	4F
T.111.110.0320.A	11,1	1,10	32,0	0,1252	68,1	4,991	music wire	4E
T.111.110.0320.I	11,1	1,10	32,0	0,1076	68,3	4,306	stainless steel	4F
T.111.110.1000.A	11,1	1,10	100,0	0,0202	323,6	4,996	music wire	4F
T.111.110.1000.I	11,1	1,10	100,0	0,0174	314,5	4,134	stainless steel	4G
T.111.110.2000.A	11,1	1,10	200,0	0,0091	699,4	4,996	music wire	4G
T.111.110.2000.I	11,1	1,10	200,0	0,0078	679,1	4,134	stainless steel	4G
T.111.112.0420.A	11,1	1,12	42,0	0,0780	102,8	5,249	music wire	4F
T.111.112.0420.I	11,1	1,12	42,0	0,0670	103,1	4,530	stainless steel	4F
T.111.120.0400.A	11,1	1,20	40,0	0,1223	86,7	6,371	music wire	4F
T.111.120.0400.I	11,1	1,20	40,0	0,1051	84,9	5,280	stainless steel	4F
T.111.120.0480.A	11,1	1,20	48,0	0,0889	112,2	6,360	music wire	4F
T.111.120.0480.I	11,1	1,20	48,0	0,0763	112,7	5,500	stainless steel	4F
T.111.120.0600.A	11,1	1,20	60,0	0,0631	150,6	6,371	music wire	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.111.120.0600.I	11,1	1,20	60,0	0,0542	147,0	5,280	stainless steel	4G
T.111.120.0640.A	11,1	1,20	64,0	0,0575	163,2	6,360	music wire	4F
T.111.120.0640.I	11,1	1,20	64,0	0,0494	163,8	5,500	stainless steel	4G
T.111.120.0670.A	11,1	1,20	67,0	0,0540	172,7	6,360	music wire	4F
T.111.120.0670.I	11,1	1,20	67,0	0,0464	173,4	5,500	stainless steel	4G
T.111.120.0750.A	11,1	1,20	75,0	0,0463	198,2	6,360	music wire	4F
T.111.120.0750.I	11,1	1,20	75,0	0,0398	199,0	5,500	stainless steel	4G
T.111.120.0800.A	11,1	1,20	80,0	0,0425	214,4	6,371	music wire	4F
T.111.120.0800.I	11,1	1,20	80,0	0,0365	209,1	5,280	stainless steel	4G
T.111.120.0890.A	11,1	1,20	89,0	0,0371	242,8	6,360	music wire	4F
T.111.120.0890.I	11,1	1,20	89,0	0,0319	243,8	5,500	stainless steel	4G
T.111.120.1000.A	11,1	1,20	100,0	0,0321	277,8	6,360	music wire	4G
T.111.120.1000.I	11,1	1,20	100,0	0,0276	279,0	5,500	stainless steel	4G
T.111.120.1100.A	11,1	1,20	110,0	0,0286	309,6	6,360	music wire	4G
T.111.120.1100.I	11,1	1,20	110,0	0,0246	311,0	5,500	stainless steel	4G
T.111.120.1130.A	11,1	1,20	113,0	0,0277	319,2	6,360	music wire	4G
T.111.120.1130.I	11,1	1,20	113,0	0,0238	320,6	5,500	stainless steel	4G
T.111.120.1200.A	11,1	1,20	120,0	0,0258	341,8	6,371	music wire	4G
T.111.120.1200.I	11,1	1,20	120,0	0,0221	333,1	5,280	stainless steel	4G
T.111.120.1400.A	11,1	1,20	140,0	0,0215	405,7	6,371	music wire	4G
T.111.120.1400.I	11,1	1,20	140,0	0,0185	395,2	5,280	stainless steel	4G
T.111.120.1600.A	11,1	1,20	160,0	0,0185	469,3	6,371	music wire	4G
T.111.120.1600.I	11,1	1,20	160,0	0,0159	457,0	5,280	stainless steel	4G
T.111.120.2150.A	11,1	1,20	215,0	0,0133	644,0	6,360	music wire	4G
T.111.120.2150.I	11,1	1,20	215,0	0,0114	646,9	5,500	stainless steel	4H
T.111.120.3000.A	11,1	1,20	300,0	0,0093	915,7	6,371	music wire	4H
T.111.120.3000.I	11,1	1,20	300,0	0,0080	891,2	5,280	stainless steel	4I
T.111.125.0400.A	11,1	1,25	40,0	0,1513	82,1	7,139	music wire	4F
T.111.125.0400.I	11,1	1,25	40,0	0,1300	80,5	5,921	stainless steel	4F
T.111.125.0500.A	11,1	1,25	50,0	0,1031	111,7	7,124	music wire	4F
T.111.125.0500.I	11,1	1,25	50,0	0,0886	112,2	6,168	stainless steel	4G
T.111.125.0890.A	11,1	1,25	89,0	0,0461	227,0	7,124	music wire	4F
T.111.125.0890.I	11,1	1,25	89,0	0,0396	228,1	6,168	stainless steel	4G
T.111.125.2200.A	11,1	1,25	220,0	0,0161	614,9	7,139	music wire	4G
T.111.125.2200.I	11,1	1,25	220,0	0,0139	599,5	5,921	stainless steel	4H
T.111.130.0980.A	11,1	1,30	98,0	0,0504	238,1	7,943	music wire	4H
T.111.130.0980.I	11,1	1,30	98,0	0,0433	239,4	6,884	stainless steel	4I
T.111.140.0220.A	11,1	1,40	22,0	1,5008	27,7	9,749	music wire	4G
T.111.140.0250.A	11,1	1,40	25,0	0,8576	35,0	9,749	music wire	4G
T.111.140.0250.I	11,1	1,40	25,0	0,7366	35,1	8,468	stainless steel	4H
T.111.140.0290.A	11,1	1,40	29,0	0,5458	44,8	9,749	music wire	4G
T.111.140.0290.I	11,1	1,40	29,0	0,4687	44,9	8,468	stainless steel	4H
T.111.140.0320.A	11,1	1,40	32,0	0,4288	52,1	9,749	music wire	4G
T.111.140.0320.I	11,1	1,40	32,0	0,3683	52,3	8,468	stainless steel	4H
T.111.140.0350.A	11,1	1,40	35,0	0,3531	59,4	9,749	music wire	4G
T.111.140.0350.I	11,1	1,40	35,0	0,3033	59,6	8,468	stainless steel	4H
T.111.140.0380.A	11,1	1,40	38,0	0,3000	66,7	9,749	music wire	4G
T.111.140.0380.I	11,1	1,40	38,0	0,2578	67,0	8,468	stainless steel	4H
T.111.140.0400.A	11,1	1,40	40,0	0,2731	71,6	9,780	music wire	4G
T.111.140.0400.I	11,1	1,40	40,0	0,2346	70,4	8,129	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.111.140.0410.A	11,1	1,40	41,0	0,2610	73,9	9,749	music wire	4G
T.111.140.0410.I	11,1	1,40	41,0	0,2242	74,3	8,468	stainless steel	4H
T.111.140.0450.A	11,1	1,40	45,0	0,2223	83,7	9,749	music wire	4G
T.111.140.0450.I	11,1	1,40	45,0	0,1910	84,1	8,468	stainless steel	4H
T.111.140.0500.A	11,1	1,40	50,0	0,1876	95,8	9,749	music wire	4G
T.111.140.0500.I	11,1	1,40	50,0	0,1611	96,4	8,468	stainless steel	4H
T.111.140.0570.A	11,1	1,40	57,0	0,1539	112,9	9,749	music wire	4H
T.111.140.0570.I	11,1	1,40	57,0	0,1322	113,5	8,468	stainless steel	4H
T.111.140.0600.A	11,1	1,40	60,0	0,1429	120,4	9,780	music wire	4H
T.111.140.0600.I	11,1	1,40	60,0	0,1228	118,1	8,129	stainless steel	4H
T.111.140.0640.A	11,1	1,40	64,0	0,1305	129,9	9,749	music wire	4H
T.111.140.0640.I	11,1	1,40	64,0	0,1121	130,6	8,468	stainless steel	4H
T.111.140.0700.A	11,1	1,40	70,0	0,1154	144,5	9,749	music wire	4H
T.111.140.0700.I	11,1	1,40	70,0	0,0992	145,3	8,468	stainless steel	4H
T.111.140.0730.A	11,1	1,40	73,0	0,1092	151,8	9,749	music wire	4H
T.111.140.0730.I	11,1	1,40	73,0	0,0938	152,7	8,468	stainless steel	4H
T.111.140.0760.A	11,1	1,40	76,0	0,1035	159,1	9,749	music wire	4H
T.111.140.0760.I	11,1	1,40	76,0	0,0889	160,0	8,468	stainless steel	4H
T.111.140.0800.A	11,1	1,40	80,0	0,0968	169,1	9,780	music wire	4H
T.111.140.0800.I	11,1	1,40	80,0	0,0831	165,8	8,129	stainless steel	4H
T.111.140.0850.A	11,1	1,40	85,0	0,0896	181,0	9,749	music wire	4H
T.111.140.0850.I	11,1	1,40	85,0	0,0770	182,1	8,468	stainless steel	4H
T.111.140.0890.A	11,1	1,40	89,0	0,0846	190,7	9,749	music wire	4H
T.111.140.0890.I	11,1	1,40	89,0	0,0726	191,9	8,468	stainless steel	4I
T.111.140.1000.A	11,1	1,40	100,0	0,0732	217,9	9,780	music wire	4H
T.111.140.1000.I	11,1	1,40	100,0	0,0629	213,5	8,129	stainless steel	4I
T.111.140.1020.A	11,1	1,40	102,0	0,0715	222,3	9,749	music wire	4H
T.111.140.1020.I	11,1	1,40	102,0	0,0614	223,7	8,468	stainless steel	4I
T.111.140.1200.A	11,1	1,40	120,0	0,0588	266,7	9,780	music wire	4H
T.111.140.1200.I	11,1	1,40	120,0	0,0505	261,1	8,129	stainless steel	4I
T.111.140.1400.A	11,1	1,40	140,0	0,0492	315,2	9,780	music wire	4I
T.111.140.1400.I	11,1	1,40	140,0	0,0423	308,6	8,129	stainless steel	4I
T.111.140.1480.A	11,1	1,40	148,0	0,0462	334,2	9,749	music wire	4I
T.111.140.1480.I	11,1	1,40	148,0	0,0397	336,3	8,468	stainless steel	4I
T.111.140.1600.A	11,1	1,40	160,0	0,0423	364,0	9,780	music wire	4I
T.111.140.1600.I	11,1	1,40	160,0	0,0363	356,3	8,129	stainless steel	4I
T.111.140.1800.A	11,1	1,40	180,0	0,0371	412,8	9,780	music wire	4I
T.111.140.1800.I	11,1	1,40	180,0	0,0318	404,0	8,129	stainless steel	4I
T.111.140.1900.A	11,1	1,40	190,0	0,0349	436,4	9,749	music wire	4I
T.111.140.1900.I	11,1	1,40	190,0	0,0300	439,2	8,468	stainless steel	4I
T.111.140.2000.A	11,1	1,40	200,0	0,0330	461,5	9,780	music wire	4I
T.111.140.2000.I	11,1	1,40	200,0	0,0283	451,7	8,129	stainless steel	4I
T.111.140.2030.A	11,1	1,40	203,0	0,0325	468,0	9,749	music wire	4I
T.111.140.2030.I	11,1	1,40	203,0	0,0279	471,0	8,468	stainless steel	4I
T.111.140.2150.A	11,1	1,40	215,0	0,0305	497,2	9,749	music wire	4I
T.111.140.2150.I	11,1	1,40	215,0	0,0262	500,4	8,468	stainless steel	4I
T.111.140.2200.A	11,1	1,40	220,0	0,0297	510,3	9,780	music wire	4I
T.111.140.2200.I	11,1	1,40	220,0	0,0255	499,4	8,129	stainless steel	4I
T.111.150.0850.A	11,1	1,50	85,0	0,1299	164,4	11,789	music wire	4I
T.111.150.0850.I	11,1	1,50	85,0	0,1116	165,5	10,261	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.111.160.0400.A	11,1	1,60	40,0	0,5523	62,2	14,136	music wire	4I
T.111.160.0400.I	11,1	1,60	40,0	0,4743	61,4	11,780	stainless steel	4I
T.111.160.0450.A	11,1	1,60	45,0	0,4514	72,1	14,072	music wire	4I
T.111.160.0450.I	11,1	1,60	45,0	0,3877	72,5	12,271	stainless steel	4I
T.111.160.0500.A	11,1	1,60	50,0	0,3822	82,0	14,072	music wire	4I
T.111.160.0500.I	11,1	1,60	50,0	0,3283	82,5	12,271	stainless steel	4I
T.111.160.0530.A	11,1	1,60	53,0	0,3500	87,9	14,072	music wire	4I
T.111.160.0530.I	11,1	1,60	53,0	0,3000	88,5	12,271	stainless steel	4I
T.111.160.0570.A	11,1	1,60	57,0	0,3146	95,9	14,072	music wire	4I
T.111.160.0570.I	11,1	1,60	57,0	0,2702	96,5	12,271	stainless steel	4I
T.111.160.0600.A	11,1	1,60	60,0	0,2927	102,0	14,136	music wire	4I
T.111.160.0600.I	11,1	1,60	60,0	0,2514	100,5	11,780	stainless steel	4I
T.111.160.0640.A	11,1	1,60	64,0	0,2674	109,7	14,072	music wire	4I
T.111.160.0640.I	11,1	1,60	64,0	0,2296	110,4	12,271	stainless steel	4I
T.111.160.0800.A	11,1	1,60	80,0	0,1992	141,7	14,136	music wire	4I
T.111.160.0800.I	11,1	1,60	80,0	0,1711	139,5	11,780	stainless steel	4I
T.111.160.0850.A	11,1	1,60	85,0	0,1843	151,4	14,072	music wire	4I
T.111.160.0850.I	11,1	1,60	85,0	0,1583	152,4	12,271	stainless steel	4I
T.111.160.1000.A	11,1	1,60	100,0	0,1509	181,4	14,136	music wire	4I
T.111.160.1000.I	11,1	1,60	100,0	0,1296	178,5	11,780	stainless steel	4I
T.111.160.1200.A	11,1	1,60	120,0	0,1215	221,1	14,136	music wire	4I
T.111.160.1200.I	11,1	1,60	120,0	0,1043	217,5	11,780	stainless steel	4I
T.111.160.1400.A	11,1	1,60	140,0	0,1017	260,9	14,136	music wire	4I
T.111.160.1400.I	11,1	1,60	140,0	0,0873	256,5	11,780	stainless steel	4I
T.111.160.1480.A	11,1	1,60	148,0	0,0954	276,2	14,072	music wire	4I
T.111.160.1480.I	11,1	1,60	148,0	0,0819	278,2	12,271	stainless steel	4I
T.111.160.1520.A	11,1	1,60	152,0	0,0926	284,1	14,072	music wire	4I
T.111.160.1520.I	11,1	1,60	152,0	0,0795	286,1	12,271	stainless steel	4I
T.111.160.1780.A	11,1	1,60	178,0	0,0776	335,6	14,072	music wire	4I
T.111.160.1780.I	11,1	1,60	178,0	0,0666	338,1	12,271	stainless steel	4I
T.111.160.2200.A	11,1	1,60	220,0	0,0615	419,7	14,136	music wire	4I
T.111.160.2200.I	11,1	1,60	220,0	0,0528	412,6	11,780	stainless steel	4I
T.111.160.2410.A	11,1	1,60	241,0	0,0557	460,5	14,072	music wire	4I
T.111.160.2410.I	11,1	1,60	241,0	0,0479	463,8	12,271	stainless steel	4I
T.111.160.3000.A	11,1	1,60	300,0	0,0441	578,6	14,136	music wire	4I
T.111.160.3000.I	11,1	1,60	300,0	0,0379	568,6	11,780	stainless steel	4I
T.111.180.0400.A	11,1	1,80	40,0	1,0307	56,2	19,506	music wire	4I
T.111.180.0400.I	11,1	1,80	40,0	0,8852	55,7	16,294	stainless steel	4I
T.111.180.0780.A	11,1	1,80	78,0	0,3910	120,5	19,393	music wire	4I
T.111.180.0780.I	11,1	1,80	78,0	0,3359	121,3	16,973	stainless steel	4J
T.111.180.0800.A	11,1	1,80	80,0	0,3787	123,9	19,393	music wire	4I
T.111.180.0800.I	11,1	1,80	80,0	0,3252	124,7	16,973	stainless steel	4J
T.111.180.1200.A	11,1	1,80	120,0	0,2320	192,1	19,506	music wire	4J
T.111.180.1200.I	11,1	1,80	120,0	0,1993	189,6	16,294	stainless steel	4J
T.111.180.2150.A	11,1	1,80	215,0	0,1207	352,7	19,393	music wire	4J
T.111.180.2150.I	11,1	1,80	215,0	0,1037	355,3	16,973	stainless steel	4J
T.111.190.0310.A	11,1	1,90	31,0	2,2341	39,6	22,444	music wire	4I
T.111.190.0310.I	11,1	1,90	31,0	1,9189	39,7	19,677	stainless steel	4I
T.112.125.0302.A	11,2	1,25	30,2	0,2733	53,3	7,064	music wire	4F
T.112.125.0302.I	11,2	1,25	30,2	0,2347	53,5	6,116	stainless steel	4F



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.112.125.0400.A	11,2	1,25	40,0	0,1477	82,9	7,079	music wire	4F
T.112.125.0400.I	11,2	1,25	40,0	0,1268	81,2	5,871	stainless steel	4F
T.112.125.0465.A	11,2	1,25	46,5	0,1133	102,2	7,064	music wire	4F
T.112.125.0465.I	11,2	1,25	46,5	0,0973	102,7	6,116	stainless steel	4F
T.112.125.0612.A	11,2	1,25	61,2	0,0742	146,3	7,064	music wire	4F
T.112.125.0612.I	11,2	1,25	61,2	0,0637	147,0	6,116	stainless steel	4G
T.112.125.0740.A	11,2	1,25	74,0	0,0570	184,8	7,064	music wire	4F
T.112.125.0740.I	11,2	1,25	74,0	0,0490	185,6	6,116	stainless steel	4G
T.112.125.0827.A	11,2	1,25	82,7	0,0493	210,9	7,064	music wire	4F
T.112.125.0827.I	11,2	1,25	82,7	0,0423	211,9	6,116	stainless steel	4G
T.112.125.0927.A	11,2	1,25	92,7	0,0426	240,9	7,064	music wire	4G
T.112.125.0927.I	11,2	1,25	92,7	0,0366	242,1	6,116	stainless steel	4G
T.112.125.1020.A	11,2	1,25	102,0	0,0379	268,8	7,064	music wire	4G
T.112.125.1020.I	11,2	1,25	102,0	0,0325	270,1	6,116	stainless steel	4G
T.112.125.1120.A	11,2	1,25	112,0	0,0338	298,8	7,064	music wire	4G
T.112.125.1120.I	11,2	1,25	112,0	0,0290	300,3	6,116	stainless steel	4G
T.112.125.2200.A	11,2	1,25	220,0	0,0157	623,8	7,079	music wire	4G
T.112.125.2200.I	11,2	1,25	220,0	0,0135	608,0	5,871	stainless steel	4H
T.112.125.3000.A	11,2	1,25	300,0	0,0112	864,2	7,079	music wire	4H
T.112.125.3000.I	11,2	1,25	300,0	0,0096	842,2	5,871	stainless steel	4I
T.113.130.1340.A	11,3	1,30	134,0	0,0328	346,1	7,811	music wire	4H
T.113.130.1340.I	11,3	1,30	134,0	0,0282	348,1	6,770	stainless steel	4I
T.115.080.0300.A	11,5	0,80	30,0	0,0290	94,4	1,974	music wire	4C
T.115.080.0300.I	11,5	0,80	30,0	0,0249	94,1	1,689	stainless steel	4C
T.115.125.0980.A	11,5	1,25	98,0	0,0367	266,5	6,890	music wire	4G
T.115.125.0980.I	11,5	1,25	98,0	0,0315	267,9	5,965	stainless steel	4G
T.115.140.0318.A	11,5	1,40	31,8	0,4084	52,3	9,463	music wire	4G
T.115.140.0318.I	11,5	1,40	31,8	0,3508	51,5	7,866	stainless steel	4H
T.115.140.0348.A	11,5	1,40	34,8	0,3332	60,0	9,463	music wire	4G
T.115.140.0348.I	11,5	1,40	34,8	0,2862	59,0	7,866	stainless steel	4H
T.115.160.0380.A	11,5	1,60	38,0	0,5549	59,5	13,687	music wire	4I
T.115.160.0380.I	11,5	1,60	38,0	0,4766	58,8	11,406	stainless steel	4I
T.116.120.1720.A	11,6	1,20	172,0	0,0148	543,9	6,100	music wire	4G
T.116.120.1720.I	11,6	1,20	172,0	0,0127	546,5	5,275	stainless steel	4G
T.116.160.0342.A	11,6	1,60	34,2	0,6761	51,7	13,517	music wire	4I
T.116.160.0342.I	11,6	1,60	34,2	0,5807	51,9	11,787	stainless steel	4I
T.116.160.0550.A	11,6	1,60	55,0	0,2919	95,5	13,517	music wire	4I
T.116.160.0550.I	11,6	1,60	55,0	0,2507	96,1	11,787	stainless steel	4I
T.116.160.0600.A	11,6	1,60	60,0	0,2568	106,2	13,579	music wire	4I
T.116.160.0600.I	11,6	1,60	60,0	0,2206	104,5	11,316	stainless steel	4I
T.116.160.0790.A	11,6	1,60	79,0	0,1763	146,0	13,517	music wire	4I
T.116.160.0790.I	11,6	1,60	79,0	0,1514	147,0	11,787	stainless steel	4I
T.116.160.0936.A	11,6	1,60	93,6	0,1421	176,7	13,517	music wire	4I
T.116.160.0936.I	11,6	1,60	93,6	0,1220	178,0	11,787	stainless steel	4I
T.116.160.1040.A	11,6	1,60	104,0	0,1248	198,6	13,517	music wire	4I
T.116.160.1040.I	11,6	1,60	104,0	0,1072	200,1	11,787	stainless steel	4I
T.116.160.1170.A	11,6	1,60	117,0	0,1083	226,0	13,517	music wire	4I
T.116.160.1170.I	11,6	1,60	117,0	0,0931	227,6	11,787	stainless steel	4I
T.116.160.1300.A	11,6	1,60	130,0	0,0957	253,3	13,517	music wire	4I
T.116.160.1300.I	11,6	1,60	130,0	0,0822	255,2	11,787	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.116.160.1430.A	11,6	1,60	143,0	0,0857	280,7	13,517	music wire	4I
T.116.160.1430.I	11,6	1,60	143,0	0,0736	282,8	11,787	stainless steel	4I
T.116.160.2200.A	11,6	1,60	220,0	0,0530	443,8	13,579	music wire	4I
T.116.160.2200.I	11,6	1,60	220,0	0,0455	435,9	11,316	stainless steel	4I
T.116.160.3000.A	11,6	1,60	300,0	0,0379	612,6	13,579	music wire	4I
T.116.160.3000.I	11,6	1,60	300,0	0,0326	601,5	11,316	stainless steel	4I
T.118.100.1150.A	11,8	1,00	115,0	0,0086	503,2	3,606	music wire	4E
T.118.100.1150.I	11,8	1,00	115,0	0,0074	504,0	3,103	stainless steel	4F
T.118.180.1200.A	11,8	1,80	120,0	0,1891	203,9	18,364	music wire	4J
T.118.180.1200.I	11,8	1,80	120,0	0,1624	205,4	16,072	stainless steel	4J
T.118.200.0600.A	11,8	2,00	60,0	0,8169	85,5	24,431	music wire	4K
T.118.200.0600.I	11,8	2,00	60,0	0,7000	86,1	21,454	stainless steel	4L
T.119.160.0400.A	11,9	1,60	40,0	0,4664	64,9	13,264	music wire	4I
T.119.160.0400.I	11,9	1,60	40,0	0,4006	64,0	11,054	stainless steel	4I
T.119.160.0870.A	11,9	1,60	87,0	0,1438	167,5	13,204	music wire	4I
T.119.160.0870.I	11,9	1,60	87,0	0,1235	168,7	11,514	stainless steel	4I
T.119.160.1330.A	11,9	1,60	133,0	0,0858	267,9	13,204	music wire	4I
T.119.160.1330.I	11,9	1,60	133,0	0,0737	269,9	11,514	stainless steel	4I
T.120.110.0278.A	12,0	1,10	27,8	0,1784	51,5	4,633	music wire	4E
T.120.110.0278.I	12,0	1,10	27,8	0,1533	51,6	3,997	stainless steel	4F
T.120.110.0344.A	12,0	1,10	34,4	0,0925	80,2	4,633	music wire	4F
T.120.110.0344.I	12,0	1,10	34,4	0,0794	80,4	3,997	stainless steel	4F
T.120.110.0443.A	12,0	1,10	44,3	0,0537	123,2	4,633	music wire	4F
T.120.110.0443.I	12,0	1,10	44,3	0,0461	123,5	3,997	stainless steel	4F
T.120.110.0608.A	12,0	1,10	60,8	0,0316	194,8	4,633	music wire	4F
T.120.110.0608.I	12,0	1,10	60,8	0,0271	195,4	3,997	stainless steel	4G
T.120.110.0808.A	12,0	1,10	80,8	0,0211	281,7	4,633	music wire	4F
T.120.110.0808.I	12,0	1,10	80,8	0,0181	282,6	3,997	stainless steel	4G
T.120.110.0828.A	12,0	1,10	82,8	0,0204	290,4	4,633	music wire	4F
T.120.110.0828.I	12,0	1,10	82,8	0,0175	291,3	3,997	stainless steel	4G
T.120.150.0365.A	12,0	1,50	36,5	0,3931	61,1	10,969	music wire	4I
T.120.150.0365.I	12,0	1,50	36,5	0,3376	61,5	9,547	stainless steel	4I
T.120.150.0575.A	12,0	1,50	57,5	0,1759	112,6	10,969	music wire	4I
T.120.150.0575.I	12,0	1,50	57,5	0,1510	113,3	9,547	stainless steel	4I
T.120.150.0665.A	12,0	1,50	66,5	0,1422	134,6	10,969	music wire	4I
T.120.150.0665.I	12,0	1,50	66,5	0,1221	135,5	9,547	stainless steel	4I
T.120.150.0770.A	12,0	1,50	77,0	0,1162	160,3	10,969	music wire	4I
T.120.150.0770.I	12,0	1,50	77,0	0,1000	161,5	9,547	stainless steel	4I
T.120.150.0860.A	12,0	1,50	86,0	0,1005	182,4	10,969	music wire	4I
T.120.150.0860.I	12,0	1,50	86,0	0,0863	183,7	9,547	stainless steel	4I
T.120.150.0965.A	12,0	1,50	96,5	0,0868	208,1	10,969	music wire	4I
T.120.150.0965.I	12,0	1,50	96,5	0,0745	209,6	9,547	stainless steel	4I
T.120.150.1085.A	12,0	1,50	108,5	0,0751	237,5	10,969	music wire	4I
T.120.150.1085.I	12,0	1,50	108,5	0,0645	239,2	9,547	stainless steel	4I
T.120.150.1205.A	12,0	1,50	120,5	0,0662	266,9	10,969	music wire	4I
T.120.150.1205.I	12,0	1,50	120,5	0,0568	268,8	9,547	stainless steel	4I
T.120.180.0332.A	12,0	1,80	33,2	1,2424	45,8	18,088	music wire	4I
T.120.180.0332.I	12,0	1,80	33,2	1,0671	46,0	15,831	stainless steel	4I
T.120.180.0440.A	12,0	1,80	44,0	0,7142	65,9	18,088	music wire	4I
T.120.180.0440.I	12,0	1,80	44,0	0,6134	66,3	15,831	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.120.180.0602.A	12,0	1,80	60,2	0,4361	96,1	18,088	music wire	4I
T.120.180.0602.I	12,0	1,80	60,2	0,3745	96,8	15,831	stainless steel	4J
T.120.180.0872.A	12,0	1,80	87,2	0,2644	146,4	18,088	music wire	4I
T.120.180.0872.I	12,0	1,80	87,2	0,2271	147,5	15,831	stainless steel	4J
T.120.180.1230.A	12,0	1,80	123,0	0,1738	213,1	18,088	music wire	4J
T.120.180.1230.I	12,0	1,80	123,0	0,1492	214,8	15,831	stainless steel	4J
T.120.180.2900.A	12,0	1,80	290,0	0,0668	524,1	18,088	music wire	4J
T.120.180.2900.I	12,0	1,80	290,0	0,0574	528,6	15,831	stainless steel	4J
T.120.200.0383.A	12,0	2,00	38,3	1,6059	51,1	24,073	music wire	4K
T.120.200.0383.I	12,0	2,00	38,3	1,3793	51,4	21,140	stainless steel	4L
T.120.200.0548.A	12,0	2,00	54,8	0,8859	78,0	24,073	music wire	4K
T.120.200.0548.I	12,0	2,00	54,8	0,7609	78,5	21,140	stainless steel	4L
T.120.200.0668.A	12,0	2,00	66,8	0,6680	97,6	24,073	music wire	4K
T.120.200.0668.I	12,0	2,00	66,8	0,5738	98,3	21,140	stainless steel	4L
T.120.200.0948.A	12,0	2,00	94,8	0,4245	143,3	24,073	music wire	4L
T.120.200.0948.I	12,0	2,00	94,8	0,3646	144,3	21,140	stainless steel	4L
T.120.200.0968.A	12,0	2,00	96,8	0,4137	146,5	24,073	music wire	4L
T.120.200.0968.I	12,0	2,00	96,8	0,3553	147,6	21,140	stainless steel	4L
T.120.200.1080.A	12,0	2,00	108,0	0,3622	164,8	24,073	music wire	4L
T.120.200.1080.I	12,0	2,00	108,0	0,3111	166,1	21,140	stainless steel	4L
T.120.200.1220.A	12,0	2,00	122,0	0,3135	187,6	24,073	music wire	4L
T.120.200.1220.I	12,0	2,00	122,0	0,2692	189,1	21,140	stainless steel	4L
T.120.200.1260.A	12,0	2,00	126,0	0,3019	194,1	24,073	music wire	4L
T.120.200.1260.I	12,0	2,00	126,0	0,2593	195,7	21,140	stainless steel	4L
T.120.200.1380.A	12,0	2,00	138,0	0,2717	213,7	24,073	music wire	4L
T.120.200.1380.I	12,0	2,00	138,0	0,2333	215,4	21,140	stainless steel	4L
T.120.200.1548.A	12,0	2,00	154,8	0,2383	241,1	24,073	music wire	4L
T.120.200.1548.I	12,0	2,00	154,8	0,2047	243,0	21,140	stainless steel	4L
T.120.200.1700.A	12,0	2,00	170,0	0,2145	265,9	24,073	music wire	4L
T.120.200.1700.I	12,0	2,00	170,0	0,1842	268,1	21,140	stainless steel	4L
T.122.175.0318.A	12,2	1,75	31,8	1,1629	44,2	16,591	music wire	4I
T.122.175.0318.I	12,2	1,75	31,8	0,9988	43,8	13,851	stainless steel	4I
T.122.175.0348.A	12,2	1,75	34,8	0,9408	50,1	16,591	music wire	4I
T.122.175.0348.I	12,2	1,75	34,8	0,8080	49,6	13,851	stainless steel	4I
T.122.180.0800.A	12,2	1,80	80,0	0,2805	135,1	17,820	music wire	4I
T.122.180.0800.I	12,2	1,80	80,0	0,2410	136,1	15,596	stainless steel	4J
T.123.120.1460.A	12,3	1,20	146,0	0,0148	499,1	5,770	music wire	4G
T.123.120.1460.I	12,3	1,20	146,0	0,0127	501,5	4,989	stainless steel	4G
T.125.075.0380.A	12,5	0,75	38,0	0,0098	187,2	1,513	music wire	4C
T.125.075.0380.I	12,5	0,75	38,0	0,0084	180,6	1,244	stainless steel	4C
T.125.085.0254.A	12,5	0,85	25,4	0,0961	46,7	2,157	music wire	4C
T.125.085.0254.I	12,5	0,85	25,4	0,0825	45,8	1,777	stainless steel	4C
T.125.085.0284.A	12,5	0,85	28,4	0,0480	71,0	2,157	music wire	4C
T.125.085.0284.I	12,5	0,85	28,4	0,0413	69,1	1,777	stainless steel	4C
T.125.090.0254.A	12,5	0,90	25,4	0,1259	44,3	2,534	music wire	4E
T.125.090.0254.I	12,5	0,90	25,4	0,1082	43,5	2,090	stainless steel	4E
T.125.090.0284.A	12,5	0,90	28,4	0,0630	66,3	2,534	music wire	4E
T.125.090.0284.I	12,5	0,90	28,4	0,0541	64,7	2,090	stainless steel	4E
T.125.090.0360.A	12,5	0,90	36,0	0,0282	120,7	2,534	music wire	4E
T.125.090.0360.I	12,5	0,90	36,0	0,0242	117,1	2,090	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.125.090.0400.A	12,5	0,90	40,0	0,0218	149,7	2,537	music wire	4E
T.125.090.0400.I	12,5	0,90	40,0	0,0187	149,6	2,177	stainless steel	4E
T.125.090.0430.A	12,5	0,90	43,0	0,0186	171,1	2,534	music wire	4E
T.125.090.0430.I	12,5	0,90	43,0	0,0160	165,7	2,090	stainless steel	4E
T.125.090.0500.A	12,5	0,90	50,0	0,0139	221,6	2,537	music wire	4E
T.125.090.0500.I	12,5	0,90	50,0	0,0120	221,5	2,177	stainless steel	4E
T.125.090.0630.A	12,5	0,90	63,0	0,0095	315,1	2,537	music wire	4E
T.125.090.0630.I	12,5	0,90	63,0	0,0081	314,9	2,177	stainless steel	4E
T.125.090.0800.A	12,5	0,90	80,0	0,0067	437,5	2,537	music wire	4E
T.125.090.0800.I	12,5	0,90	80,0	0,0057	437,2	2,177	stainless steel	4E
T.125.090.1000.A	12,5	0,90	100,0	0,0050	581,4	2,537	music wire	4E
T.125.090.1000.I	12,5	0,90	100,0	0,0043	581,0	2,177	stainless steel	4F
T.125.090.1250.A	12,5	0,90	125,0	0,0038	761,2	2,537	music wire	4F
T.125.090.1250.I	12,5	0,90	125,0	0,0032	760,7	2,177	stainless steel	4F
T.125.090.3600.A	12,5	0,90	360,0	0,0011	2452,1	2,537	music wire	4H
T.125.090.3600.I	12,5	0,90	360,0	0,0010	2450,4	2,177	stainless steel	4I
T.125.100.0254.A	12,5	1,00	25,4	0,1970	41,5	3,411	music wire	4E
T.125.100.0254.I	12,5	1,00	25,4	0,1692	40,8	2,818	stainless steel	4E
T.125.100.0284.A	12,5	1,00	28,4	0,1047	58,7	3,411	music wire	4E
T.125.100.0284.I	12,5	1,00	28,4	0,0899	57,4	2,818	stainless steel	4E
T.125.100.0400.A	12,5	1,00	40,0	0,0372	125,1	3,411	music wire	4E
T.125.100.0400.I	12,5	1,00	40,0	0,0320	125,3	2,935	stainless steel	4E
T.125.100.0500.A	12,5	1,00	50,0	0,0239	182,4	3,411	music wire	4E
T.125.100.0500.I	12,5	1,00	50,0	0,0205	182,7	2,935	stainless steel	4E
T.125.100.0630.A	12,5	1,00	63,0	0,0163	256,9	3,411	music wire	4E
T.125.100.0630.I	12,5	1,00	63,0	0,0140	257,3	2,935	stainless steel	4E
T.125.100.0800.A	12,5	1,00	80,0	0,0115	354,3	3,411	music wire	4E
T.125.100.0800.I	12,5	1,00	80,0	0,0099	354,8	2,935	stainless steel	4F
T.125.100.1000.A	12,5	1,00	100,0	0,0086	468,9	3,411	music wire	4E
T.125.100.1000.I	12,5	1,00	100,0	0,0074	469,6	2,935	stainless steel	4F
T.125.100.1250.A	12,5	1,00	125,0	0,0065	612,2	3,411	music wire	4F
T.125.100.1250.I	12,5	1,00	125,0	0,0056	613,1	2,935	stainless steel	4F
T.125.100.3600.A	12,5	1,00	360,0	0,0020	1958,7	3,411	music wire	4H
T.125.100.3600.I	12,5	1,00	360,0	0,0017	1961,7	2,935	stainless steel	4I
T.125.110.0254.A	12,5	1,10	25,4	0,2961	39,2	4,459	music wire	4E
T.125.110.0254.I	12,5	1,10	25,4	0,2543	38,7	3,690	stainless steel	4F
T.125.110.0284.A	12,5	1,10	28,4	0,1650	53,2	4,459	music wire	4E
T.125.110.0284.I	12,5	1,10	28,4	0,1418	52,2	3,690	stainless steel	4F
T.125.110.0360.A	12,5	1,10	36,0	0,0774	88,9	4,459	music wire	4F
T.125.110.0360.I	12,5	1,10	36,0	0,0665	86,8	3,690	stainless steel	4F
T.125.110.0380.A	12,5	1,10	38,0	0,0680	98,2	4,459	music wire	4F
T.125.110.0380.I	12,5	1,10	38,0	0,0584	95,8	3,690	stainless steel	4F
T.125.110.0400.A	12,5	1,10	40,0	0,0605	107,6	4,455	music wire	4F
T.125.110.0400.I	12,5	1,10	40,0	0,0520	107,9	3,844	stainless steel	4F
T.125.110.0500.A	12,5	1,10	50,0	0,0391	154,6	4,455	music wire	4F
T.125.110.0500.I	12,5	1,10	50,0	0,0336	155,0	3,844	stainless steel	4F
T.125.110.0630.A	12,5	1,10	63,0	0,0268	215,6	4,455	music wire	4F
T.125.110.0630.I	12,5	1,10	63,0	0,0230	216,3	3,844	stainless steel	4G
T.125.110.0800.A	12,5	1,10	80,0	0,0190	295,4	4,455	music wire	4F
T.125.110.0800.I	12,5	1,10	80,0	0,0163	296,3	3,844	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.125.110.1000.A	12,5	1,10	100,0	0,0141	389,3	4,455	music wire	4G
T.125.110.1000.I	12,5	1,10	100,0	0,0121	390,6	3,844	stainless steel	4G
T.125.110.1250.A	12,5	1,10	125,0	0,0107	506,6	4,455	music wire	4G
T.125.110.1250.I	12,5	1,10	125,0	0,0092	508,3	3,844	stainless steel	4G
T.125.110.3600.A	12,5	1,10	360,0	0,0033	1609,8	4,455	music wire	4I
T.125.110.3600.I	12,5	1,10	360,0	0,0028	1615,4	3,844	stainless steel	4I
T.125.112.0330.A	12,5	1,12	33,0	0,1077	72,9	4,690	music wire	4F
T.125.112.0330.I	12,5	1,12	33,0	0,0925	71,3	3,883	stainless steel	4F
T.125.125.0254.A	12,5	1,25	25,4	0,5293	36,3	6,380	music wire	4F
T.125.125.0254.I	12,5	1,25	25,4	0,4546	35,9	5,291	stainless steel	4F
T.125.125.0270.A	12,5	1,25	27,0	0,3797	42,2	6,380	music wire	4F
T.125.125.0270.I	12,5	1,25	27,0	0,3262	41,6	5,291	stainless steel	4F
T.125.125.0284.A	12,5	1,25	28,4	0,3065	47,2	6,380	music wire	4F
T.125.125.0284.I	12,5	1,25	28,4	0,2632	46,5	5,291	stainless steel	4F
T.125.125.0400.A	12,5	1,25	40,0	0,1165	89,5	6,366	music wire	4F
T.125.125.0400.I	12,5	1,25	40,0	0,1000	89,9	5,512	stainless steel	4F
T.125.125.0500.A	12,5	1,25	50,0	0,0759	125,9	6,366	music wire	4F
T.125.125.0500.I	12,5	1,25	50,0	0,0652	126,5	5,512	stainless steel	4G
T.125.125.0630.A	12,5	1,25	63,0	0,0523	173,2	6,366	music wire	4F
T.125.125.0630.I	12,5	1,25	63,0	0,0449	174,0	5,512	stainless steel	4G
T.125.125.0800.A	12,5	1,25	80,0	0,0372	235,0	6,366	music wire	4F
T.125.125.0800.I	12,5	1,25	80,0	0,0319	236,3	5,512	stainless steel	4G
T.125.125.1000.A	12,5	1,25	100,0	0,0277	307,8	6,366	music wire	4G
T.125.125.1000.I	12,5	1,25	100,0	0,0238	309,5	5,512	stainless steel	4G
T.125.125.1250.A	12,5	1,25	125,0	0,0210	398,8	6,366	music wire	4G
T.125.125.1250.I	12,5	1,25	125,0	0,0181	401,0	5,512	stainless steel	4G
T.125.125.3600.A	12,5	1,25	360,0	0,0064	1253,8	6,366	music wire	4I
T.125.125.3600.I	12,5	1,25	360,0	0,0055	1261,0	5,512	stainless steel	4I
T.125.140.0254.A	12,5	1,40	25,4	0,8672	34,4	8,752	music wire	4G
T.125.140.0254.I	12,5	1,40	25,4	0,7448	34,1	7,274	stainless steel	4H
T.125.140.0284.A	12,5	1,40	28,4	0,5299	43,2	8,752	music wire	4G
T.125.140.0284.I	12,5	1,40	28,4	0,4552	42,6	7,274	stainless steel	4H
T.125.140.0400.A	12,5	1,40	40,0	0,2087	77,4	8,724	music wire	4G
T.125.140.0400.I	12,5	1,40	40,0	0,1792	77,8	7,577	stainless steel	4H
T.125.140.0500.A	12,5	1,40	50,0	0,1372	106,8	8,724	music wire	4H
T.125.140.0500.I	12,5	1,40	50,0	0,1178	107,5	7,577	stainless steel	4H
T.125.140.0500.N	12,5	1,40	50,0	0,1372	106,8	8,724	Zn coating	4I
T.125.140.0630.A	12,5	1,40	63,0	0,0949	145,1	8,724	music wire	4H
T.125.140.0630.I	12,5	1,40	63,0	0,0815	146,1	7,577	stainless steel	4H
T.125.140.0800.A	12,5	1,40	80,0	0,0677	195,2	8,724	music wire	4H
T.125.140.0800.I	12,5	1,40	80,0	0,0581	196,5	7,577	stainless steel	4I
T.125.140.0800.N	12,5	1,40	80,0	0,0677	195,2	8,724	Zn coating	4I
T.125.140.1000.A	12,5	1,40	100,0	0,0506	254,1	8,724	music wire	4H
T.125.140.1000.I	12,5	1,40	100,0	0,0434	255,9	7,577	stainless steel	4I
T.125.140.1250.A	12,5	1,40	125,0	0,0384	327,8	8,724	music wire	4I
T.125.140.1250.I	12,5	1,40	125,0	0,0330	330,1	7,577	stainless steel	4I
T.125.140.3600.A	12,5	1,40	360,0	0,0118	1020,1	8,724	music wire	4I
T.125.140.3600.I	12,5	1,40	360,0	0,0101	1027,6	7,577	stainless steel	4I
T.125.150.0254.A	12,5	1,50	25,4	1,1742	33,4	10,601	music wire	4H
T.125.150.0254.I	12,5	1,50	25,4	1,0085	33,1	8,823	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.125.150.0284.A	12,5	1,50	28,4	0,7311	41,3	10,601	music wire	4H
T.125.150.0284.I	12,5	1,50	28,4	0,6279	40,8	8,823	stainless steel	4I
T.125.150.0318.A	12,5	1,50	31,8	0,5166	50,0	10,601	music wire	4I
T.125.150.0318.I	12,5	1,50	31,8	0,4437	49,3	8,823	stainless steel	4I
T.125.150.0348.A	12,5	1,50	34,8	0,4079	57,9	10,601	music wire	4I
T.125.150.0348.I	12,5	1,50	34,8	0,3503	57,0	8,823	stainless steel	4I
T.125.160.0400.A	12,5	1,60	40,0	0,4166	66,7	12,618	music wire	4I
T.125.160.0400.I	12,5	1,60	40,0	0,3578	67,1	11,003	stainless steel	4I
T.125.160.0500.A	12,5	1,60	50,0	0,2768	90,1	12,618	music wire	4I
T.125.160.0500.I	12,5	1,60	50,0	0,2377	90,8	11,003	stainless steel	4I
T.125.160.0630.A	12,5	1,60	63,0	0,1927	120,7	12,618	music wire	4I
T.125.160.0630.I	12,5	1,60	63,0	0,1655	121,5	11,003	stainless steel	4I
T.125.160.0800.A	12,5	1,60	80,0	0,1379	160,6	12,618	music wire	4I
T.125.160.0800.I	12,5	1,60	80,0	0,1185	161,8	11,003	stainless steel	4I
T.125.160.1000.A	12,5	1,60	100,0	0,1034	207,5	12,618	music wire	4I
T.125.160.1000.I	12,5	1,60	100,0	0,0888	209,1	11,003	stainless steel	4I
T.125.160.1250.A	12,5	1,60	125,0	0,0787	266,2	12,618	music wire	4I
T.125.160.1250.I	12,5	1,60	125,0	0,0676	268,3	11,003	stainless steel	4I
T.125.160.3600.A	12,5	1,60	360,0	0,0243	817,8	12,618	music wire	4J
T.125.160.3600.I	12,5	1,60	360,0	0,0209	824,8	11,003	stainless steel	4J
T.125.180.0400.A	12,5	1,80	40,0	0,7703	59,7	17,432	music wire	4I
T.125.180.0400.I	12,5	1,80	40,0	0,6616	60,0	15,256	stainless steel	4I
T.125.180.0500.A	12,5	1,80	50,0	0,5169	79,3	17,432	music wire	4I
T.125.180.0500.I	12,5	1,80	50,0	0,4440	79,9	15,256	stainless steel	4I
T.125.180.0630.A	12,5	1,80	63,0	0,3621	104,8	17,432	music wire	4I
T.125.180.0630.I	12,5	1,80	63,0	0,3110	105,6	15,256	stainless steel	4J
T.125.180.0630.N	12,5	1,80	63,0	0,3621	104,8	17,432	Zn coating	4J
T.125.180.0800.A	12,5	1,80	80,0	0,2602	138,2	17,432	music wire	4I
T.125.180.0800.I	12,5	1,80	80,0	0,2235	139,3	15,256	stainless steel	4J
T.125.180.1000.A	12,5	1,80	100,0	0,1954	177,5	17,432	music wire	4J
T.125.180.1000.I	12,5	1,80	100,0	0,1679	179,0	15,256	stainless steel	4J
T.125.180.1000.N	12,5	1,80	100,0	0,1954	177,5	17,432	Zn coating	4K
T.125.180.1250.A	12,5	1,80	125,0	0,1491	226,6	17,432	music wire	4J
T.125.180.1250.I	12,5	1,80	125,0	0,1281	228,6	15,256	stainless steel	4J
T.125.180.3600.A	12,5	1,80	360,0	0,0462	688,2	17,432	music wire	4J
T.125.180.3600.I	12,5	1,80	360,0	0,0396	694,5	15,256	stainless steel	4J
T.125.190.0480.A	12,5	1,90	48,0	0,7382	71,8	20,331	music wire	4I
T.125.190.0480.I	12,5	1,90	48,0	0,6341	71,0	17,002	stainless steel	4I
T.126.180.0284.A	12,6	1,80	28,4	1,7687	37,0	17,406	music wire	4I
T.126.180.0284.I	12,6	1,80	28,4	1,5191	36,7	14,540	stainless steel	4I
T.126.200.0296.A	12,6	2,00	29,6	2,6319	37,2	23,217	music wire	4K
T.126.200.0296.I	12,6	2,00	29,6	2,2605	36,9	19,437	stainless steel	4L
T.127.085.0318.A	12,7	0,85	31,8	0,0304	98,4	2,127	music wire	4C
T.127.085.0318.I	12,7	0,85	31,8	0,0261	98,2	1,822	stainless steel	4C
T.127.085.0320.A	12,7	0,85	32,0	0,0297	100,1	2,127	music wire	4C
T.127.085.0320.I	12,7	0,85	32,0	0,0255	99,9	1,822	stainless steel	4C
T.127.085.0348.A	12,7	0,85	34,8	0,0227	123,7	2,127	music wire	4C
T.127.085.0348.I	12,7	0,85	34,8	0,0195	123,5	1,822	stainless steel	4C
T.127.085.0350.A	12,7	0,85	35,0	0,0224	125,4	2,127	music wire	4C
T.127.085.0350.I	12,7	0,85	35,0	0,0192	125,2	1,822	stainless steel	4C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.085.0380.A	12,7	0,85	38,0	0,0179	150,7	2,127	music wire	4C
T.127.085.0380.I	12,7	0,85	38,0	0,0154	150,4	1,822	stainless steel	4C
T.127.085.0381.A	12,7	0,85	38,1	0,0178	151,5	2,127	music wire	4C
T.127.085.0381.I	12,7	0,85	38,1	0,0153	151,3	1,822	stainless steel	4C
T.127.085.0444.A	12,7	0,85	44,4	0,0126	204,7	2,127	music wire	4C
T.127.085.0444.I	12,7	0,85	44,4	0,0108	204,3	1,822	stainless steel	4D
T.127.085.0450.A	12,7	0,85	45,0	0,0123	209,8	2,127	music wire	4C
T.127.085.0450.I	12,7	0,85	45,0	0,0105	209,4	1,822	stainless steel	4D
T.127.085.0500.A	12,7	0,85	50,0	0,0100	252,0	2,127	music wire	4C
T.127.085.0500.I	12,7	0,85	50,0	0,0086	251,5	1,822	stainless steel	4D
T.127.085.0508.A	12,7	0,85	50,8	0,0097	258,7	2,127	music wire	4C
T.127.085.0508.I	12,7	0,85	50,8	0,0083	258,2	1,822	stainless steel	4D
T.127.085.0570.A	12,7	0,85	57,0	0,0080	311,0	2,127	music wire	4C
T.127.085.0570.I	12,7	0,85	57,0	0,0068	310,5	1,822	stainless steel	4D
T.127.085.0572.A	12,7	0,85	57,2	0,0079	312,7	2,127	music wire	4C
T.127.085.0572.I	12,7	0,85	57,2	0,0068	312,2	1,822	stainless steel	4D
T.127.090.0318.A	12,7	0,90	31,8	0,0402	90,4	2,498	music wire	4E
T.127.090.0318.I	12,7	0,90	31,8	0,0346	90,3	2,144	stainless steel	4E
T.127.090.0320.A	12,7	0,90	32,0	0,0394	91,8	2,498	music wire	4E
T.127.090.0320.I	12,7	0,90	32,0	0,0338	91,8	2,144	stainless steel	4E
T.127.090.0348.A	12,7	0,90	34,8	0,0303	112,7	2,498	music wire	4E
T.127.090.0348.I	12,7	0,90	34,8	0,0260	112,6	2,144	stainless steel	4E
T.127.090.0350.A	12,7	0,90	35,0	0,0298	114,1	2,498	music wire	4E
T.127.090.0350.I	12,7	0,90	35,0	0,0256	114,1	2,144	stainless steel	4E
T.127.090.0380.A	12,7	0,90	38,0	0,0239	136,4	2,498	music wire	4E
T.127.090.0380.I	12,7	0,90	38,0	0,0206	136,4	2,144	stainless steel	4E
T.127.090.0381.A	12,7	0,90	38,1	0,0238	137,2	2,498	music wire	4E
T.127.090.0381.I	12,7	0,90	38,1	0,0204	137,1	2,144	stainless steel	4E
T.127.090.0410.A	12,7	0,90	41,0	0,0200	158,8	2,498	music wire	4E
T.127.090.0410.I	12,7	0,90	41,0	0,0172	158,7	2,144	stainless steel	4E
T.127.090.0444.A	12,7	0,90	44,4	0,0169	184,0	2,498	music wire	4E
T.127.090.0444.I	12,7	0,90	44,4	0,0145	183,9	2,144	stainless steel	4E
T.127.090.0450.A	12,7	0,90	45,0	0,0164	188,5	2,498	music wire	4E
T.127.090.0450.I	12,7	0,90	45,0	0,0141	188,4	2,144	stainless steel	4E
T.127.090.0500.A	12,7	0,90	50,0	0,0134	225,7	2,498	music wire	4E
T.127.090.0500.I	12,7	0,90	50,0	0,0115	225,5	2,144	stainless steel	4E
T.127.090.0508.A	12,7	0,90	50,8	0,0130	231,6	2,498	music wire	4E
T.127.090.0508.I	12,7	0,90	50,8	0,0112	231,5	2,144	stainless steel	4E
T.127.090.0570.A	12,7	0,90	57,0	0,0107	277,7	2,498	music wire	4E
T.127.090.0570.I	12,7	0,90	57,0	0,0092	277,5	2,144	stainless steel	4E
T.127.090.0572.A	12,7	0,90	57,2	0,0106	279,2	2,498	music wire	4E
T.127.090.0572.I	12,7	0,90	57,2	0,0091	279,0	2,144	stainless steel	4E
T.127.090.0635.A	12,7	0,90	63,5	0,0090	326,0	2,498	music wire	4E
T.127.090.0635.I	12,7	0,90	63,5	0,0077	325,8	2,144	stainless steel	4E
T.127.090.0640.A	12,7	0,90	64,0	0,0089	329,7	2,498	music wire	4E
T.127.090.0640.I	12,7	0,90	64,0	0,0076	329,5	2,144	stainless steel	4E
T.127.090.0698.A	12,7	0,90	69,8	0,0078	372,9	2,498	music wire	4E
T.127.090.0698.I	12,7	0,90	69,8	0,0067	372,6	2,144	stainless steel	4E
T.127.090.0700.A	12,7	0,90	70,0	0,0077	374,4	2,498	music wire	4E
T.127.090.0700.I	12,7	0,90	70,0	0,0066	374,1	2,144	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.090.0760.A	12,7	0,90	76,0	0,0069	419,0	2,498	music wire	4E
T.127.090.0760.I	12,7	0,90	76,0	0,0059	418,7	2,144	stainless steel	4E
T.127.090.0762.A	12,7	0,90	76,2	0,0068	420,4	2,498	music wire	4E
T.127.090.0762.I	12,7	0,90	76,2	0,0059	420,2	2,144	stainless steel	4E
T.127.090.0889.A	12,7	0,90	88,9	0,0055	514,9	2,498	music wire	4E
T.127.090.0889.I	12,7	0,90	88,9	0,0048	514,5	2,144	stainless steel	4F
T.127.090.0890.A	12,7	0,90	89,0	0,0055	515,6	2,498	music wire	4E
T.127.090.0890.I	12,7	0,90	89,0	0,0047	515,3	2,144	stainless steel	4F
T.127.090.1016.A	12,7	0,90	101,6	0,0046	609,3	2,498	music wire	4E
T.127.090.1016.I	12,7	0,90	101,6	0,0040	608,9	2,144	stainless steel	4F
T.127.090.1020.A	12,7	0,90	102,0	0,0046	612,3	2,498	music wire	4E
T.127.090.1020.I	12,7	0,90	102,0	0,0040	611,8	2,144	stainless steel	4F
T.127.090.1143.A	12,7	0,90	114,3	0,0040	703,7	2,498	music wire	4E
T.127.090.1143.I	12,7	0,90	114,3	0,0034	703,2	2,144	stainless steel	4F
T.127.090.1150.A	12,7	0,90	115,0	0,0040	708,9	2,498	music wire	4E
T.127.090.1150.I	12,7	0,90	115,0	0,0034	708,4	2,144	stainless steel	4F
T.127.090.1270.A	12,7	0,90	127,0	0,0035	798,1	2,498	music wire	4F
T.127.090.1270.I	12,7	0,90	127,0	0,0030	797,6	2,144	stainless steel	4F
T.127.100.0318.A	12,7	1,00	31,8	0,0677	78,0	3,359	music wire	4E
T.127.100.0318.I	12,7	1,00	31,8	0,0581	78,1	2,891	stainless steel	4E
T.127.100.0320.A	12,7	1,00	32,0	0,0663	79,2	3,359	music wire	4E
T.127.100.0320.I	12,7	1,00	32,0	0,0569	79,3	2,891	stainless steel	4E
T.127.100.0348.A	12,7	1,00	34,8	0,0513	95,7	3,359	music wire	4E
T.127.100.0348.I	12,7	1,00	34,8	0,0441	95,9	2,891	stainless steel	4E
T.127.100.0350.A	12,7	1,00	35,0	0,0505	96,9	3,359	music wire	4E
T.127.100.0350.I	12,7	1,00	35,0	0,0434	97,0	2,891	stainless steel	4E
T.127.100.0380.A	12,7	1,00	38,0	0,0408	114,7	3,359	music wire	4E
T.127.100.0380.I	12,7	1,00	38,0	0,0350	114,8	2,891	stainless steel	4E
T.127.100.0381.A	12,7	1,00	38,1	0,0405	115,3	3,359	music wire	4E
T.127.100.0381.I	12,7	1,00	38,1	0,0348	115,4	2,891	stainless steel	4E
T.127.100.0410.A	12,7	1,00	41,0	0,0342	132,4	3,359	music wire	4E
T.127.100.0410.I	12,7	1,00	41,0	0,0294	132,6	2,891	stainless steel	4E
T.127.100.0444.A	12,7	1,00	44,4	0,0289	152,5	3,359	music wire	4E
T.127.100.0444.I	12,7	1,00	44,4	0,0248	152,7	2,891	stainless steel	4E
T.127.100.0450.A	12,7	1,00	45,0	0,0281	156,1	3,359	music wire	4E
T.127.100.0450.I	12,7	1,00	45,0	0,0242	156,3	2,891	stainless steel	4E
T.127.100.0480.A	12,7	1,00	48,0	0,0248	173,8	3,359	music wire	4E
T.127.100.0480.I	12,7	1,00	48,0	0,0213	174,1	2,891	stainless steel	4E
T.127.100.0500.A	12,7	1,00	50,0	0,0230	185,6	3,359	music wire	4E
T.127.100.0500.I	12,7	1,00	50,0	0,0198	185,9	2,891	stainless steel	4E
T.127.100.0508.A	12,7	1,00	50,8	0,0224	190,4	3,359	music wire	4E
T.127.100.0508.I	12,7	1,00	50,8	0,0192	190,6	2,891	stainless steel	4E
T.127.100.0570.A	12,7	1,00	57,0	0,0184	227,0	3,359	music wire	4E
T.127.100.0570.I	12,7	1,00	57,0	0,0158	227,4	2,891	stainless steel	4E
T.127.100.0572.A	12,7	1,00	57,2	0,0183	228,2	3,359	music wire	4E
T.127.100.0572.I	12,7	1,00	57,2	0,0157	228,6	2,891	stainless steel	4E
T.127.100.0590.A	12,7	1,00	59,0	0,0174	238,9	3,359	music wire	4E
T.127.100.0590.I	12,7	1,00	59,0	0,0149	239,2	2,891	stainless steel	4E
T.127.100.0635.A	12,7	1,00	63,5	0,0155	265,5	3,359	music wire	4E
T.127.100.0635.I	12,7	1,00	63,5	0,0133	265,9	2,891	stainless steel	4E



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.100.0640.A	12,7	1,00	64,0	0,0153	268,4	3,359	music wire	4E
T.127.100.0640.I	12,7	1,00	64,0	0,0131	268,8	2,891	stainless steel	4E
T.127.100.0698.A	12,7	1,00	69,8	0,0134	302,7	3,359	music wire	4E
T.127.100.0698.I	12,7	1,00	69,8	0,0115	303,2	2,891	stainless steel	4E
T.127.100.0700.A	12,7	1,00	70,0	0,0134	303,9	3,359	music wire	4E
T.127.100.0700.I	12,7	1,00	70,0	0,0115	304,4	2,891	stainless steel	4E
T.127.100.0760.A	12,7	1,00	76,0	0,0119	339,4	3,359	music wire	4E
T.127.100.0760.I	12,7	1,00	76,0	0,0102	339,9	2,891	stainless steel	4F
T.127.100.0762.A	12,7	1,00	76,2	0,0118	340,6	3,359	music wire	4E
T.127.100.0762.I	12,7	1,00	76,2	0,0102	341,1	2,891	stainless steel	4F
T.127.100.0889.A	12,7	1,00	88,9	0,0096	415,7	3,359	music wire	4E
T.127.100.0889.I	12,7	1,00	88,9	0,0082	416,3	2,891	stainless steel	4F
T.127.100.0890.A	12,7	1,00	89,0	0,0096	416,3	3,359	music wire	4E
T.127.100.0890.I	12,7	1,00	89,0	0,0082	416,9	2,891	stainless steel	4F
T.127.100.1016.A	12,7	1,00	101,6	0,0080	490,8	3,359	music wire	4E
T.127.100.1016.I	12,7	1,00	101,6	0,0069	491,6	2,891	stainless steel	4F
T.127.100.1020.A	12,7	1,00	102,0	0,0080	493,2	3,359	music wire	4E
T.127.100.1020.I	12,7	1,00	102,0	0,0069	493,9	2,891	stainless steel	4F
T.127.100.1143.A	12,7	1,00	114,3	0,0069	565,9	3,359	music wire	4F
T.127.100.1143.I	12,7	1,00	114,3	0,0059	566,8	2,891	stainless steel	4F
T.127.100.1150.A	12,7	1,00	115,0	0,0069	570,1	3,359	music wire	4F
T.127.100.1150.I	12,7	1,00	115,0	0,0059	571,0	2,891	stainless steel	4F
T.127.100.1270.A	12,7	1,00	127,0	0,0061	641,1	3,359	music wire	4F
T.127.100.1270.I	12,7	1,00	127,0	0,0052	642,0	2,891	stainless steel	4F
T.127.110.0318.A	12,7	1,10	31,8	0,1084	69,1	4,388	music wire	4F
T.127.110.0318.I	12,7	1,10	31,8	0,0931	69,2	3,785	stainless steel	4F
T.127.110.0348.A	12,7	1,10	34,8	0,0828	83,6	4,388	music wire	4F
T.127.110.0348.I	12,7	1,10	34,8	0,0711	83,8	3,785	stainless steel	4F
T.127.110.0381.A	12,7	1,10	38,1	0,0657	99,5	4,388	music wire	4F
T.127.110.0381.I	12,7	1,10	38,1	0,0564	99,8	3,785	stainless steel	4F
T.127.110.0444.A	12,7	1,10	44,4	0,0471	130,0	4,388	music wire	4F
T.127.110.0444.I	12,7	1,10	44,4	0,0405	130,4	3,785	stainless steel	4F
T.127.110.0508.A	12,7	1,10	50,8	0,0366	161,0	4,388	music wire	4F
T.127.110.0508.I	12,7	1,10	50,8	0,0315	161,5	3,785	stainless steel	4F
T.127.110.0572.A	12,7	1,10	57,2	0,0300	192,0	4,388	music wire	4F
T.127.110.0572.I	12,7	1,10	57,2	0,0257	192,6	3,785	stainless steel	4G
T.127.110.0635.A	12,7	1,10	63,5	0,0254	222,5	4,388	music wire	4F
T.127.110.0635.I	12,7	1,10	63,5	0,0218	223,2	3,785	stainless steel	4G
T.127.110.0698.A	12,7	1,10	69,8	0,0220	253,0	4,388	music wire	4F
T.127.110.0698.I	12,7	1,10	69,8	0,0189	253,8	3,785	stainless steel	4G
T.127.110.0762.A	12,7	1,10	76,2	0,0194	284,0	4,388	music wire	4F
T.127.110.0762.I	12,7	1,10	76,2	0,0167	284,9	3,785	stainless steel	4G
T.127.110.0889.A	12,7	1,10	88,9	0,0157	345,4	4,388	music wire	4F
T.127.110.0889.I	12,7	1,10	88,9	0,0135	346,6	3,785	stainless steel	4G
T.127.110.1016.A	12,7	1,10	101,6	0,0132	406,9	4,388	music wire	4G
T.127.110.1016.I	12,7	1,10	101,6	0,0114	408,3	3,785	stainless steel	4G
T.127.110.1143.A	12,7	1,10	114,3	0,0114	468,4	4,388	music wire	4G
T.127.110.1143.I	12,7	1,10	114,3	0,0098	470,0	3,785	stainless steel	4G
T.127.110.1270.A	12,7	1,10	127,0	0,0100	529,9	4,388	music wire	4G
T.127.110.1270.I	12,7	1,10	127,0	0,0086	531,7	3,785	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.112.0320.A	12,7	1,12	32,0	0,1161	68,5	4,615	music wire	4F
T.127.112.0320.I	12,7	1,12	32,0	0,1000	68,7	3,983	stainless steel	4F
T.127.112.0350.A	12,7	1,12	35,0	0,0892	82,5	4,615	music wire	4F
T.127.112.0350.I	12,7	1,12	35,0	0,0766	82,7	3,983	stainless steel	4F
T.127.112.0380.A	12,7	1,12	38,0	0,0724	96,5	4,615	music wire	4F
T.127.112.0380.I	12,7	1,12	38,0	0,0622	96,8	3,983	stainless steel	4F
T.127.112.0410.A	12,7	1,12	41,0	0,0610	110,5	4,615	music wire	4F
T.127.112.0410.I	12,7	1,12	41,0	0,0524	110,8	3,983	stainless steel	4F
T.127.112.0450.A	12,7	1,12	45,0	0,0504	129,1	4,615	music wire	4F
T.127.112.0450.I	12,7	1,12	45,0	0,0433	129,5	3,983	stainless steel	4F
T.127.112.0500.A	12,7	1,12	50,0	0,0414	152,5	4,615	music wire	4F
T.127.112.0500.I	12,7	1,12	50,0	0,0355	153,0	3,983	stainless steel	4F
T.127.112.0540.A	12,7	1,12	54,0	0,0362	171,1	4,615	music wire	4F
T.127.112.0540.I	12,7	1,12	54,0	0,0311	171,7	3,983	stainless steel	4F
T.127.112.0570.A	12,7	1,12	57,0	0,0331	185,1	4,615	music wire	4F
T.127.112.0570.I	12,7	1,12	57,0	0,0284	185,7	3,983	stainless steel	4F
T.127.112.0640.A	12,7	1,12	64,0	0,0276	217,8	4,615	music wire	4F
T.127.112.0640.I	12,7	1,12	64,0	0,0237	218,5	3,983	stainless steel	4G
T.127.112.0700.A	12,7	1,12	70,0	0,0241	245,7	4,615	music wire	4F
T.127.112.0700.I	12,7	1,12	70,0	0,0207	246,6	3,983	stainless steel	4G
T.127.112.0760.A	12,7	1,12	76,0	0,0214	273,7	4,615	music wire	4F
T.127.112.0760.I	12,7	1,12	76,0	0,0184	274,7	3,983	stainless steel	4G
T.127.112.0890.A	12,7	1,12	89,0	0,0173	334,4	4,615	music wire	4F
T.127.112.0890.I	12,7	1,12	89,0	0,0148	335,6	3,983	stainless steel	4G
T.127.112.1020.A	12,7	1,12	102,0	0,0145	395,0	4,615	music wire	4G
T.127.112.1020.I	12,7	1,12	102,0	0,0124	396,5	3,983	stainless steel	4G
T.127.112.1150.A	12,7	1,12	115,0	0,0124	455,6	4,615	music wire	4G
T.127.112.1150.I	12,7	1,12	115,0	0,0107	457,3	3,983	stainless steel	4G
T.127.120.0520.A	12,7	1,20	52,0	0,0552	144,3	5,596	music wire	4F
T.127.120.0520.I	12,7	1,20	52,0	0,0474	145,0	4,839	stainless steel	4G
T.127.120.0610.A	12,7	1,20	61,0	0,0425	180,9	5,596	music wire	4F
T.127.120.0610.I	12,7	1,20	61,0	0,0365	181,7	4,839	stainless steel	4G
T.127.120.0640.A	12,7	1,20	64,0	0,0395	193,0	5,596	music wire	4F
T.127.120.0640.I	12,7	1,20	64,0	0,0339	193,9	4,839	stainless steel	4G
T.127.120.0980.A	12,7	1,20	98,0	0,0219	331,0	5,596	music wire	4G
T.127.120.0980.I	12,7	1,20	98,0	0,0188	332,6	4,839	stainless steel	4G
T.127.120.2150.A	12,7	1,20	215,0	0,0086	805,8	5,596	music wire	4H
T.127.120.2150.I	12,7	1,20	215,0	0,0074	809,8	4,839	stainless steel	4H
T.127.125.0318.A	12,7	1,25	31,8	0,2040	59,7	6,271	music wire	4F
T.127.125.0318.I	12,7	1,25	31,8	0,1753	59,9	5,429	stainless steel	4F
T.127.125.0320.A	12,7	1,25	32,0	0,2000	60,4	6,271	music wire	4F
T.127.125.0320.I	12,7	1,25	32,0	0,1719	60,6	5,429	stainless steel	4F
T.127.125.0348.A	12,7	1,25	34,8	0,1575	70,9	6,271	music wire	4F
T.127.125.0348.I	12,7	1,25	34,8	0,1353	71,2	5,429	stainless steel	4F
T.127.125.0350.A	12,7	1,25	35,0	0,1551	71,6	6,271	music wire	4F
T.127.125.0350.I	12,7	1,25	35,0	0,1332	71,9	5,429	stainless steel	4F
T.127.125.0380.A	12,7	1,25	38,0	0,1267	82,9	6,271	music wire	4F
T.127.125.0380.I	12,7	1,25	38,0	0,1088	83,2	5,429	stainless steel	4F
T.127.125.0381.A	12,7	1,25	38,1	0,1259	83,3	6,271	music wire	4F
T.127.125.0381.I	12,7	1,25	38,1	0,1081	83,6	5,429	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.125.0444.A	12,7	1,25	44,4	0,0910	106,8	6,271	music wire	4F
T.127.125.0444.I	12,7	1,25	44,4	0,0782	107,3	5,429	stainless steel	4G
T.127.125.0450.A	12,7	1,25	45,0	0,0887	109,1	6,271	music wire	4F
T.127.125.0450.I	12,7	1,25	45,0	0,0762	109,6	5,429	stainless steel	4G
T.127.125.0508.A	12,7	1,25	50,8	0,0711	130,8	6,271	music wire	4F
T.127.125.0508.I	12,7	1,25	50,8	0,0610	131,5	5,429	stainless steel	4G
T.127.125.0570.A	12,7	1,25	57,0	0,0586	154,0	6,271	music wire	4F
T.127.125.0570.I	12,7	1,25	57,0	0,0503	154,8	5,429	stainless steel	4G
T.127.125.0572.A	12,7	1,25	57,2	0,0583	154,8	6,271	music wire	4F
T.127.125.0572.I	12,7	1,25	57,2	0,0500	155,6	5,429	stainless steel	4G
T.127.125.0635.A	12,7	1,25	63,5	0,0495	178,4	6,271	music wire	4F
T.127.125.0635.I	12,7	1,25	63,5	0,0425	179,3	5,429	stainless steel	4G
T.127.125.0698.A	12,7	1,25	69,8	0,0430	202,0	6,271	music wire	4F
T.127.125.0698.I	12,7	1,25	69,8	0,0369	203,0	5,429	stainless steel	4G
T.127.125.0700.A	12,7	1,25	70,0	0,0428	202,7	6,271	music wire	4F
T.127.125.0700.I	12,7	1,25	70,0	0,0368	203,8	5,429	stainless steel	4G
T.127.125.0713.A	12,7	1,25	71,3	0,0417	207,6	6,271	music wire	4F
T.127.125.0713.I	12,7	1,25	71,3	0,0358	208,7	5,429	stainless steel	4G
T.127.125.0760.A	12,7	1,25	76,0	0,0381	225,2	6,271	music wire	4F
T.127.125.0760.I	12,7	1,25	76,0	0,0327	226,4	5,429	stainless steel	4G
T.127.125.0762.A	12,7	1,25	76,2	0,0380	225,9	6,271	music wire	4F
T.127.125.0762.I	12,7	1,25	76,2	0,0326	227,1	5,429	stainless steel	4G
T.127.125.0889.A	12,7	1,25	88,9	0,0308	273,5	6,271	music wire	4G
T.127.125.0889.I	12,7	1,25	88,9	0,0265	275,0	5,429	stainless steel	4G
T.127.125.0890.A	12,7	1,25	89,0	0,0308	273,9	6,271	music wire	4G
T.127.125.0890.I	12,7	1,25	89,0	0,0264	275,4	5,429	stainless steel	4G
T.127.125.0963.A	12,7	1,25	96,3	0,0277	301,2	6,271	music wire	4G
T.127.125.0963.I	12,7	1,25	96,3	0,0238	302,9	5,429	stainless steel	4G
T.127.125.1016.A	12,7	1,25	101,6	0,0259	321,1	6,271	music wire	4G
T.127.125.1016.I	12,7	1,25	101,6	0,0223	322,8	5,429	stainless steel	4G
T.127.125.1143.A	12,7	1,25	114,3	0,0224	368,6	6,271	music wire	4G
T.127.125.1143.I	12,7	1,25	114,3	0,0192	370,7	5,429	stainless steel	4G
T.127.125.1150.A	12,7	1,25	115,0	0,0222	371,3	6,271	music wire	4G
T.127.125.1150.I	12,7	1,25	115,0	0,0191	373,3	5,429	stainless steel	4G
T.127.125.1210.A	12,7	1,25	121,0	0,0208	393,7	6,271	music wire	4G
T.127.125.1210.I	12,7	1,25	121,0	0,0179	395,9	5,429	stainless steel	4G
T.127.125.1270.A	12,7	1,25	127,0	0,0197	416,2	6,271	music wire	4G
T.127.125.1270.I	12,7	1,25	127,0	0,0169	418,5	5,429	stainless steel	4G
T.127.125.1460.A	12,7	1,25	146,0	0,0167	487,3	6,271	music wire	4G
T.127.125.1460.I	12,7	1,25	146,0	0,0143	490,1	5,429	stainless steel	4G
T.127.140.0318.A	12,7	1,40	31,8	0,3582	53,3	8,594	music wire	4G
T.127.140.0318.I	12,7	1,40	31,8	0,3077	53,5	7,465	stainless steel	4H
T.127.140.0320.A	12,7	1,40	32,0	0,3516	53,9	8,594	music wire	4G
T.127.140.0320.I	12,7	1,40	32,0	0,3020	54,1	7,465	stainless steel	4H
T.127.140.0348.A	12,7	1,40	34,8	0,2792	62,4	8,594	music wire	4G
T.127.140.0348.I	12,7	1,40	34,8	0,2398	62,7	7,465	stainless steel	4H
T.127.140.0350.A	12,7	1,40	35,0	0,2752	63,0	8,594	music wire	4G
T.127.140.0350.I	12,7	1,40	35,0	0,2363	63,3	7,465	stainless steel	4H
T.127.140.0380.A	12,7	1,40	38,0	0,2260	72,0	8,594	music wire	4G
T.127.140.0380.I	12,7	1,40	38,0	0,1941	72,4	7,465	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.140.0381.A	12,7	1,40	38,1	0,2247	72,3	8,594	music wire	4G
T.127.140.0381.I	12,7	1,40	38,1	0,1930	72,7	7,465	stainless steel	4H
T.127.140.0410.A	12,7	1,40	41,0	0,1918	81,1	8,594	music wire	4G
T.127.140.0410.I	12,7	1,40	41,0	0,1647	81,6	7,465	stainless steel	4H
T.127.140.0444.A	12,7	1,40	44,4	0,1637	91,4	8,594	music wire	4G
T.127.140.0444.I	12,7	1,40	44,4	0,1406	91,9	7,465	stainless steel	4H
T.127.140.0450.A	12,7	1,40	45,0	0,1596	93,2	8,594	music wire	4G
T.127.140.0450.I	12,7	1,40	45,0	0,1370	93,8	7,465	stainless steel	4H
T.127.140.0480.A	12,7	1,40	48,0	0,1417	102,3	8,594	music wire	4G
T.127.140.0480.I	12,7	1,40	48,0	0,1217	102,9	7,465	stainless steel	4H
T.127.140.0500.A	12,7	1,40	50,0	0,1319	108,4	8,594	music wire	4H
T.127.140.0500.I	12,7	1,40	50,0	0,1132	109,0	7,465	stainless steel	4H
T.127.140.0508.A	12,7	1,40	50,8	0,1283	110,8	8,594	music wire	4H
T.127.140.0508.I	12,7	1,40	50,8	0,1100	111,5	7,465	stainless steel	4H
T.127.140.0540.A	12,7	1,40	54,0	0,1158	120,5	8,594	music wire	4H
T.127.140.0540.I	12,7	1,40	54,0	0,0994	121,2	7,465	stainless steel	4H
T.127.140.0550.A	12,7	1,40	55,0	0,1123	123,5	8,594	music wire	4H
T.127.140.0550.I	12,7	1,40	55,0	0,0965	124,3	7,465	stainless steel	4H
T.127.140.0570.A	12,7	1,40	57,0	0,1061	129,5	8,594	music wire	4H
T.127.140.0570.I	12,7	1,40	57,0	0,0911	130,4	7,465	stainless steel	4H
T.127.140.0572.A	12,7	1,40	57,2	0,1055	130,1	8,594	music wire	4H
T.127.140.0572.I	12,7	1,40	57,2	0,0906	131,0	7,465	stainless steel	4H
T.127.140.0590.A	12,7	1,40	59,0	0,1005	135,6	8,594	music wire	4H
T.127.140.0590.I	12,7	1,40	59,0	0,0863	136,5	7,465	stainless steel	4H
T.127.140.0600.A	12,7	1,40	60,0	0,0979	138,6	8,594	music wire	4H
T.127.140.0600.I	12,7	1,40	60,0	0,0841	139,5	7,465	stainless steel	4H
T.127.140.0610.A	12,7	1,40	61,0	0,0954	141,6	8,594	music wire	4H
T.127.140.0610.I	12,7	1,40	61,0	0,0819	142,6	7,465	stainless steel	4H
T.127.140.0635.A	12,7	1,40	63,5	0,0900	149,2	8,594	music wire	4H
T.127.140.0635.I	12,7	1,40	63,5	0,0771	150,2	7,465	stainless steel	4H
T.127.140.0640.A	12,7	1,40	64,0	0,0887	150,7	8,594	music wire	4H
T.127.140.0640.I	12,7	1,40	64,0	0,0762	151,7	7,465	stainless steel	4H
T.127.140.0698.A	12,7	1,40	69,8	0,0781	168,3	8,594	music wire	4H
T.127.140.0698.I	12,7	1,40	69,8	0,0671	169,4	7,465	stainless steel	4H
T.127.140.0700.A	12,7	1,40	70,0	0,0778	168,9	8,594	music wire	4H
T.127.140.0700.I	12,7	1,40	70,0	0,0668	170,0	7,465	stainless steel	4H
T.127.140.0750.A	12,7	1,40	75,0	0,0706	184,0	8,594	music wire	4H
T.127.140.0750.I	12,7	1,40	75,0	0,0606	185,2	7,465	stainless steel	4I
T.127.140.0760.A	12,7	1,40	76,0	0,0693	187,0	8,594	music wire	4H
T.127.140.0760.I	12,7	1,40	76,0	0,0595	188,3	7,465	stainless steel	4I
T.127.140.0762.A	12,7	1,40	76,2	0,0690	187,6	8,594	music wire	4H
T.127.140.0762.I	12,7	1,40	76,2	0,0593	188,9	7,465	stainless steel	4I
T.127.140.0870.A	12,7	1,40	87,0	0,0577	220,3	8,594	music wire	4H
T.127.140.0870.I	12,7	1,40	87,0	0,0496	221,8	7,465	stainless steel	4I
T.127.140.0889.A	12,7	1,40	88,9	0,0561	226,1	8,594	music wire	4H
T.127.140.0889.I	12,7	1,40	88,9	0,0482	227,6	7,465	stainless steel	4I
T.127.140.0890.A	12,7	1,40	89,0	0,0560	226,4	8,594	music wire	4H
T.127.140.0890.I	12,7	1,40	89,0	0,0481	227,9	7,465	stainless steel	4I
T.127.140.0950.A	12,7	1,40	95,0	0,0515	244,5	8,594	music wire	4H
T.127.140.0950.I	12,7	1,40	95,0	0,0442	246,2	7,465	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.140.0980.A	12,7	1,40	98,0	0,0494	253,6	8,594	music wire	4H
T.127.140.0980.I	12,7	1,40	98,0	0,0425	255,4	7,465	stainless steel	4I
T.127.140.1016.A	12,7	1,40	101,6	0,0472	264,5	8,594	music wire	4H
T.127.140.1016.I	12,7	1,40	101,6	0,0406	266,3	7,465	stainless steel	4I
T.127.140.1020.A	12,7	1,40	102,0	0,0470	265,7	8,594	music wire	4H
T.127.140.1020.I	12,7	1,40	102,0	0,0404	267,6	7,465	stainless steel	4I
T.127.140.1090.A	12,7	1,40	109,0	0,0432	286,9	8,594	music wire	4H
T.127.140.1090.I	12,7	1,40	109,0	0,0371	288,9	7,465	stainless steel	4I
T.127.140.1143.A	12,7	1,40	114,3	0,0408	302,9	8,594	music wire	4I
T.127.140.1143.I	12,7	1,40	114,3	0,0350	305,1	7,465	stainless steel	4I
T.127.140.1150.A	12,7	1,40	115,0	0,0405	305,1	8,594	music wire	4I
T.127.140.1150.I	12,7	1,40	115,0	0,0348	307,2	7,465	stainless steel	4I
T.127.140.1200.A	12,7	1,40	120,0	0,0384	320,2	8,594	music wire	4I
T.127.140.1200.I	12,7	1,40	120,0	0,0330	322,4	7,465	stainless steel	4I
T.127.140.1270.A	12,7	1,40	127,0	0,0359	341,4	8,594	music wire	4I
T.127.140.1270.I	12,7	1,40	127,0	0,0308	343,8	7,465	stainless steel	4I
T.127.140.1400.A	12,7	1,40	140,0	0,0320	380,7	8,594	music wire	4I
T.127.140.1400.I	12,7	1,40	140,0	0,0275	383,4	7,465	stainless steel	4I
T.127.140.1650.A	12,7	1,40	165,0	0,0264	456,4	8,594	music wire	4I
T.127.140.1650.I	12,7	1,40	165,0	0,0227	459,7	7,465	stainless steel	4I
T.127.140.2150.A	12,7	1,40	215,0	0,0196	607,7	8,594	music wire	4I
T.127.140.2150.I	12,7	1,40	215,0	0,0168	612,1	7,465	stainless steel	4I
T.127.140.4060.A	12,7	1,40	406,0	0,0099	1185,7	8,594	music wire	4I
T.127.140.4060.I	12,7	1,40	406,0	0,0085	1194,5	7,465	stainless steel	4J
T.127.150.0600.A	12,7	1,50	60,0	0,1408	125,6	10,404	music wire	4I
T.127.150.0600.I	12,7	1,50	60,0	0,1210	126,5	9,055	stainless steel	4I
T.127.150.1150.A	12,7	1,50	115,0	0,0585	273,0	10,404	music wire	4I
T.127.150.1150.I	12,7	1,50	115,0	0,0503	275,1	9,055	stainless steel	4I
T.127.150.1520.A	12,7	1,50	152,0	0,0420	372,1	10,404	music wire	4I
T.127.150.1520.I	12,7	1,50	152,0	0,0361	375,0	9,055	stainless steel	4I
T.127.160.0318.A	12,7	1,60	31,8	0,6974	47,5	12,434	music wire	4I
T.127.160.0318.I	12,7	1,60	31,8	0,6000	47,8	10,842	stainless steel	4I
T.127.160.0320.A	12,7	1,60	32,0	0,6852	48,0	12,434	music wire	4I
T.127.160.0320.I	12,7	1,60	32,0	0,5885	48,3	10,842	stainless steel	4I
T.127.160.0330.A	12,7	1,60	33,0	0,6299	50,4	12,434	music wire	4I
T.127.160.0330.I	12,7	1,60	33,0	0,5410	50,7	10,842	stainless steel	4I
T.127.160.0348.A	12,7	1,60	34,8	0,5501	54,7	12,434	music wire	4I
T.127.160.0348.I	12,7	1,60	34,8	0,4724	55,0	10,842	stainless steel	4I
T.127.160.0350.A	12,7	1,60	35,0	0,5424	55,2	12,434	music wire	4I
T.127.160.0350.I	12,7	1,60	35,0	0,4659	55,5	10,842	stainless steel	4I
T.127.160.0380.A	12,7	1,60	38,0	0,4489	62,4	12,434	music wire	4I
T.127.160.0380.I	12,7	1,60	38,0	0,3856	62,8	10,842	stainless steel	4I
T.127.160.0381.A	12,7	1,60	38,1	0,4463	62,7	12,434	music wire	4I
T.127.160.0381.I	12,7	1,60	38,1	0,3834	63,1	10,842	stainless steel	4I
T.127.160.0410.A	12,7	1,60	41,0	0,3829	69,6	12,434	music wire	4I
T.127.160.0410.I	12,7	1,60	41,0	0,3289	70,1	10,842	stainless steel	4I
T.127.160.0444.A	12,7	1,60	44,4	0,3282	77,8	12,434	music wire	4I
T.127.160.0444.I	12,7	1,60	44,4	0,2819	78,3	10,842	stainless steel	4I
T.127.160.0450.A	12,7	1,60	45,0	0,3201	79,3	12,434	music wire	4I
T.127.160.0450.I	12,7	1,60	45,0	0,2749	79,8	10,842	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.160.0480.A	12,7	1,60	48,0	0,2851	86,5	12,434	music wire	41
T.127.160.0480.I	12,7	1,60	48,0	0,2448	87,1	10,842	stainless steel	41
T.127.160.0500.A	12,7	1,60	50,0	0,2657	91,3	12,434	music wire	41
T.127.160.0500.I	12,7	1,60	50,0	0,2282	91,9	10,842	stainless steel	41
T.127.160.0508.A	12,7	1,60	50,8	0,2586	93,2	12,434	music wire	41
T.127.160.0508.I	12,7	1,60	50,8	0,2221	93,9	10,842	stainless steel	41
T.127.160.0540.A	12,7	1,60	54,0	0,2339	100,9	12,434	music wire	41
T.127.160.0540.I	12,7	1,60	54,0	0,2009	101,6	10,842	stainless steel	41
T.127.160.0570.A	12,7	1,60	57,0	0,2146	108,1	12,434	music wire	41
T.127.160.0570.I	12,7	1,60	57,0	0,1843	108,9	10,842	stainless steel	41
T.127.160.0572.A	12,7	1,60	57,2	0,2134	108,6	12,434	music wire	41
T.127.160.0572.I	12,7	1,60	57,2	0,1833	109,4	10,842	stainless steel	41
T.127.160.0635.A	12,7	1,60	63,5	0,1821	123,7	12,434	music wire	41
T.127.160.0635.I	12,7	1,60	63,5	0,1564	124,7	10,842	stainless steel	41
T.127.160.0680.A	12,7	1,60	68,0	0,1648	134,6	12,434	music wire	41
T.127.160.0680.I	12,7	1,60	68,0	0,1415	135,6	10,842	stainless steel	41
T.127.160.0698.A	12,7	1,60	69,8	0,1588	138,9	12,434	music wire	41
T.127.160.0698.I	12,7	1,60	69,8	0,1364	140,0	10,842	stainless steel	41
T.127.160.0700.A	12,7	1,60	70,0	0,1581	139,4	12,434	music wire	41
T.127.160.0700.I	12,7	1,60	70,0	0,1358	140,4	10,842	stainless steel	41
T.127.160.0760.A	12,7	1,60	76,0	0,1410	153,8	12,434	music wire	41
T.127.160.0760.I	12,7	1,60	76,0	0,1211	155,0	10,842	stainless steel	41
T.127.160.0762.A	12,7	1,60	76,2	0,1405	154,3	12,434	music wire	41
T.127.160.0762.I	12,7	1,60	76,2	0,1207	155,5	10,842	stainless steel	41
T.127.160.0810.A	12,7	1,60	81,0	0,1293	165,8	12,434	music wire	41
T.127.160.0810.I	12,7	1,60	81,0	0,1111	167,1	10,842	stainless steel	41
T.127.160.0830.A	12,7	1,60	83,0	0,1252	170,6	12,434	music wire	41
T.127.160.0830.I	12,7	1,60	83,0	0,1075	172,0	10,842	stainless steel	41
T.127.160.0889.A	12,7	1,60	88,9	0,1144	184,8	12,434	music wire	41
T.127.160.0889.I	12,7	1,60	88,9	0,0982	186,3	10,842	stainless steel	41
T.127.160.0890.A	12,7	1,60	89,0	0,1142	185,1	12,434	music wire	41
T.127.160.0890.I	12,7	1,60	89,0	0,0981	186,5	10,842	stainless steel	41
T.127.160.0920.A	12,7	1,60	92,0	0,1094	192,3	12,434	music wire	41
T.127.160.0920.I	12,7	1,60	92,0	0,0940	193,8	10,842	stainless steel	41
T.127.160.1000.A	12,7	1,60	100,0	0,0984	211,5	12,434	music wire	41
T.127.160.1000.I	12,7	1,60	100,0	0,0845	213,2	10,842	stainless steel	41
T.127.160.1016.A	12,7	1,60	101,6	0,0964	215,4	12,434	music wire	41
T.127.160.1016.I	12,7	1,60	101,6	0,0828	217,1	10,842	stainless steel	41
T.127.160.1100.A	12,7	1,60	110,0	0,0874	235,6	12,434	music wire	41
T.127.160.1100.I	12,7	1,60	110,0	0,0750	237,5	10,842	stainless steel	41
T.127.160.1110.A	12,7	1,60	111,0	0,0864	238,0	12,434	music wire	41
T.127.160.1110.I	12,7	1,60	111,0	0,0742	239,9	10,842	stainless steel	41
T.127.160.1150.A	12,7	1,60	115,0	0,0827	247,6	12,434	music wire	41
T.127.160.1150.I	12,7	1,60	115,0	0,0711	249,6	10,842	stainless steel	41
T.127.160.1200.A	12,7	1,60	120,0	0,0786	259,6	12,434	music wire	41
T.127.160.1200.I	12,7	1,60	120,0	0,0675	261,7	10,842	stainless steel	41
T.127.160.1240.A	12,7	1,60	124,0	0,0755	269,2	12,434	music wire	41
T.127.160.1240.I	12,7	1,60	124,0	0,0649	271,4	10,842	stainless steel	41
T.127.160.1270.A	12,7	1,60	127,0	0,0734	276,4	12,434	music wire	41
T.127.160.1270.I	12,7	1,60	127,0	0,0631	278,7	10,842	stainless steel	41

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.160.1390.A	12,7	1,60	139,0	0,0660	305,3	12,434	music wire	4I
T.127.160.1390.I	12,7	1,60	139,0	0,0567	307,8	10,842	stainless steel	4I
T.127.160.1520.A	12,7	1,60	152,0	0,0594	336,5	12,434	music wire	4I
T.127.160.1520.I	12,7	1,60	152,0	0,0511	339,4	10,842	stainless steel	4I
T.127.160.1680.A	12,7	1,60	168,0	0,0530	375,0	12,434	music wire	4I
T.127.160.1680.I	12,7	1,60	168,0	0,0455	378,2	10,842	stainless steel	4I
T.127.160.1750.A	12,7	1,60	175,0	0,0506	391,8	12,434	music wire	4I
T.127.160.1750.I	12,7	1,60	175,0	0,0435	395,2	10,842	stainless steel	4I
T.127.160.2000.A	12,7	1,60	200,0	0,0435	451,9	12,434	music wire	4I
T.127.160.2000.I	12,7	1,60	200,0	0,0374	455,8	10,842	stainless steel	4I
T.127.160.2410.A	12,7	1,60	241,0	0,0354	550,5	12,434	music wire	4I
T.127.160.2410.I	12,7	1,60	241,0	0,0304	555,3	10,842	stainless steel	4I
T.127.160.2480.A	12,7	1,60	248,0	0,0343	567,4	12,434	music wire	4I
T.127.160.2480.I	12,7	1,60	248,0	0,0295	572,2	10,842	stainless steel	4I
T.127.160.3050.A	12,7	1,60	305,0	0,0275	704,4	12,434	music wire	4I
T.127.160.3050.I	12,7	1,60	305,0	0,0236	710,5	10,842	stainless steel	4J
T.127.170.0320.A	12,7	1,70	32,0	0,9289	45,9	14,690	music wire	4I
T.127.170.0320.I	12,7	1,70	32,0	0,8000	46,1	12,834	stainless steel	4I
T.127.170.0380.A	12,7	1,70	38,0	0,6140	59,0	14,690	music wire	4I
T.127.170.0380.I	12,7	1,70	38,0	0,5274	59,3	12,834	stainless steel	4I
T.127.170.0450.A	12,7	1,70	45,0	0,4400	74,3	14,690	music wire	4I
T.127.170.0450.I	12,7	1,70	45,0	0,3779	74,8	12,834	stainless steel	4I
T.127.170.0500.A	12,7	1,70	50,0	0,3659	85,2	14,690	music wire	4I
T.127.170.0500.I	12,7	1,70	50,0	0,3143	85,8	12,834	stainless steel	4I
T.127.170.0570.A	12,7	1,70	57,0	0,2961	100,5	14,690	music wire	4I
T.127.170.0570.I	12,7	1,70	57,0	0,2543	101,2	12,834	stainless steel	4I
T.127.170.0640.A	12,7	1,70	64,0	0,2487	115,8	14,690	music wire	4I
T.127.170.0640.I	12,7	1,70	64,0	0,2136	116,7	12,834	stainless steel	4I
T.127.170.0700.A	12,7	1,70	70,0	0,2187	128,9	14,690	music wire	4I
T.127.170.0700.I	12,7	1,70	70,0	0,1878	129,9	12,834	stainless steel	4I
T.127.170.0760.A	12,7	1,70	76,0	0,1951	142,0	14,690	music wire	4I
T.127.170.0760.I	12,7	1,70	76,0	0,1676	143,1	12,834	stainless steel	4I
T.127.170.0890.A	12,7	1,70	89,0	0,1582	170,4	14,690	music wire	4I
T.127.170.0890.I	12,7	1,70	89,0	0,1359	171,8	12,834	stainless steel	4I
T.127.170.1020.A	12,7	1,70	102,0	0,1330	198,8	14,690	music wire	4I
T.127.170.1020.I	12,7	1,70	102,0	0,1142	200,4	12,834	stainless steel	4I
T.127.170.1150.A	12,7	1,70	115,0	0,1148	227,2	14,690	music wire	4I
T.127.170.1150.I	12,7	1,70	115,0	0,0986	229,1	12,834	stainless steel	4I
T.127.170.1270.A	12,7	1,70	127,0	0,1019	253,4	14,690	music wire	4I
T.127.170.1270.I	12,7	1,70	127,0	0,0875	255,6	12,834	stainless steel	4I
T.127.175.0318.A	12,7	1,75	31,8	1,0932	44,5	15,906	music wire	4I
T.127.175.0318.I	12,7	1,75	31,8	0,9389	44,7	13,909	stainless steel	4I
T.127.175.0320.A	12,7	1,75	32,0	1,0747	44,9	15,906	music wire	4I
T.127.175.0320.I	12,7	1,75	32,0	0,9231	45,2	13,909	stainless steel	4I
T.127.175.0348.A	12,7	1,75	34,8	0,8693	50,8	15,906	music wire	4I
T.127.175.0348.I	12,7	1,75	34,8	0,7467	51,1	13,909	stainless steel	4I
T.127.175.0350.A	12,7	1,75	35,0	0,8576	51,2	15,906	music wire	4I
T.127.175.0350.I	12,7	1,75	35,0	0,7366	51,5	13,909	stainless steel	4I
T.127.175.0380.A	12,7	1,75	38,0	0,7135	57,5	15,906	music wire	4I
T.127.175.0380.I	12,7	1,75	38,0	0,6128	57,8	13,909	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.175.0381.A	12,7	1,75	38,1	0,7100	57,7	15,906	music wire	4I
T.127.175.0381.I	12,7	1,75	38,1	0,6100	58,0	13,909	stainless steel	4I
T.127.175.0444.A	12,7	1,75	44,4	0,5252	70,9	15,906	music wire	4I
T.127.175.0444.I	12,7	1,75	44,4	0,4511	71,3	13,909	stainless steel	4I
T.127.175.0450.A	12,7	1,75	45,0	0,5125	72,1	15,906	music wire	4I
T.127.175.0450.I	12,7	1,75	45,0	0,4402	72,6	13,909	stainless steel	4I
T.127.175.0500.A	12,7	1,75	50,0	0,4266	82,6	15,906	music wire	4I
T.127.175.0500.I	12,7	1,75	50,0	0,3664	83,2	13,909	stainless steel	4I
T.127.175.0508.A	12,7	1,75	50,8	0,4155	84,2	15,906	music wire	4I
T.127.175.0508.I	12,7	1,75	50,8	0,3569	84,8	13,909	stainless steel	4I
T.127.175.0570.A	12,7	1,75	57,0	0,3456	97,2	15,906	music wire	4I
T.127.175.0570.I	12,7	1,75	57,0	0,2968	97,9	13,909	stainless steel	4I
T.127.175.0572.A	12,7	1,75	57,2	0,3437	97,6	15,906	music wire	4I
T.127.175.0572.I	12,7	1,75	57,2	0,2952	98,4	13,909	stainless steel	4I
T.127.175.0635.A	12,7	1,75	63,5	0,2938	110,8	15,906	music wire	4I
T.127.175.0635.I	12,7	1,75	63,5	0,2523	111,7	13,909	stainless steel	4I
T.127.175.0640.A	12,7	1,75	64,0	0,2904	111,8	15,906	music wire	4I
T.127.175.0640.I	12,7	1,75	64,0	0,2495	112,7	13,909	stainless steel	4I
T.127.175.0698.A	12,7	1,75	69,8	0,2565	124,0	15,906	music wire	4I
T.127.175.0698.I	12,7	1,75	69,8	0,2203	124,9	13,909	stainless steel	4I
T.127.175.0700.A	12,7	1,75	70,0	0,2555	124,4	15,906	music wire	4I
T.127.175.0700.I	12,7	1,75	70,0	0,2194	125,4	13,909	stainless steel	4I
T.127.175.0762.A	12,7	1,75	76,2	0,2272	137,4	15,906	music wire	4I
T.127.175.0762.I	12,7	1,75	76,2	0,1952	138,5	13,909	stainless steel	4I
T.127.175.0889.A	12,7	1,75	88,9	0,1852	163,9	15,906	music wire	4I
T.127.175.0889.I	12,7	1,75	88,9	0,1591	165,3	13,909	stainless steel	4I
T.127.175.0890.A	12,7	1,75	89,0	0,1850	164,1	15,906	music wire	4I
T.127.175.0890.I	12,7	1,75	89,0	0,1589	165,5	13,909	stainless steel	4I
T.127.175.1016.A	12,7	1,75	101,6	0,1564	190,5	15,906	music wire	4I
T.127.175.1016.I	12,7	1,75	101,6	0,1343	192,1	13,909	stainless steel	4I
T.127.175.1143.A	12,7	1,75	114,3	0,1353	217,0	15,906	music wire	4I
T.127.175.1143.I	12,7	1,75	114,3	0,1162	218,9	13,909	stainless steel	4I
T.127.175.1150.A	12,7	1,75	115,0	0,1343	218,5	15,906	music wire	4I
T.127.175.1150.I	12,7	1,75	115,0	0,1153	220,4	13,909	stainless steel	4I
T.127.175.1270.A	12,7	1,75	127,0	0,1192	243,6	15,906	music wire	4I
T.127.175.1270.I	12,7	1,75	127,0	0,1024	245,7	13,909	stainless steel	4I
T.127.180.0850.A	12,7	1,80	85,0	0,2287	150,4	17,182	music wire	4I
T.127.180.0850.I	12,7	1,80	85,0	0,1964	151,7	15,037	stainless steel	4J
T.127.180.1060.A	12,7	1,80	106,0	0,1728	192,6	17,182	music wire	4J
T.127.180.1060.I	12,7	1,80	106,0	0,1485	194,2	15,037	stainless steel	4J
T.127.180.1080.A	12,7	1,80	108,0	0,1689	196,6	17,182	music wire	4J
T.127.180.1080.I	12,7	1,80	108,0	0,1451	198,3	15,037	stainless steel	4J
T.127.180.1200.A	12,7	1,80	120,0	0,1486	220,7	17,182	music wire	4J
T.127.180.1200.I	12,7	1,80	120,0	0,1277	222,6	15,037	stainless steel	4J
T.127.180.1270.A	12,7	1,80	127,0	0,1389	234,7	17,182	music wire	4J
T.127.180.1270.I	12,7	1,80	127,0	0,1193	236,7	15,037	stainless steel	4J
T.127.180.1450.A	12,7	1,80	145,0	0,1189	270,8	17,182	music wire	4J
T.127.180.1450.I	12,7	1,80	145,0	0,1021	273,2	15,037	stainless steel	4J
T.127.180.1780.A	12,7	1,80	178,0	0,0941	337,0	17,182	music wire	4J
T.127.180.1780.I	12,7	1,80	178,0	0,0808	340,0	15,037	stainless steel	4J



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.180.2380.A	12,7	1,80	238,0	0,0682	457,4	17,182	music wire	4J
T.127.180.2380.I	12,7	1,80	238,0	0,0586	461,6	15,037	stainless steel	4J
T.127.180.3370.A	12,7	1,80	337,0	0,0469	656,1	17,182	music wire	4J
T.127.180.3370.I	12,7	1,80	337,0	0,0403	662,1	15,037	stainless steel	4J
T.127.180.4150.A	12,7	1,80	415,0	0,0376	812,6	17,182	music wire	4K
T.127.180.4150.I	12,7	1,80	415,0	0,0323	820,1	15,037	stainless steel	4K
T.127.190.0318.A	12,7	1,90	31,8	1,6549	42,2	19,914	music wire	4I
T.127.190.0318.I	12,7	1,90	31,8	1,4214	42,4	17,459	stainless steel	4I
T.127.190.0320.A	12,7	1,90	32,0	1,6280	42,6	19,914	music wire	4I
T.127.190.0320.I	12,7	1,90	32,0	1,3983	42,8	17,459	stainless steel	4I
T.127.190.0348.A	12,7	1,90	34,8	1,3261	47,8	19,914	music wire	4I
T.127.190.0348.I	12,7	1,90	34,8	1,1390	48,1	17,459	stainless steel	4I
T.127.190.0350.A	12,7	1,90	35,0	1,3088	48,2	19,914	music wire	4I
T.127.190.0350.I	12,7	1,90	35,0	1,1241	48,4	17,459	stainless steel	4I
T.127.190.0380.A	12,7	1,90	38,0	1,0942	53,8	19,914	music wire	4I
T.127.190.0380.I	12,7	1,90	38,0	0,9398	54,1	17,459	stainless steel	4I
T.127.190.0381.A	12,7	1,90	38,1	1,0883	53,9	19,914	music wire	4I
T.127.190.0381.I	12,7	1,90	38,1	0,9347	54,3	17,459	stainless steel	4I
T.127.190.0444.A	12,7	1,90	44,4	0,8100	65,7	19,914	music wire	4I
T.127.190.0444.I	12,7	1,90	44,4	0,6963	66,1	17,459	stainless steel	4I
T.127.190.0450.A	12,7	1,90	45,0	0,7915	66,8	19,914	music wire	4I
T.127.190.0450.I	12,7	1,90	45,0	0,6798	67,2	17,459	stainless steel	4I
T.127.190.0500.A	12,7	1,90	50,0	0,6609	76,1	19,914	music wire	4I
T.127.190.0500.I	12,7	1,90	50,0	0,5676	76,6	17,459	stainless steel	4I
T.127.190.0508.A	12,7	1,90	50,8	0,6439	77,6	19,914	music wire	4I
T.127.190.0508.I	12,7	1,90	50,8	0,5530	78,1	17,459	stainless steel	4J
T.127.190.0570.A	12,7	1,90	57,0	0,5369	89,1	19,914	music wire	4I
T.127.190.0570.I	12,7	1,90	57,0	0,4611	89,8	17,459	stainless steel	4J
T.127.190.0572.A	12,7	1,90	57,2	0,5340	89,5	19,914	music wire	4I
T.127.190.0572.I	12,7	1,90	57,2	0,4586	90,1	17,459	stainless steel	4J
T.127.190.0635.A	12,7	1,90	63,5	0,4572	101,2	19,914	music wire	4I
T.127.190.0635.I	12,7	1,90	63,5	0,3927	102,0	17,459	stainless steel	4J
T.127.190.0640.A	12,7	1,90	64,0	0,4520	102,1	19,914	music wire	4I
T.127.190.0640.I	12,7	1,90	64,0	0,3882	102,9	17,459	stainless steel	4J
T.127.190.0698.A	12,7	1,90	69,8	0,4000	112,9	19,914	music wire	4I
T.127.190.0698.I	12,7	1,90	69,8	0,3433	113,8	17,459	stainless steel	4J
T.127.190.0700.A	12,7	1,90	70,0	0,3981	113,3	19,914	music wire	4I
T.127.190.0700.I	12,7	1,90	70,0	0,3419	114,2	17,459	stainless steel	4J
T.127.190.0760.A	12,7	1,90	76,0	0,3557	124,5	19,914	music wire	4I
T.127.190.0760.I	12,7	1,90	76,0	0,3055	125,5	17,459	stainless steel	4J
T.127.190.0762.A	12,7	1,90	76,2	0,3544	124,8	19,914	music wire	4I
T.127.190.0762.I	12,7	1,90	76,2	0,3044	125,8	17,459	stainless steel	4J
T.127.190.0889.A	12,7	1,90	88,9	0,2894	148,5	19,914	music wire	4I
T.127.190.0889.I	12,7	1,90	88,9	0,2485	149,7	17,459	stainless steel	4J
T.127.190.0890.A	12,7	1,90	89,0	0,2890	148,6	19,914	music wire	4I
T.127.190.0890.I	12,7	1,90	89,0	0,2482	149,9	17,459	stainless steel	4J
T.127.190.1016.A	12,7	1,90	101,6	0,2445	172,1	19,914	music wire	4J
T.127.190.1016.I	12,7	1,90	101,6	0,2100	173,6	17,459	stainless steel	4J
T.127.190.1020.A	12,7	1,90	102,0	0,2433	172,8	19,914	music wire	4J
T.127.190.1020.I	12,7	1,90	102,0	0,2090	174,3	17,459	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.127.190.1143.A	12,7	1,90	114,3	0,2117	195,7	19,914	music wire	4J
T.127.190.1143.I	12,7	1,90	114,3	0,1818	197,4	17,459	stainless steel	4J
T.127.190.1150.A	12,7	1,90	115,0	0,2100	197,0	19,914	music wire	4J
T.127.190.1150.I	12,7	1,90	115,0	0,1805	198,7	17,459	stainless steel	4J
T.127.190.1270.A	12,7	1,90	127,0	0,1866	219,3	19,914	music wire	4J
T.127.190.1270.I	12,7	1,90	127,0	0,1603	221,3	17,459	stainless steel	4J
T.127.190.1430.A	12,7	1,90	143,0	0,1624	249,1	19,914	music wire	4J
T.127.190.1430.I	12,7	1,90	143,0	0,1395	251,3	17,459	stainless steel	4J
T.127.190.1810.A	12,7	1,90	181,0	0,1241	319,8	19,914	music wire	4J
T.127.190.1810.I	12,7	1,90	181,0	0,1066	322,7	17,459	stainless steel	4J
T.127.200.0410.A	12,7	2,00	41,0	1,2320	57,0	22,894	music wire	4K
T.127.200.0410.I	12,7	2,00	41,0	1,0582	57,3	20,105	stainless steel	4L
T.127.200.0500.A	12,7	2,00	50,0	0,8697	72,6	22,894	music wire	4K
T.127.200.0500.I	12,7	2,00	50,0	0,7469	73,2	20,105	stainless steel	4L
T.127.200.0640.A	12,7	2,00	64,0	0,5967	97,0	22,894	music wire	4K
T.127.200.0640.I	12,7	2,00	64,0	0,5125	97,7	20,105	stainless steel	4L
T.127.200.1020.A	12,7	2,00	102,0	0,3222	163,1	22,894	music wire	4L
T.127.200.1020.I	12,7	2,00	102,0	0,2767	164,5	20,105	stainless steel	4L
T.127.200.1330.A	12,7	2,00	133,0	0,2343	217,1	22,894	music wire	4L
T.127.200.1330.I	12,7	2,00	133,0	0,2012	219,0	20,105	stainless steel	4L
T.127.200.1520.A	12,7	2,00	152,0	0,2007	250,1	22,894	music wire	4L
T.127.200.1520.I	12,7	2,00	152,0	0,1724	252,3	20,105	stainless steel	4L
T.127.210.1500.A	12,7	2,10	150,0	0,2669	233,7	26,126	music wire	4L
T.127.210.1500.I	12,7	2,10	150,0	0,2292	235,7	22,980	stainless steel	4L
T.127.225.0480.A	12,7	2,25	48,0	1,7540	63,2	31,454	music wire	4L
T.127.225.0480.I	12,7	2,25	48,0	1,5065	63,6	27,730	stainless steel	4L
T.127.230.0730.A	12,7	2,30	73,0	1,0696	99,4	33,360	music wire	4L
T.127.230.0730.I	12,7	2,30	73,0	0,9187	100,1	29,432	stainless steel	4L
T.127.230.0760.A	12,7	2,30	76,0	1,0138	103,8	33,360	music wire	4L
T.127.230.0760.I	12,7	2,30	76,0	0,8707	104,6	29,432	stainless steel	4L
T.127.230.1400.A	12,7	2,30	140,0	0,4798	198,8	33,360	music wire	4L
T.127.230.1400.I	12,7	2,30	140,0	0,4121	200,4	29,432	stainless steel	4L
T.130.085.0540.A	13,0	0,85	54,0	0,0083	293,6	2,076	music wire	4C
T.130.085.0540.I	13,0	0,85	54,0	0,0071	283,3	1,710	stainless steel	4D
T.130.085.0635.A	13,0	0,85	63,5	0,0063	377,8	2,076	music wire	4C
T.130.085.0635.I	13,0	0,85	63,5	0,0054	364,4	1,710	stainless steel	4D
T.130.085.0698.A	13,0	0,85	69,8	0,0054	433,5	2,076	music wire	4C
T.130.085.0698.I	13,0	0,85	69,8	0,0047	418,0	1,710	stainless steel	4D
T.130.085.0700.A	13,0	0,85	70,0	0,0054	435,7	2,076	music wire	4C
T.130.085.0700.I	13,0	0,85	70,0	0,0046	420,1	1,710	stainless steel	4D
T.130.085.0760.A	13,0	0,85	76,0	0,0048	488,4	2,076	music wire	4D
T.130.085.0760.I	13,0	0,85	76,0	0,0041	470,8	1,710	stainless steel	4D
T.130.085.0762.A	13,0	0,85	76,2	0,0048	490,6	2,076	music wire	4D
T.130.085.0762.I	13,0	0,85	76,2	0,0041	472,9	1,710	stainless steel	4D
T.130.085.0889.A	13,0	0,85	88,9	0,0039	602,8	2,076	music wire	4D
T.130.085.0889.I	13,0	0,85	88,9	0,0033	580,8	1,710	stainless steel	4D
T.130.085.0890.A	13,0	0,85	89,0	0,0038	603,6	2,076	music wire	4D
T.130.085.0890.I	13,0	0,85	89,0	0,0033	581,5	1,710	stainless steel	4D
T.130.085.1016.A	13,0	0,85	101,6	0,0032	714,9	2,076	music wire	4D
T.130.085.1016.I	13,0	0,85	101,6	0,0028	688,7	1,710	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.130.085.1020.A	13,0	0,85	102,0	0,0032	718,7	2,076	music wire	4D
T.130.085.1020.I	13,0	0,85	102,0	0,0028	692,3	1,710	stainless steel	4E
T.130.085.1143.A	13,0	0,85	114,3	0,0028	827,7	2,076	music wire	4D
T.130.085.1143.I	13,0	0,85	114,3	0,0024	797,2	1,710	stainless steel	4E
T.130.085.1150.A	13,0	0,85	115,0	0,0028	833,8	2,076	music wire	4D
T.130.085.1150.I	13,0	0,85	115,0	0,0024	803,0	1,710	stainless steel	4E
T.130.085.1240.A	13,0	0,85	124,0	0,0025	913,5	2,076	music wire	4D
T.130.085.1240.I	13,0	0,85	124,0	0,0022	879,8	1,710	stainless steel	4E
T.130.085.1520.A	13,0	0,85	152,0	0,0020	1161,1	2,076	music wire	4E
T.130.085.1520.I	13,0	0,85	152,0	0,0017	1117,9	1,710	stainless steel	4E
T.130.085.1650.A	13,0	0,85	165,0	0,0018	1276,2	2,076	music wire	4E
T.130.085.1650.I	13,0	0,85	165,0	0,0015	1228,7	1,710	stainless steel	4E
T.130.090.0480.A	13,0	0,90	48,0	0,0138	215,6	2,440	music wire	4E
T.130.090.0480.I	13,0	0,90	48,0	0,0118	208,5	2,012	stainless steel	4E
T.130.090.0485.A	13,0	0,90	48,5	0,0135	219,8	2,440	music wire	4E
T.130.090.0485.I	13,0	0,90	48,5	0,0116	212,6	2,012	stainless steel	4E
T.130.090.0550.A	13,0	0,90	55,0	0,0107	270,3	2,440	music wire	4E
T.130.090.0550.I	13,0	0,90	55,0	0,0092	261,2	2,012	stainless steel	4E
T.130.090.0592.A	13,0	0,90	59,2	0,0095	303,3	2,440	music wire	4E
T.130.090.0592.I	13,0	0,90	59,2	0,0081	293,0	2,012	stainless steel	4E
T.130.090.0670.A	13,0	0,90	67,0	0,0078	364,3	2,440	music wire	4E
T.130.090.0670.I	13,0	0,90	67,0	0,0067	351,7	2,012	stainless steel	4E
T.130.090.0760.A	13,0	0,90	76,0	0,0064	434,5	2,440	music wire	4E
T.130.090.0760.I	13,0	0,90	76,0	0,0055	419,3	2,012	stainless steel	4E
T.130.090.0826.A	13,0	0,90	82,6	0,0057	485,7	2,440	music wire	4E
T.130.090.0826.I	13,0	0,90	82,6	0,0049	468,7	2,012	stainless steel	4F
T.130.090.0830.A	13,0	0,90	83,0	0,0057	488,6	2,440	music wire	4E
T.130.090.0830.I	13,0	0,90	83,0	0,0049	471,4	2,012	stainless steel	4F
T.130.090.0850.A	13,0	0,90	85,0	0,0055	504,6	2,440	music wire	4E
T.130.090.0850.I	13,0	0,90	85,0	0,0047	486,9	2,012	stainless steel	4F
T.130.090.1050.A	13,0	0,90	105,0	0,0042	660,4	2,440	music wire	4E
T.130.090.1050.I	13,0	0,90	105,0	0,0036	637,0	2,012	stainless steel	4F
T.130.090.1500.A	13,0	0,90	150,0	0,0027	1011,3	2,440	music wire	4F
T.130.090.1500.I	13,0	0,90	150,0	0,0023	974,9	2,012	stainless steel	4G
T.130.090.3050.A	13,0	0,90	305,0	0,0012	2219,6	2,440	music wire	4H
T.130.090.3050.I	13,0	0,90	305,0	0,0010	2138,9	2,012	stainless steel	4H
T.130.100.0360.A	13,0	1,00	36,0	0,0454	103,6	3,284	music wire	4E
T.130.100.0360.I	13,0	1,00	36,0	0,0390	100,8	2,713	stainless steel	4E
T.130.100.0380.A	13,0	1,00	38,0	0,0393	116,0	3,284	music wire	4E
T.130.100.0380.I	13,0	1,00	38,0	0,0338	112,8	2,713	stainless steel	4E
T.130.100.0420.A	13,0	1,00	42,0	0,0310	140,8	3,284	music wire	4E
T.130.100.0420.I	13,0	1,00	42,0	0,0267	136,7	2,713	stainless steel	4E
T.130.100.0520.A	13,0	1,00	52,0	0,0203	202,8	3,284	music wire	4E
T.130.100.0520.I	13,0	1,00	52,0	0,0175	196,6	2,713	stainless steel	4E
T.130.100.0592.A	13,0	1,00	59,2	0,0163	247,4	3,284	music wire	4E
T.130.100.0592.I	13,0	1,00	59,2	0,0140	239,7	2,713	stainless steel	4E
T.130.100.0630.A	13,0	1,00	63,0	0,0147	271,0	3,284	music wire	4E
T.130.100.0630.I	13,0	1,00	63,0	0,0127	262,4	2,713	stainless steel	4E
T.130.100.0700.A	13,0	1,00	70,0	0,0125	314,3	3,284	music wire	4E
T.130.100.0700.I	13,0	1,00	70,0	0,0108	304,3	2,713	stainless steel	4E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.130.100.0760.A	13,0	1,00	76,0	0,0111	351,5	3,284	music wire	4E
T.130.100.0760.I	13,0	1,00	76,0	0,0096	340,2	2,713	stainless steel	4F
T.130.100.0830.A	13,0	1,00	83,0	0,0098	394,9	3,284	music wire	4E
T.130.100.0830.I	13,0	1,00	83,0	0,0084	382,1	2,713	stainless steel	4F
T.130.100.0908.A	13,0	1,00	90,8	0,0087	443,3	3,284	music wire	4E
T.130.100.0908.I	13,0	1,00	90,8	0,0075	428,8	2,713	stainless steel	4F
T.130.100.0950.A	13,0	1,00	95,0	0,0082	469,3	3,284	music wire	4E
T.130.100.0950.I	13,0	1,00	95,0	0,0070	454,0	2,713	stainless steel	4F
T.130.100.1080.A	13,0	1,00	108,0	0,0069	549,9	3,284	music wire	4F
T.130.100.1080.I	13,0	1,00	108,0	0,0060	531,8	2,713	stainless steel	4F
T.130.100.1100.A	13,0	1,00	110,0	0,0068	562,3	3,284	music wire	4F
T.130.100.1100.I	13,0	1,00	110,0	0,0058	543,7	2,713	stainless steel	4F
T.130.100.1520.A	13,0	1,00	152,0	0,0046	822,7	3,284	music wire	4F
T.130.100.1520.I	13,0	1,00	152,0	0,0039	795,1	2,713	stainless steel	4G
T.130.100.1750.A	13,0	1,00	175,0	0,0039	965,2	3,284	music wire	4G
T.130.100.1750.I	13,0	1,00	175,0	0,0033	932,8	2,713	stainless steel	4G
T.130.100.1780.A	13,0	1,00	178,0	0,0038	983,8	3,284	music wire	4G
T.130.100.1780.I	13,0	1,00	178,0	0,0033	950,8	2,713	stainless steel	4G
T.130.100.2030.A	13,0	1,00	203,0	0,0033	1138,8	3,284	music wire	4G
T.130.100.2030.I	13,0	1,00	203,0	0,0028	1100,4	2,713	stainless steel	4G
T.130.100.2900.A	13,0	1,00	290,0	0,0022	1678,1	3,284	music wire	4G
T.130.100.2900.I	13,0	1,00	290,0	0,0019	1621,1	2,713	stainless steel	4H
T.130.110.0410.A	13,0	1,10	41,0	0,0533	115,3	4,294	music wire	4F
T.130.110.0410.I	13,0	1,10	41,0	0,0458	112,3	3,553	stainless steel	4F
T.130.110.0480.A	13,0	1,10	48,0	0,0385	150,9	4,294	music wire	4F
T.130.110.0480.I	13,0	1,10	48,0	0,0331	146,8	3,553	stainless steel	4F
T.130.110.0700.A	13,0	1,10	70,0	0,0206	262,5	4,294	music wire	4F
T.130.110.0700.I	13,0	1,10	70,0	0,0177	254,8	3,553	stainless steel	4G
T.130.110.0760.A	13,0	1,10	76,0	0,0182	293,1	4,294	music wire	4F
T.130.110.0760.I	13,0	1,10	76,0	0,0157	284,4	3,553	stainless steel	4G
T.130.110.0980.A	13,0	1,10	98,0	0,0129	404,6	4,294	music wire	4G
T.130.110.0980.I	13,0	1,10	98,0	0,0111	392,4	3,553	stainless steel	4G
T.130.110.1397.A	13,0	1,10	139,7	0,0083	615,9	4,294	music wire	4G
T.130.110.1397.I	13,0	1,10	139,7	0,0071	596,9	3,553	stainless steel	4G
T.130.110.1500.A	13,0	1,10	150,0	0,0077	667,8	4,294	music wire	4G
T.130.110.1500.I	13,0	1,10	150,0	0,0066	647,2	3,553	stainless steel	4G
T.130.110.1524.A	13,0	1,10	152,4	0,0075	680,1	4,294	music wire	4G
T.130.110.1524.I	13,0	1,10	152,4	0,0064	659,0	3,553	stainless steel	4G
T.130.110.2030.A	13,0	1,10	203,0	0,0054	936,6	4,294	music wire	4G
T.130.110.2030.I	13,0	1,10	203,0	0,0046	907,3	3,553	stainless steel	4H
T.130.110.2290.A	13,0	1,10	229,0	0,0047	1068,2	4,294	music wire	4H
T.130.110.2290.I	13,0	1,10	229,0	0,0041	1034,7	3,553	stainless steel	4H
T.130.112.0480.A	13,0	1,12	48,0	0,0423	146,3	4,517	music wire	4F
T.130.112.0480.I	13,0	1,12	48,0	0,0363	142,4	3,739	stainless steel	4F
T.130.112.1520.A	13,0	1,12	152,0	0,0083	654,4	4,517	music wire	4G
T.130.112.1520.I	13,0	1,12	152,0	0,0071	634,4	3,739	stainless steel	4G
T.130.120.0302.A	13,0	1,20	30,2	0,1978	55,5	5,472	music wire	4F
T.130.120.0302.I	13,0	1,20	30,2	0,1699	55,6	4,732	stainless steel	4F
T.130.120.0360.A	13,0	1,20	36,0	0,1138	80,0	5,482	music wire	4F
T.130.120.0360.I	13,0	1,20	36,0	0,0977	78,3	4,543	stainless steel	4F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.130.120.0370.A	13,0	1,20	37,0	0,1054	84,5	5,482	music wire	4F
T.130.120.0370.I	13,0	1,20	37,0	0,0905	82,7	4,543	stainless steel	4F
T.130.120.0374.A	13,0	1,20	37,4	0,1029	86,0	5,472	music wire	4F
T.130.120.0374.I	13,0	1,20	37,4	0,0883	86,3	4,732	stainless steel	4F
T.130.120.0380.A	13,0	1,20	38,0	0,0989	88,6	5,482	music wire	4F
T.130.120.0380.I	13,0	1,20	38,0	0,0849	86,6	4,543	stainless steel	4F
T.130.120.0410.A	13,0	1,20	41,0	0,0829	101,4	5,482	music wire	4F
T.130.120.0410.I	13,0	1,20	41,0	0,0712	99,0	4,543	stainless steel	4F
T.130.120.0420.A	13,0	1,20	42,0	0,0789	105,5	5,482	music wire	4F
T.130.120.0420.I	13,0	1,20	42,0	0,0677	103,0	4,543	stainless steel	4F
T.130.120.0482.A	13,0	1,20	48,2	0,0598	131,8	5,472	music wire	4F
T.130.120.0482.I	13,0	1,20	48,2	0,0514	132,3	4,732	stainless steel	4G
T.130.120.0662.A	13,0	1,20	66,2	0,0352	208,1	5,472	music wire	4F
T.130.120.0662.I	13,0	1,20	66,2	0,0303	209,1	4,732	stainless steel	4G
T.130.120.0902.A	13,0	1,20	90,2	0,0228	309,8	5,472	music wire	4G
T.130.120.0902.I	13,0	1,20	90,2	0,0195	311,3	4,732	stainless steel	4G
T.130.125.0708.A	13,0	1,25	70,8	0,0395	212,2	6,146	music wire	4F
T.130.125.0708.I	13,0	1,25	70,8	0,0339	206,8	5,097	stainless steel	4G
T.130.125.1020.A	13,0	1,25	102,0	0,0240	334,5	6,146	music wire	4G
T.130.125.1020.I	13,0	1,25	102,0	0,0206	325,5	5,097	stainless steel	4G
T.130.130.0380.A	13,0	1,30	38,0	0,1489	79,7	6,858	music wire	4G
T.130.130.0380.I	13,0	1,30	38,0	0,1279	78,1	5,692	stainless steel	4H
T.130.130.0730.A	13,0	1,30	73,0	0,0463	206,9	6,858	music wire	4H
T.130.130.0730.I	13,0	1,30	73,0	0,0398	201,9	5,692	stainless steel	4H
T.130.140.0380.A	13,0	1,40	38,0	0,2161	73,0	8,434	music wire	4G
T.130.140.0380.I	13,0	1,40	38,0	0,1856	71,7	7,010	stainless steel	4H
T.130.140.0700.A	13,0	1,40	70,0	0,0729	173,9	8,434	music wire	4H
T.130.140.0700.I	13,0	1,40	70,0	0,0626	170,0	7,010	stainless steel	4H
T.130.160.0310.A	13,0	1,60	31,0	0,7388	45,6	12,222	music wire	4I
T.130.160.0310.I	13,0	1,60	31,0	0,6345	45,1	10,185	stainless steel	4I
T.130.160.0342.A	13,0	1,60	34,2	0,5563	53,6	12,222	music wire	4I
T.130.160.0342.I	13,0	1,60	34,2	0,4778	53,0	10,185	stainless steel	4I
T.130.160.0710.A	13,0	1,60	71,0	0,1449	145,6	12,222	music wire	4I
T.130.160.0710.I	13,0	1,60	71,0	0,1245	143,0	10,185	stainless steel	4I
T.130.160.0826.A	13,0	1,60	82,6	0,1174	174,7	12,222	music wire	4I
T.130.160.0826.I	13,0	1,60	82,6	0,1008	171,5	10,185	stainless steel	4I
T.130.160.1020.A	13,0	1,60	102,0	0,0892	223,1	12,222	music wire	4I
T.130.160.1020.I	13,0	1,60	102,0	0,0766	218,9	10,185	stainless steel	4I
T.130.160.1080.A	13,0	1,60	108,0	0,0831	238,0	12,222	music wire	4I
T.130.160.1080.I	13,0	1,60	108,0	0,0714	233,5	10,185	stainless steel	4I
T.130.160.1230.A	13,0	1,60	123,0	0,0709	275,6	12,222	music wire	4I
T.130.160.1230.I	13,0	1,60	123,0	0,0609	270,2	10,185	stainless steel	4I
T.130.160.1360.A	13,0	1,60	136,0	0,0628	308,2	12,222	music wire	4I
T.130.160.1360.I	13,0	1,60	136,0	0,0539	302,2	10,185	stainless steel	4I
T.130.160.2150.A	13,0	1,60	215,0	0,0372	505,5	12,222	music wire	4I
T.130.160.2150.I	13,0	1,60	215,0	0,0320	495,3	10,185	stainless steel	4I
T.130.175.0760.A	13,0	1,75	76,0	0,2124	140,6	15,655	music wire	4I
T.130.175.0760.I	13,0	1,75	76,0	0,1824	138,4	13,069	stainless steel	4I
T.130.175.1020.A	13,0	1,75	102,0	0,1446	196,8	15,655	music wire	4I
T.130.175.1020.I	13,0	1,75	102,0	0,1242	193,6	13,069	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.130.180.0460.A	13,0	1,80	46,0	0,5399	73,4	16,917	music wire	4I
T.130.180.0460.I	13,0	1,80	46,0	0,4637	72,4	14,131	stainless steel	4I
T.130.180.1360.A	13,0	1,80	136,0	0,1188	260,4	16,917	music wire	4J
T.130.180.1360.I	13,0	1,80	136,0	0,1020	256,2	14,131	stainless steel	4J
T.130.180.1700.A	13,0	1,80	170,0	0,0917	331,0	16,917	music wire	4J
T.130.180.1700.I	13,0	1,80	170,0	0,0788	325,7	14,131	stainless steel	4J
T.130.180.2150.A	13,0	1,80	215,0	0,0705	424,5	16,917	music wire	4J
T.130.180.2150.I	13,0	1,80	215,0	0,0605	417,6	14,131	stainless steel	4J
T.130.190.0310.A	13,0	1,90	31,0	1,7335	40,8	19,623	music wire	4I
T.130.190.0310.I	13,0	1,90	31,0	1,4889	40,5	16,411	stainless steel	4I
T.130.190.1080.A	13,0	1,90	108,0	0,2101	189,0	19,623	music wire	4J
T.130.190.1080.I	13,0	1,90	108,0	0,1805	186,4	16,411	stainless steel	4J
T.130.190.1110.A	13,0	1,90	111,0	0,2035	194,7	19,623	music wire	4J
T.130.190.1110.I	13,0	1,90	111,0	0,1748	192,0	16,411	stainless steel	4J
T.130.190.1397.A	13,0	1,90	139,7	0,1546	249,9	19,623	music wire	4J
T.130.190.1397.I	13,0	1,90	139,7	0,1328	246,3	16,411	stainless steel	4J
T.130.190.1520.A	13,0	1,90	152,0	0,1401	273,6	19,623	music wire	4J
T.130.190.1520.I	13,0	1,90	152,0	0,1203	269,6	16,411	stainless steel	4J
T.130.190.1524.A	13,0	1,90	152,4	0,1397	274,3	19,623	music wire	4J
T.130.190.1524.I	13,0	1,90	152,4	0,1200	270,3	16,411	stainless steel	4J
T.130.200.0508.A	13,0	2,00	50,8	0,7952	75,3	22,578	music wire	4K
T.130.200.0508.I	13,0	2,00	50,8	0,6830	74,5	18,902	stainless steel	4L
T.130.200.0550.A	13,0	2,00	55,0	0,6998	82,8	22,578	music wire	4K
T.130.200.0550.I	13,0	2,00	55,0	0,6011	81,9	18,902	stainless steel	4L
T.130.200.0630.A	13,0	2,00	63,0	0,5696	97,2	22,578	music wire	4L
T.130.200.0630.I	13,0	2,00	63,0	0,4892	96,1	18,902	stainless steel	4L
T.130.200.0708.A	13,0	2,00	70,8	0,4821	111,2	22,578	music wire	4L
T.130.200.0708.I	13,0	2,00	70,8	0,4141	109,9	18,902	stainless steel	4L
T.130.200.0970.A	13,0	2,00	97,0	0,3181	158,2	22,578	music wire	4L
T.130.200.0970.I	13,0	2,00	97,0	0,2732	156,3	18,902	stainless steel	4L
T.130.200.1040.A	13,0	2,00	104,0	0,2916	170,8	22,578	music wire	4L
T.130.200.1040.I	13,0	2,00	104,0	0,2504	168,7	18,902	stainless steel	4L
T.130.200.1100.A	13,0	2,00	110,0	0,2721	181,6	22,578	music wire	4L
T.130.200.1100.I	13,0	2,00	110,0	0,2337	179,3	18,902	stainless steel	4L
T.130.200.1110.A	13,0	2,00	111,0	0,2692	183,4	22,578	music wire	4L
T.130.200.1110.I	13,0	2,00	111,0	0,2312	181,1	18,902	stainless steel	4L
T.130.200.1180.A	13,0	2,00	118,0	0,2499	195,9	22,578	music wire	4L
T.130.200.1180.I	13,0	2,00	118,0	0,2147	193,5	18,902	stainless steel	4L
T.130.200.1240.A	13,0	2,00	124,0	0,2355	206,7	22,578	music wire	4L
T.130.200.1240.I	13,0	2,00	124,0	0,2023	204,1	18,902	stainless steel	4L
T.130.200.1300.A	13,0	2,00	130,0	0,2227	217,5	22,578	music wire	4L
T.130.200.1300.I	13,0	2,00	130,0	0,1912	214,7	18,902	stainless steel	4L
T.130.200.1480.A	13,0	2,00	148,0	0,1914	249,8	22,578	music wire	4L
T.130.200.1480.I	13,0	2,00	148,0	0,1644	246,6	18,902	stainless steel	4L
T.130.230.0700.A	13,0	2,30	70,0	1,0516	96,4	32,696	music wire	4L
T.130.230.0700.I	13,0	2,30	70,0	0,9032	97,1	28,847	stainless steel	4L
T.130.230.0960.A	13,0	2,30	96,0	0,6960	135,8	32,696	music wire	4L
T.130.230.0960.I	13,0	2,30	96,0	0,5978	136,9	28,847	stainless steel	4L
T.130.250.0403.A	13,0	2,50	40,3	3,9422	49,0	40,833	music wire	4L
T.130.250.0403.I	13,0	2,50	40,3	3,3860	49,2	36,130	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.130.250.0553.A	13,0	2,50	55,3	2,3354	70,0	40,833	music wire	4L
T.130.250.0553.I	13,0	2,50	55,3	2,0058	70,4	36,130	stainless steel	4L
T.130.250.0778.A	13,0	2,50	77,8	1,4493	101,4	40,833	music wire	4L
T.130.250.0778.I	13,0	2,50	77,8	1,2448	102,1	36,130	stainless steel	4L
T.131.160.0270.A	13,1	1,60	27,0	1,2543	35,5	12,080	music wire	4I
T.131.160.0270.I	13,1	1,60	27,0	1,0773	35,7	10,534	stainless steel	4I
T.131.160.0380.A	13,1	1,60	38,0	0,4231	63,3	12,080	music wire	4I
T.131.160.0380.I	13,1	1,60	38,0	0,3634	63,7	10,534	stainless steel	4I
T.131.160.1200.A	13,1	1,60	120,0	0,0713	270,7	12,135	music wire	4I
T.131.160.1200.I	13,1	1,60	120,0	0,0612	265,5	10,113	stainless steel	4I
T.131.160.2980.A	13,1	1,60	298,0	0,0254	719,1	12,080	music wire	4I
T.131.160.2980.I	13,1	1,60	298,0	0,0218	725,6	10,534	stainless steel	4J
T.132.190.0318.A	13,2	1,90	31,8	1,5864	42,4	19,353	music wire	4I
T.132.190.0318.I	13,2	1,90	31,8	1,3626	42,1	16,185	stainless steel	4I
T.132.190.0348.A	13,2	1,90	34,8	1,2434	48,3	19,353	music wire	4I
T.132.190.0348.I	13,2	1,90	34,8	1,0680	47,9	16,185	stainless steel	4I
T.134.200.0410.A	13,4	2,00	41,0	1,0893	58,3	21,818	music wire	4K
T.134.200.0410.I	13,4	2,00	41,0	0,9356	58,7	19,160	stainless steel	4L
T.135.090.0960.A	13,5	0,90	96,0	0,0042	629,6	2,354	music wire	4E
T.135.090.0960.I	13,5	0,90	96,0	0,0036	629,2	2,020	stainless steel	4F
T.135.100.0314.A	13,5	1,00	31,4	0,0705	73,5	3,166	music wire	4E
T.135.100.0314.I	13,5	1,00	31,4	0,0605	73,6	2,725	stainless steel	4E
T.135.100.0400.A	13,5	1,00	40,0	0,0326	131,1	3,166	music wire	4E
T.135.100.0400.I	13,5	1,00	40,0	0,0280	127,4	2,616	stainless steel	4E
T.135.100.0444.A	13,5	1,00	44,4	0,0256	160,5	3,166	music wire	4E
T.135.100.0444.I	13,5	1,00	44,4	0,0220	160,7	2,725	stainless steel	4E
T.135.100.0594.A	13,5	1,00	59,4	0,0147	260,9	3,166	music wire	4E
T.135.100.0594.I	13,5	1,00	59,4	0,0127	261,3	2,725	stainless steel	4E
T.135.100.0734.A	13,5	1,00	73,4	0,0106	354,6	3,166	music wire	4E
T.135.100.0734.I	13,5	1,00	73,4	0,0091	355,1	2,725	stainless steel	4F
T.135.100.0800.A	13,5	1,00	80,0	0,0093	398,8	3,166	music wire	4E
T.135.100.0800.I	13,5	1,00	80,0	0,0080	385,7	2,616	stainless steel	4F
T.135.100.1000.A	13,5	1,00	100,0	0,0069	532,6	3,166	music wire	4E
T.135.100.1000.I	13,5	1,00	100,0	0,0059	514,9	2,616	stainless steel	4F
T.135.100.1200.A	13,5	1,00	120,0	0,0054	666,4	3,166	music wire	4F
T.135.100.1200.I	13,5	1,00	120,0	0,0047	644,1	2,616	stainless steel	4F
T.135.100.2000.A	13,5	1,00	200,0	0,0030	1201,8	3,166	music wire	4G
T.135.100.2000.I	13,5	1,00	200,0	0,0025	1160,9	2,616	stainless steel	4G
T.135.235.0850.A	13,5	2,35	85,0	0,8100	120,2	33,524	music wire	4L
T.135.235.0850.I	13,5	2,35	85,0	0,6955	121,2	29,599	stainless steel	4L
T.136.220.0348.A	13,6	2,20	34,8	2,4782	44,5	28,111	music wire	4L
T.136.220.0348.I	13,6	2,20	34,8	2,1285	44,2	23,583	stainless steel	4L
T.137.125.0342.A	13,7	1,25	34,2	0,1527	69,1	5,833	music wire	4F
T.137.125.0342.I	13,7	1,25	34,2	0,1312	69,4	5,050	stainless steel	4F
T.137.125.0400.A	13,7	1,25	40,0	0,0984	94,3	5,845	music wire	4F
T.137.125.0400.I	13,7	1,25	40,0	0,0845	92,3	4,848	stainless steel	4F
T.137.125.0505.A	13,7	1,25	50,5	0,0600	139,4	5,833	music wire	4F
T.137.125.0505.I	13,7	1,25	50,5	0,0515	140,1	5,050	stainless steel	4G
T.137.125.0652.A	13,7	1,25	65,2	0,0388	202,8	5,833	music wire	4F
T.137.125.0652.I	13,7	1,25	65,2	0,0333	203,9	5,050	stainless steel	4G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.137.125.0800.A	13,7	1,25	80,0	0,0286	266,6	5,833	music wire	4G
T.137.125.0800.I	13,7	1,25	80,0	0,0246	268,1	5,050	stainless steel	4G
T.137.125.0887.A	13,7	1,25	88,7	0,0248	304,1	5,833	music wire	4G
T.137.125.0887.I	13,7	1,25	88,7	0,0213	305,8	5,050	stainless steel	4G
T.137.125.0987.A	13,7	1,25	98,7	0,0215	347,2	5,833	music wire	4G
T.137.125.0987.I	13,7	1,25	98,7	0,0184	349,2	5,050	stainless steel	4G
T.137.125.1087.A	13,7	1,25	108,7	0,0189	390,3	5,833	music wire	4G
T.137.125.1087.I	13,7	1,25	108,7	0,0163	392,5	5,050	stainless steel	4G
T.137.125.1187.A	13,7	1,25	118,7	0,0170	433,4	5,833	music wire	4G
T.137.125.1187.I	13,7	1,25	118,7	0,0146	435,9	5,050	stainless steel	4G
T.137.125.2200.A	13,7	1,25	220,0	0,0082	871,5	5,845	music wire	4H
T.137.125.2200.I	13,7	1,25	220,0	0,0070	846,7	4,848	stainless steel	4I
T.137.125.3000.A	13,7	1,25	300,0	0,0058	1216,9	5,845	music wire	4I
T.137.125.3000.I	13,7	1,25	300,0	0,0050	1182,0	4,848	stainless steel	4I
T.140.160.0890.A	14,0	1,60	89,0	0,0852	208,3	11,403	music wire	4I
T.140.160.0890.I	14,0	1,60	89,0	0,0732	204,2	9,503	stainless steel	4I
T.140.180.0630.A	14,0	1,80	63,0	0,2629	115,9	15,801	music wire	4I
T.140.180.0630.I	14,0	1,80	63,0	0,2258	114,2	13,199	stainless steel	4J
T.140.200.0380.A	14,0	2,00	38,0	1,1791	53,5	20,969	music wire	4K
T.140.200.0380.I	14,0	2,00	38,0	1,0127	53,8	18,414	stainless steel	4L
T.140.200.0500.A	14,0	2,00	50,0	0,6738	77,1	20,969	music wire	4K
T.140.200.0500.I	14,0	2,00	50,0	0,5787	77,7	18,414	stainless steel	4L
T.140.200.0680.A	14,0	2,00	68,0	0,4100	112,5	20,969	music wire	4L
T.140.200.0680.I	14,0	2,00	68,0	0,3523	113,5	18,414	stainless steel	4L
T.140.280.0442.A	14,0	2,80	44,2	5,0730	52,7	51,795	music wire	4L
T.140.280.0442.I	14,0	2,80	44,2	4,3572	53,0	46,015	stainless steel	4L
T.140.280.0610.A	14,0	2,80	61,0	3,0144	75,3	51,795	music wire	4L
T.140.280.0610.I	14,0	2,80	61,0	2,5891	75,8	46,015	stainless steel	4L
T.140.280.0862.A	14,0	2,80	86,2	1,8738	109,2	51,795	music wire	4L
T.140.280.0862.I	14,0	2,80	86,2	1,6094	110,0	46,015	stainless steel	4L
T.140.280.1280.A	14,0	2,80	128,0	1,1513	165,5	51,795	music wire	4L
T.140.280.1280.I	14,0	2,80	128,0	0,9888	166,8	46,015	stainless steel	4L
T.140.280.1840.A	14,0	2,80	184,0	0,7591	240,9	51,795	music wire	4M
T.140.280.1840.I	14,0	2,80	184,0	0,6520	242,8	46,015	stainless steel	4M
T.141.160.0382.A	14,1	1,60	38,2	0,3696	65,4	11,276	music wire	4I
T.141.160.0382.I	14,1	1,60	38,2	0,3174	65,8	9,833	stainless steel	4I
T.141.160.0590.A	14,1	1,60	59,0	0,1536	124,5	11,276	music wire	4I
T.141.160.0590.I	14,1	1,60	59,0	0,1320	125,5	9,833	stainless steel	4I
T.141.160.0830.A	14,1	1,60	83,0	0,0918	192,7	11,276	music wire	4I
T.141.160.0830.I	14,1	1,60	83,0	0,0788	194,3	9,833	stainless steel	4I
T.141.160.0942.A	14,1	1,60	94,2	0,0773	224,5	11,276	music wire	4I
T.141.160.0942.I	14,1	1,60	94,2	0,0664	226,5	9,833	stainless steel	4I
T.141.160.1000.A	14,1	1,60	100,0	0,0714	241,6	11,327	music wire	4I
T.141.160.1000.I	14,1	1,60	100,0	0,0613	236,7	9,440	stainless steel	4I
T.141.160.1050.A	14,1	1,60	105,0	0,0670	255,1	11,276	music wire	4I
T.141.160.1050.I	14,1	1,60	105,0	0,0576	257,4	9,833	stainless steel	4I
T.141.160.1180.A	14,1	1,60	118,0	0,0578	292,0	11,276	music wire	4I
T.141.160.1180.I	14,1	1,60	118,0	0,0497	294,7	9,833	stainless steel	4I
T.141.160.1310.A	14,1	1,60	131,0	0,0508	329,0	11,276	music wire	4I
T.141.160.1310.I	14,1	1,60	131,0	0,0437	332,0	9,833	stainless steel	4I



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.141.160.1430.A	14,1	1,60	143,0	0,0457	363,0	11,276	music wire	4I
T.141.160.1430.I	14,1	1,60	143,0	0,0393	366,4	9,833	stainless steel	4I
T.141.160.2200.A	14,1	1,60	220,0	0,0278	583,4	11,327	music wire	4I
T.141.160.2200.I	14,1	1,60	220,0	0,0239	570,9	9,440	stainless steel	4I
T.141.160.3000.A	14,1	1,60	300,0	0,0198	811,3	11,327	music wire	4I
T.141.160.3000.I	14,1	1,60	300,0	0,0170	793,6	9,440	stainless steel	4J
T.142.120.1140.A	14,2	1,20	114,0	0,0129	472,6	5,028	music wire	4G
T.142.120.1140.I	14,2	1,20	114,0	0,0111	475,1	4,348	stainless steel	4G
T.142.125.0400.A	14,2	1,25	40,0	0,0931	95,7	5,647	music wire	4F
T.142.125.0400.I	14,2	1,25	40,0	0,0800	93,6	4,684	stainless steel	4G
T.142.125.1020.A	14,2	1,25	102,0	0,0185	381,6	5,636	music wire	4G
T.142.125.1020.I	14,2	1,25	102,0	0,0159	383,9	4,879	stainless steel	4G
T.142.125.2150.A	14,2	1,25	215,0	0,0075	903,1	5,636	music wire	4H
T.142.125.2150.I	14,2	1,25	215,0	0,0065	908,6	4,879	stainless steel	4I
T.142.180.0400.A	14,2	1,80	40,0	0,5967	63,0	15,595	music wire	4I
T.142.180.0400.I	14,2	1,80	40,0	0,5125	62,3	13,027	stainless steel	4I
T.142.180.0550.A	14,2	1,80	55,0	0,3155	98,3	15,504	music wire	4I
T.142.180.0550.I	14,2	1,80	55,0	0,2710	99,1	13,570	stainless steel	4J
T.142.180.0640.A	14,2	1,80	64,0	0,2463	119,5	15,504	music wire	4I
T.142.180.0640.I	14,2	1,80	64,0	0,2115	120,6	13,570	stainless steel	4J
T.142.180.0700.A	14,2	1,80	70,0	0,2148	133,6	15,504	music wire	4I
T.142.180.0700.I	14,2	1,80	70,0	0,1845	134,8	13,570	stainless steel	4J
T.142.180.0730.A	14,2	1,80	73,0	0,2019	140,7	15,504	music wire	4I
T.142.180.0730.I	14,2	1,80	73,0	0,1734	142,0	13,570	stainless steel	4J
T.142.180.0800.A	14,2	1,80	80,0	0,1769	157,7	15,595	music wire	4I
T.142.180.0800.I	14,2	1,80	80,0	0,1520	155,1	13,027	stainless steel	4J
T.142.180.0920.A	14,2	1,80	92,0	0,1463	185,4	15,504	music wire	4J
T.142.180.0920.I	14,2	1,80	92,0	0,1257	187,2	13,570	stainless steel	4J
T.142.180.0950.A	14,2	1,80	95,0	0,1402	192,5	15,504	music wire	4J
T.142.180.0950.I	14,2	1,80	95,0	0,1204	194,3	13,570	stainless steel	4J
T.142.180.1270.A	14,2	1,80	127,0	0,0971	267,8	15,504	music wire	4J
T.142.180.1270.I	14,2	1,80	127,0	0,0834	270,5	13,570	stainless steel	4J
T.142.180.1300.A	14,2	1,80	130,0	0,0944	274,9	15,504	music wire	4J
T.142.180.1300.I	14,2	1,80	130,0	0,0810	277,6	13,570	stainless steel	4J
T.142.180.1520.A	14,2	1,80	152,0	0,0783	326,7	15,504	music wire	4J
T.142.180.1520.I	14,2	1,80	152,0	0,0672	330,0	13,570	stainless steel	4J
T.142.180.2200.A	14,2	1,80	220,0	0,0513	488,2	15,595	music wire	4J
T.142.180.2200.I	14,2	1,80	220,0	0,0440	479,3	13,027	stainless steel	4J
T.142.200.0600.A	14,2	2,00	60,0	0,4775	98,0	20,844	music wire	4L
T.142.200.0600.I	14,2	2,00	60,0	0,4101	96,9	17,450	stainless steel	4L
T.142.200.1380.A	14,2	2,00	138,0	0,1553	254,1	20,699	music wire	4L
T.142.200.1380.I	14,2	2,00	138,0	0,1334	256,7	18,177	stainless steel	4L
T.142.200.2150.A	14,2	2,00	215,0	0,0932	408,5	20,699	music wire	4L
T.142.200.2150.I	14,2	2,00	215,0	0,0800	412,8	18,177	stainless steel	4L
T.142.230.0600.A	14,2	2,30	60,0	1,0130	85,8	30,526	music wire	4L
T.142.230.0600.I	14,2	2,30	60,0	0,8701	85,1	25,634	stainless steel	4L
T.142.230.0760.A	14,2	2,30	76,0	0,7140	112,3	30,265	music wire	4L
T.142.230.0760.I	14,2	2,30	76,0	0,6132	113,3	26,702	stainless steel	4L
T.142.230.0830.A	14,2	2,30	83,0	0,6327	124,0	30,265	music wire	4L
T.142.230.0830.I	14,2	2,30	83,0	0,5434	125,1	26,702	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.142.230.0890.A	14,2	2,30	89,0	0,5765	134,0	30,265	music wire	4L
T.142.230.0890.I	14,2	2,30	89,0	0,4951	135,2	26,702	stainless steel	4L
T.142.230.1080.A	14,2	2,30	108,0	0,4498	165,7	30,265	music wire	4L
T.142.230.1080.I	14,2	2,30	108,0	0,3864	167,3	26,702	stainless steel	4L
T.142.230.1400.A	14,2	2,30	140,0	0,3284	219,0	30,265	music wire	4L
T.142.230.1400.I	14,2	2,30	140,0	0,2820	221,2	26,702	stainless steel	4L
T.142.230.2200.A	14,2	2,30	220,0	0,1960	353,5	30,526	music wire	4L
T.142.230.2200.I	14,2	2,30	220,0	0,1684	349,6	25,634	stainless steel	4L
T.142.300.0600.A	14,2	3,00	60,0	4,3400	71,7	61,343	music wire	4L
T.142.300.0600.I	14,2	3,00	60,0	3,7276	72,1	54,637	stainless steel	4L
T.143.120.0400.A	14,3	1,20	40,0	0,0752	101,4	5,002	music wire	4F
T.143.120.0400.I	14,3	1,20	40,0	0,0646	99,1	4,146	stainless steel	4F
T.143.120.0830.A	14,3	1,20	83,0	0,0194	320,2	4,994	music wire	4G
T.143.120.0830.I	14,3	1,20	83,0	0,0167	321,8	4,319	stainless steel	4G
T.143.120.1020.A	14,3	1,20	102,0	0,0146	416,9	4,994	music wire	4G
T.143.120.1020.I	14,3	1,20	102,0	0,0126	419,1	4,319	stainless steel	4G
T.143.140.0400.A	14,3	1,40	40,0	0,1642	82,6	7,704	music wire	4G
T.143.140.0400.I	14,3	1,40	40,0	0,1411	81,0	6,404	stainless steel	4H
T.143.140.0640.A	14,3	1,40	64,0	0,0645	172,1	7,680	music wire	4H
T.143.140.0640.I	14,3	1,40	64,0	0,0554	173,3	6,670	stainless steel	4H
T.143.140.1020.A	14,3	1,40	102,0	0,0329	313,8	7,680	music wire	4I
T.143.140.1020.I	14,3	1,40	102,0	0,0283	316,2	6,670	stainless steel	4I
T.143.140.2150.A	14,3	1,40	215,0	0,0134	735,2	7,680	music wire	4I
T.143.140.2150.I	14,3	1,40	215,0	0,0115	741,1	6,670	stainless steel	4I
T.143.140.4200.A	14,3	1,40	420,0	0,0065	1499,8	7,680	music wire	4J
T.143.140.4200.I	14,3	1,40	420,0	0,0055	1512,0	6,670	stainless steel	4J
T.143.160.0400.A	14,3	1,60	40,0	0,3227	71,0	11,178	music wire	4I
T.143.160.0400.I	14,3	1,60	40,0	0,2772	69,9	9,315	stainless steel	4I
T.143.160.0600.A	14,3	1,60	60,0	0,1442	129,3	11,178	music wire	4I
T.143.160.0600.I	14,3	1,60	60,0	0,1239	126,9	9,315	stainless steel	4I
T.143.160.0860.A	14,3	1,60	86,0	0,0838	204,6	11,127	music wire	4I
T.143.160.0860.I	14,3	1,60	86,0	0,0720	206,4	9,703	stainless steel	4I
T.143.160.0920.A	14,3	1,60	92,0	0,0765	222,1	11,127	music wire	4I
T.143.160.0920.I	14,3	1,60	92,0	0,0657	224,1	9,703	stainless steel	4I
T.143.160.0950.A	14,3	1,60	95,0	0,0732	230,8	11,127	music wire	4I
T.143.160.0950.I	14,3	1,60	95,0	0,0629	232,9	9,703	stainless steel	4I
T.143.160.2100.A	14,3	1,60	210,0	0,0280	565,1	11,127	music wire	4I
T.143.160.2100.I	14,3	1,60	210,0	0,0241	570,5	9,703	stainless steel	4I
T.143.160.2150.A	14,3	1,60	215,0	0,0273	579,6	11,127	music wire	4I
T.143.160.2150.I	14,3	1,60	215,0	0,0234	585,2	9,703	stainless steel	4I
T.143.210.2100.A	14,3	2,10	210,0	0,1221	376,9	23,497	music wire	4L
T.143.210.2100.I	14,3	2,10	210,0	0,1048	381,0	20,667	stainless steel	4L
T.143.235.2220.A	14,3	2,35	222,0	0,2135	349,8	31,876	music wire	4L
T.143.235.2220.I	14,3	2,35	222,0	0,1833	353,4	28,144	stainless steel	4L
T.143.270.0720.A	14,3	2,70	72,0	1,8185	93,4	46,225	music wire	4L
T.143.270.0720.I	14,3	2,70	72,0	1,5619	94,1	41,012	stainless steel	4L
T.145.160.0380.A	14,5	1,60	38,0	0,3616	65,3	11,033	music wire	4I
T.145.160.0380.I	14,5	1,60	38,0	0,3106	64,4	9,194	stainless steel	4I
T.145.200.0428.A	14,5	2,00	42,8	0,8430	63,8	20,307	music wire	4K
T.145.200.0428.I	14,5	2,00	42,8	0,7240	64,3	17,833	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.145.200.0588.A	14,5	2,00	58,8	0,4662	96,8	20,307	music wire	4L
T.145.200.0588.I	14,5	2,00	58,8	0,4000	97,7	17,833	stainless steel	4L
T.145.200.0800.A	14,5	2,00	80,0	0,2928	141,0	20,449	music wire	4L
T.145.200.0800.I	14,5	2,00	80,0	0,2515	139,1	17,120	stainless steel	4L
T.145.200.0988.A	14,5	2,00	98,8	0,2202	179,4	20,307	music wire	4L
T.145.200.0988.I	14,5	2,00	98,8	0,1891	181,2	17,833	stainless steel	4L
T.145.200.1120.A	14,5	2,00	112,0	0,1875	206,6	20,307	music wire	4L
T.145.200.1120.I	14,5	2,00	112,0	0,1611	208,7	17,833	stainless steel	4L
T.145.200.1260.A	14,5	2,00	126,0	0,1621	235,5	20,307	music wire	4L
T.145.200.1260.I	14,5	2,00	126,0	0,1392	237,9	17,833	stainless steel	4L
T.145.200.1420.A	14,5	2,00	142,0	0,1403	268,5	20,307	music wire	4L
T.145.200.1420.I	14,5	2,00	142,0	0,1205	271,3	17,833	stainless steel	4L
T.145.200.1580.A	14,5	2,00	158,0	0,1236	301,5	20,307	music wire	4L
T.145.200.1580.I	14,5	2,00	158,0	0,1062	304,7	17,833	stainless steel	4L
T.145.200.1740.A	14,5	2,00	174,0	0,1105	334,5	20,307	music wire	4L
T.145.200.1740.I	14,5	2,00	174,0	0,0949	338,1	17,833	stainless steel	4L
T.145.200.2000.A	14,5	2,00	200,0	0,0943	389,4	20,449	music wire	4L
T.145.200.2000.I	14,5	2,00	200,0	0,0810	383,5	17,120	stainless steel	4L
T.145.200.2200.A	14,5	2,00	220,0	0,0847	430,8	20,449	music wire	4L
T.145.200.2200.I	14,5	2,00	220,0	0,0728	424,2	17,120	stainless steel	4L
T.145.270.0380.A	14,5	2,70	38,0	5,2304	45,4	46,168	music wire	4L
T.145.270.0380.I	14,5	2,70	38,0	4,4924	45,2	38,912	stainless steel	4L
T.146.180.0600.A	14,6	1,80	60,0	0,2537	113,0	15,197	music wire	4I
T.146.180.0600.I	14,6	1,80	60,0	0,2179	111,2	12,695	stainless steel	4J
T.146.180.0970.A	14,6	1,80	97,0	0,1254	203,6	15,109	music wire	4J
T.146.180.0970.I	14,6	1,80	97,0	0,1077	205,6	13,224	stainless steel	4J
T.146.180.1200.A	14,6	1,80	120,0	0,0955	260,7	15,197	music wire	4J
T.146.180.1200.I	14,6	1,80	120,0	0,0820	256,1	12,695	stainless steel	4J
T.146.180.2030.A	14,6	1,80	203,0	0,0512	463,9	15,109	music wire	4J
T.146.180.2030.I	14,6	1,80	203,0	0,0440	468,8	13,224	stainless steel	4J
T.146.180.7240.A	14,6	1,80	724,0	0,0131	1743,3	15,109	music wire	4M
T.146.180.7240.I	14,6	1,80	724,0	0,0113	1762,6	13,224	stainless steel	4M
T.146.190.1970.A	14,6	1,90	197,0	0,0710	414,1	17,532	music wire	4J
T.146.190.1970.I	14,6	1,90	197,0	0,0610	418,6	15,371	stainless steel	4J
T.150.140.0349.A	15,0	1,40	34,9	0,2394	62,9	7,337	music wire	4G
T.150.140.0349.I	15,0	1,40	34,9	0,2056	63,2	6,373	stainless steel	4H
T.150.140.0433.A	15,0	1,40	43,3	0,1245	97,1	7,337	music wire	4H
T.150.140.0433.I	15,0	1,40	43,3	0,1069	97,7	6,373	stainless steel	4H
T.150.140.0559.A	15,0	1,40	55,9	0,0724	148,4	7,337	music wire	4H
T.150.140.0559.I	15,0	1,40	55,9	0,0622	149,4	6,373	stainless steel	4H
T.150.140.0769.A	15,0	1,40	76,9	0,0426	233,9	7,337	music wire	4H
T.150.140.0769.I	15,0	1,40	76,9	0,0366	235,7	6,373	stainless steel	4I
T.150.140.1050.A	15,0	1,40	105,0	0,0275	348,3	7,337	music wire	4I
T.150.140.1050.I	15,0	1,40	105,0	0,0236	351,1	6,373	stainless steel	4I
T.150.150.0380.A	15,0	1,50	38,0	0,2526	70,0	8,926	music wire	4I
T.150.150.0380.I	15,0	1,50	38,0	0,2169	68,9	7,429	stainless steel	4I
T.150.150.0381.A	15,0	1,50	38,1	0,2495	70,5	8,926	music wire	4I
T.150.150.0381.I	15,0	1,50	38,1	0,2143	69,3	7,429	stainless steel	4I
T.150.150.0415.A	15,0	1,50	41,5	0,1965	82,4	8,891	music wire	4I
T.150.150.0415.I	15,0	1,50	41,5	0,1688	83,0	7,738	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.150.150.0444.A	15,0	1,50	44,4	0,1664	93,0	8,926	music wire	4I
T.150.150.0444.I	15,0	1,50	44,4	0,1429	91,2	7,429	stainless steel	4I
T.150.150.0625.A	15,0	1,50	62,5	0,0850	157,2	8,891	music wire	4I
T.150.150.0625.I	15,0	1,50	62,5	0,0730	158,4	7,738	stainless steel	4I
T.150.150.0700.A	15,0	1,50	70,0	0,0706	184,4	8,926	music wire	4I
T.150.150.0700.I	15,0	1,50	70,0	0,0606	180,4	7,429	stainless steel	4I
T.150.150.0715.A	15,0	1,50	71,5	0,0684	189,2	8,891	music wire	4I
T.150.150.0715.I	15,0	1,50	71,5	0,0587	190,8	7,738	stainless steel	4I
T.150.150.0820.A	15,0	1,50	82,0	0,0557	226,6	8,891	music wire	4I
T.150.150.0820.I	15,0	1,50	82,0	0,0478	228,5	7,738	stainless steel	4I
T.150.150.0910.A	15,0	1,50	91,0	0,0480	258,6	8,891	music wire	4I
T.150.150.0910.I	15,0	1,50	91,0	0,0412	260,9	7,738	stainless steel	4I
T.150.150.1015.A	15,0	1,50	101,5	0,0414	296,0	8,891	music wire	4I
T.150.150.1015.I	15,0	1,50	101,5	0,0355	298,6	7,738	stainless steel	4I
T.150.150.1135.A	15,0	1,50	113,5	0,0357	338,7	8,891	music wire	4I
T.150.150.1135.I	15,0	1,50	113,5	0,0307	341,7	7,738	stainless steel	4I
T.150.150.1255.A	15,0	1,50	125,5	0,0314	381,4	8,891	music wire	4I
T.150.150.1255.I	15,0	1,50	125,5	0,0270	384,8	7,738	stainless steel	4I
T.150.180.0700.A	15,0	1,80	70,0	0,1844	140,9	14,733	music wire	4I
T.150.180.0700.I	15,0	1,80	70,0	0,1583	142,2	12,895	stainless steel	4J
T.150.180.0860.A	15,0	1,80	86,0	0,1363	181,9	14,733	music wire	4J
T.150.180.0860.I	15,0	1,80	86,0	0,1171	183,7	12,895	stainless steel	4J
T.150.200.0900.A	15,0	2,00	90,0	0,2248	166,8	19,685	music wire	4L
T.150.200.0900.I	15,0	2,00	90,0	0,1931	168,5	17,287	stainless steel	4L
T.150.220.0412.A	15,0	2,20	41,2	1,4065	57,0	25,541	music wire	4L
T.150.220.0412.I	15,0	2,20	41,2	1,2080	57,4	22,500	stainless steel	4L
T.150.220.0544.A	15,0	2,20	54,4	0,8100	81,8	25,541	music wire	4L
T.150.220.0544.I	15,0	2,20	54,4	0,6936	82,5	22,500	stainless steel	4L
T.150.220.0742.A	15,0	2,20	74,2	0,4928	119,2	25,541	music wire	4L
T.150.220.0742.I	15,0	2,20	74,2	0,4233	120,3	22,500	stainless steel	4L
T.150.220.1070.A	15,0	2,20	107,0	0,3000	181,0	25,541	music wire	4L
T.150.220.1070.I	15,0	2,20	107,0	0,2572	182,9	22,500	stainless steel	4L
T.150.220.1510.A	15,0	2,20	151,0	0,1962	263,9	25,541	music wire	4L
T.150.220.1510.I	15,0	2,20	151,0	0,1685	266,8	22,500	stainless steel	4L
T.150.225.1030.A	15,0	2,25	103,0	0,3554	169,1	27,152	music wire	4L
T.150.225.1030.I	15,0	2,25	103,0	0,3053	170,8	23,937	stainless steel	4L
T.150.240.0670.A	15,0	2,40	67,0	0,9175	97,3	32,343	music wire	4L
T.150.240.0670.I	15,0	2,40	67,0	0,7880	98,1	28,576	stainless steel	4L
T.150.250.0485.A	15,0	2,50	48,5	1,9591	64,2	36,108	music wire	4L
T.150.250.0485.I	15,0	2,50	48,5	1,6827	64,7	31,949	stainless steel	4L
T.150.250.0630.A	15,0	2,50	63,0	1,2577	87,8	36,455	music wire	4L
T.150.250.0630.I	15,0	2,50	63,0	1,0802	87,1	30,671	stainless steel	4L
T.150.250.0635.A	15,0	2,50	63,5	1,2424	88,6	36,455	music wire	4L
T.150.250.0635.I	15,0	2,50	63,5	1,0671	87,9	30,671	stainless steel	4L
T.150.250.0810.A	15,0	2,50	81,0	0,8707	116,4	36,108	music wire	4L
T.150.250.0810.I	15,0	2,50	81,0	0,7479	117,5	31,949	stainless steel	4L
T.150.250.1180.A	15,0	2,50	118,0	0,5334	175,8	36,108	music wire	4L
T.150.250.1180.I	15,0	2,50	118,0	0,4581	177,6	31,949	stainless steel	4L
T.150.250.1360.A	15,0	2,50	136,0	0,4488	204,7	36,108	music wire	4L
T.150.250.1360.I	15,0	2,50	136,0	0,3855	206,8	31,949	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.150.250.1530.A	15,0	2,50	153,0	0,3903	232,0	36,108	music wire	4L
T.150.250.1530.I	15,0	2,50	153,0	0,3352	234,4	31,949	stainless steel	4L
T.150.250.1730.A	15,0	2,50	173,0	0,3385	264,2	36,108	music wire	4L
T.150.250.1730.I	15,0	2,50	173,0	0,2907	266,9	31,949	stainless steel	4M
T.150.250.1930.A	15,0	2,50	193,0	0,2988	296,3	36,108	music wire	4L
T.150.250.1930.I	15,0	2,50	193,0	0,2566	299,4	31,949	stainless steel	4M
T.150.250.2130.A	15,0	2,50	213,0	0,2674	328,4	36,108	music wire	4M
T.150.250.2130.I	15,0	2,50	213,0	0,2297	331,9	31,949	stainless steel	4M
T.151.160.0460.A	15,1	1,60	46,0	0,2108	91,1	10,570	music wire	4I
T.151.160.0460.I	15,1	1,60	46,0	0,1810	91,8	9,217	stainless steel	4I
T.151.190.0950.A	15,1	1,90	95,0	0,1556	191,4	16,994	music wire	4J
T.151.190.0950.I	15,1	1,90	95,0	0,1336	193,4	14,899	stainless steel	4J
T.151.270.1020.A	15,1	2,70	102,0	0,9596	140,9	44,129	music wire	4L
T.151.270.1020.I	15,1	2,70	102,0	0,8242	142,2	39,153	stainless steel	4L
T.155.160.0435.A	15,5	1,60	43,5	0,2299	83,9	10,311	music wire	4I
T.155.160.0435.I	15,5	1,60	43,5	0,1975	84,6	8,992	stainless steel	4I
T.155.160.0600.A	15,5	1,60	60,0	0,1178	139,3	10,358	music wire	4I
T.155.160.0600.I	15,5	1,60	60,0	0,1012	136,6	8,632	stainless steel	4I
T.155.160.0660.A	15,5	1,60	66,0	0,1000	159,0	10,311	music wire	4I
T.155.160.0660.I	15,5	1,60	66,0	0,0858	160,5	8,992	stainless steel	4I
T.155.160.0755.A	15,5	1,60	75,5	0,0807	190,7	10,311	music wire	4I
T.155.160.0755.I	15,5	1,60	75,5	0,0693	192,5	8,992	stainless steel	4I
T.155.160.0865.A	15,5	1,60	86,5	0,0660	227,5	10,311	music wire	4I
T.155.160.0865.I	15,5	1,60	86,5	0,0567	229,6	8,992	stainless steel	4I
T.155.160.0960.A	15,5	1,60	96,0	0,0570	259,2	10,311	music wire	4I
T.155.160.0960.I	15,5	1,60	96,0	0,0489	261,7	8,992	stainless steel	4I
T.155.160.1075.A	15,5	1,60	107,5	0,0489	297,6	10,311	music wire	4I
T.155.160.1075.I	15,5	1,60	107,5	0,0420	300,5	8,992	stainless steel	4I
T.155.160.1200.A	15,5	1,60	120,0	0,0424	339,3	10,311	music wire	4I
T.155.160.1200.I	15,5	1,60	120,0	0,0364	342,6	8,992	stainless steel	4I
T.155.160.1330.A	15,5	1,60	133,0	0,0372	382,7	10,311	music wire	4I
T.155.160.1330.I	15,5	1,60	133,0	0,0320	386,5	8,992	stainless steel	4I
T.155.160.2200.A	15,5	1,60	220,0	0,0205	675,0	10,358	music wire	4I
T.155.160.2200.I	15,5	1,60	220,0	0,0176	659,5	8,632	stainless steel	4I
T.155.160.3000.A	15,5	1,60	300,0	0,0145	942,9	10,358	music wire	4J
T.155.160.3000.I	15,5	1,60	300,0	0,0125	920,9	8,632	stainless steel	4J
T.158.100.1300.A	15,8	1,00	130,0	0,0031	969,4	2,717	music wire	4F
T.158.100.1300.I	15,8	1,00	130,0	0,0027	971,0	2,338	stainless steel	4G
T.158.120.3050.A	15,8	1,20	305,0	0,0029	1746,7	4,535	music wire	4I
T.158.120.3050.I	15,8	1,20	305,0	0,0025	1756,6	3,922	stainless steel	4I
T.158.180.0400.A	15,8	1,80	40,0	0,5062	64,9	14,114	music wire	4I
T.158.180.0400.I	15,8	1,80	40,0	0,4347	64,1	11,790	stainless steel	4I
T.158.180.0800.A	15,8	1,80	80,0	0,1303	176,6	14,114	music wire	4J
T.158.180.0800.I	15,8	1,80	80,0	0,1120	173,5	11,790	stainless steel	4J
T.158.180.0890.A	15,8	1,80	89,0	0,1117	201,1	14,033	music wire	4J
T.158.180.0890.I	15,8	1,80	89,0	0,0959	203,2	12,282	stainless steel	4J
T.158.180.1150.A	15,8	1,80	115,0	0,0790	273,4	14,033	music wire	4J
T.158.180.1150.I	15,8	1,80	115,0	0,0679	276,5	12,282	stainless steel	4J
T.158.180.1520.A	15,8	1,80	152,0	0,0558	376,5	14,033	music wire	4J
T.158.180.1520.I	15,8	1,80	152,0	0,0479	380,7	12,282	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.158.180.2150.A	15,8	1,80	215,0	0,0372	551,9	14,033	music wire	4J
T.158.180.2150.I	15,8	1,80	215,0	0,0319	558,3	12,282	stainless steel	4J
T.158.180.2980.A	15,8	1,80	298,0	0,0258	783,0	14,033	music wire	4J
T.158.180.2980.I	15,8	1,80	298,0	0,0222	792,2	12,282	stainless steel	4J
T.158.190.0500.A	15,8	1,90	50,0	0,3897	87,1	16,291	music wire	4I
T.158.190.0500.I	15,8	1,90	50,0	0,3347	87,8	14,283	stainless steel	4J
T.158.190.0920.A	15,8	1,90	92,0	0,1421	193,7	16,291	music wire	4J
T.158.190.0920.I	15,8	1,90	92,0	0,1220	195,8	14,283	stainless steel	4J
T.158.190.1200.A	15,8	1,90	120,0	0,0999	265,6	16,396	music wire	4J
T.158.190.1200.I	15,8	1,90	120,0	0,0858	261,0	13,711	stainless steel	4J
T.158.190.1900.A	15,8	1,90	190,0	0,0572	442,4	16,291	music wire	4J
T.158.190.1900.I	15,8	1,90	190,0	0,0492	447,6	14,283	stainless steel	4J
T.158.200.0400.A	15,8	2,00	40,0	0,8614	59,3	18,893	music wire	4K
T.158.200.0400.I	15,8	2,00	40,0	0,7399	58,7	15,817	stainless steel	4L
T.158.200.0650.A	15,8	2,00	65,0	0,3148	117,5	18,762	music wire	4L
T.158.200.0650.I	15,8	2,00	65,0	0,2704	118,7	16,476	stainless steel	4L
T.158.200.0760.A	15,8	2,00	76,0	0,2461	143,2	18,762	music wire	4L
T.158.200.0760.I	15,8	2,00	76,0	0,2114	144,7	16,476	stainless steel	4L
T.158.200.1020.A	15,8	2,00	102,0	0,1624	203,9	18,762	music wire	4L
T.158.200.1020.I	15,8	2,00	102,0	0,1395	206,2	16,476	stainless steel	4L
T.158.200.1200.A	15,8	2,00	120,0	0,1314	246,8	18,893	music wire	4L
T.158.200.1200.I	15,8	2,00	120,0	0,1129	242,9	15,817	stainless steel	4L
T.158.200.1400.A	15,8	2,00	140,0	0,1084	292,6	18,762	music wire	4L
T.158.200.1400.I	15,8	2,00	140,0	0,0931	296,0	16,476	stainless steel	4L
T.158.200.1590.A	15,8	2,00	159,0	0,0930	336,9	18,762	music wire	4L
T.158.200.1590.I	15,8	2,00	159,0	0,0800	340,9	16,476	stainless steel	4L
T.158.200.1650.A	15,8	2,00	165,0	0,0890	350,9	18,762	music wire	4L
T.158.200.1650.I	15,8	2,00	165,0	0,0764	355,1	16,476	stainless steel	4L
T.158.200.2150.A	15,8	2,00	215,0	0,0655	467,6	18,762	music wire	4L
T.158.200.2150.I	15,8	2,00	215,0	0,0563	473,3	16,476	stainless steel	4L
T.158.200.6220.A	15,8	2,00	622,0	0,0208	1417,4	18,762	music wire	4N
T.158.200.6220.I	15,8	2,00	622,0	0,0179	1435,3	16,476	stainless steel	4N
T.158.220.1620.A	15,8	2,20	162,0	0,1524	301,5	24,361	music wire	4L
T.158.220.1620.I	15,8	2,20	162,0	0,1309	305,1	21,461	stainless steel	4L
T.158.230.0600.A	15,8	2,30	60,0	0,7573	91,8	27,738	music wire	4L
T.158.230.0600.I	15,8	2,30	60,0	0,6505	90,9	23,293	stainless steel	4L
T.158.230.1020.A	15,8	2,30	102,0	0,3448	171,3	27,501	music wire	4L
T.158.230.1020.I	15,8	2,30	102,0	0,2961	173,1	24,264	stainless steel	4L
T.158.230.1200.A	15,8	2,30	120,0	0,2796	205,4	27,501	music wire	4L
T.158.230.1200.I	15,8	2,30	120,0	0,2402	207,7	24,264	stainless steel	4L
T.158.230.1270.A	15,8	2,30	127,0	0,2605	218,6	27,501	music wire	4L
T.158.230.1270.I	15,8	2,30	127,0	0,2238	221,1	24,264	stainless steel	4L
T.158.230.2150.A	15,8	2,30	215,0	0,1400	385,5	27,501	music wire	4L
T.158.230.2150.I	15,8	2,30	215,0	0,1203	390,1	24,264	stainless steel	4M
T.158.240.0920.A	15,8	2,40	92,0	0,5000	145,5	30,875	music wire	4L
T.158.240.0920.I	15,8	2,40	92,0	0,4284	147,0	27,279	stainless steel	4L
T.158.240.0940.A	15,8	2,40	94,0	0,4844	149,1	30,875	music wire	4L
T.158.240.0940.I	15,8	2,40	94,0	0,4160	150,6	27,279	stainless steel	4L
T.158.240.2000.A	15,8	2,40	200,0	0,1919	340,3	31,156	music wire	4L
T.158.240.2000.I	15,8	2,40	200,0	0,1648	336,4	26,188	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.158.250.0890.A	15,8	2,50	89,0	0,6516	134,5	34,485	music wire	4L
T.158.250.0890.I	15,8	2,50	89,0	0,5596	135,9	30,513	stainless steel	4L
T.158.300.0500.A	15,8	3,00	50,0	4,3082	61,0	56,192	music wire	4L
T.158.300.0500.I	15,8	3,00	50,0	3,7003	61,4	50,048	stainless steel	4L
T.158.300.0830.A	15,8	3,00	83,0	1,9544	107,2	56,192	music wire	4L
T.158.300.0830.I	15,8	3,00	83,0	1,6786	108,0	50,048	stainless steel	4L
T.158.300.1400.A	15,8	3,00	140,0	1,0063	187,5	56,863	music wire	4L
T.158.300.1400.I	15,8	3,00	140,0	0,8643	186,3	48,046	stainless steel	4M
T.158.300.2150.A	15,8	3,00	215,0	0,6135	291,9	56,192	music wire	4M
T.158.300.2150.I	15,8	3,00	215,0	0,5270	294,8	50,048	stainless steel	4M
T.159.110.0400.A	15,9	1,10	40,0	0,0438	116,3	3,534	music wire	4F
T.159.110.0400.I	15,9	1,10	40,0	0,0376	113,3	2,924	stainless steel	4F
T.159.110.0650.A	15,9	1,10	65,0	0,0139	305,9	3,531	music wire	4F
T.159.110.0650.I	15,9	1,10	65,0	0,0119	307,0	3,046	stainless steel	4G
T.159.110.0910.A	15,9	1,10	91,0	0,0081	503,5	3,531	music wire	4G
T.159.110.0910.I	15,9	1,10	91,0	0,0070	505,3	3,046	stainless steel	4G
T.159.120.0400.A	15,9	1,20	40,0	0,0679	102,2	4,515	music wire	4F
T.159.120.0400.I	15,9	1,20	40,0	0,0583	99,9	3,742	stainless steel	4G
T.159.120.0890.A	15,9	1,20	89,0	0,0131	410,3	4,507	music wire	4G
T.159.120.0890.I	15,9	1,20	89,0	0,0113	412,5	3,898	stainless steel	4G
T.159.120.1270.A	15,9	1,20	127,0	0,0081	649,1	4,507	music wire	4G
T.159.120.1270.I	15,9	1,20	127,0	0,0069	652,7	3,898	stainless steel	4G
T.159.140.0380.A	15,9	1,40	38,0	0,1728	74,9	6,938	music wire	4G
T.159.140.0380.I	15,9	1,40	38,0	0,1484	75,3	6,027	stainless steel	4H
T.159.140.0450.A	15,9	1,40	45,0	0,1033	106,7	6,938	music wire	4H
T.159.140.0450.I	15,9	1,40	45,0	0,0887	107,4	6,027	stainless steel	4H
T.159.140.0500.A	15,9	1,40	50,0	0,0800	129,4	6,938	music wire	4H
T.159.140.0500.I	15,9	1,40	50,0	0,0689	130,3	6,027	stainless steel	4H
T.159.140.0570.A	15,9	1,40	57,0	0,0611	161,2	6,938	music wire	4H
T.159.140.0570.I	15,9	1,40	57,0	0,0525	162,4	6,027	stainless steel	4H
T.159.140.0600.A	15,9	1,40	60,0	0,0555	174,9	6,938	music wire	4H
T.159.140.0600.I	15,9	1,40	60,0	0,0476	176,2	6,027	stainless steel	4I
T.159.140.0640.A	15,9	1,40	64,0	0,0494	193,0	6,938	music wire	4H
T.159.140.0640.I	15,9	1,40	64,0	0,0424	194,5	6,027	stainless steel	4I
T.159.140.0700.A	15,9	1,40	70,0	0,0424	220,3	6,938	music wire	4H
T.159.140.0700.I	15,9	1,40	70,0	0,0364	222,0	6,027	stainless steel	4I
T.159.140.0760.A	15,9	1,40	76,0	0,0371	247,6	6,938	music wire	4H
T.159.140.0760.I	15,9	1,40	76,0	0,0319	249,5	6,027	stainless steel	4I
T.159.140.0800.A	15,9	1,40	80,0	0,0343	266,2	6,961	music wire	4H
T.159.140.0800.I	15,9	1,40	80,0	0,0295	259,5	5,785	stainless steel	4I
T.159.140.0890.A	15,9	1,40	89,0	0,0293	306,7	6,938	music wire	4H
T.159.140.0890.I	15,9	1,40	89,0	0,0251	309,1	6,027	stainless steel	4I
T.159.140.1020.A	15,9	1,40	102,0	0,0242	365,8	6,938	music wire	4I
T.159.140.1020.I	15,9	1,40	102,0	0,0207	368,7	6,027	stainless steel	4I
T.159.140.1200.A	15,9	1,40	120,0	0,0195	448,6	6,961	music wire	4I
T.159.140.1200.I	15,9	1,40	120,0	0,0167	436,8	5,785	stainless steel	4I
T.159.140.1650.A	15,9	1,40	165,0	0,0131	652,1	6,938	music wire	4I
T.159.140.1650.I	15,9	1,40	165,0	0,0112	657,6	6,027	stainless steel	4I
T.159.140.1720.A	15,9	1,40	172,0	0,0124	683,9	6,938	music wire	4I
T.159.140.1720.I	15,9	1,40	172,0	0,0107	689,7	6,027	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.159.140.2200.A	15,9	1,40	220,0	0,0093	904,1	6,961	music wire	4I
T.159.140.2200.I	15,9	1,40	220,0	0,0080	879,6	5,785	stainless steel	4I
T.159.160.0380.A	15,9	1,60	38,0	0,3321	65,4	10,064	music wire	4I
T.159.160.0380.I	15,9	1,60	38,0	0,2852	65,8	8,776	stainless steel	4I
T.159.160.0450.A	15,9	1,60	45,0	0,2029	89,8	10,064	music wire	4I
T.159.160.0450.I	15,9	1,60	45,0	0,1743	90,5	8,776	stainless steel	4I
T.159.160.0500.A	15,9	1,60	50,0	0,1588	107,3	10,064	music wire	4I
T.159.160.0500.I	15,9	1,60	50,0	0,1364	108,2	8,776	stainless steel	4I
T.159.160.0570.A	15,9	1,60	57,0	0,1218	131,7	10,064	music wire	4I
T.159.160.0570.I	15,9	1,60	57,0	0,1046	132,9	8,776	stainless steel	4I
T.159.160.0600.A	15,9	1,60	60,0	0,1108	142,5	10,110	music wire	4I
T.159.160.0600.I	15,9	1,60	60,0	0,0952	139,7	8,425	stainless steel	4I
T.159.160.0640.A	15,9	1,60	64,0	0,0987	156,2	10,064	music wire	4I
T.159.160.0640.I	15,9	1,60	64,0	0,0848	157,6	8,776	stainless steel	4I
T.159.160.0700.A	15,9	1,60	70,0	0,0850	177,1	10,064	music wire	4I
T.159.160.0700.I	15,9	1,60	70,0	0,0730	178,8	8,776	stainless steel	4I
T.159.160.0760.A	15,9	1,60	76,0	0,0746	198,1	10,064	music wire	4I
T.159.160.0760.I	15,9	1,60	76,0	0,0640	200,0	8,776	stainless steel	4I
T.159.160.0800.A	15,9	1,60	80,0	0,0690	212,6	10,110	music wire	4I
T.159.160.0800.I	15,9	1,60	80,0	0,0592	208,0	8,425	stainless steel	4I
T.159.160.0890.A	15,9	1,60	89,0	0,0589	243,5	10,064	music wire	4I
T.159.160.0890.I	15,9	1,60	89,0	0,0506	245,8	8,776	stainless steel	4I
T.159.160.1020.A	15,9	1,60	102,0	0,0487	288,9	10,064	music wire	4I
T.159.160.1020.I	15,9	1,60	102,0	0,0418	291,7	8,776	stainless steel	4I
T.159.160.1150.A	15,9	1,60	115,0	0,0415	334,3	10,064	music wire	4I
T.159.160.1150.I	15,9	1,60	115,0	0,0357	337,6	8,776	stainless steel	4I
T.159.160.1270.A	15,9	1,60	127,0	0,0365	376,2	10,064	music wire	4I
T.159.160.1270.I	15,9	1,60	127,0	0,0314	380,0	8,776	stainless steel	4I
T.159.160.1380.A	15,9	1,60	138,0	0,0329	414,6	10,064	music wire	4I
T.159.160.1380.I	15,9	1,60	138,0	0,0283	418,8	8,776	stainless steel	4I
T.159.160.2150.A	15,9	1,60	215,0	0,0194	683,4	10,064	music wire	4I
T.159.160.2150.I	15,9	1,60	215,0	0,0167	690,6	8,776	stainless steel	4I
T.159.160.3000.A	15,9	1,60	300,0	0,0134	983,2	10,110	music wire	4J
T.159.160.3000.I	15,9	1,60	300,0	0,0115	960,0	8,425	stainless steel	4J
T.159.175.0400.A	15,9	1,75	40,0	0,4380	66,5	12,975	music wire	4I
T.159.175.0400.I	15,9	1,75	40,0	0,3762	65,7	10,832	stainless steel	4I
T.159.175.0450.A	15,9	1,75	45,0	0,3199	81,1	12,904	music wire	4I
T.159.175.0450.I	15,9	1,75	45,0	0,2747	81,8	11,284	stainless steel	4I
T.159.175.0500.A	15,9	1,75	50,0	0,2517	95,9	12,904	music wire	4I
T.159.175.0500.I	15,9	1,75	50,0	0,2162	96,7	11,284	stainless steel	4I
T.159.175.0570.A	15,9	1,75	57,0	0,1938	116,6	12,904	music wire	4I
T.159.175.0570.I	15,9	1,75	57,0	0,1665	117,7	11,284	stainless steel	4I
T.159.175.0640.A	15,9	1,75	64,0	0,1576	137,3	12,904	music wire	4I
T.159.175.0640.I	15,9	1,75	64,0	0,1354	138,6	11,284	stainless steel	4I
T.159.175.0700.A	15,9	1,75	70,0	0,1358	155,1	12,904	music wire	4I
T.159.175.0700.I	15,9	1,75	70,0	0,1167	156,6	11,284	stainless steel	4I
T.159.175.0760.A	15,9	1,75	76,0	0,1194	172,8	12,904	music wire	4I
T.159.175.0760.I	15,9	1,75	76,0	0,1025	174,6	11,284	stainless steel	4I
T.159.175.0890.A	15,9	1,75	89,0	0,0945	211,3	12,904	music wire	4I
T.159.175.0890.I	15,9	1,75	89,0	0,0812	213,5	11,284	stainless steel	4I



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.159.175.1020.A	15,9	1,75	102,0	0,0782	249,7	12,904	music wire	4I
T.159.175.1020.I	15,9	1,75	102,0	0,0672	252,4	11,284	stainless steel	4I
T.159.175.1150.A	15,9	1,75	115,0	0,0667	288,2	12,904	music wire	4I
T.159.175.1150.I	15,9	1,75	115,0	0,0573	291,3	11,284	stainless steel	4I
T.159.175.1270.A	15,9	1,75	127,0	0,0588	323,7	12,904	music wire	4I
T.159.175.1270.I	15,9	1,75	127,0	0,0505	327,2	11,284	stainless steel	4I
T.159.175.1600.A	15,9	1,75	160,0	0,0442	422,9	12,975	music wire	4I
T.159.175.1600.I	15,9	1,75	160,0	0,0380	414,3	10,832	stainless steel	4I
T.159.175.2200.A	15,9	1,75	220,0	0,0305	600,7	12,975	music wire	4I
T.159.175.2200.I	15,9	1,75	220,0	0,0262	588,2	10,832	stainless steel	4I
T.159.190.2020.A	15,9	1,90	202,0	0,0523	477,0	16,196	music wire	4J
T.159.190.2020.I	15,9	1,90	202,0	0,0449	482,7	14,199	stainless steel	4J
T.159.210.0600.A	15,9	2,10	60,0	0,4597	101,0	21,486	music wire	4L
T.159.210.0600.I	15,9	2,10	60,0	0,3948	99,8	18,007	stainless steel	4L
T.159.210.1480.A	15,9	2,10	148,0	0,1292	292,8	21,325	music wire	4L
T.159.210.1480.I	15,9	2,10	148,0	0,1110	296,3	18,757	stainless steel	4L
T.159.210.3620.A	15,9	2,10	362,0	0,0470	759,8	21,325	music wire	4M
T.159.210.3620.I	15,9	2,10	362,0	0,0404	769,4	18,757	stainless steel	4M
T.159.235.1850.A	15,9	2,35	185,0	0,1831	322,2	28,993	music wire	4L
T.159.235.1850.I	15,9	2,35	185,0	0,1573	326,0	25,598	stainless steel	4L
T.159.240.0480.A	15,9	2,40	48,0	1,4090	66,8	30,700	music wire	4L
T.159.240.0480.I	15,9	2,40	48,0	1,2102	67,4	27,125	stainless steel	4L
T.159.320.0630.A	15,9	3,20	63,0	4,0902	76,5	66,266	music wire	4L
T.159.320.0630.I	15,9	3,20	63,0	3,5131	77,0	59,165	stainless steel	4L
T.159.320.0920.A	15,9	3,20	92,0	2,3908	115,1	66,266	music wire	4L
T.159.320.0920.I	15,9	3,20	92,0	2,0535	116,0	59,165	stainless steel	4M
T.159.320.2000.A	15,9	3,20	200,0	0,9380	259,6	67,115	music wire	4M
T.159.320.2000.I	15,9	3,20	200,0	0,8056	258,2	56,799	stainless steel	4M
T.160.125.0500.A	16,0	1,25	50,0	0,0445	155,1	5,023	music wire	4F
T.160.125.0500.I	16,0	1,25	50,0	0,0383	155,9	4,349	stainless steel	4G
T.160.125.0630.A	16,0	1,25	63,0	0,0279	230,8	5,023	music wire	4F
T.160.125.0630.I	16,0	1,25	63,0	0,0239	232,2	4,349	stainless steel	4G
T.160.125.0760.A	16,0	1,25	76,0	0,0203	307,1	5,034	music wire	4G
T.160.125.0760.I	16,0	1,25	76,0	0,0174	298,5	4,175	stainless steel	4G
T.160.125.0800.A	16,0	1,25	80,0	0,0187	330,0	5,023	music wire	4G
T.160.125.0800.I	16,0	1,25	80,0	0,0161	332,0	4,349	stainless steel	4G
T.160.125.1000.A	16,0	1,25	100,0	0,0135	446,5	5,023	music wire	4G
T.160.125.1000.I	16,0	1,25	100,0	0,0116	449,3	4,349	stainless steel	4G
T.160.125.1250.A	16,0	1,25	125,0	0,0100	592,3	5,023	music wire	4G
T.160.125.1250.I	16,0	1,25	125,0	0,0086	596,0	4,349	stainless steel	4G
T.160.125.1600.A	16,0	1,25	160,0	0,0074	796,3	5,023	music wire	4G
T.160.125.1600.I	16,0	1,25	160,0	0,0063	801,4	4,349	stainless steel	4H
T.160.125.3600.A	16,0	1,25	360,0	0,0029	1962,3	5,023	music wire	4I
T.160.125.3600.I	16,0	1,25	360,0	0,0025	1975,2	4,349	stainless steel	4I
T.160.140.0381.A	16,0	1,40	38,1	0,1699	75,5	6,919	music wire	4G
T.160.140.0381.I	16,0	1,40	38,1	0,1460	74,2	5,751	stainless steel	4H
T.160.140.0410.A	16,0	1,40	41,0	0,1338	88,5	6,919	music wire	4H
T.160.140.0410.I	16,0	1,40	41,0	0,1149	86,8	5,751	stainless steel	4H
T.160.140.0480.A	16,0	1,40	48,0	0,0873	120,8	6,919	music wire	4H
T.160.140.0480.I	16,0	1,40	48,0	0,0750	118,2	5,751	stainless steel	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.160.140.0500.A	16,0	1,40	50,0	0,0793	129,9	6,897	music wire	4H
T.160.140.0500.I	16,0	1,40	50,0	0,0681	130,8	5,990	stainless steel	4H
T.160.140.0508.A	16,0	1,40	50,8	0,0767	133,7	6,919	music wire	4H
T.160.140.0508.I	16,0	1,40	50,8	0,0659	130,7	5,751	stainless steel	4H
T.160.140.0572.A	16,0	1,40	57,2	0,0599	163,4	6,919	music wire	4H
T.160.140.0572.I	16,0	1,40	57,2	0,0514	159,6	5,751	stainless steel	4H
T.160.140.0630.A	16,0	1,40	63,0	0,0500	189,7	6,897	music wire	4H
T.160.140.0630.I	16,0	1,40	63,0	0,0430	191,1	5,990	stainless steel	4I
T.160.140.0635.A	16,0	1,40	63,5	0,0493	192,4	6,919	music wire	4H
T.160.140.0635.I	16,0	1,40	63,5	0,0424	187,8	5,751	stainless steel	4I
T.160.140.0698.A	16,0	1,40	69,8	0,0419	221,5	6,919	music wire	4H
T.160.140.0698.I	16,0	1,40	69,8	0,0360	216,0	5,751	stainless steel	4I
T.160.140.0730.A	16,0	1,40	73,0	0,0389	236,3	6,919	music wire	4H
T.160.140.0730.I	16,0	1,40	73,0	0,0334	230,5	5,751	stainless steel	4I
T.160.140.0800.A	16,0	1,40	80,0	0,0337	267,9	6,897	music wire	4H
T.160.140.0800.I	16,0	1,40	80,0	0,0290	270,0	5,990	stainless steel	4I
T.160.140.1000.A	16,0	1,40	100,0	0,0244	359,9	6,897	music wire	4I
T.160.140.1000.I	16,0	1,40	100,0	0,0209	362,8	5,990	stainless steel	4I
T.160.140.1250.A	16,0	1,40	125,0	0,0181	474,9	6,897	music wire	4I
T.160.140.1250.I	16,0	1,40	125,0	0,0156	478,8	5,990	stainless steel	4I
T.160.140.1600.A	16,0	1,40	160,0	0,0133	635,9	6,897	music wire	4I
T.160.140.1600.I	16,0	1,40	160,0	0,0114	641,3	5,990	stainless steel	4I
T.160.140.3600.A	16,0	1,40	360,0	0,0053	1555,9	6,897	music wire	4J
T.160.140.3600.I	16,0	1,40	360,0	0,0046	1569,4	5,990	stainless steel	4J
T.160.160.0500.A	16,0	1,60	50,0	0,1569	107,7	10,005	music wire	4I
T.160.160.0500.I	16,0	1,60	50,0	0,1348	108,6	8,724	stainless steel	4I
T.160.160.0630.A	16,0	1,60	63,0	0,1000	153,6	10,005	music wire	4I
T.160.160.0630.I	16,0	1,60	63,0	0,0858	155,0	8,724	stainless steel	4I
T.160.160.0800.A	16,0	1,60	80,0	0,0678	213,6	10,005	music wire	4I
T.160.160.0800.I	16,0	1,60	80,0	0,0582	215,7	8,724	stainless steel	4I
T.160.160.0850.A	16,0	1,60	85,0	0,0619	231,8	10,050	music wire	4I
T.160.160.0850.I	16,0	1,60	85,0	0,0532	226,9	8,375	stainless steel	4I
T.160.160.1000.A	16,0	1,60	100,0	0,0491	284,2	10,005	music wire	4I
T.160.160.1000.I	16,0	1,60	100,0	0,0422	287,1	8,724	stainless steel	4I
T.160.160.1110.A	16,0	1,60	111,0	0,0427	324,2	10,050	music wire	4I
T.160.160.1110.I	16,0	1,60	111,0	0,0366	316,9	8,375	stainless steel	4I
T.160.160.1170.A	16,0	1,60	117,0	0,0399	345,2	10,050	music wire	4I
T.160.160.1170.I	16,0	1,60	117,0	0,0342	337,4	8,375	stainless steel	4I
T.160.160.1250.A	16,0	1,60	125,0	0,0366	372,5	10,005	music wire	4I
T.160.160.1250.I	16,0	1,60	125,0	0,0314	376,3	8,724	stainless steel	4I
T.160.160.1600.A	16,0	1,60	160,0	0,0269	496,1	10,005	music wire	4I
T.160.160.1600.I	16,0	1,60	160,0	0,0231	501,2	8,724	stainless steel	4I
T.160.160.1720.A	16,0	1,60	172,0	0,0247	540,1	10,050	music wire	4I
T.160.160.1720.I	16,0	1,60	172,0	0,0212	527,6	8,375	stainless steel	4I
T.160.160.3600.A	16,0	1,60	360,0	0,0108	1202,3	10,005	music wire	4J
T.160.160.3600.I	16,0	1,60	360,0	0,0092	1215,2	8,724	stainless steel	4J
T.160.180.0430.A	16,0	1,80	43,0	0,4104	73,4	13,948	music wire	4I
T.160.180.0430.I	16,0	1,80	43,0	0,3525	72,4	11,652	stainless steel	4J
T.160.180.0500.A	16,0	1,80	50,0	0,2873	93,1	13,868	music wire	4I
T.160.180.0500.I	16,0	1,80	50,0	0,2468	93,9	12,137	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.160.180.0630.A	16,0	1,80	63,0	0,1847	130,1	13,868	music wire	4I
T.160.180.0630.I	16,0	1,80	63,0	0,1586	131,3	12,137	stainless steel	4J
T.160.180.0730.A	16,0	1,80	73,0	0,1448	159,1	13,948	music wire	4J
T.160.180.0730.I	16,0	1,80	73,0	0,1243	156,3	11,652	stainless steel	4J
T.160.180.0800.A	16,0	1,80	80,0	0,1259	178,4	13,868	music wire	4J
T.160.180.0800.I	16,0	1,80	80,0	0,1081	180,3	12,137	stainless steel	4J
T.160.180.0846.A	16,0	1,80	84,6	0,1159	191,5	13,868	music wire	4J
T.160.180.0846.I	16,0	1,80	84,6	0,0996	193,5	12,137	stainless steel	4J
T.160.180.1000.A	16,0	1,80	100,0	0,0916	235,2	13,868	music wire	4J
T.160.180.1000.I	16,0	1,80	100,0	0,0787	237,8	12,137	stainless steel	4J
T.160.180.1060.A	16,0	1,80	106,0	0,0847	253,1	13,948	music wire	4J
T.160.180.1060.I	16,0	1,80	106,0	0,0727	248,4	11,652	stainless steel	4J
T.160.180.1090.A	16,0	1,80	109,0	0,0816	260,8	13,868	music wire	4J
T.160.180.1090.I	16,0	1,80	109,0	0,0700	263,7	12,137	stainless steel	4J
T.160.180.1200.N	16,0	1,80	120,0	0,0720	292,1	13,868	Zn coating	4L
T.160.180.1250.A	16,0	1,80	125,0	0,0683	306,3	13,868	music wire	4J
T.160.180.1250.I	16,0	1,80	125,0	0,0587	309,8	12,137	stainless steel	4J
T.160.180.1340.A	16,0	1,80	134,0	0,0626	331,9	13,868	music wire	4J
T.160.180.1340.I	16,0	1,80	134,0	0,0538	335,6	12,137	stainless steel	4J
T.160.180.1590.A	16,0	1,80	159,0	0,0508	403,0	13,868	music wire	4J
T.160.180.1590.I	16,0	1,80	159,0	0,0436	407,6	12,137	stainless steel	4J
T.160.180.1600.A	16,0	1,80	160,0	0,0504	405,8	13,868	music wire	4J
T.160.180.1600.I	16,0	1,80	160,0	0,0433	410,5	12,137	stainless steel	4J
T.160.180.3600.A	16,0	1,80	360,0	0,0202	974,3	13,868	music wire	4K
T.160.180.3600.I	16,0	1,80	360,0	0,0173	986,0	12,137	stainless steel	4L
T.160.190.0635.A	16,0	1,90	63,5	0,2416	123,0	16,204	music wire	4I
T.160.190.0635.I	16,0	1,90	63,5	0,2075	121,2	13,551	stainless steel	4J
T.160.190.0698.A	16,0	1,90	69,8	0,2068	139,4	16,204	music wire	4I
T.160.190.0698.I	16,0	1,90	69,8	0,1776	137,2	13,551	stainless steel	4J
T.160.190.0700.A	16,0	1,90	70,0	0,2059	139,9	16,204	music wire	4I
T.160.190.0700.I	16,0	1,90	70,0	0,1769	137,7	13,551	stainless steel	4J
T.160.190.0760.A	16,0	1,90	76,0	0,1808	155,6	16,204	music wire	4J
T.160.190.0760.I	16,0	1,90	76,0	0,1553	153,1	13,551	stainless steel	4J
T.160.190.0762.A	16,0	1,90	76,2	0,1801	156,1	16,204	music wire	4J
T.160.190.0762.I	16,0	1,90	76,2	0,1547	153,6	13,551	stainless steel	4J
T.160.190.0889.A	16,0	1,90	88,9	0,1440	188,9	16,204	music wire	4J
T.160.190.0889.I	16,0	1,90	88,9	0,1236	185,7	13,551	stainless steel	4J
T.160.190.0890.A	16,0	1,90	89,0	0,1435	189,3	16,204	music wire	4J
T.160.190.0890.I	16,0	1,90	89,0	0,1233	186,1	13,551	stainless steel	4J
T.160.190.1016.A	16,0	1,90	101,6	0,1196	221,9	16,204	music wire	4J
T.160.190.1016.I	16,0	1,90	101,6	0,1027	218,1	13,551	stainless steel	4J
T.160.190.1020.A	16,0	1,90	102,0	0,1190	222,9	16,204	music wire	4J
T.160.190.1020.I	16,0	1,90	102,0	0,1022	219,1	13,551	stainless steel	4J
T.160.190.1143.A	16,0	1,90	114,3	0,1023	255,0	16,204	music wire	4J
T.160.190.1143.I	16,0	1,90	114,3	0,0879	250,5	13,551	stainless steel	4J
T.160.190.1150.A	16,0	1,90	115,0	0,1014	256,9	16,204	music wire	4J
T.160.190.1150.I	16,0	1,90	115,0	0,0871	252,4	13,551	stainless steel	4J
T.160.200.0500.A	16,0	2,00	50,0	0,4950	83,1	18,544	music wire	4K
T.160.200.0500.I	16,0	2,00	50,0	0,4252	83,8	16,284	stainless steel	4L
T.160.200.0530.A	16,0	2,00	53,0	0,4400	90,2	18,544	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.160.200.0530.I	16,0	2,00	53,0	0,3779	91,0	16,284	stainless steel	4L
T.160.200.0630.A	16,0	2,00	63,0	0,3211	114,0	18,544	music wire	4L
T.160.200.0630.I	16,0	2,00	63,0	0,2758	115,1	16,284	stainless steel	4L
T.160.200.0800.A	16,0	2,00	80,0	0,2200	154,4	18,544	music wire	4L
T.160.200.0800.I	16,0	2,00	80,0	0,1890	156,1	16,284	stainless steel	4L
T.160.200.0870.A	16,0	2,00	87,0	0,1948	171,1	18,544	music wire	4L
T.160.200.0870.I	16,0	2,00	87,0	0,1673	173,0	16,284	stainless steel	4L
T.160.200.1000.A	16,0	2,00	100,0	0,1605	202,0	18,544	music wire	4L
T.160.200.1000.I	16,0	2,00	100,0	0,1379	204,3	16,284	stainless steel	4L
T.160.200.1210.A	16,0	2,00	121,0	0,1251	251,9	18,544	music wire	4L
T.160.200.1210.I	16,0	2,00	121,0	0,1074	254,9	16,284	stainless steel	4L
T.160.200.1250.A	16,0	2,00	125,0	0,1200	261,4	18,544	music wire	4L
T.160.200.1250.I	16,0	2,00	125,0	0,1031	264,5	16,284	stainless steel	4L
T.160.200.1550.A	16,0	2,00	155,0	0,0921	332,8	18,544	music wire	4L
T.160.200.1550.I	16,0	2,00	155,0	0,0791	336,8	16,284	stainless steel	4L
T.160.200.1600.A	16,0	2,00	160,0	0,0887	344,7	18,544	music wire	4L
T.160.200.1600.I	16,0	2,00	160,0	0,0762	348,8	16,284	stainless steel	4L
T.160.200.1700.A	16,0	2,00	170,0	0,0825	369,9	18,673	music wire	4L
T.160.200.1700.I	16,0	2,00	170,0	0,0709	363,7	15,633	stainless steel	4L
T.160.200.1890.A	16,0	2,00	189,0	0,0729	413,7	18,544	music wire	4L
T.160.200.1890.I	16,0	2,00	189,0	0,0626	418,7	16,284	stainless steel	4L
T.160.200.3600.A	16,0	2,00	360,0	0,0356	820,3	18,544	music wire	4M
T.160.200.3600.I	16,0	2,00	360,0	0,0306	830,7	16,284	stainless steel	4M
T.160.220.0500.A	16,0	2,20	50,0	0,8100	75,9	24,082	music wire	4L
T.160.220.0500.I	16,0	2,20	50,0	0,6975	76,6	21,215	stainless steel	4L
T.160.220.0630.A	16,0	2,20	63,0	0,5313	102,6	24,082	music wire	4L
T.160.220.0630.I	16,0	2,20	63,0	0,4563	103,6	21,215	stainless steel	4L
T.160.220.0700.A	16,0	2,20	70,0	0,4473	117,4	24,277	music wire	4L
T.160.220.0700.I	16,0	2,20	70,0	0,3842	116,0	20,367	stainless steel	4L
T.160.220.0760.A	16,0	2,20	76,0	0,3948	129,7	24,277	music wire	4L
T.160.220.0760.I	16,0	2,20	76,0	0,3391	128,2	20,367	stainless steel	4L
T.160.220.0762.A	16,0	2,20	76,2	0,3931	130,2	24,277	music wire	4L
T.160.220.0762.I	16,0	2,20	76,2	0,3376	128,6	20,367	stainless steel	4L
T.160.220.0800.A	16,0	2,20	80,0	0,3659	137,5	24,082	music wire	4L
T.160.220.0800.I	16,0	2,20	80,0	0,3143	139,0	21,215	stainless steel	4L
T.160.220.0889.A	16,0	2,20	88,9	0,3142	156,4	24,277	music wire	4L
T.160.220.0889.I	16,0	2,20	88,9	0,2699	154,4	20,367	stainless steel	4L
T.160.220.0890.A	16,0	2,20	89,0	0,3142	156,5	24,277	music wire	4L
T.160.220.0890.I	16,0	2,20	89,0	0,2699	154,5	20,367	stainless steel	4L
T.160.220.1000.A	16,0	2,20	100,0	0,2678	178,6	24,082	music wire	4L
T.160.220.1000.I	16,0	2,20	100,0	0,2300	180,6	21,215	stainless steel	4L
T.160.220.1016.A	16,0	2,20	101,6	0,2624	182,4	24,277	music wire	4L
T.160.220.1016.I	16,0	2,20	101,6	0,2254	180,1	20,367	stainless steel	4L
T.160.220.1020.A	16,0	2,20	102,0	0,2609	183,3	24,277	music wire	4L
T.160.220.1020.I	16,0	2,20	102,0	0,2241	180,9	20,367	stainless steel	4L
T.160.220.1143.A	16,0	2,20	114,3	0,2248	208,7	24,277	music wire	4L
T.160.220.1143.I	16,0	2,20	114,3	0,1931	205,9	20,367	stainless steel	4L
T.160.220.1150.A	16,0	2,20	115,0	0,2231	210,1	24,277	music wire	4L
T.160.220.1150.I	16,0	2,20	115,0	0,1916	207,3	20,367	stainless steel	4L
T.160.220.1250.A	16,0	2,20	125,0	0,2000	229,9	24,082	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.160.220.1250.I	16,0	2,20	125,0	0,1723	232,6	21,215	stainless steel	4L
T.160.220.1397.A	16,0	2,20	139,7	0,1746	261,2	24,277	music wire	4L
T.160.220.1397.I	16,0	2,20	139,7	0,1500	257,6	20,367	stainless steel	4L
T.160.220.1520.A	16,0	2,20	152,0	0,1579	286,3	24,277	music wire	4L
T.160.220.1520.I	16,0	2,20	152,0	0,1356	282,4	20,367	stainless steel	4L
T.160.220.1524.A	16,0	2,20	152,4	0,1574	287,2	24,277	music wire	4L
T.160.220.1524.I	16,0	2,20	152,4	0,1352	283,3	20,367	stainless steel	4L
T.160.220.1600.A	16,0	2,20	160,0	0,1484	301,8	24,082	music wire	4L
T.160.220.1600.I	16,0	2,20	160,0	0,1275	305,4	21,215	stainless steel	4L
T.160.220.3600.A	16,0	2,20	360,0	0,0597	712,4	24,082	music wire	4M
T.160.220.3600.I	16,0	2,20	360,0	0,0513	721,5	21,215	stainless steel	4M
T.160.320.0506.A	16,0	3,20	50,6	5,7801	60,1	65,926	music wire	4L
T.160.320.0506.I	16,0	3,20	50,6	4,9645	60,5	58,861	stainless steel	4L
T.160.320.0698.A	16,0	3,20	69,8	3,4388	85,8	65,926	music wire	4L
T.160.320.0698.I	16,0	3,20	69,8	2,9536	86,4	58,861	stainless steel	4L
T.160.320.0986.A	16,0	3,20	98,6	2,1391	124,3	65,926	music wire	4L
T.160.320.0986.I	16,0	3,20	98,6	1,8373	125,3	58,861	stainless steel	4M
T.162.130.1020.A	16,2	1,30	102,0	0,0156	432,6	5,539	music wire	4I
T.162.130.1020.I	16,2	1,30	102,0	0,0134	435,6	4,801	stainless steel	4I
T.162.180.2500.A	16,2	1,80	250,0	0,0289	674,1	13,706	music wire	4J
T.162.180.2500.I	16,2	1,80	250,0	0,0248	682,1	11,996	stainless steel	4J
T.162.200.0600.A	16,2	2,00	60,0	0,3389	108,2	18,459	music wire	4L
T.162.200.0600.I	16,2	2,00	60,0	0,2910	106,7	15,453	stainless steel	4L
T.162.200.1460.A	16,2	2,00	146,0	0,0952	316,3	18,331	music wire	4L
T.162.200.1460.I	16,2	2,00	146,0	0,0818	320,1	16,097	stainless steel	4L
T.162.200.1970.A	16,2	2,00	197,0	0,0667	439,9	18,331	music wire	4L
T.162.200.1970.I	16,2	2,00	197,0	0,0573	445,3	16,097	stainless steel	4L
T.163.140.0400.A	16,3	1,40	40,0	0,1425	83,9	6,796	music wire	4H
T.163.140.0400.I	16,3	1,40	40,0	0,1224	82,3	5,649	stainless steel	4H
T.163.140.0950.A	16,3	1,40	95,0	0,0249	345,9	6,775	music wire	4I
T.163.140.0950.I	16,3	1,40	95,0	0,0214	348,7	5,884	stainless steel	4I
T.163.140.2150.A	16,3	1,40	215,0	0,0089	917,9	6,775	music wire	4I
T.163.140.2150.I	16,3	1,40	215,0	0,0076	925,8	5,884	stainless steel	4I
T.163.160.1080.A	16,3	1,60	108,0	0,0419	320,6	9,829	music wire	4I
T.163.160.1080.I	16,3	1,60	108,0	0,0360	323,8	8,571	stainless steel	4I
T.163.210.0970.A	16,3	2,10	97,0	0,2055	186,2	20,841	music wire	4L
T.163.210.0970.I	16,3	2,10	97,0	0,1765	188,4	18,332	stainless steel	4L
T.165.140.0380.A	16,5	1,40	38,0	0,1730	73,7	6,696	music wire	4H
T.165.140.0380.I	16,5	1,40	38,0	0,1486	74,1	5,816	stainless steel	4H
T.165.140.0381.A	16,5	1,40	38,1	0,1711	74,2	6,696	music wire	4H
T.165.140.0381.I	16,5	1,40	38,1	0,1470	74,6	5,816	stainless steel	4H
T.165.140.0444.A	16,5	1,40	44,4	0,1020	104,9	6,696	music wire	4H
T.165.140.0444.I	16,5	1,40	44,4	0,0876	105,6	5,816	stainless steel	4H
T.165.140.0508.A	16,5	1,40	50,8	0,0723	136,2	6,696	music wire	4H
T.165.140.0508.I	16,5	1,40	50,8	0,0621	137,1	5,816	stainless steel	4H
T.165.140.0572.A	16,5	1,40	57,2	0,0560	167,4	6,696	music wire	4H
T.165.140.0572.I	16,5	1,40	57,2	0,0481	168,6	5,816	stainless steel	4H
T.165.140.0635.A	16,5	1,40	63,5	0,0459	198,1	6,696	music wire	4H
T.165.140.0635.I	16,5	1,40	63,5	0,0394	199,7	5,816	stainless steel	4I
T.165.140.0698.A	16,5	1,40	69,8	0,0388	228,9	6,696	music wire	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.165.140.0698.I	16,5	1,40	69,8	0,0333	230,7	5,816	stainless steel	4I
T.165.140.0762.A	16,5	1,40	76,2	0,0336	260,1	6,696	music wire	4H
T.165.140.0762.I	16,5	1,40	76,2	0,0288	262,2	5,816	stainless steel	4I
T.165.140.0889.A	16,5	1,40	88,9	0,0265	322,1	6,696	music wire	4I
T.165.140.0889.I	16,5	1,40	88,9	0,0227	324,7	5,816	stainless steel	4I
T.165.140.0890.A	16,5	1,40	89,0	0,0264	322,6	6,696	music wire	4I
T.165.140.0890.I	16,5	1,40	89,0	0,0227	325,2	5,816	stainless steel	4I
T.165.140.1016.A	16,5	1,40	101,6	0,0219	384,1	6,696	music wire	4I
T.165.140.1016.I	16,5	1,40	101,6	0,0188	387,3	5,816	stainless steel	4I
T.165.140.1020.A	16,5	1,40	102,0	0,0217	386,0	6,696	music wire	4I
T.165.140.1020.I	16,5	1,40	102,0	0,0187	389,2	5,816	stainless steel	4I
T.165.160.0380.A	16,5	1,60	38,0	0,3295	64,8	9,715	music wire	4I
T.165.160.0380.I	16,5	1,60	38,0	0,2830	65,2	8,472	stainless steel	4I
T.165.160.0381.A	16,5	1,60	38,1	0,3262	65,1	9,715	music wire	4I
T.165.160.0381.I	16,5	1,60	38,1	0,2802	65,6	8,472	stainless steel	4I
T.165.160.0444.A	16,5	1,60	44,4	0,1993	88,7	9,715	music wire	4I
T.165.160.0444.I	16,5	1,60	44,4	0,1712	89,3	8,472	stainless steel	4I
T.165.160.0450.A	16,5	1,60	45,0	0,1922	90,9	9,715	music wire	4I
T.165.160.0450.I	16,5	1,60	45,0	0,1651	91,6	8,472	stainless steel	4I
T.165.160.0508.A	16,5	1,60	50,8	0,1429	112,5	9,715	music wire	4I
T.165.160.0508.I	16,5	1,60	50,8	0,1227	113,5	8,472	stainless steel	4I
T.165.160.0572.A	16,5	1,60	57,2	0,1114	136,4	9,715	music wire	4I
T.165.160.0572.I	16,5	1,60	57,2	0,0956	137,6	8,472	stainless steel	4I
T.165.160.0635.A	16,5	1,60	63,5	0,0915	159,9	9,715	music wire	4I
T.165.160.0635.I	16,5	1,60	63,5	0,0786	161,4	8,472	stainless steel	4I
T.165.160.0698.A	16,5	1,60	69,8	0,0776	183,5	9,715	music wire	4I
T.165.160.0698.I	16,5	1,60	69,8	0,0667	185,2	8,472	stainless steel	4I
T.165.160.0762.A	16,5	1,60	76,2	0,0673	207,3	9,715	music wire	4I
T.165.160.0762.I	16,5	1,60	76,2	0,0578	209,3	8,472	stainless steel	4I
T.165.160.0889.A	16,5	1,60	88,9	0,0532	254,7	9,715	music wire	4I
T.165.160.0889.I	16,5	1,60	88,9	0,0457	257,3	8,472	stainless steel	4I
T.165.160.1016.A	16,5	1,60	101,6	0,0440	302,1	9,715	music wire	4I
T.165.160.1016.I	16,5	1,60	101,6	0,0378	305,2	8,472	stainless steel	4I
T.165.160.1020.A	16,5	1,60	102,0	0,0438	303,6	9,715	music wire	4I
T.165.160.1020.I	16,5	1,60	102,0	0,0376	306,7	8,472	stainless steel	4I
T.165.160.1143.A	16,5	1,60	114,3	0,0375	349,5	9,715	music wire	4I
T.165.160.1143.I	16,5	1,60	114,3	0,0322	353,1	8,472	stainless steel	4I
T.165.160.1150.A	16,5	1,60	115,0	0,0372	352,2	9,715	music wire	4I
T.165.160.1150.I	16,5	1,60	115,0	0,0320	355,8	8,472	stainless steel	4I
T.165.160.1270.A	16,5	1,60	127,0	0,0327	396,9	9,715	music wire	4I
T.165.160.1270.I	16,5	1,60	127,0	0,0281	401,1	8,472	stainless steel	4I
T.165.170.0380.A	16,5	1,70	38,0	0,4449	61,4	11,557	music wire	4I
T.165.170.0380.I	16,5	1,70	38,0	0,3821	60,7	9,643	stainless steel	4I
T.165.175.0380.A	16,5	1,75	38,0	0,5047	60,3	12,529	music wire	4I
T.165.175.0380.I	16,5	1,75	38,0	0,4334	59,6	10,460	stainless steel	4I
T.165.175.0381.A	16,5	1,75	38,1	0,5047	60,4	12,529	music wire	4I
T.165.175.0381.I	16,5	1,75	38,1	0,4334	59,7	10,460	stainless steel	4I
T.165.175.0444.A	16,5	1,75	44,4	0,3129	80,2	12,460	music wire	4I
T.165.175.0444.I	16,5	1,75	44,4	0,2688	80,8	10,896	stainless steel	4I
T.165.175.0508.A	16,5	1,75	50,8	0,2261	100,4	12,460	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.165.175.0508.I	16,5	1,75	50,8	0,1942	101,3	10,896	stainless steel	4I
T.165.175.0572.A	16,5	1,75	57,2	0,1769	120,5	12,460	music wire	4I
T.165.175.0572.I	16,5	1,75	57,2	0,1520	121,7	10,896	stainless steel	4I
T.165.175.0635.A	16,5	1,75	63,5	0,1457	140,4	12,460	music wire	4I
T.165.175.0635.I	16,5	1,75	63,5	0,1252	141,8	10,896	stainless steel	4I
T.165.175.0640.A	16,5	1,75	64,0	0,1437	141,9	12,460	music wire	4I
T.165.175.0640.I	16,5	1,75	64,0	0,1235	143,3	10,896	stainless steel	4I
T.165.175.0698.A	16,5	1,75	69,8	0,1239	160,2	12,460	music wire	4I
T.165.175.0698.I	16,5	1,75	69,8	0,1064	161,8	10,896	stainless steel	4I
T.165.175.0760.A	16,5	1,75	76,0	0,1080	179,7	12,460	music wire	4I
T.165.175.0760.I	16,5	1,75	76,0	0,0928	181,6	10,896	stainless steel	4I
T.165.175.0762.A	16,5	1,75	76,2	0,1075	180,4	12,460	music wire	4I
T.165.175.0762.I	16,5	1,75	76,2	0,0924	182,3	10,896	stainless steel	4I
T.165.175.0889.A	16,5	1,75	88,9	0,0852	220,4	12,460	music wire	4I
T.165.175.0889.I	16,5	1,75	88,9	0,0732	222,8	10,896	stainless steel	4I
T.165.175.1016.A	16,5	1,75	101,6	0,0706	260,4	12,460	music wire	4I
T.165.175.1016.I	16,5	1,75	101,6	0,0606	263,3	10,896	stainless steel	4I
T.165.175.1020.A	16,5	1,75	102,0	0,0700	261,6	12,460	music wire	4I
T.165.175.1020.I	16,5	1,75	102,0	0,0603	264,5	10,896	stainless steel	4I
T.165.175.1143.A	16,5	1,75	114,3	0,0602	300,4	12,460	music wire	4I
T.165.175.1143.I	16,5	1,75	114,3	0,0517	303,8	10,896	stainless steel	4I
T.165.175.1150.A	16,5	1,75	115,0	0,0597	302,6	12,460	music wire	4I
T.165.175.1150.I	16,5	1,75	115,0	0,0513	306,0	10,896	stainless steel	4I
T.165.175.1270.A	16,5	1,75	127,0	0,0525	340,4	12,460	music wire	4I
T.165.175.1270.I	16,5	1,75	127,0	0,0451	344,2	10,896	stainless steel	4I
T.165.180.0380.A	16,5	1,80	38,0	0,5805	58,9	13,550	music wire	4I
T.165.180.0380.I	16,5	1,80	38,0	0,4986	58,2	11,319	stainless steel	4I
T.165.190.0380.A	16,5	1,90	38,0	0,7618	56,4	15,743	music wire	4I
T.165.190.0380.I	16,5	1,90	38,0	0,6543	55,8	13,166	stainless steel	4I
T.165.190.0381.A	16,5	1,90	38,1	0,7484	56,8	15,743	music wire	4I
T.165.190.0381.I	16,5	1,90	38,1	0,6428	56,3	13,166	stainless steel	4I
T.165.200.0380.A	16,5	2,00	38,0	0,9721	54,5	18,146	music wire	4K
T.165.200.0380.I	16,5	2,00	38,0	0,8350	54,0	15,191	stainless steel	4L
T.166.160.0730.A	16,6	1,60	73,0	0,0710	196,7	9,660	music wire	4I
T.166.160.0730.I	16,6	1,60	73,0	0,0610	198,6	8,423	stainless steel	4I
T.166.180.0440.A	16,6	1,80	44,0	0,3665	76,8	13,395	music wire	4I
T.166.180.0440.I	16,6	1,80	44,0	0,3148	77,4	11,723	stainless steel	4J
T.167.140.0570.A	16,7	1,40	57,0	0,0550	168,1	6,618	music wire	4H
T.167.140.0570.I	16,7	1,40	57,0	0,0473	169,3	5,749	stainless steel	4H
T.167.140.0640.A	16,7	1,40	64,0	0,0440	203,1	6,618	music wire	4H
T.167.140.0640.I	16,7	1,40	64,0	0,0378	204,6	5,749	stainless steel	4I
T.167.140.0700.A	16,7	1,40	70,0	0,0375	233,0	6,618	music wire	4H
T.167.140.0700.I	16,7	1,40	70,0	0,0322	234,9	5,749	stainless steel	4I
T.167.140.0890.A	16,7	1,40	89,0	0,0256	327,9	6,618	music wire	4I
T.167.140.0890.I	16,7	1,40	89,0	0,0220	330,6	5,749	stainless steel	4I
T.167.140.2200.A	16,7	1,40	220,0	0,0080	984,9	6,639	music wire	4I
T.167.140.2200.I	16,7	1,40	220,0	0,0069	957,7	5,519	stainless steel	4I
T.167.160.0830.A	16,7	1,60	83,0	0,0570	236,1	9,604	music wire	4I
T.167.160.0830.I	16,7	1,60	83,0	0,0490	238,5	8,375	stainless steel	4I
T.167.160.0890.A	16,7	1,60	89,0	0,0514	259,0	9,604	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.167.160.0890.I	16,7	1,60	89,0	0,0441	261,6	8,375	stainless steel	4I
T.167.160.3000.A	16,7	1,60	300,0	0,0114	1067,4	9,648	music wire	4J
T.167.160.3000.I	16,7	1,60	300,0	0,0098	1041,4	8,040	stainless steel	4J
T.170.140.0760.A	17,0	1,40	76,0	0,0312	269,4	6,527	music wire	4H
T.170.140.0760.I	17,0	1,40	76,0	0,0268	262,5	5,425	stainless steel	4I
T.170.160.0397.A	17,0	1,60	39,7	0,2786	70,6	9,442	music wire	4I
T.170.160.0397.I	17,0	1,60	39,7	0,2393	71,1	8,234	stainless steel	4I
T.170.160.0493.A	17,0	1,60	49,3	0,1455	108,4	9,442	music wire	4I
T.170.160.0493.I	17,0	1,60	49,3	0,1250	109,3	8,234	stainless steel	4I
T.170.160.0630.A	17,0	1,60	63,0	0,0866	162,8	9,485	music wire	4I
T.170.160.0630.I	17,0	1,60	63,0	0,0744	159,4	7,905	stainless steel	4I
T.170.160.0700.A	17,0	1,60	70,0	0,0717	190,6	9,485	music wire	4I
T.170.160.0700.I	17,0	1,60	70,0	0,0616	186,5	7,905	stainless steel	4I
T.170.160.1200.A	17,0	1,60	120,0	0,0322	387,1	9,442	music wire	4I
T.170.160.1200.I	17,0	1,60	120,0	0,0277	391,2	8,234	stainless steel	4I
T.170.160.3000.A	17,0	1,60	300,0	0,0108	1100,0	9,485	music wire	4J
T.170.160.3000.I	17,0	1,60	300,0	0,0093	1073,1	7,905	stainless steel	4J
T.172.125.0398.A	17,2	1,25	39,8	0,0837	92,4	4,683	music wire	4F
T.172.125.0398.I	17,2	1,25	39,8	0,0719	92,8	4,055	stainless steel	4G
T.172.125.0561.A	17,2	1,25	56,1	0,0301	202,3	4,683	music wire	4F
T.172.125.0561.I	17,2	1,25	56,1	0,0259	203,5	4,055	stainless steel	4G
T.172.125.0708.A	17,2	1,25	70,8	0,0191	301,5	4,683	music wire	4G
T.172.125.0708.I	17,2	1,25	70,8	0,0164	303,4	4,055	stainless steel	4G
T.172.125.0919.A	17,2	1,25	91,9	0,0125	443,8	4,683	music wire	4G
T.172.125.0919.I	17,2	1,25	91,9	0,0107	446,7	4,055	stainless steel	4G
T.172.125.2200.A	17,2	1,25	220,0	0,0040	1310,4	4,693	music wire	4I
T.172.125.2200.I	17,2	1,25	220,0	0,0035	1270,2	3,893	stainless steel	4I
T.172.125.3000.A	17,2	1,25	300,0	0,0028	1851,0	4,693	music wire	4I
T.172.125.3000.I	17,2	1,25	300,0	0,0024	1793,8	3,893	stainless steel	4I
T.174.112.1410.A	17,4	1,12	141,0	0,0038	996,7	3,402	music wire	4G
T.174.112.1410.I	17,4	1,12	141,0	0,0033	1000,9	2,936	stainless steel	4H
T.174.200.0600.A	17,4	2,00	60,0	0,2861	113,8	17,266	music wire	4L
T.174.200.0600.I	17,4	2,00	60,0	0,2457	112,2	14,455	stainless steel	4L
T.174.200.0890.A	17,4	2,00	89,0	0,1483	192,1	17,146	music wire	4L
T.174.200.0890.I	17,4	2,00	89,0	0,1274	194,4	15,057	stainless steel	4L
T.174.200.1360.A	17,4	2,00	136,0	0,0833	319,5	17,146	music wire	4L
T.174.200.1360.I	17,4	2,00	136,0	0,0715	323,6	15,057	stainless steel	4L
T.174.200.1400.A	17,4	2,00	140,0	0,0803	330,4	17,146	music wire	4L
T.174.200.1400.I	17,4	2,00	140,0	0,0689	334,6	15,057	stainless steel	4L
T.174.230.1200.A	17,4	2,30	120,0	0,2068	226,9	25,178	music wire	4L
T.174.230.1200.I	17,4	2,30	120,0	0,1776	229,8	22,214	stainless steel	4L
T.175.160.2150.A	17,5	1,60	215,0	0,0144	798,9	9,184	music wire	4I
T.175.160.2150.I	17,5	1,60	215,0	0,0124	807,8	8,009	stainless steel	4I
T.175.210.1430.A	17,5	2,10	143,0	0,0997	316,6	19,509	music wire	4L
T.175.210.1430.I	17,5	2,10	143,0	0,0856	320,8	17,160	stainless steel	4L
T.175.270.0650.A	17,5	2,70	65,0	1,1835	93,2	38,760	music wire	4L
T.175.270.0650.I	17,5	2,70	65,0	1,0165	94,2	34,390	stainless steel	4L
T.175.270.1020.A	17,5	2,70	102,0	0,6000	157,7	38,760	music wire	4L
T.175.270.1020.I	17,5	2,70	102,0	0,5157	159,5	34,390	stainless steel	4L
T.175.270.1080.A	17,5	2,70	108,0	0,5560	168,1	38,760	music wire	4L



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.175.270.1080.I	17,5	2,70	108,0	0,4776	170,1	34,390	stainless steel	4L
T.175.270.1850.A	17,5	2,70	185,0	0,2852	302,2	38,760	music wire	4M
T.175.270.1850.I	17,5	2,70	185,0	0,2450	306,1	34,390	stainless steel	4M
T.175.270.3200.A	17,5	2,70	320,0	0,1538	539,7	39,171	music wire	4M
T.175.270.3200.I	17,5	2,70	320,0	0,1321	534,1	33,014	stainless steel	4M
T.176.160.0438.A	17,6	1,60	43,8	0,1946	86,7	9,134	music wire	4I
T.176.160.0438.I	17,6	1,60	43,8	0,1672	87,4	7,965	stainless steel	4I
T.176.160.0646.A	17,6	1,60	64,6	0,0763	174,2	9,134	music wire	4I
T.176.160.0646.I	17,6	1,60	64,6	0,0655	175,9	7,965	stainless steel	4I
T.176.160.0800.A	17,6	1,60	80,0	0,0526	239,6	9,176	music wire	4I
T.176.160.0800.I	17,6	1,60	80,0	0,0452	234,3	7,647	stainless steel	4I
T.176.160.0886.A	17,6	1,60	88,6	0,0448	275,1	9,134	music wire	4I
T.176.160.0886.I	17,6	1,60	88,6	0,0385	277,9	7,965	stainless steel	4I
T.176.160.0998.A	17,6	1,60	99,8	0,0376	322,2	9,134	music wire	4I
T.176.160.0998.I	17,6	1,60	99,8	0,0323	325,6	7,965	stainless steel	4I
T.176.160.1110.A	17,6	1,60	111,0	0,0324	369,3	9,134	music wire	4I
T.176.160.1110.I	17,6	1,60	111,0	0,0278	373,2	7,965	stainless steel	4I
T.176.160.1230.A	17,6	1,60	123,0	0,0282	419,7	9,134	music wire	4I
T.176.160.1230.I	17,6	1,60	123,0	0,0242	424,2	7,965	stainless steel	4I
T.176.160.1360.A	17,6	1,60	136,0	0,0247	474,4	9,134	music wire	4I
T.176.160.1360.I	17,6	1,60	136,0	0,0212	479,5	7,965	stainless steel	4I
T.176.160.1490.A	17,6	1,60	149,0	0,0220	529,0	9,134	music wire	4I
T.176.160.1490.I	17,6	1,60	149,0	0,0189	534,8	7,965	stainless steel	4I
T.176.160.2200.A	17,6	1,60	220,0	0,0138	830,3	9,176	music wire	4I
T.176.160.2200.I	17,6	1,60	220,0	0,0118	809,8	7,647	stainless steel	4J
T.176.160.3000.A	17,6	1,60	300,0	0,0097	1167,8	9,176	music wire	4J
T.176.160.3000.I	17,6	1,60	300,0	0,0083	1138,7	7,647	stainless steel	4J
T.178.270.0670.A	17,8	2,70	67,0	1,0749	97,7	38,173	music wire	4L
T.178.270.0670.I	17,8	2,70	67,0	0,9232	98,7	33,869	stainless steel	4L
T.178.300.0480.A	17,8	3,00	48,0	3,5684	60,1	50,718	music wire	4L
T.178.300.0480.I	17,8	3,00	48,0	3,0649	60,6	45,173	stainless steel	4L
T.179.235.1040.A	17,9	2,35	104,0	0,2581	192,5	26,017	music wire	4L
T.179.235.1040.I	17,9	2,35	104,0	0,2216	195,0	22,971	stainless steel	4L
T.180.200.0484.A	18,0	2,00	48,4	0,4326	82,7	16,608	music wire	4L
T.180.200.0484.I	18,0	2,00	48,4	0,3715	83,5	14,584	stainless steel	4L
T.180.200.0874.A	18,0	2,00	87,4	0,1387	194,5	16,608	music wire	4L
T.180.200.0874.I	18,0	2,00	87,4	0,1191	196,9	14,584	stainless steel	4L
T.180.200.1040.A	18,0	2,00	104,0	0,1076	242,1	16,608	music wire	4L
T.180.200.1040.I	18,0	2,00	104,0	0,0924	245,2	14,584	stainless steel	4L
T.180.200.1180.A	18,0	2,00	118,0	0,0904	282,2	16,608	music wire	4L
T.180.200.1180.I	18,0	2,00	118,0	0,0777	285,9	14,584	stainless steel	4L
T.180.200.1320.A	18,0	2,00	132,0	0,0780	322,4	16,608	music wire	4L
T.180.200.1320.I	18,0	2,00	132,0	0,0670	326,7	14,584	stainless steel	4L
T.180.200.1480.A	18,0	2,00	148,0	0,0674	368,2	16,608	music wire	4L
T.180.200.1480.I	18,0	2,00	148,0	0,0579	373,2	14,584	stainless steel	4L
T.180.200.1640.A	18,0	2,00	164,0	0,0594	414,1	16,608	music wire	4L
T.180.200.1640.I	18,0	2,00	164,0	0,0510	419,7	14,584	stainless steel	4L
T.180.200.1800.A	18,0	2,00	180,0	0,0531	460,0	16,608	music wire	4L
T.180.200.1800.I	18,0	2,00	180,0	0,0456	466,3	14,584	stainless steel	4L
T.180.250.0483.A	18,0	2,50	48,3	1,3493	68,1	30,653	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.180.250.0483.I	18,0	2,50	48,3	1,1589	68,7	27,122	stainless steel	4L
T.180.250.0633.A	18,0	2,50	63,3	0,7677	98,1	30,653	music wire	4L
T.180.250.0633.I	18,0	2,50	63,3	0,6594	99,2	27,122	stainless steel	4L
T.180.250.1230.A	18,0	2,50	123,0	0,2827	217,6	30,653	music wire	4L
T.180.250.1230.I	18,0	2,50	123,0	0,2428	220,5	27,122	stainless steel	4L
T.180.300.1055.A	18,0	3,00	105,5	0,9344	151,4	50,223	music wire	4L
T.180.300.1055.I	18,0	3,00	105,5	0,8025	153,1	44,732	stainless steel	4L
T.180.300.1235.A	18,0	3,00	123,5	0,7601	180,0	50,223	music wire	4L
T.180.300.1235.I	18,0	3,00	123,5	0,6529	182,0	44,732	stainless steel	4M
T.180.300.1445.A	18,0	3,00	144,5	0,6243	213,2	50,223	music wire	4M
T.180.300.1445.I	18,0	3,00	144,5	0,5362	215,8	44,732	stainless steel	4M
T.180.300.1625.A	18,0	3,00	162,5	0,5413	241,8	50,223	music wire	4M
T.180.300.1625.I	18,0	3,00	162,5	0,4649	244,7	44,732	stainless steel	4M
T.180.300.1835.A	18,0	3,00	183,5	0,4687	275,1	50,223	music wire	4M
T.180.300.1835.I	18,0	3,00	183,5	0,4026	278,4	44,732	stainless steel	4M
T.180.300.2075.A	18,0	3,00	207,5	0,4064	313,1	50,223	music wire	4M
T.180.300.2075.I	18,0	3,00	207,5	0,3490	317,0	44,732	stainless steel	4M
T.180.300.2315.A	18,0	3,00	231,5	0,3587	351,1	50,223	music wire	4M
T.180.300.2315.I	18,0	3,00	231,5	0,3081	355,6	44,732	stainless steel	4M
T.180.360.0569.A	18,0	3,60	56,9	6,5078	67,3	81,511	music wire	5C
T.180.360.0569.I	18,0	3,60	56,9	5,5895	67,8	73,112	stainless steel	5C
T.180.360.0635.A	18,0	3,60	63,5	5,4061	76,3	82,688	music wire	5C
T.180.360.0635.I	18,0	3,60	63,5	4,6433	76,0	70,187	stainless steel	5C
T.180.360.0698.A	18,0	3,60	69,8	4,6213	84,7	82,688	music wire	5C
T.180.360.0698.I	18,0	3,60	69,8	3,9693	84,4	70,187	stainless steel	5C
T.180.360.0785.A	18,0	3,60	78,5	3,8705	96,1	81,511	music wire	5C
T.180.360.0785.I	18,0	3,60	78,5	3,3243	96,8	73,112	stainless steel	5C
T.180.360.0889.A	18,0	3,60	88,9	3,2376	110,2	82,688	music wire	5C
T.180.360.0889.I	18,0	3,60	88,9	2,7807	109,8	70,187	stainless steel	5C
T.180.360.1110.A	18,0	3,60	111,0	2,4044	139,3	81,511	music wire	5C
T.180.360.1110.I	18,0	3,60	111,0	2,0651	140,5	73,112	stainless steel	5C
T.180.360.1650.A	18,0	3,60	165,0	1,4757	211,1	81,511	music wire	5C
T.180.360.1650.I	18,0	3,60	165,0	1,2674	213,1	73,112	stainless steel	5C
T.180.360.2370.A	18,0	3,60	237,0	0,9740	306,8	81,511	music wire	5C
T.180.360.2370.I	18,0	3,60	237,0	0,8366	309,9	73,112	stainless steel	5C
T.182.190.3680.A	18,2	1,90	368,0	0,0173	1111,8	14,261	music wire	4L
T.182.190.3680.I	18,2	1,90	368,0	0,0148	1127,2	12,502	stainless steel	4L
T.182.280.1460.A	18,2	2,80	146,0	0,4068	233,6	41,291	music wire	4M
T.182.280.1460.I	18,2	2,80	146,0	0,3494	236,6	36,684	stainless steel	4M
T.182.300.0810.A	18,2	3,00	81,0	1,3152	113,4	49,737	music wire	4L
T.182.300.0810.I	18,2	3,00	81,0	1,1296	114,6	44,299	stainless steel	4L
T.182.300.0830.A	18,2	3,00	83,0	1,2679	116,6	49,737	music wire	4L
T.182.300.0830.I	18,2	3,00	83,0	1,0890	117,8	44,299	stainless steel	4L
T.182.300.1800.A	18,2	3,00	180,0	0,4616	273,3	50,331	music wire	4M
T.182.300.1800.I	18,2	3,00	180,0	0,3965	271,1	42,527	stainless steel	4M
T.182.310.0650.A	18,2	3,10	65,0	2,2351	85,7	54,312	music wire	4L
T.182.310.0650.I	18,2	3,10	65,0	1,9198	86,5	48,433	stainless steel	4L
T.183.250.0750.A	18,3	2,50	75,0	0,5495	123,0	30,192	music wire	4L
T.183.250.0750.I	18,3	2,50	75,0	0,4720	124,5	26,715	stainless steel	4L
T.183.270.0380.A	18,3	2,70	38,0	4,0531	46,0	37,231	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.183.270.0380.I	18,3	2,70	38,0	3,4812	46,2	33,033	stainless steel	4L
T.185.200.0410.A	18,5	2,00	41,0	0,7257	61,1	16,297	music wire	4K
T.185.200.0410.I	18,5	2,00	41,0	0,6233	60,5	13,643	stainless steel	4L
T.185.200.0416.A	18,5	2,00	41,6	0,6846	63,0	16,297	music wire	4K
T.185.200.0416.I	18,5	2,00	41,6	0,5880	62,3	13,643	stainless steel	4L
T.185.250.0541.A	18,5	2,50	54,1	0,9874	80,6	29,893	music wire	4L
T.185.250.0541.I	18,5	2,50	54,1	0,8480	81,4	26,449	stainless steel	4L
T.185.250.0620.A	18,5	2,50	62,0	0,7474	97,0	29,893	music wire	4L
T.185.250.0620.I	18,5	2,50	62,0	0,6419	98,1	26,449	stainless steel	4L
T.185.250.0800.A	18,5	2,50	80,0	0,4810	134,9	30,180	music wire	4L
T.185.250.0800.I	18,5	2,50	80,0	0,4131	133,5	25,391	stainless steel	4L
T.185.250.0866.A	18,5	2,50	86,6	0,4254	148,1	29,893	music wire	4L
T.185.250.0866.I	18,5	2,50	86,6	0,3654	150,0	26,449	stainless steel	4L
T.185.250.1000.A	18,5	2,50	100,0	0,3445	176,7	30,180	music wire	4L
T.185.250.1000.I	18,5	2,50	100,0	0,2959	174,7	25,391	stainless steel	4L
T.185.250.1200.A	18,5	2,50	120,0	0,2684	218,4	30,180	music wire	4L
T.185.250.1200.I	18,5	2,50	120,0	0,2305	215,9	25,391	stainless steel	4L
T.185.250.1240.A	18,5	2,50	124,0	0,2570	225,8	29,893	music wire	4L
T.185.250.1240.I	18,5	2,50	124,0	0,2208	228,9	26,449	stainless steel	4L
T.185.250.1410.A	18,5	2,50	141,0	0,2178	261,1	29,893	music wire	4L
T.185.250.1410.I	18,5	2,50	141,0	0,1871	264,8	26,449	stainless steel	4M
T.185.250.1590.A	18,5	2,50	159,0	0,1876	298,5	29,893	music wire	4L
T.185.250.1590.I	18,5	2,50	159,0	0,1611	302,7	26,449	stainless steel	4M
T.185.250.1790.A	18,5	2,50	179,0	0,1625	340,1	29,893	music wire	4M
T.185.250.1790.I	18,5	2,50	179,0	0,1395	344,9	26,449	stainless steel	4M
T.185.250.1990.A	18,5	2,50	199,0	0,1433	381,6	29,893	music wire	4M
T.185.250.1990.I	18,5	2,50	199,0	0,1231	387,1	26,449	stainless steel	4M
T.185.250.2190.A	18,5	2,50	219,0	0,1282	423,2	29,893	music wire	4M
T.185.250.2190.I	18,5	2,50	219,0	0,1100	429,3	26,449	stainless steel	4M
T.186.160.0980.A	18,6	1,60	98,0	0,0331	338,6	8,662	music wire	4I
T.186.160.0980.I	18,6	1,60	98,0	0,0285	342,3	7,554	stainless steel	4I
T.186.200.0400.A	18,6	2,00	40,0	0,8099	58,0	16,214	music wire	4K
T.186.200.0400.I	18,6	2,00	40,0	0,6956	57,4	13,574	stainless steel	4L
T.186.200.0650.A	18,6	2,00	65,0	0,2109	133,6	16,101	music wire	4L
T.186.200.0650.I	18,6	2,00	65,0	0,1811	135,1	14,140	stainless steel	4L
T.186.200.1000.A	18,6	2,00	100,0	0,1036	240,5	16,214	music wire	4L
T.186.200.1000.I	18,6	2,00	100,0	0,0890	236,3	13,574	stainless steel	4L
T.186.200.1200.A	18,6	2,00	120,0	0,0803	301,4	16,214	music wire	4L
T.186.200.1200.I	18,6	2,00	120,0	0,0689	295,9	13,574	stainless steel	4L
T.186.200.1470.A	18,6	2,00	147,0	0,0615	381,9	16,101	music wire	4L
T.186.200.1470.I	18,6	2,00	147,0	0,0529	387,1	14,140	stainless steel	4L
T.186.200.1600.A	18,6	2,00	160,0	0,0553	421,2	16,101	music wire	4L
T.186.200.1600.I	18,6	2,00	160,0	0,0475	427,1	14,140	stainless steel	4L
T.186.200.2200.A	18,6	2,00	220,0	0,0377	605,6	16,214	music wire	4M
T.186.200.2200.I	18,6	2,00	220,0	0,0324	594,1	13,574	stainless steel	4M
T.186.230.0950.A	18,6	2,30	95,0	0,2340	184,4	23,670	music wire	4L
T.186.230.0950.I	18,6	2,30	95,0	0,2010	186,9	20,883	stainless steel	4L
T.187.235.0800.A	18,7	2,35	80,0	0,3369	146,0	25,206	music wire	4L
T.187.235.0800.I	18,7	2,35	80,0	0,2894	144,2	21,177	stainless steel	4L
T.187.235.1460.A	18,7	2,35	146,0	0,1444	298,6	24,984	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.187.235.1460.I	18,7	2,35	146,0	0,1241	302,9	22,059	stainless steel	4L
T.187.235.2000.A	18,7	2,35	200,0	0,0985	423,9	24,984	music wire	4M
T.187.235.2000.I	18,7	2,35	200,0	0,0846	430,2	22,059	stainless steel	4M
T.187.250.2030.A	18,7	2,50	203,0	0,1352	394,9	29,598	music wire	4M
T.187.250.2030.I	18,7	2,50	203,0	0,1161	400,7	26,189	stainless steel	4M
T.187.270.0450.A	18,7	2,70	45,0	2,2731	59,0	36,508	music wire	4L
T.187.270.0450.I	18,7	2,70	45,0	1,9524	59,4	32,392	stainless steel	4L
T.187.270.0570.A	18,7	2,70	57,0	1,2884	81,6	36,508	music wire	4L
T.187.270.0570.I	18,7	2,70	57,0	1,1066	82,4	32,392	stainless steel	4L
T.187.270.0670.A	18,7	2,70	67,0	0,9466	100,5	36,508	music wire	4L
T.187.270.0670.I	18,7	2,70	67,0	0,8131	101,6	32,392	stainless steel	4L
T.187.270.0730.A	18,7	2,70	73,0	0,8167	111,8	36,508	music wire	4L
T.187.270.0730.I	18,7	2,70	73,0	0,7000	113,1	32,392	stainless steel	4L
T.187.270.1400.A	18,7	2,70	140,0	0,3224	239,4	36,895	music wire	4L
T.187.270.1400.I	18,7	2,70	140,0	0,2769	237,0	31,096	stainless steel	4M
T.187.270.2000.A	18,7	2,70	200,0	0,2091	353,3	36,895	music wire	4M
T.187.270.2000.I	18,7	2,70	200,0	0,1796	349,5	31,096	stainless steel	4M
T.190.120.0480.A	19,0	1,20	48,0	0,0331	157,7	3,797	music wire	4F
T.190.120.0480.I	19,0	1,20	48,0	0,0285	153,7	3,147	stainless steel	4G
T.190.120.0540.A	19,0	1,20	54,0	0,0230	212,3	3,797	music wire	4F
T.190.120.0540.I	19,0	1,20	54,0	0,0197	206,4	3,147	stainless steel	4G
T.190.120.0650.A	19,0	1,20	65,0	0,0147	312,6	3,797	music wire	4G
T.190.120.0650.I	19,0	1,20	65,0	0,0126	303,5	3,147	stainless steel	4G
T.190.120.0670.A	19,0	1,20	67,0	0,0138	331,1	3,797	music wire	4G
T.190.120.0670.I	19,0	1,20	67,0	0,0118	321,4	3,147	stainless steel	4G
T.190.120.0680.A	19,0	1,20	68,0	0,0134	339,9	3,797	music wire	4G
T.190.120.0680.I	19,0	1,20	68,0	0,0115	329,8	3,147	stainless steel	4G
T.190.120.0700.A	19,0	1,20	70,0	0,0126	358,4	3,797	music wire	4G
T.190.120.0700.I	19,0	1,20	70,0	0,0108	347,7	3,147	stainless steel	4G
T.190.120.0750.A	19,0	1,20	75,0	0,0111	403,2	3,797	music wire	4G
T.190.120.0750.I	19,0	1,20	75,0	0,0095	391,1	3,147	stainless steel	4G
T.190.120.0760.A	19,0	1,20	76,0	0,0108	412,9	3,797	music wire	4G
T.190.120.0760.I	19,0	1,20	76,0	0,0093	400,5	3,147	stainless steel	4G
T.190.120.0920.A	19,0	1,20	92,0	0,0078	558,0	3,797	music wire	4G
T.190.120.0920.I	19,0	1,20	92,0	0,0067	540,9	3,147	stainless steel	4G
T.190.120.0980.A	19,0	1,20	98,0	0,0071	612,6	3,797	music wire	4G
T.190.120.0980.I	19,0	1,20	98,0	0,0061	593,6	3,147	stainless steel	4G
T.190.120.1020.A	19,0	1,20	102,0	0,0067	648,6	3,797	music wire	4G
T.190.120.1020.I	19,0	1,20	102,0	0,0057	628,5	3,147	stainless steel	4G
T.190.120.1100.A	19,0	1,20	110,0	0,0059	721,7	3,797	music wire	4G
T.190.120.1100.I	19,0	1,20	110,0	0,0051	699,2	3,147	stainless steel	4G
T.190.120.1150.A	19,0	1,20	115,0	0,0056	767,5	3,797	music wire	4G
T.190.120.1150.I	19,0	1,20	115,0	0,0048	743,4	3,147	stainless steel	4G
T.190.120.1480.A	19,0	1,20	148,0	0,0040	1067,5	3,797	music wire	4H
T.190.120.1480.I	19,0	1,20	148,0	0,0034	1033,6	3,147	stainless steel	4H
T.190.120.1650.A	19,0	1,20	165,0	0,0034	1221,4	3,797	music wire	4H
T.190.120.1650.I	19,0	1,20	165,0	0,0030	1182,5	3,147	stainless steel	4I
T.190.120.1720.A	19,0	1,20	172,0	0,0033	1285,6	3,797	music wire	4H
T.190.120.1720.I	19,0	1,20	172,0	0,0028	1244,6	3,147	stainless steel	4I
T.190.120.1780.A	19,0	1,20	178,0	0,0031	1340,2	3,797	music wire	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.120.1780.I	19,0	1,20	178,0	0,0027	1297,4	3,147	stainless steel	4I
T.190.120.2030.A	19,0	1,20	203,0	0,0027	1567,1	3,797	music wire	4I
T.190.120.2030.I	19,0	1,20	203,0	0,0023	1516,9	3,147	stainless steel	4I
T.190.120.2150.A	19,0	1,20	215,0	0,0025	1676,2	3,797	music wire	4I
T.190.120.2150.I	19,0	1,20	215,0	0,0021	1622,4	3,147	stainless steel	4I
T.190.120.2900.A	19,0	1,20	290,0	0,0018	2358,0	3,797	music wire	4I
T.190.120.2900.I	19,0	1,20	290,0	0,0015	2281,9	3,147	stainless steel	4I
T.190.125.0444.A	19,0	1,25	44,4	0,0549	118,3	4,260	music wire	4F
T.190.125.0444.I	19,0	1,25	44,4	0,0472	115,6	3,533	stainless steel	4G
T.190.125.0508.A	19,0	1,25	50,8	0,0336	171,3	4,251	music wire	4F
T.190.125.0508.I	19,0	1,25	50,8	0,0289	172,3	3,681	stainless steel	4G
T.190.125.0572.A	19,0	1,25	57,2	0,0242	224,4	4,251	music wire	4G
T.190.125.0572.I	19,0	1,25	57,2	0,0208	225,7	3,681	stainless steel	4G
T.190.125.0630.A	19,0	1,25	63,0	0,0193	272,8	4,260	music wire	4G
T.190.125.0630.I	19,0	1,25	63,0	0,0166	265,2	3,533	stainless steel	4G
T.190.125.0635.A	19,0	1,25	63,5	0,0190	276,5	4,251	music wire	4G
T.190.125.0635.I	19,0	1,25	63,5	0,0163	278,3	3,681	stainless steel	4G
T.190.125.0698.A	19,0	1,25	69,8	0,0156	328,7	4,251	music wire	4G
T.190.125.0698.I	19,0	1,25	69,8	0,0134	330,8	3,681	stainless steel	4G
T.190.125.0762.A	19,0	1,25	76,2	0,0133	381,7	4,251	music wire	4G
T.190.125.0762.I	19,0	1,25	76,2	0,0114	384,2	3,681	stainless steel	4G
T.190.125.0826.A	19,0	1,25	82,6	0,0115	434,8	4,251	music wire	4G
T.190.125.0826.I	19,0	1,25	82,6	0,0099	437,6	3,681	stainless steel	4G
T.190.125.0889.A	19,0	1,25	88,9	0,0102	486,9	4,251	music wire	4G
T.190.125.0889.I	19,0	1,25	88,9	0,0087	490,1	3,681	stainless steel	4G
T.190.125.0970.A	19,0	1,25	97,0	0,0089	555,0	4,260	music wire	4G
T.190.125.0970.I	19,0	1,25	97,0	0,0076	538,4	3,533	stainless steel	4G
T.190.125.0980.A	19,0	1,25	98,0	0,0087	563,3	4,260	music wire	4G
T.190.125.0980.I	19,0	1,25	98,0	0,0075	546,4	3,533	stainless steel	4G
T.190.125.1016.A	19,0	1,25	101,6	0,0083	593,3	4,260	music wire	4G
T.190.125.1016.I	19,0	1,25	101,6	0,0071	575,5	3,533	stainless steel	4G
T.190.125.1020.A	19,0	1,25	102,0	0,0082	596,5	4,260	music wire	4G
T.190.125.1020.I	19,0	1,25	102,0	0,0070	578,5	3,533	stainless steel	4G
T.190.125.1060.A	19,0	1,25	106,0	0,0077	629,7	4,260	music wire	4G
T.190.125.1060.I	19,0	1,25	106,0	0,0067	610,7	3,533	stainless steel	4G
T.190.125.1090.A	19,0	1,25	109,0	0,0074	654,6	4,260	music wire	4G
T.190.125.1090.I	19,0	1,25	109,0	0,0064	634,8	3,533	stainless steel	4G
T.190.125.1120.A	19,0	1,25	112,0	0,0072	679,5	4,260	music wire	4G
T.190.125.1120.I	19,0	1,25	112,0	0,0061	658,9	3,533	stainless steel	4G
T.190.125.1143.A	19,0	1,25	114,3	0,0069	698,2	4,260	music wire	4G
T.190.125.1143.I	19,0	1,25	114,3	0,0060	677,0	3,533	stainless steel	4G
T.190.125.1150.A	19,0	1,25	115,0	0,0069	704,4	4,260	music wire	4G
T.190.125.1150.I	19,0	1,25	115,0	0,0059	683,0	3,533	stainless steel	4H
T.190.125.1210.A	19,0	1,25	121,0	0,0064	754,2	4,260	music wire	4G
T.190.125.1210.I	19,0	1,25	121,0	0,0055	731,2	3,533	stainless steel	4H
T.190.125.1397.A	19,0	1,25	139,7	0,0053	909,7	4,260	music wire	4G
T.190.125.1397.I	19,0	1,25	139,7	0,0045	881,7	3,533	stainless steel	4H
T.190.125.1520.A	19,0	1,25	152,0	0,0047	1011,4	4,260	music wire	4H
T.190.125.1520.I	19,0	1,25	152,0	0,0041	980,2	3,533	stainless steel	4H
T.190.125.1524.A	19,0	1,25	152,4	0,0047	1014,6	4,260	music wire	4H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.125.1524.I	19,0	1,25	152,4	0,0040	983,2	3,533	stainless steel	4H
T.190.130.0410.A	19,0	1,30	41,0	0,0990	86,5	4,758	music wire	4H
T.190.130.0410.I	19,0	1,30	41,0	0,0850	84,9	3,949	stainless steel	4H
T.190.130.0540.A	19,0	1,30	54,0	0,0343	185,4	4,758	music wire	4H
T.190.130.0540.I	19,0	1,30	54,0	0,0295	180,7	3,949	stainless steel	4H
T.190.130.0620.A	19,0	1,30	62,0	0,0244	245,9	4,746	music wire	4H
T.190.130.0620.I	19,0	1,30	62,0	0,0210	247,6	4,114	stainless steel	4I
T.190.130.0700.A	19,0	1,30	70,0	0,0190	307,1	4,758	music wire	4H
T.190.130.0700.I	19,0	1,30	70,0	0,0163	298,6	3,949	stainless steel	4I
T.190.130.0730.A	19,0	1,30	73,0	0,0175	329,4	4,746	music wire	4H
T.190.130.0730.I	19,0	1,30	73,0	0,0151	331,8	4,114	stainless steel	4I
T.190.130.0760.A	19,0	1,30	76,0	0,0163	352,6	4,758	music wire	4H
T.190.130.0760.I	19,0	1,30	76,0	0,0140	342,7	3,949	stainless steel	4I
T.190.130.0980.A	19,0	1,30	98,0	0,0107	520,7	4,758	music wire	4I
T.190.130.0980.I	19,0	1,30	98,0	0,0092	505,5	3,949	stainless steel	4I
T.190.130.1340.A	19,0	1,30	134,0	0,0068	793,8	4,758	music wire	4I
T.190.130.1340.I	19,0	1,30	134,0	0,0059	770,1	3,949	stainless steel	4I
T.190.140.0444.A	19,0	1,40	44,4	0,0945	102,6	5,861	music wire	4H
T.190.140.0444.I	19,0	1,40	44,4	0,0811	100,6	4,872	stainless steel	4H
T.190.140.0500.A	19,0	1,40	50,0	0,0620	138,4	5,842	music wire	4H
T.190.140.0500.I	19,0	1,40	50,0	0,0533	139,4	5,075	stainless steel	4H
T.190.140.0508.A	19,0	1,40	50,8	0,0591	143,5	5,842	music wire	4H
T.190.140.0508.I	19,0	1,40	50,8	0,0508	144,6	5,075	stainless steel	4I
T.190.140.0570.A	19,0	1,40	57,0	0,0433	183,6	5,842	music wire	4H
T.190.140.0570.I	19,0	1,40	57,0	0,0372	185,0	5,075	stainless steel	4I
T.190.140.0572.A	19,0	1,40	57,2	0,0429	184,8	5,842	music wire	4H
T.190.140.0572.I	19,0	1,40	57,2	0,0369	186,3	5,075	stainless steel	4I
T.190.140.0635.A	19,0	1,40	63,5	0,0338	225,5	5,842	music wire	4H
T.190.140.0635.I	19,0	1,40	63,5	0,0291	227,3	5,075	stainless steel	4I
T.190.140.0640.A	19,0	1,40	64,0	0,0333	228,7	5,842	music wire	4H
T.190.140.0640.I	19,0	1,40	64,0	0,0286	230,6	5,075	stainless steel	4I
T.190.140.0698.A	19,0	1,40	69,8	0,0279	266,2	5,842	music wire	4H
T.190.140.0698.I	19,0	1,40	69,8	0,0240	268,4	5,075	stainless steel	4I
T.190.140.0700.A	19,0	1,40	70,0	0,0278	267,5	5,842	music wire	4H
T.190.140.0700.I	19,0	1,40	70,0	0,0238	269,7	5,075	stainless steel	4I
T.190.140.0760.A	19,0	1,40	76,0	0,0238	306,2	5,842	music wire	4I
T.190.140.0760.I	19,0	1,40	76,0	0,0205	308,8	5,075	stainless steel	4I
T.190.140.0762.A	19,0	1,40	76,2	0,0237	307,5	5,842	music wire	4I
T.190.140.0762.I	19,0	1,40	76,2	0,0204	310,1	5,075	stainless steel	4I
T.190.140.0889.A	19,0	1,40	88,9	0,0182	389,5	5,842	music wire	4I
T.190.140.0889.I	19,0	1,40	88,9	0,0157	392,9	5,075	stainless steel	4I
T.190.140.0890.A	19,0	1,40	89,0	0,0182	390,1	5,842	music wire	4I
T.190.140.0890.I	19,0	1,40	89,0	0,0156	393,5	5,075	stainless steel	4I
T.190.160.0410.A	19,0	1,60	41,0	0,2586	71,4	8,525	music wire	4I
T.190.160.0410.I	19,0	1,60	41,0	0,2221	70,4	7,104	stainless steel	4I
T.190.160.0444.A	19,0	1,60	44,4	0,1811	87,9	8,525	music wire	4I
T.190.160.0444.I	19,0	1,60	44,4	0,1555	86,4	7,104	stainless steel	4I
T.190.160.0460.A	19,0	1,60	46,0	0,1584	95,7	8,525	music wire	4I
T.190.160.0460.I	19,0	1,60	46,0	0,1361	94,0	7,104	stainless steel	4I
T.190.160.0480.A	19,0	1,60	48,0	0,1378	105,1	8,525	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.160.0480.I	19,0	1,60	48,0	0,1183	103,2	7,104	stainless steel	4I
T.190.160.0500.A	19,0	1,60	50,0	0,1207	114,9	8,486	music wire	4I
T.190.160.0500.I	19,0	1,60	50,0	0,1037	115,9	7,400	stainless steel	4I
T.190.160.0508.A	19,0	1,60	50,8	0,1152	118,8	8,486	music wire	4I
T.190.160.0508.I	19,0	1,60	50,8	0,0990	119,8	7,400	stainless steel	4I
T.190.160.0570.A	19,0	1,60	57,0	0,0852	148,9	8,486	music wire	4I
T.190.160.0570.I	19,0	1,60	57,0	0,0732	150,4	7,400	stainless steel	4I
T.190.160.0572.A	19,0	1,60	57,2	0,0845	149,9	8,486	music wire	4I
T.190.160.0572.I	19,0	1,60	57,2	0,0726	151,3	7,400	stainless steel	4I
T.190.160.0600.A	19,0	1,60	60,0	0,0757	163,5	8,486	music wire	4I
T.190.160.0600.I	19,0	1,60	60,0	0,0650	165,1	7,400	stainless steel	4I
T.190.160.0630.A	19,0	1,60	63,0	0,0681	178,5	8,525	music wire	4I
T.190.160.0630.I	19,0	1,60	63,0	0,0585	174,7	7,104	stainless steel	4I
T.190.160.0635.A	19,0	1,60	63,5	0,0669	180,6	8,486	music wire	4I
T.190.160.0635.I	19,0	1,60	63,5	0,0575	182,3	7,400	stainless steel	4I
T.190.160.0640.A	19,0	1,60	64,0	0,0658	183,0	8,486	music wire	4I
T.190.160.0640.I	19,0	1,60	64,0	0,0565	184,8	7,400	stainless steel	4I
T.190.160.0698.A	19,0	1,60	69,8	0,0554	211,2	8,486	music wire	4I
T.190.160.0698.I	19,0	1,60	69,8	0,0476	213,4	7,400	stainless steel	4I
T.190.160.0700.A	19,0	1,60	70,0	0,0551	212,2	8,486	music wire	4I
T.190.160.0700.I	19,0	1,60	70,0	0,0473	214,3	7,400	stainless steel	4I
T.190.160.0760.A	19,0	1,60	76,0	0,0474	241,3	8,486	music wire	4I
T.190.160.0760.I	19,0	1,60	76,0	0,0407	243,9	7,400	stainless steel	4I
T.190.160.0762.A	19,0	1,60	76,2	0,0472	242,3	8,486	music wire	4I
T.190.160.0762.I	19,0	1,60	76,2	0,0405	244,9	7,400	stainless steel	4I
T.190.160.0889.A	19,0	1,60	88,9	0,0364	304,1	8,486	music wire	4I
T.190.160.0889.I	19,0	1,60	88,9	0,0313	307,4	7,400	stainless steel	4I
T.190.160.0890.A	19,0	1,60	89,0	0,0363	304,6	8,486	music wire	4I
T.190.160.0890.I	19,0	1,60	89,0	0,0312	307,9	7,400	stainless steel	4I
T.190.160.1016.A	19,0	1,60	101,6	0,0296	365,8	8,486	music wire	4I
T.190.160.1016.I	19,0	1,60	101,6	0,0255	369,9	7,400	stainless steel	4I
T.190.160.1020.A	19,0	1,60	102,0	0,0295	367,8	8,486	music wire	4I
T.190.160.1020.I	19,0	1,60	102,0	0,0253	371,9	7,400	stainless steel	4I
T.190.160.1080.A	19,0	1,60	108,0	0,0271	397,0	8,486	music wire	4I
T.190.160.1080.I	19,0	1,60	108,0	0,0233	401,4	7,400	stainless steel	4I
T.190.160.1120.A	19,0	1,60	112,0	0,0257	416,4	8,486	music wire	4I
T.190.160.1120.I	19,0	1,60	112,0	0,0221	421,1	7,400	stainless steel	4I
T.190.160.1143.A	19,0	1,60	114,3	0,0250	427,6	8,486	music wire	4I
T.190.160.1143.I	19,0	1,60	114,3	0,0215	432,4	7,400	stainless steel	4I
T.190.160.1150.A	19,0	1,60	115,0	0,0248	431,0	8,486	music wire	4I
T.190.160.1150.I	19,0	1,60	115,0	0,0213	435,9	7,400	stainless steel	4I
T.190.160.1270.A	19,0	1,60	127,0	0,0216	489,4	8,486	music wire	4I
T.190.160.1270.I	19,0	1,60	127,0	0,0186	494,9	7,400	stainless steel	4I
T.190.160.1397.A	19,0	1,60	139,7	0,0190	551,1	8,486	music wire	4I
T.190.160.1397.I	19,0	1,60	139,7	0,0164	557,4	7,400	stainless steel	4I
T.190.160.1400.A	19,0	1,60	140,0	0,0190	552,6	8,486	music wire	4I
T.190.160.1400.I	19,0	1,60	140,0	0,0163	558,9	7,400	stainless steel	4I
T.190.160.2150.A	19,0	1,60	215,0	0,0112	920,4	8,525	music wire	4I
T.190.160.2150.I	19,0	1,60	215,0	0,0096	897,0	7,104	stainless steel	4J
T.190.175.0444.A	19,0	1,75	44,4	0,2778	80,4	10,954	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.175.0444.I	19,0	1,75	44,4	0,2386	79,3	9,145	stainless steel	4I
T.190.175.0500.A	19,0	1,75	50,0	0,1888	102,7	10,894	music wire	4I
T.190.175.0500.I	19,0	1,75	50,0	0,1622	103,6	9,526	stainless steel	4I
T.190.175.0508.A	19,0	1,75	50,8	0,1805	105,9	10,894	music wire	4I
T.190.175.0508.I	19,0	1,75	50,8	0,1550	106,9	9,526	stainless steel	4I
T.190.175.0570.A	19,0	1,75	57,0	0,1343	131,1	10,894	music wire	4I
T.190.175.0570.I	19,0	1,75	57,0	0,1154	132,4	9,526	stainless steel	4I
T.190.175.0572.A	19,0	1,75	57,2	0,1332	131,9	10,894	music wire	4I
T.190.175.0572.I	19,0	1,75	57,2	0,1144	133,2	9,526	stainless steel	4I
T.190.175.0635.A	19,0	1,75	63,5	0,1059	157,4	10,894	music wire	4I
T.190.175.0635.I	19,0	1,75	63,5	0,0910	159,1	9,526	stainless steel	4I
T.190.175.0640.A	19,0	1,75	64,0	0,1042	159,5	10,894	music wire	4I
T.190.175.0640.I	19,0	1,75	64,0	0,0895	161,2	9,526	stainless steel	4I
T.190.175.0698.A	19,0	1,75	69,8	0,0879	183,0	10,894	music wire	4I
T.190.175.0698.I	19,0	1,75	69,8	0,0755	185,0	9,526	stainless steel	4I
T.190.175.0700.A	19,0	1,75	70,0	0,0875	183,8	10,894	music wire	4I
T.190.175.0700.I	19,0	1,75	70,0	0,0751	185,8	9,526	stainless steel	4I
T.190.175.0760.A	19,0	1,75	76,0	0,0753	208,1	10,894	music wire	4I
T.190.175.0760.I	19,0	1,75	76,0	0,0647	210,5	9,526	stainless steel	4I
T.190.175.0762.A	19,0	1,75	76,2	0,0750	208,9	10,894	music wire	4I
T.190.175.0762.I	19,0	1,75	76,2	0,0644	211,3	9,526	stainless steel	4I
T.190.175.0889.A	19,0	1,75	88,9	0,0580	260,4	10,894	music wire	4I
T.190.175.0889.I	19,0	1,75	88,9	0,0498	263,5	9,526	stainless steel	4I
T.190.175.0890.A	19,0	1,75	89,0	0,0579	260,8	10,894	music wire	4I
T.190.175.0890.I	19,0	1,75	89,0	0,0497	263,9	9,526	stainless steel	4I
T.190.175.1016.A	19,0	1,75	101,6	0,0473	311,9	10,894	music wire	4I
T.190.175.1016.I	19,0	1,75	101,6	0,0406	315,7	9,526	stainless steel	4I
T.190.175.1020.A	19,0	1,75	102,0	0,0470	313,5	10,894	music wire	4I
T.190.175.1020.I	19,0	1,75	102,0	0,0404	317,4	9,526	stainless steel	4I
T.190.175.1143.A	19,0	1,75	114,3	0,0400	363,4	10,894	music wire	4I
T.190.175.1143.I	19,0	1,75	114,3	0,0343	367,9	9,526	stainless steel	4I
T.190.175.1150.A	19,0	1,75	115,0	0,0396	366,3	10,894	music wire	4I
T.190.175.1150.I	19,0	1,75	115,0	0,0340	370,8	9,526	stainless steel	4I
T.190.175.1270.A	19,0	1,75	127,0	0,0346	414,9	10,894	music wire	4I
T.190.175.1270.I	19,0	1,75	127,0	0,0297	420,1	9,526	stainless steel	4I
T.190.175.1400.A	19,0	1,75	140,0	0,0304	467,6	10,894	music wire	4I
T.190.175.1400.I	19,0	1,75	140,0	0,0261	473,6	9,526	stainless steel	4I
T.190.180.0630.A	19,0	1,80	63,0	0,1244	149,8	11,850	music wire	4J
T.190.180.0630.I	19,0	1,80	63,0	0,1068	147,0	9,899	stainless steel	4J
T.190.180.0640.A	19,0	1,80	64,0	0,1205	153,0	11,781	music wire	4J
T.190.180.0640.I	19,0	1,80	64,0	0,1035	154,7	10,311	stainless steel	4J
T.190.180.1060.A	19,0	1,80	106,0	0,0515	314,1	11,781	music wire	4J
T.190.180.1060.I	19,0	1,80	106,0	0,0443	318,1	10,311	stainless steel	4J
T.190.180.2150.A	19,0	1,80	215,0	0,0207	732,2	11,781	music wire	4J
T.190.180.2150.I	19,0	1,80	215,0	0,0178	742,0	10,311	stainless steel	4J
T.190.190.0444.A	19,0	1,90	44,4	0,4149	74,5	13,777	music wire	4I
T.190.190.0444.I	19,0	1,90	44,4	0,3563	73,5	11,522	stainless steel	4J
T.190.190.0480.A	19,0	1,90	48,0	0,3213	86,6	13,690	music wire	4I
T.190.190.0480.I	19,0	1,90	48,0	0,2760	87,4	12,002	stainless steel	4J
T.190.190.0500.A	19,0	1,90	50,0	0,2850	93,5	13,690	music wire	4I



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.190.0500.I	19,0	1,90	50,0	0,2448	94,4	12,002	stainless steel	4J
T.190.190.0508.A	19,0	1,90	50,8	0,2727	96,2	13,690	music wire	4I
T.190.190.0508.I	19,0	1,90	50,8	0,2342	97,2	12,002	stainless steel	4J
T.190.190.0570.A	19,0	1,90	57,0	0,2042	117,7	13,690	music wire	4I
T.190.190.0570.I	19,0	1,90	57,0	0,1754	118,9	12,002	stainless steel	4J
T.190.190.0572.A	19,0	1,90	57,2	0,2026	118,3	13,690	music wire	4I
T.190.190.0572.I	19,0	1,90	57,2	0,1740	119,6	12,002	stainless steel	4J
T.190.190.0635.A	19,0	1,90	63,5	0,1617	140,1	13,690	music wire	4J
T.190.190.0635.I	19,0	1,90	63,5	0,1389	141,7	12,002	stainless steel	4J
T.190.190.0640.A	19,0	1,90	64,0	0,1591	141,8	13,690	music wire	4J
T.190.190.0640.I	19,0	1,90	64,0	0,1367	143,5	12,002	stainless steel	4J
T.190.190.0698.A	19,0	1,90	69,8	0,1345	161,9	13,690	music wire	4J
T.190.190.0698.I	19,0	1,90	69,8	0,1155	163,8	12,002	stainless steel	4J
T.190.190.0700.A	19,0	1,90	70,0	0,1338	162,6	13,690	music wire	4J
T.190.190.0700.I	19,0	1,90	70,0	0,1149	164,5	12,002	stainless steel	4J
T.190.190.0760.A	19,0	1,90	76,0	0,1154	183,3	13,690	music wire	4J
T.190.190.0760.I	19,0	1,90	76,0	0,0992	185,5	12,002	stainless steel	4J
T.190.190.0762.A	19,0	1,90	76,2	0,1149	184,0	13,690	music wire	4J
T.190.190.0762.I	19,0	1,90	76,2	0,0987	186,2	12,002	stainless steel	4J
T.190.190.0889.A	19,0	1,90	88,9	0,0891	227,9	13,690	music wire	4J
T.190.190.0889.I	19,0	1,90	88,9	0,0766	230,8	12,002	stainless steel	4J
T.190.190.0890.A	19,0	1,90	89,0	0,0890	228,2	13,690	music wire	4J
T.190.190.0890.I	19,0	1,90	89,0	0,0764	231,1	12,002	stainless steel	4J
T.190.190.0950.A	19,0	1,90	95,0	0,0805	249,0	13,690	music wire	4J
T.190.190.0950.I	19,0	1,90	95,0	0,0691	252,2	12,002	stainless steel	4J
T.190.190.1016.A	19,0	1,90	101,6	0,0728	271,8	13,690	music wire	4J
T.190.190.1016.I	19,0	1,90	101,6	0,0625	275,3	12,002	stainless steel	4J
T.190.190.1020.A	19,0	1,90	102,0	0,0724	273,2	13,690	music wire	4J
T.190.190.1020.I	19,0	1,90	102,0	0,0622	276,7	12,002	stainless steel	4J
T.190.190.1080.A	19,0	1,90	108,0	0,0666	293,9	13,690	music wire	4J
T.190.190.1080.I	19,0	1,90	108,0	0,0572	297,8	12,002	stainless steel	4J
T.190.190.1110.A	19,0	1,90	111,0	0,0641	304,3	13,690	music wire	4J
T.190.190.1110.I	19,0	1,90	111,0	0,0551	308,3	12,002	stainless steel	4J
T.190.190.1143.A	19,0	1,90	114,3	0,0615	315,7	13,690	music wire	4J
T.190.190.1143.I	19,0	1,90	114,3	0,0528	319,9	12,002	stainless steel	4J
T.190.190.1150.A	19,0	1,90	115,0	0,0610	318,1	13,690	music wire	4J
T.190.190.1150.I	19,0	1,90	115,0	0,0524	322,3	12,002	stainless steel	4J
T.190.190.1200.A	19,0	1,90	120,0	0,0575	335,4	13,690	music wire	4J
T.190.190.1200.I	19,0	1,90	120,0	0,0494	339,8	12,002	stainless steel	4J
T.190.190.1270.A	19,0	1,90	127,0	0,0533	359,6	13,690	music wire	4J
T.190.190.1270.I	19,0	1,90	127,0	0,0458	364,4	12,002	stainless steel	4J
T.190.190.1397.A	19,0	1,90	139,7	0,0470	403,5	13,690	music wire	4J
T.190.190.1397.I	19,0	1,90	139,7	0,0403	408,9	12,002	stainless steel	4J
T.190.190.1400.A	19,0	1,90	140,0	0,0468	404,5	13,690	music wire	4J
T.190.190.1400.I	19,0	1,90	140,0	0,0402	410,0	12,002	stainless steel	4J
T.190.190.1520.A	19,0	1,90	152,0	0,0421	446,0	13,690	music wire	4J
T.190.190.1520.I	19,0	1,90	152,0	0,0362	452,1	12,002	stainless steel	4J
T.190.190.1524.A	19,0	1,90	152,4	0,0420	447,3	13,690	music wire	4J
T.190.190.1524.I	19,0	1,90	152,4	0,0361	453,5	12,002	stainless steel	4J
T.190.200.0550.A	19,0	2,00	55,0	0,2885	104,2	15,780	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.200.0550.I	19,0	2,00	55,0	0,2478	105,3	13,858	stainless steel	4L
T.190.200.1020.A	19,0	2,00	102,0	0,0948	251,8	15,780	music wire	4L
T.190.200.1020.I	19,0	2,00	102,0	0,0814	255,2	13,858	stainless steel	4L
T.190.200.1380.A	19,0	2,00	138,0	0,0626	366,4	15,891	music wire	4L
T.190.200.1380.I	19,0	2,00	138,0	0,0538	359,6	13,303	stainless steel	4L
T.190.200.1520.A	19,0	2,00	152,0	0,0553	408,8	15,780	music wire	4L
T.190.200.1520.I	19,0	2,00	152,0	0,0475	414,6	13,858	stainless steel	4L
T.190.200.2150.A	19,0	2,00	215,0	0,0363	606,6	15,780	music wire	4L
T.190.200.2150.I	19,0	2,00	215,0	0,0311	615,4	13,858	stainless steel	4M
T.190.200.2350.A	19,0	2,00	235,0	0,0327	669,4	15,780	music wire	4M
T.190.200.2350.I	19,0	2,00	235,0	0,0281	679,2	13,858	stainless steel	4M
T.190.200.2410.A	19,0	2,00	241,0	0,0317	688,3	15,780	music wire	4M
T.190.200.2410.I	19,0	2,00	241,0	0,0273	698,3	13,858	stainless steel	4M
T.190.220.0508.A	19,0	2,20	50,8	0,5708	82,8	20,532	music wire	4L
T.190.220.0508.I	19,0	2,20	50,8	0,4902	83,7	18,088	stainless steel	4L
T.190.220.0572.A	19,0	2,20	57,2	0,4292	99,8	20,532	music wire	4L
T.190.220.0572.I	19,0	2,20	57,2	0,3686	100,9	18,088	stainless steel	4L
T.190.220.0635.A	19,0	2,20	63,5	0,3449	116,5	20,532	music wire	4L
T.190.220.0635.I	19,0	2,20	63,5	0,2963	117,9	18,088	stainless steel	4L
T.190.220.0698.A	19,0	2,20	69,8	0,2884	133,2	20,532	music wire	4L
T.190.220.0698.I	19,0	2,20	69,8	0,2477	134,8	18,088	stainless steel	4L
T.190.220.0762.A	19,0	2,20	76,2	0,2472	150,2	20,532	music wire	4L
T.190.220.0762.I	19,0	2,20	76,2	0,2123	152,1	18,088	stainless steel	4L
T.190.220.0889.A	19,0	2,20	88,9	0,1926	183,8	20,532	music wire	4L
T.190.220.0889.I	19,0	2,20	88,9	0,1654	186,3	18,088	stainless steel	4L
T.190.220.1016.A	19,0	2,20	101,6	0,1577	217,5	20,532	music wire	4L
T.190.220.1016.I	19,0	2,20	101,6	0,1355	220,5	18,088	stainless steel	4L
T.190.220.1143.A	19,0	2,20	114,3	0,1336	251,2	20,532	music wire	4L
T.190.220.1143.I	19,0	2,20	114,3	0,1147	254,7	18,088	stainless steel	4L
T.190.220.1270.A	19,0	2,20	127,0	0,1158	284,9	20,532	music wire	4L
T.190.220.1270.I	19,0	2,20	127,0	0,0995	288,9	18,088	stainless steel	4L
T.190.230.0500.A	19,0	2,30	50,0	0,7449	77,6	23,205	music wire	4L
T.190.230.0500.I	19,0	2,30	50,0	0,6398	78,4	20,473	stainless steel	4L
T.190.230.0700.A	19,0	2,30	70,0	0,3619	126,8	23,205	music wire	4L
T.190.230.0700.I	19,0	2,30	70,0	0,3100	128,4	20,473	stainless steel	4L
T.190.230.0850.A	19,0	2,30	85,0	0,2612	163,7	23,205	music wire	4L
T.190.230.0850.I	19,0	2,30	85,0	0,2243	165,9	20,473	stainless steel	4L
T.190.230.1080.A	19,0	2,30	108,0	0,1831	220,3	23,205	music wire	4L
T.190.230.1080.I	19,0	2,30	108,0	0,1572	223,4	20,473	stainless steel	4L
T.190.230.1520.A	19,0	2,30	152,0	0,1164	328,6	23,205	music wire	4L
T.190.230.1520.I	19,0	2,30	152,0	0,1000	333,4	20,473	stainless steel	4L
T.190.230.1650.A	19,0	2,30	165,0	0,1051	360,6	23,205	music wire	4L
T.190.230.1650.I	19,0	2,30	165,0	0,0903	365,9	20,473	stainless steel	4L
T.190.230.2150.A	19,0	2,30	215,0	0,0766	483,6	23,205	music wire	4M
T.190.230.2150.I	19,0	2,30	215,0	0,0658	490,9	20,473	stainless steel	4M
T.190.230.2800.A	19,0	2,30	280,0	0,0566	643,5	23,205	music wire	4M
T.190.230.2800.I	19,0	2,30	280,0	0,0486	653,4	20,473	stainless steel	4M
T.190.235.0500.A	19,0	2,35	50,0	0,8304	76,2	24,617	music wire	4L
T.190.235.0500.I	19,0	2,35	50,0	0,7132	76,9	21,735	stainless steel	4L
T.190.235.0570.A	19,0	2,35	57,0	0,6072	92,8	24,617	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.235.0570.I	19,0	2,35	57,0	0,5216	93,8	21,735	stainless steel	4L
T.190.235.0640.A	19,0	2,35	64,0	0,4786	109,5	24,617	music wire	4L
T.190.235.0640.I	19,0	2,35	64,0	0,4100	110,7	21,735	stainless steel	4L
T.190.235.0700.A	19,0	2,35	70,0	0,4051	123,7	24,617	music wire	4L
T.190.235.0700.I	19,0	2,35	70,0	0,3479	125,2	21,735	stainless steel	4L
T.190.235.0760.A	19,0	2,35	76,0	0,3511	138,0	24,617	music wire	4L
T.190.235.0760.I	19,0	2,35	76,0	0,3016	139,7	21,735	stainless steel	4L
T.190.235.0890.A	19,0	2,35	89,0	0,2725	168,9	24,617	music wire	4L
T.190.235.0890.I	19,0	2,35	89,0	0,2340	171,1	21,735	stainless steel	4L
T.190.235.1020.A	19,0	2,35	102,0	0,2226	199,7	24,617	music wire	4L
T.190.235.1020.I	19,0	2,35	102,0	0,1912	202,5	21,735	stainless steel	4L
T.190.235.1150.A	19,0	2,35	115,0	0,1882	230,6	24,617	music wire	4L
T.190.235.1150.I	19,0	2,35	115,0	0,1616	233,9	21,735	stainless steel	4L
T.190.235.1270.A	19,0	2,35	127,0	0,1647	259,1	24,617	music wire	4L
T.190.235.1270.I	19,0	2,35	127,0	0,1415	262,8	21,735	stainless steel	4L
T.190.240.0500.A	19,0	2,40	50,0	0,9236	74,9	26,082	music wire	4L
T.190.240.0500.I	19,0	2,40	50,0	0,7933	75,6	23,045	stainless steel	4L
T.190.240.0508.A	19,0	2,40	50,8	0,8867	76,7	26,082	music wire	4L
T.190.240.0508.I	19,0	2,40	50,8	0,7616	77,5	23,045	stainless steel	4L
T.190.240.0570.A	19,0	2,40	57,0	0,6769	91,0	26,082	music wire	4L
T.190.240.0570.I	19,0	2,40	57,0	0,5814	92,0	23,045	stainless steel	4L
T.190.240.0572.A	19,0	2,40	57,2	0,6717	91,4	26,082	music wire	4L
T.190.240.0572.I	19,0	2,40	57,2	0,5769	92,4	23,045	stainless steel	4L
T.190.240.0635.A	19,0	2,40	63,5	0,5423	105,9	26,082	music wire	4L
T.190.240.0635.I	19,0	2,40	63,5	0,4658	107,1	23,045	stainless steel	4L
T.190.240.0640.A	19,0	2,40	64,0	0,5341	107,1	26,082	music wire	4L
T.190.240.0640.I	19,0	2,40	64,0	0,4588	108,3	23,045	stainless steel	4L
T.190.240.0698.A	19,0	2,40	69,8	0,4547	120,4	26,082	music wire	4L
T.190.240.0698.I	19,0	2,40	69,8	0,3905	121,8	23,045	stainless steel	4L
T.190.240.0700.A	19,0	2,40	70,0	0,4524	120,8	26,082	music wire	4L
T.190.240.0700.I	19,0	2,40	70,0	0,3886	122,3	23,045	stainless steel	4L
T.190.240.0762.A	19,0	2,40	76,2	0,3906	135,1	26,082	music wire	4L
T.190.240.0762.I	19,0	2,40	76,2	0,3355	136,8	23,045	stainless steel	4L
T.190.240.0889.A	19,0	2,40	88,9	0,3052	164,3	26,082	music wire	4L
T.190.240.0889.I	19,0	2,40	88,9	0,2622	166,4	23,045	stainless steel	4L
T.190.240.1016.A	19,0	2,40	101,6	0,2505	193,4	26,082	music wire	4L
T.190.240.1016.I	19,0	2,40	101,6	0,2151	196,1	23,045	stainless steel	4L
T.190.240.1110.A	19,0	2,40	111,0	0,2211	215,0	26,082	music wire	4L
T.190.240.1110.I	19,0	2,40	111,0	0,1899	218,0	23,045	stainless steel	4L
T.190.240.1143.A	19,0	2,40	114,3	0,2124	222,6	26,082	music wire	4L
T.190.240.1143.I	19,0	2,40	114,3	0,1824	225,7	23,045	stainless steel	4L
T.190.240.1270.A	19,0	2,40	127,0	0,1843	251,8	26,082	music wire	4L
T.190.240.1270.I	19,0	2,40	127,0	0,1583	255,4	23,045	stainless steel	4L
T.190.240.1397.A	19,0	2,40	139,7	0,1628	281,0	26,082	music wire	4L
T.190.240.1397.I	19,0	2,40	139,7	0,1399	285,0	23,045	stainless steel	4L
T.190.240.1400.A	19,0	2,40	140,0	0,1624	281,7	26,082	music wire	4L
T.190.240.1400.I	19,0	2,40	140,0	0,1395	285,7	23,045	stainless steel	4L
T.190.240.1520.A	19,0	2,40	152,0	0,1463	309,2	26,082	music wire	4L
T.190.240.1520.I	19,0	2,40	152,0	0,1257	313,7	23,045	stainless steel	4L
T.190.240.1524.A	19,0	2,40	152,4	0,1458	310,1	26,082	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.240.1524.I	19,0	2,40	152,4	0,1253	314,7	23,045	stainless steel	4L
T.190.250.0508.A	19,0	2,50	50,8	1,0910	74,3	29,167	music wire	4L
T.190.250.0508.I	19,0	2,50	50,8	0,9370	75,0	25,808	stainless steel	4L
T.190.250.0572.A	19,0	2,50	57,2	0,8295	88,1	29,167	music wire	4L
T.190.250.0572.I	19,0	2,50	57,2	0,7124	89,0	25,808	stainless steel	4L
T.190.250.0635.A	19,0	2,50	63,5	0,6711	101,7	29,167	music wire	4L
T.190.250.0635.I	19,0	2,50	63,5	0,5764	102,8	25,808	stainless steel	4L
T.190.250.0698.A	19,0	2,50	69,8	0,5635	115,2	29,167	music wire	4L
T.190.250.0698.I	19,0	2,50	69,8	0,4840	116,6	25,808	stainless steel	4L
T.190.250.0762.A	19,0	2,50	76,2	0,4846	129,0	29,167	music wire	4L
T.190.250.0762.I	19,0	2,50	76,2	0,4162	130,6	25,808	stainless steel	4L
T.190.250.0889.A	19,0	2,50	88,9	0,3792	156,4	29,167	music wire	4L
T.190.250.0889.I	19,0	2,50	88,9	0,3257	158,5	25,808	stainless steel	4L
T.190.250.1016.A	19,0	2,50	101,6	0,3115	183,8	29,167	music wire	4L
T.190.250.1016.I	19,0	2,50	101,6	0,2675	186,3	25,808	stainless steel	4L
T.190.250.1143.A	19,0	2,50	114,3	0,2643	211,2	29,167	music wire	4L
T.190.250.1143.I	19,0	2,50	114,3	0,2270	214,1	25,808	stainless steel	4L
T.190.250.1270.A	19,0	2,50	127,0	0,2295	238,6	29,167	music wire	4L
T.190.250.1270.I	19,0	2,50	127,0	0,1971	242,0	25,808	stainless steel	4L
T.190.270.0810.A	19,0	2,70	81,0	0,6615	128,9	36,365	music wire	4L
T.190.270.0810.I	19,0	2,70	81,0	0,5681	127,7	30,649	stainless steel	4L
T.190.270.0850.A	19,0	2,70	85,0	0,6128	136,7	36,365	music wire	4L
T.190.270.0850.I	19,0	2,70	85,0	0,5263	135,4	30,649	stainless steel	4L
T.190.270.0980.A	19,0	2,70	98,0	0,4961	161,8	36,365	music wire	4L
T.190.270.0980.I	19,0	2,70	98,0	0,4261	160,2	30,649	stainless steel	4L
T.190.270.1030.A	19,0	2,70	103,0	0,4613	171,6	36,365	music wire	4L
T.190.270.1030.I	19,0	2,70	103,0	0,3962	169,9	30,649	stainless steel	4L
T.190.270.1060.A	19,0	2,70	106,0	0,4433	177,4	36,365	music wire	4L
T.190.270.1060.I	19,0	2,70	106,0	0,3808	175,6	30,649	stainless steel	4L
T.190.270.1360.A	19,0	2,70	136,0	0,3181	235,5	36,365	music wire	4L
T.190.270.1360.I	19,0	2,70	136,0	0,2732	233,0	30,649	stainless steel	4M
T.190.270.1520.A	19,0	2,70	152,0	0,2766	266,5	36,365	music wire	4L
T.190.270.1520.I	19,0	2,70	152,0	0,2376	263,6	30,649	stainless steel	4M
T.190.270.1650.A	19,0	2,70	165,0	0,2500	291,6	36,365	music wire	4M
T.190.270.1650.I	19,0	2,70	165,0	0,2147	288,5	30,649	stainless steel	4M
T.190.270.1780.A	19,0	2,70	178,0	0,2277	317,0	36,365	music wire	4M
T.190.270.1780.I	19,0	2,70	178,0	0,1956	313,6	30,649	stainless steel	4M
T.190.270.1900.A	19,0	2,70	190,0	0,2108	340,2	36,365	music wire	4M
T.190.270.1900.I	19,0	2,70	190,0	0,1811	336,4	30,649	stainless steel	4M
T.190.270.2030.A	19,0	2,70	203,0	0,1950	365,3	36,365	music wire	4M
T.190.270.2030.I	19,0	2,70	203,0	0,1675	361,3	30,649	stainless steel	4M
T.190.270.2150.A	19,0	2,70	215,0	0,1822	388,7	36,365	music wire	4M
T.190.270.2150.I	19,0	2,70	215,0	0,1565	384,4	30,649	stainless steel	4M
T.190.270.3050.A	19,0	2,70	305,0	0,1227	563,0	36,365	music wire	4M
T.190.270.3050.I	19,0	2,70	305,0	0,1054	556,6	30,649	stainless steel	4M
T.190.280.0500.A	19,0	2,80	50,0	2,0215	67,0	39,722	music wire	4L
T.190.280.0500.I	19,0	2,80	50,0	1,7363	67,6	35,289	stainless steel	4L
T.190.280.0550.A	19,0	2,80	55,0	1,6185	76,5	40,161	music wire	4L
T.190.280.0550.I	19,0	2,80	55,0	1,3901	76,0	33,878	stainless steel	4L
T.190.280.0570.A	19,0	2,80	57,0	1,5051	79,9	39,722	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.280.0570.I	19,0	2,80	57,0	1,2927	80,7	35,289	stainless steel	4L
T.190.280.0630.A	19,0	2,80	63,0	1,2377	91,1	40,161	music wire	4L
T.190.280.0630.I	19,0	2,80	63,0	1,0630	90,5	33,878	stainless steel	4L
T.190.280.0698.A	19,0	2,80	69,8	1,0228	103,8	40,161	music wire	4L
T.190.280.0698.I	19,0	2,80	69,8	0,8785	103,0	33,878	stainless steel	4L
T.190.280.0700.A	19,0	2,80	70,0	1,0208	103,7	39,722	music wire	4L
T.190.280.0700.I	19,0	2,80	70,0	0,8767	104,9	35,289	stainless steel	4L
T.190.280.0760.A	19,0	2,80	76,0	0,8888	114,7	39,722	music wire	4L
T.190.280.0760.I	19,0	2,80	76,0	0,7634	116,1	35,289	stainless steel	4L
T.190.280.1990.A	19,0	2,80	199,0	0,2434	342,0	40,161	music wire	4M
T.190.280.1990.I	19,0	2,80	199,0	0,2091	338,6	33,878	stainless steel	4M
T.190.290.0500.A	19,0	2,90	50,0	2,4189	65,6	43,685	music wire	4L
T.190.290.0500.I	19,0	2,90	50,0	2,0775	66,2	38,860	stainless steel	4L
T.190.290.0570.A	19,0	2,90	57,0	1,8076	77,9	43,685	music wire	4L
T.190.290.0570.I	19,0	2,90	57,0	1,5525	78,6	38,860	stainless steel	4L
T.190.290.0640.A	19,0	2,90	64,0	1,4429	90,1	43,685	music wire	4L
T.190.290.0640.I	19,0	2,90	64,0	1,2393	91,1	38,860	stainless steel	4L
T.190.290.0700.A	19,0	2,90	70,0	1,2302	100,7	43,685	music wire	4L
T.190.290.0700.I	19,0	2,90	70,0	1,0566	101,8	38,860	stainless steel	4L
T.190.290.0760.A	19,0	2,90	76,0	1,0722	111,2	43,685	music wire	4L
T.190.290.0760.I	19,0	2,90	76,0	0,9209	112,4	38,860	stainless steel	4L
T.190.290.0890.A	19,0	2,90	89,0	0,8387	134,0	43,685	music wire	4L
T.190.290.0890.I	19,0	2,90	89,0	0,7204	135,6	38,860	stainless steel	4L
T.190.290.1020.A	19,0	2,90	102,0	0,6887	156,8	43,685	music wire	4L
T.190.290.1020.I	19,0	2,90	102,0	0,5915	158,7	38,860	stainless steel	4L
T.190.290.1150.A	19,0	2,90	115,0	0,5843	179,6	43,685	music wire	4L
T.190.290.1150.I	19,0	2,90	115,0	0,5018	181,9	38,860	stainless steel	4M
T.190.290.1270.A	19,0	2,90	127,0	0,5125	200,6	43,685	music wire	4L
T.190.290.1270.I	19,0	2,90	127,0	0,4402	203,2	38,860	stainless steel	4M
T.190.290.1400.A	19,0	2,90	140,0	0,4523	223,4	43,685	music wire	4M
T.190.290.1400.I	19,0	2,90	140,0	0,3885	226,4	38,860	stainless steel	4M
T.190.290.1520.A	19,0	2,90	152,0	0,4081	244,4	43,685	music wire	4M
T.190.290.1520.I	19,0	2,90	152,0	0,3505	247,7	38,860	stainless steel	4M
T.190.290.1750.A	19,0	2,90	175,0	0,3437	284,8	43,685	music wire	4M
T.190.290.1750.I	19,0	2,90	175,0	0,2952	288,7	38,860	stainless steel	4M
T.190.290.3020.A	19,0	2,90	302,0	0,1836	507,4	43,685	music wire	4M
T.190.290.3020.I	19,0	2,90	302,0	0,1577	514,8	38,860	stainless steel	4M
T.190.300.0508.A	19,0	3,00	50,8	2,7724	65,7	47,875	music wire	4L
T.190.300.0508.I	19,0	3,00	50,8	2,3812	66,2	42,641	stainless steel	4L
T.190.300.0572.A	19,0	3,00	57,2	2,1432	76,4	47,875	music wire	4L
T.190.300.0572.I	19,0	3,00	57,2	1,8408	77,1	42,641	stainless steel	4L
T.190.300.0635.A	19,0	3,00	63,5	1,7518	87,0	47,875	music wire	4L
T.190.300.0635.I	19,0	3,00	63,5	1,5046	87,9	42,641	stainless steel	4L
T.190.300.0698.A	19,0	3,00	69,8	1,4813	97,6	47,875	music wire	4L
T.190.300.0698.I	19,0	3,00	69,8	1,2723	98,6	42,641	stainless steel	4L
T.190.300.0762.A	19,0	3,00	76,2	1,2805	108,4	47,875	music wire	4L
T.190.300.0762.I	19,0	3,00	76,2	1,0998	109,5	42,641	stainless steel	4L
T.190.300.0889.A	19,0	3,00	88,9	1,0090	129,7	47,875	music wire	4L
T.190.300.0889.I	19,0	3,00	88,9	0,8666	131,2	42,641	stainless steel	4L
T.190.300.1016.A	19,0	3,00	101,6	0,8325	151,1	47,875	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.190.300.1016.I	19,0	3,00	101,6	0,7150	152,9	42,641	stainless steel	4L
T.190.300.1143.A	19,0	3,00	114,3	0,7100	172,4	47,875	music wire	4L
T.190.300.1143.I	19,0	3,00	114,3	0,6100	174,6	42,641	stainless steel	4M
T.190.300.1190.A	19,0	3,00	119,0	0,6715	180,3	47,875	music wire	4L
T.190.300.1190.I	19,0	3,00	119,0	0,5768	182,6	42,641	stainless steel	4M
T.190.300.1270.A	19,0	3,00	127,0	0,6167	193,8	47,875	music wire	4L
T.190.300.1270.I	19,0	3,00	127,0	0,5297	196,2	42,641	stainless steel	4M
T.190.300.1397.A	19,0	3,00	139,7	0,5460	215,1	47,875	music wire	4M
T.190.300.1397.I	19,0	3,00	139,7	0,4689	217,9	42,641	stainless steel	4M
T.190.300.1524.A	19,0	3,00	152,4	0,4898	236,5	47,875	music wire	4M
T.190.300.1524.I	19,0	3,00	152,4	0,4207	239,6	42,641	stainless steel	4M
T.190.340.0890.A	19,0	3,40	89,0	1,9922	117,5	66,962	music wire	4M
T.190.340.0890.I	19,0	3,40	89,0	1,7111	118,7	59,927	stainless steel	4M
T.190.340.1780.A	19,0	3,40	178,0	0,8100	247,9	66,962	music wire	4M
T.190.340.1780.I	19,0	3,40	178,0	0,6972	250,8	59,927	stainless steel	4M
T.191.125.0400.A	19,1	1,25	40,0	0,0994	80,6	4,238	music wire	4F
T.191.125.0400.I	19,1	1,25	40,0	0,0854	79,2	3,515	stainless steel	4G
T.191.125.0500.A	19,1	1,25	50,0	0,0352	164,7	4,230	music wire	4F
T.191.125.0500.I	19,1	1,25	50,0	0,0302	165,6	3,662	stainless steel	4G
T.191.125.0570.A	19,1	1,25	57,0	0,0242	223,3	4,230	music wire	4G
T.191.125.0570.I	19,1	1,25	57,0	0,0208	224,6	3,662	stainless steel	4G
T.191.125.0600.A	19,1	1,25	60,0	0,0214	248,4	4,238	music wire	4G
T.191.125.0600.I	19,1	1,25	60,0	0,0184	241,6	3,515	stainless steel	4G
T.191.125.0640.A	19,1	1,25	64,0	0,0185	281,9	4,230	music wire	4G
T.191.125.0640.I	19,1	1,25	64,0	0,0159	283,7	3,662	stainless steel	4G
T.191.125.0700.A	19,1	1,25	70,0	0,0154	332,2	4,230	music wire	4G
T.191.125.0700.I	19,1	1,25	70,0	0,0132	334,3	3,662	stainless steel	4G
T.191.125.0760.A	19,1	1,25	76,0	0,0132	382,4	4,230	music wire	4G
T.191.125.0760.I	19,1	1,25	76,0	0,0113	384,9	3,662	stainless steel	4G
T.191.125.0800.A	19,1	1,25	80,0	0,0120	416,3	4,238	music wire	4G
T.191.125.0800.I	19,1	1,25	80,0	0,0103	404,0	3,515	stainless steel	4G
T.191.125.0830.A	19,1	1,25	83,0	0,0113	441,0	4,230	music wire	4G
T.191.125.0830.I	19,1	1,25	83,0	0,0097	443,9	3,662	stainless steel	4G
T.191.125.0890.A	19,1	1,25	89,0	0,0100	491,3	4,230	music wire	4G
T.191.125.0890.I	19,1	1,25	89,0	0,0086	494,5	3,662	stainless steel	4G
T.191.125.1000.A	19,1	1,25	100,0	0,0083	584,1	4,238	music wire	4G
T.191.125.1000.I	19,1	1,25	100,0	0,0072	566,5	3,515	stainless steel	4G
T.191.125.1200.A	19,1	1,25	120,0	0,0064	751,9	4,238	music wire	4G
T.191.125.1200.I	19,1	1,25	120,0	0,0055	728,9	3,515	stainless steel	4H
T.191.125.1400.A	19,1	1,25	140,0	0,0052	919,7	4,238	music wire	4H
T.191.125.1400.I	19,1	1,25	140,0	0,0045	891,4	3,515	stainless steel	4H
T.191.125.1600.A	19,1	1,25	160,0	0,0044	1087,5	4,238	music wire	4H
T.191.125.1600.I	19,1	1,25	160,0	0,0037	1053,8	3,515	stainless steel	4I
T.191.125.1800.A	19,1	1,25	180,0	0,0038	1255,3	4,238	music wire	4H
T.191.125.1800.I	19,1	1,25	180,0	0,0032	1216,2	3,515	stainless steel	4I
T.191.125.2000.A	19,1	1,25	200,0	0,0033	1423,1	4,238	music wire	4I
T.191.125.2000.I	19,1	1,25	200,0	0,0028	1378,7	3,515	stainless steel	4I
T.191.125.2200.A	19,1	1,25	220,0	0,0029	1590,9	4,238	music wire	4I
T.191.125.2200.I	19,1	1,25	220,0	0,0025	1541,1	3,515	stainless steel	4I
T.191.125.3000.A	19,1	1,25	300,0	0,0021	2262,1	4,238	music wire	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.191.125.3000.I	19,1	1,25	300,0	0,0018	2190,9	3,515	stainless steel	4I
T.191.140.0400.A	19,1	1,40	40,0	0,1641	73,4	5,831	music wire	4H
T.191.140.0400.I	19,1	1,40	40,0	0,1410	72,2	4,847	stainless steel	4H
T.191.140.0890.A	19,1	1,40	89,0	0,0180	392,8	5,813	music wire	4I
T.191.140.0890.I	19,1	1,40	89,0	0,0154	396,2	5,049	stainless steel	4I
T.191.140.2200.A	19,1	1,40	220,0	0,0053	1251,1	5,831	music wire	4I
T.191.140.2200.I	19,1	1,40	220,0	0,0046	1215,1	4,847	stainless steel	4I
T.191.160.0400.A	19,1	1,60	40,0	0,3038	65,8	8,482	music wire	4I
T.191.160.0400.I	19,1	1,60	40,0	0,2610	64,9	7,069	stainless steel	4I
T.191.160.0600.A	19,1	1,60	60,0	0,0750	164,4	8,482	music wire	4I
T.191.160.0600.I	19,1	1,60	60,0	0,0645	160,9	7,069	stainless steel	4I
T.191.160.0800.A	19,1	1,60	80,0	0,0428	263,0	8,482	music wire	4I
T.191.160.0800.I	19,1	1,60	80,0	0,0368	257,0	7,069	stainless steel	4I
T.191.160.0830.A	19,1	1,60	83,0	0,0402	277,1	8,444	music wire	4I
T.191.160.0830.I	19,1	1,60	83,0	0,0345	280,0	7,363	stainless steel	4I
T.191.160.0890.A	19,1	1,60	89,0	0,0358	306,6	8,444	music wire	4I
T.191.160.0890.I	19,1	1,60	89,0	0,0308	309,9	7,363	stainless steel	4I
T.191.160.1000.A	19,1	1,60	100,0	0,0300	360,6	8,444	music wire	4I
T.191.160.1000.I	19,1	1,60	100,0	0,0257	364,6	7,363	stainless steel	4I
T.191.160.1150.A	19,1	1,60	115,0	0,0244	434,3	8,444	music wire	4I
T.191.160.1150.I	19,1	1,60	115,0	0,0210	439,2	7,363	stainless steel	4I
T.191.160.1200.A	19,1	1,60	120,0	0,0230	460,2	8,482	music wire	4I
T.191.160.1200.I	19,1	1,60	120,0	0,0198	449,0	7,069	stainless steel	4I
T.191.160.1270.A	19,1	1,60	127,0	0,0213	493,2	8,444	music wire	4I
T.191.160.1270.I	19,1	1,60	127,0	0,0183	498,9	7,363	stainless steel	4I
T.191.160.1400.A	19,1	1,60	140,0	0,0187	558,9	8,482	music wire	4I
T.191.160.1400.I	19,1	1,60	140,0	0,0161	545,0	7,069	stainless steel	4I
T.191.160.1600.A	19,1	1,60	160,0	0,0157	657,5	8,482	music wire	4I
T.191.160.1600.I	19,1	1,60	160,0	0,0135	641,0	7,069	stainless steel	4I
T.191.160.1900.A	19,1	1,60	190,0	0,0127	802,8	8,444	music wire	4I
T.191.160.1900.I	19,1	1,60	190,0	0,0109	812,1	7,363	stainless steel	4I
T.191.160.2000.A	19,1	1,60	200,0	0,0120	854,7	8,482	music wire	4I
T.191.160.2000.I	19,1	1,60	200,0	0,0103	833,0	7,069	stainless steel	4J
T.191.160.2200.A	19,1	1,60	220,0	0,0107	953,3	8,482	music wire	4I
T.191.160.2200.I	19,1	1,60	220,0	0,0092	929,1	7,069	stainless steel	4J
T.191.160.2400.A	19,1	1,60	240,0	0,0096	1051,9	8,482	music wire	4J
T.191.160.2400.I	19,1	1,60	240,0	0,0083	1025,1	7,069	stainless steel	4J
T.191.160.3000.A	19,1	1,60	300,0	0,0075	1347,8	8,482	music wire	4J
T.191.160.3000.I	19,1	1,60	300,0	0,0064	1313,1	7,069	stainless steel	4J
T.191.200.0600.A	19,1	2,00	60,0	0,2345	120,7	15,812	music wire	4L
T.191.200.0600.I	19,1	2,00	60,0	0,2014	118,9	13,237	stainless steel	4L
T.191.200.1300.A	19,1	2,00	130,0	0,0667	342,1	15,702	music wire	4L
T.191.200.1300.I	19,1	2,00	130,0	0,0573	346,8	13,789	stainless steel	4L
T.191.200.2200.A	19,1	2,00	220,0	0,0347	630,1	15,812	music wire	4M
T.191.200.2200.I	19,1	2,00	220,0	0,0298	617,9	13,237	stainless steel	4M
T.191.220.0400.A	19,1	2,20	40,0	1,3011	54,1	20,597	music wire	4L
T.191.220.0400.I	19,1	2,20	40,0	1,1175	53,7	17,279	stainless steel	4L
T.191.220.0500.A	19,1	2,20	50,0	0,5912	80,8	20,432	music wire	4L
T.191.220.0500.I	19,1	2,20	50,0	0,5077	81,6	17,999	stainless steel	4L
T.191.220.0570.A	19,1	2,20	57,0	0,4282	99,5	20,432	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.191.220.0570.I	19,1	2,20	57,0	0,3678	100,6	17,999	stainless steel	4L
T.191.220.0600.A	19,1	2,20	60,0	0,3833	107,9	20,597	music wire	4L
T.191.220.0600.I	19,1	2,20	60,0	0,3292	106,5	17,279	stainless steel	4L
T.191.220.0640.A	19,1	2,20	64,0	0,3357	118,2	20,432	music wire	4L
T.191.220.0640.I	19,1	2,20	64,0	0,2883	119,6	17,999	stainless steel	4L
T.191.220.0700.A	19,1	2,20	70,0	0,2833	134,3	20,432	music wire	4L
T.191.220.0700.I	19,1	2,20	70,0	0,2433	135,9	17,999	stainless steel	4L
T.191.220.0760.A	19,1	2,20	76,0	0,2450	150,3	20,432	music wire	4L
T.191.220.0760.I	19,1	2,20	76,0	0,2100	152,2	17,999	stainless steel	4L
T.191.220.0800.A	19,1	2,20	80,0	0,2247	161,7	20,597	music wire	4L
T.191.220.0800.I	19,1	2,20	80,0	0,1930	159,3	17,279	stainless steel	4L
T.191.220.0890.A	19,1	2,20	89,0	0,1895	185,1	20,432	music wire	4L
T.191.220.0890.I	19,1	2,20	89,0	0,1628	187,5	17,999	stainless steel	4L
T.191.220.1000.A	19,1	2,20	100,0	0,1590	215,4	20,597	music wire	4L
T.191.220.1000.I	19,1	2,20	100,0	0,1365	212,2	17,279	stainless steel	4L
T.191.220.1020.A	19,1	2,20	102,0	0,1545	219,8	20,432	music wire	4L
T.191.220.1020.I	19,1	2,20	102,0	0,1327	222,8	17,999	stainless steel	4L
T.191.220.1150.A	19,1	2,20	115,0	0,1304	254,6	20,432	music wire	4L
T.191.220.1150.I	19,1	2,20	115,0	0,1120	258,2	17,999	stainless steel	4L
T.191.220.1200.A	19,1	2,20	120,0	0,1230	269,2	20,597	music wire	4L
T.191.220.1200.I	19,1	2,20	120,0	0,1056	265,0	17,279	stainless steel	4L
T.191.220.1270.A	19,1	2,20	127,0	0,1140	286,7	20,432	music wire	4L
T.191.220.1270.I	19,1	2,20	127,0	0,0979	290,8	17,999	stainless steel	4L
T.191.220.1400.A	19,1	2,20	140,0	0,1003	323,0	20,597	music wire	4L
T.191.220.1400.I	19,1	2,20	140,0	0,0861	317,8	17,279	stainless steel	4L
T.191.220.1600.A	19,1	2,20	160,0	0,0847	376,8	20,597	music wire	4L
T.191.220.1600.I	19,1	2,20	160,0	0,0727	370,6	17,279	stainless steel	4L
T.191.220.1800.A	19,1	2,20	180,0	0,0732	430,5	20,597	music wire	4L
T.191.220.1800.I	19,1	2,20	180,0	0,0629	423,5	17,279	stainless steel	4M
T.191.220.2000.A	19,1	2,20	200,0	0,0646	483,9	20,597	music wire	4M
T.191.220.2000.I	19,1	2,20	200,0	0,0555	475,9	17,279	stainless steel	4M
T.191.220.2200.A	19,1	2,20	220,0	0,0578	537,7	20,597	music wire	4M
T.191.220.2200.I	19,1	2,20	220,0	0,0496	528,7	17,279	stainless steel	4M
T.191.220.2800.A	19,1	2,20	280,0	0,0438	699,0	20,597	music wire	4M
T.191.220.2800.I	19,1	2,20	280,0	0,0376	687,2	17,279	stainless steel	4M
T.191.220.3000.A	19,1	2,20	300,0	0,0405	752,8	20,597	music wire	4M
T.191.220.3000.I	19,1	2,20	300,0	0,0348	740,0	17,279	stainless steel	4M
T.191.220.3200.A	19,1	2,20	320,0	0,0377	806,6	20,597	music wire	4M
T.191.220.3200.I	19,1	2,20	320,0	0,0324	792,8	17,279	stainless steel	4M
T.191.235.0600.A	19,1	2,35	60,0	0,5375	100,7	24,715	music wire	4L
T.191.235.0600.I	19,1	2,35	60,0	0,4617	99,6	20,764	stainless steel	4L
T.191.235.0830.A	19,1	2,35	83,0	0,3000	155,3	24,497	music wire	4L
T.191.235.0830.I	19,1	2,35	83,0	0,2574	157,3	21,629	stainless steel	4L
T.191.235.1000.A	19,1	2,35	100,0	0,2256	196,9	24,715	music wire	4L
T.191.235.1000.I	19,1	2,35	100,0	0,1938	194,3	20,764	stainless steel	4L
T.191.235.1430.A	19,1	2,35	143,0	0,1389	299,0	24,497	music wire	4L
T.191.235.1430.I	19,1	2,35	143,0	0,1193	303,4	21,629	stainless steel	4L
T.191.235.2200.A	19,1	2,35	220,0	0,0822	485,8	24,715	music wire	4M
T.191.235.2200.I	19,1	2,35	220,0	0,0706	478,6	20,764	stainless steel	4M
T.191.250.0600.A	19,1	2,50	60,0	0,7436	94,6	29,306	music wire	4L



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.191.250.0600.I	19,1	2,50	60,0	0,6386	93,7	24,656	stainless steel	4L
T.191.250.1460.A	19,1	2,50	146,0	0,1886	281,2	29,026	music wire	4L
T.191.250.1460.I	19,1	2,50	146,0	0,1620	285,3	25,683	stainless steel	4M
T.191.250.2000.A	19,1	2,50	200,0	0,1285	400,4	29,306	music wire	4M
T.191.250.2000.I	19,1	2,50	200,0	0,1104	395,1	24,656	stainless steel	4M
T.191.270.0380.A	19,1	2,70	38,0	4,1950	45,4	35,812	music wire	4L
T.191.270.0400.A	19,1	2,70	40,0	3,3173	49,5	36,191	music wire	4L
T.191.270.0400.I	19,1	2,70	40,0	2,8492	49,3	30,503	stainless steel	4L
T.191.270.0480.A	19,1	2,70	48,0	1,8514	64,8	35,812	music wire	4L
T.191.270.0480.I	19,1	2,70	48,0	1,5902	65,4	31,774	stainless steel	4L
T.191.270.0500.A	19,1	2,70	50,0	1,6653	68,7	35,812	music wire	4L
T.191.270.0500.I	19,1	2,70	50,0	1,4304	69,3	31,774	stainless steel	4L
T.191.270.0570.A	19,1	2,70	57,0	1,2320	82,3	35,812	music wire	4L
T.191.270.0570.I	19,1	2,70	57,0	1,0581	83,2	31,774	stainless steel	4L
T.191.270.0600.A	19,1	2,70	60,0	1,1084	88,1	35,812	music wire	4L
T.191.270.0600.I	19,1	2,70	60,0	0,9520	89,1	31,774	stainless steel	4L
T.191.270.0640.A	19,1	2,70	64,0	0,9776	95,9	35,812	music wire	4L
T.191.270.0640.I	19,1	2,70	64,0	0,8396	97,0	31,774	stainless steel	4L
T.191.270.0700.A	19,1	2,70	70,0	0,8306	107,6	35,812	music wire	4L
T.191.270.0700.I	19,1	2,70	70,0	0,7134	108,8	31,774	stainless steel	4L
T.191.270.0760.A	19,1	2,70	76,0	0,7220	119,2	35,812	music wire	4L
T.191.270.0760.I	19,1	2,70	76,0	0,6201	120,6	31,774	stainless steel	4L
T.191.270.0800.A	19,1	2,70	80,0	0,6641	127,0	35,812	music wire	4L
T.191.270.0800.I	19,1	2,70	80,0	0,5704	128,5	31,774	stainless steel	4L
T.191.270.0830.A	19,1	2,70	83,0	0,6265	132,8	35,812	music wire	4L
T.191.270.0830.I	19,1	2,70	83,0	0,5381	134,4	31,774	stainless steel	4L
T.191.270.0890.A	19,1	2,70	89,0	0,5627	144,4	35,812	music wire	4L
T.191.270.0890.I	19,1	2,70	89,0	0,4833	146,3	31,774	stainless steel	4L
T.191.270.1000.A	19,1	2,70	100,0	0,4739	166,5	36,191	music wire	4L
T.191.270.1000.I	19,1	2,70	100,0	0,4070	164,9	30,503	stainless steel	4L
T.191.270.1020.A	19,1	2,70	102,0	0,4609	169,7	35,812	music wire	4L
T.191.270.1020.I	19,1	2,70	102,0	0,3959	171,9	31,774	stainless steel	4L
T.191.270.1150.A	19,1	2,70	115,0	0,3903	194,9	35,812	music wire	4L
T.191.270.1150.I	19,1	2,70	115,0	0,3353	197,5	31,774	stainless steel	4L
T.191.270.1200.A	19,1	2,70	120,0	0,3686	205,5	36,191	music wire	4L
T.191.270.1200.I	19,1	2,70	120,0	0,3166	203,4	30,503	stainless steel	4L
T.191.270.1270.A	19,1	2,70	127,0	0,3420	218,2	35,812	music wire	4L
T.191.270.1270.I	19,1	2,70	127,0	0,2937	221,2	31,774	stainless steel	4L
T.191.270.1400.A	19,1	2,70	140,0	0,3016	244,5	36,191	music wire	4L
T.191.270.1400.I	19,1	2,70	140,0	0,2590	241,9	30,503	stainless steel	4M
T.191.270.1450.A	19,1	2,70	145,0	0,2884	253,2	35,812	music wire	4L
T.191.270.1450.I	19,1	2,70	145,0	0,2477	256,7	31,774	stainless steel	4M
T.191.270.1600.A	19,1	2,70	160,0	0,2552	283,5	36,191	music wire	4L
T.191.270.1600.I	19,1	2,70	160,0	0,2192	280,5	30,503	stainless steel	4M
T.191.270.1800.A	19,1	2,70	180,0	0,2212	322,5	36,191	music wire	4M
T.191.270.1800.I	19,1	2,70	180,0	0,1899	319,0	30,503	stainless steel	4M
T.191.270.1850.A	19,1	2,70	185,0	0,2139	330,8	35,812	music wire	4M
T.191.270.1850.I	19,1	2,70	185,0	0,1838	335,6	31,774	stainless steel	4M
T.191.270.2000.A	19,1	2,70	200,0	0,1951	361,5	36,191	music wire	4M
T.191.270.2000.I	19,1	2,70	200,0	0,1676	357,5	30,503	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.191.270.2200.A	19,1	2,70	220,0	0,1746	400,6	36,191	music wire	4M
T.191.270.2200.I	19,1	2,70	220,0	0,1500	396,1	30,503	stainless steel	4M
T.191.270.3000.A	19,1	2,70	300,0	0,1227	556,8	36,191	music wire	4M
T.191.270.3000.I	19,1	2,70	300,0	0,1054	550,5	30,503	stainless steel	4M
T.191.270.3200.A	19,1	2,70	320,0	0,1143	592,9	35,812	music wire	4M
T.191.270.3200.I	19,1	2,70	320,0	0,0982	601,9	31,774	stainless steel	4M
T.191.280.1000.A	19,1	2,80	100,0	0,5761	160,2	39,970	music wire	4L
T.191.280.1000.I	19,1	2,80	100,0	0,4948	158,7	33,717	stainless steel	4L
T.191.280.2000.A	19,1	2,80	200,0	0,2378	345,8	39,970	music wire	4M
T.191.280.2000.I	19,1	2,80	200,0	0,2043	342,3	33,717	stainless steel	4M
T.191.280.4200.A	19,1	2,80	420,0	0,1038	750,5	39,534	music wire	4N
T.191.280.4200.I	19,1	2,80	420,0	0,0891	761,9	35,122	stainless steel	4N
T.191.320.0570.A	19,1	3,20	57,0	2,9944	73,2	56,688	music wire	4L
T.191.320.0570.I	19,1	3,20	57,0	2,5719	73,8	50,614	stainless steel	4L
T.191.320.0600.A	19,1	3,20	60,0	2,7118	78,1	57,414	music wire	4L
T.191.320.0600.I	19,1	3,20	60,0	2,3291	77,7	48,589	stainless steel	4L
T.191.320.0640.A	19,1	3,20	64,0	2,4023	84,1	56,688	music wire	4L
T.191.320.0640.I	19,1	3,20	64,0	2,0633	84,9	50,614	stainless steel	4M
T.191.320.0700.A	19,1	3,20	70,0	2,0541	93,6	56,688	music wire	4L
T.191.320.0700.I	19,1	3,20	70,0	1,7643	94,5	50,614	stainless steel	4M
T.191.320.0760.A	19,1	3,20	76,0	1,7941	103,0	56,688	music wire	4L
T.191.320.0760.I	19,1	3,20	76,0	1,5409	104,0	50,614	stainless steel	4M
T.191.320.0800.A	19,1	3,20	80,0	1,6506	109,7	57,414	music wire	4L
T.191.320.0800.I	19,1	3,20	80,0	1,4177	109,1	48,589	stainless steel	4M
T.191.320.0890.A	19,1	3,20	89,0	1,4080	123,4	56,688	music wire	4M
T.191.320.0890.I	19,1	3,20	89,0	1,2093	124,7	50,614	stainless steel	4M
T.191.320.1000.A	19,1	3,20	100,0	1,1917	141,1	57,414	music wire	4M
T.191.320.1000.I	19,1	3,20	100,0	1,0236	140,2	48,589	stainless steel	4M
T.191.320.1020.A	19,1	3,20	102,0	1,1586	143,8	56,688	music wire	4M
T.191.320.1020.I	19,1	3,20	102,0	0,9951	145,4	50,614	stainless steel	4M
T.191.320.1150.A	19,1	3,20	115,0	0,9843	164,2	56,688	music wire	4M
T.191.320.1150.I	19,1	3,20	115,0	0,8454	166,1	50,614	stainless steel	4M
T.191.320.1200.A	19,1	3,20	120,0	0,9292	172,8	57,414	music wire	4M
T.191.320.1200.I	19,1	3,20	120,0	0,7981	171,6	48,589	stainless steel	4M
T.191.320.1270.A	19,1	3,20	127,0	0,8642	183,0	56,688	music wire	4M
T.191.320.1270.I	19,1	3,20	127,0	0,7423	185,2	50,614	stainless steel	4M
T.191.320.1400.A	19,1	3,20	140,0	0,7637	204,2	57,414	music wire	4M
T.191.320.1400.I	19,1	3,20	140,0	0,6559	202,8	48,589	stainless steel	4M
T.191.320.1600.A	19,1	3,20	160,0	0,6466	235,8	57,414	music wire	4M
T.191.320.1600.I	19,1	3,20	160,0	0,5554	234,2	48,589	stainless steel	4M
T.191.320.1800.A	19,1	3,20	180,0	0,5618	267,3	57,414	music wire	4M
T.191.320.1800.I	19,1	3,20	180,0	0,4826	265,4	48,589	stainless steel	4M
T.191.320.1850.A	19,1	3,20	185,0	0,5437	274,0	56,688	music wire	4M
T.191.320.1850.I	19,1	3,20	185,0	0,4670	277,5	50,614	stainless steel	4M
T.191.320.2000.A	19,1	3,20	200,0	0,4958	298,9	57,414	music wire	4M
T.191.320.2000.I	19,1	3,20	200,0	0,4258	296,7	48,589	stainless steel	4M
T.191.320.2200.A	19,1	3,20	220,0	0,4444	330,3	57,414	music wire	4M
T.191.320.2200.I	19,1	3,20	220,0	0,3817	327,9	48,589	stainless steel	4M
T.191.320.2400.A	19,1	3,20	240,0	0,4020	361,9	57,414	music wire	4M
T.191.320.2400.I	19,1	3,20	240,0	0,3453	359,3	48,589	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.191.320.2600.A	19,1	3,20	260,0	0,3676	393,4	57,414	music wire	4M
T.191.320.2600.I	19,1	3,20	260,0	0,3157	390,5	48,589	stainless steel	4M
T.191.320.2800.A	19,1	3,20	280,0	0,3381	425,0	57,414	music wire	4M
T.191.320.2800.I	19,1	3,20	280,0	0,2904	421,8	48,589	stainless steel	4N
T.191.320.3000.A	19,1	3,20	300,0	0,3134	456,4	57,414	music wire	4N
T.191.320.3000.I	19,1	3,20	300,0	0,2692	453,0	48,589	stainless steel	4N
T.191.360.1000.A	19,1	3,60	100,0	2,2747	129,1	78,698	music wire	5C
T.191.360.1000.I	19,1	3,60	100,0	1,9538	128,5	66,801	stainless steel	5C
T.191.360.1800.A	19,1	3,60	180,0	1,0837	241,1	78,698	music wire	5C
T.191.360.1800.I	19,1	3,60	180,0	0,9308	239,9	66,801	stainless steel	5C
T.191.360.2150.A	19,1	3,60	215,0	0,8818	289,0	77,578	music wire	5C
T.191.360.2150.I	19,1	3,60	215,0	0,7573	292,3	69,584	stainless steel	5C
T.192.320.0620.A	19,2	3,20	62,0	2,5137	81,2	56,429	music wire	4L
T.192.320.0620.I	19,2	3,20	62,0	2,1590	81,9	50,382	stainless steel	4M
T.192.320.0800.A	19,2	3,20	80,0	1,6300	110,0	57,151	music wire	4L
T.192.320.0800.I	19,2	3,20	80,0	1,4000	109,3	48,367	stainless steel	4M
T.192.320.1030.A	19,2	3,20	103,0	1,1247	145,9	56,429	music wire	4M
T.192.320.1030.I	19,2	3,20	103,0	0,9660	147,6	50,382	stainless steel	4M
T.192.320.1200.A	19,2	3,20	120,0	0,9151	173,4	57,151	music wire	4M
T.192.320.1200.I	19,2	3,20	120,0	0,7860	172,2	48,367	stainless steel	4M
T.192.320.1510.A	19,2	3,20	151,0	0,6829	221,6	56,429	music wire	4M
T.192.320.1510.I	19,2	3,20	151,0	0,5866	224,4	50,382	stainless steel	4M
T.192.320.1600.A	19,2	3,20	160,0	0,6361	236,8	57,151	music wire	4M
T.192.320.1600.I	19,2	3,20	160,0	0,5463	235,1	48,367	stainless steel	4M
T.192.320.1740.A	19,2	3,20	174,0	0,5748	257,9	56,429	music wire	4M
T.192.320.1740.I	19,2	3,20	174,0	0,4937	261,2	50,382	stainless steel	4M
T.192.320.1960.A	19,2	3,20	196,0	0,5000	292,6	56,429	music wire	4M
T.192.320.1960.I	19,2	3,20	196,0	0,4287	296,4	50,382	stainless steel	4M
T.192.320.2210.A	19,2	3,20	221,0	0,4342	332,0	56,429	music wire	4M
T.192.320.2210.I	19,2	3,20	221,0	0,3729	336,4	50,382	stainless steel	4M
T.192.320.2470.A	19,2	3,20	247,0	0,3825	373,1	56,429	music wire	4M
T.192.320.2470.I	19,2	3,20	247,0	0,3285	378,0	50,382	stainless steel	4M
T.192.320.2730.A	19,2	3,20	273,0	0,3418	414,1	56,429	music wire	4M
T.192.320.2730.I	19,2	3,20	273,0	0,2935	419,7	50,382	stainless steel	4M
T.194.085.0470.A	19,4	0,85	47,0	0,0066	260,1	1,404	music wire	4C
T.194.085.0470.I	19,4	0,85	47,0	0,0057	259,6	1,203	stainless steel	4D
T.194.190.0890.A	19,4	1,90	89,0	0,0842	233,6	13,421	music wire	4J
T.194.190.0890.I	19,4	1,90	89,0	0,0723	236,6	11,766	stainless steel	4J
T.195.270.0730.A	19,5	2,70	73,0	0,7323	114,9	35,140	music wire	4L
T.195.270.0730.I	19,5	2,70	73,0	0,6290	116,3	31,178	stainless steel	4L
T.198.240.0750.A	19,8	2,40	75,0	0,3615	136,5	25,099	music wire	4L
T.198.240.0750.I	19,8	2,40	75,0	0,3100	138,3	22,177	stainless steel	4L
T.199.120.0570.A	19,9	1,20	57,0	0,0186	244,4	3,623	music wire	4G
T.199.120.0570.I	19,9	1,20	57,0	0,0160	245,7	3,133	stainless steel	4G
T.199.140.0730.A	19,9	1,40	73,0	0,0231	300,9	5,586	music wire	4I
T.199.140.0730.I	19,9	1,40	73,0	0,0199	303,5	4,852	stainless steel	4I
T.200.140.0508.A	20,0	1,40	50,8	0,0568	143,5	5,576	music wire	4H
T.200.140.0508.I	20,0	1,40	50,8	0,0488	140,3	4,635	stainless steel	4I
T.200.140.0540.A	20,0	1,40	54,0	0,0468	166,6	5,576	music wire	4H
T.200.140.0540.I	20,0	1,40	54,0	0,0402	162,7	4,635	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.140.0550.A	20,0	1,40	55,0	0,0444	173,7	5,576	music wire	4H
T.200.140.0550.I	20,0	1,40	55,0	0,0381	169,5	4,635	stainless steel	4I
T.200.140.0572.A	20,0	1,40	57,2	0,0398	189,7	5,576	music wire	4H
T.200.140.0572.I	20,0	1,40	57,2	0,0341	185,1	4,635	stainless steel	4I
T.200.140.0630.A	20,0	1,40	63,0	0,0313	230,7	5,558	music wire	4H
T.200.140.0630.I	20,0	1,40	63,0	0,0269	232,6	4,828	stainless steel	4I
T.200.140.0635.A	20,0	1,40	63,5	0,0307	235,0	5,576	music wire	4H
T.200.140.0635.I	20,0	1,40	63,5	0,0264	229,0	4,635	stainless steel	4I
T.200.140.0698.A	20,0	1,40	69,8	0,0250	280,3	5,576	music wire	4H
T.200.140.0698.I	20,0	1,40	69,8	0,0215	273,0	4,635	stainless steel	4I
T.200.140.0700.A	20,0	1,40	70,0	0,0249	281,3	5,576	music wire	4H
T.200.140.0700.I	20,0	1,40	70,0	0,0214	274,0	4,635	stainless steel	4I
T.200.140.0750.A	20,0	1,40	75,0	0,0217	317,5	5,576	music wire	4I
T.200.140.0750.I	20,0	1,40	75,0	0,0187	309,1	4,635	stainless steel	4I
T.200.140.0760.A	20,0	1,40	76,0	0,0212	324,6	5,576	music wire	4I
T.200.140.0760.I	20,0	1,40	76,0	0,0182	316,0	4,635	stainless steel	4I
T.200.140.0762.A	20,0	1,40	76,2	0,0210	326,5	5,576	music wire	4I
T.200.140.0762.I	20,0	1,40	76,2	0,0181	317,8	4,635	stainless steel	4I
T.200.140.0800.A	20,0	1,40	80,0	0,0193	352,6	5,558	music wire	4I
T.200.140.0800.I	20,0	1,40	80,0	0,0165	355,6	4,828	stainless steel	4I
T.200.140.0810.A	20,0	1,40	81,0	0,0188	360,7	5,576	music wire	4I
T.200.140.0810.I	20,0	1,40	81,0	0,0162	351,1	4,635	stainless steel	4I
T.200.140.0830.A	20,0	1,40	83,0	0,0180	374,9	5,576	music wire	4I
T.200.140.0830.I	20,0	1,40	83,0	0,0155	364,8	4,635	stainless steel	4I
T.200.140.0850.A	20,0	1,40	85,0	0,0173	389,0	5,576	music wire	4I
T.200.140.0850.I	20,0	1,40	85,0	0,0149	378,5	4,635	stainless steel	4I
T.200.140.0870.A	20,0	1,40	87,0	0,0166	404,0	5,576	music wire	4I
T.200.140.0870.I	20,0	1,40	87,0	0,0143	393,0	4,635	stainless steel	4I
T.200.140.0890.A	20,0	1,40	89,0	0,0160	418,1	5,576	music wire	4I
T.200.140.0890.I	20,0	1,40	89,0	0,0137	406,7	4,635	stainless steel	4I
T.200.140.0980.A	20,0	1,40	98,0	0,0137	482,5	5,576	music wire	4I
T.200.140.0980.I	20,0	1,40	98,0	0,0118	469,2	4,635	stainless steel	4I
T.200.140.1000.A	20,0	1,40	100,0	0,0133	495,9	5,558	music wire	4I
T.200.140.1000.I	20,0	1,40	100,0	0,0114	500,4	4,828	stainless steel	4I
T.200.140.1020.A	20,0	1,40	102,0	0,0129	511,6	5,576	music wire	4I
T.200.140.1020.I	20,0	1,40	102,0	0,0110	497,5	4,635	stainless steel	4I
T.200.140.1090.A	20,0	1,40	109,0	0,0116	562,0	5,576	music wire	4I
T.200.140.1090.I	20,0	1,40	109,0	0,0100	546,3	4,635	stainless steel	4I
T.200.140.1143.A	20,0	1,40	114,3	0,0108	600,2	5,576	music wire	4I
T.200.140.1143.I	20,0	1,40	114,3	0,0093	583,3	4,635	stainless steel	4I
T.200.140.1150.A	20,0	1,40	115,0	0,0107	605,2	5,576	music wire	4I
T.200.140.1150.I	20,0	1,40	115,0	0,0092	588,2	4,635	stainless steel	4I
T.200.140.1250.A	20,0	1,40	125,0	0,0095	675,1	5,558	music wire	4I
T.200.140.1250.I	20,0	1,40	125,0	0,0082	681,3	4,828	stainless steel	4I
T.200.140.1397.A	20,0	1,40	139,7	0,0082	782,3	5,576	music wire	4I
T.200.140.1397.I	20,0	1,40	139,7	0,0070	760,1	4,635	stainless steel	4I
T.200.140.1480.A	20,0	1,40	148,0	0,0076	841,7	5,576	music wire	4I
T.200.140.1480.I	20,0	1,40	148,0	0,0065	817,7	4,635	stainless steel	4I
T.200.140.1520.A	20,0	1,40	152,0	0,0073	870,8	5,576	music wire	4I
T.200.140.1520.I	20,0	1,40	152,0	0,0063	845,9	4,635	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.140.1524.A	20,0	1,40	152,4	0,0073	873,8	5,576	music wire	4I
T.200.140.1524.I	20,0	1,40	152,4	0,0063	848,9	4,635	stainless steel	4I
T.200.140.1600.A	20,0	1,40	160,0	0,0069	925,9	5,558	music wire	4I
T.200.140.1600.I	20,0	1,40	160,0	0,0059	934,5	4,828	stainless steel	4I
T.200.140.1900.A	20,0	1,40	190,0	0,0055	1143,5	5,576	music wire	4I
T.200.140.1900.I	20,0	1,40	190,0	0,0047	1110,5	4,635	stainless steel	4I
T.200.140.2000.A	20,0	1,40	200,0	0,0052	1212,6	5,558	music wire	4I
T.200.140.2000.I	20,0	1,40	200,0	0,0045	1224,0	4,828	stainless steel	4I
T.200.140.2030.A	20,0	1,40	203,0	0,0051	1237,1	5,576	music wire	4I
T.200.140.2030.I	20,0	1,40	203,0	0,0044	1201,3	4,635	stainless steel	4I
T.200.140.2150.A	20,0	1,40	215,0	0,0048	1323,6	5,576	music wire	4I
T.200.140.2150.I	20,0	1,40	215,0	0,0041	1285,2	4,635	stainless steel	4I
T.200.140.2900.A	20,0	1,40	290,0	0,0033	1862,8	5,576	music wire	4J
T.200.140.2900.I	20,0	1,40	290,0	0,0029	1808,3	4,635	stainless steel	4J
T.200.140.3600.A	20,0	1,40	360,0	0,0026	2359,2	5,558	music wire	4J
T.200.140.3600.I	20,0	1,40	360,0	0,0023	2381,8	4,828	stainless steel	4J
T.200.140.4060.A	20,0	1,40	406,0	0,0023	2695,9	5,576	music wire	4J
T.200.140.4060.I	20,0	1,40	406,0	0,0020	2616,6	4,635	stainless steel	4J
T.200.150.0489.A	20,0	1,50	48,9	0,0912	118,1	6,743	music wire	4I
T.200.150.0489.I	20,0	1,50	48,9	0,0783	119,1	5,869	stainless steel	4I
T.200.150.0700.A	20,0	1,50	70,0	0,0354	248,3	6,743	music wire	4I
T.200.150.0700.I	20,0	1,50	70,0	0,0304	250,7	5,869	stainless steel	4I
T.200.150.0790.A	20,0	1,50	79,0	0,0281	303,8	6,743	music wire	4I
T.200.150.0790.I	20,0	1,50	79,0	0,0241	306,8	5,869	stainless steel	4I
T.200.150.0900.A	20,0	1,50	90,0	0,0224	371,6	6,743	music wire	4I
T.200.150.0900.I	20,0	1,50	90,0	0,0193	375,4	5,869	stainless steel	4I
T.200.150.0990.A	20,0	1,50	99,0	0,0192	427,1	6,743	music wire	4I
T.200.150.0990.I	20,0	1,50	99,0	0,0165	431,5	5,869	stainless steel	4I
T.200.150.1090.A	20,0	1,50	109,0	0,0166	488,8	6,743	music wire	4I
T.200.150.1090.I	20,0	1,50	109,0	0,0143	493,9	5,869	stainless steel	4I
T.200.150.1210.A	20,0	1,50	121,0	0,0143	562,8	6,743	music wire	4I
T.200.150.1210.I	20,0	1,50	121,0	0,0123	568,7	5,869	stainless steel	4I
T.200.150.1330.A	20,0	1,50	133,0	0,0125	636,8	6,743	music wire	4I
T.200.150.1330.I	20,0	1,50	133,0	0,0108	643,5	5,869	stainless steel	4I
T.200.160.0540.A	20,0	1,60	54,0	0,0916	136,3	8,114	music wire	4I
T.200.160.0540.I	20,0	1,60	54,0	0,0787	133,6	6,762	stainless steel	4I
T.200.160.0550.A	20,0	1,60	55,0	0,0864	142,2	8,114	music wire	4I
T.200.160.0550.I	20,0	1,60	55,0	0,0742	139,3	6,762	stainless steel	4I
T.200.160.0572.A	20,0	1,60	57,2	0,0777	154,2	8,114	music wire	4I
T.200.160.0572.I	20,0	1,60	57,2	0,0667	151,1	6,762	stainless steel	4I
T.200.160.0630.A	20,0	1,60	63,0	0,0617	184,6	8,077	music wire	4I
T.200.160.0630.I	20,0	1,60	63,0	0,0530	186,5	7,043	stainless steel	4I
T.200.160.0635.A	20,0	1,60	63,5	0,0606	188,0	8,114	music wire	4I
T.200.160.0635.I	20,0	1,60	63,5	0,0520	183,9	6,762	stainless steel	4I
T.200.160.0650.A	20,0	1,60	65,0	0,0576	195,8	8,114	music wire	4I
T.200.160.0650.I	20,0	1,60	65,0	0,0495	191,5	6,762	stainless steel	4I
T.200.160.0680.A	20,0	1,60	68,0	0,0523	212,1	8,114	music wire	4I
T.200.160.0680.I	20,0	1,60	68,0	0,0449	207,4	6,762	stainless steel	4I
T.200.160.0698.A	20,0	1,60	69,8	0,0496	221,7	8,114	music wire	4I
T.200.160.0698.I	20,0	1,60	69,8	0,0426	216,7	6,762	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.160.0700.A	20,0	1,60	70,0	0,0494	222,6	8,114	music wire	41
T.200.160.0700.I	20,0	1,60	70,0	0,0424	217,6	6,762	stainless steel	41
T.200.160.0730.A	20,0	1,60	73,0	0,0454	238,9	8,114	music wire	41
T.200.160.0730.I	20,0	1,60	73,0	0,0390	233,5	6,762	stainless steel	41
T.200.160.0760.A	20,0	1,60	76,0	0,0420	255,3	8,114	music wire	41
T.200.160.0760.I	20,0	1,60	76,0	0,0361	249,4	6,762	stainless steel	41
T.200.160.0762.A	20,0	1,60	76,2	0,0419	256,2	8,114	music wire	41
T.200.160.0762.I	20,0	1,60	76,2	0,0360	250,3	6,762	stainless steel	41
T.200.160.0800.A	20,0	1,60	80,0	0,0383	276,0	8,077	music wire	41
T.200.160.0800.I	20,0	1,60	80,0	0,0329	279,0	7,043	stainless steel	41
T.200.160.0810.A	20,0	1,60	81,0	0,0375	282,1	8,114	music wire	41
T.200.160.0810.I	20,0	1,60	81,0	0,0322	275,5	6,762	stainless steel	41
T.200.160.0870.A	20,0	1,60	87,0	0,0331	314,8	8,114	music wire	41
T.200.160.0870.I	20,0	1,60	87,0	0,0284	307,3	6,762	stainless steel	41
T.200.160.0889.A	20,0	1,60	88,9	0,0319	325,2	8,114	music wire	41
T.200.160.0889.I	20,0	1,60	88,9	0,0274	317,4	6,762	stainless steel	41
T.200.160.0890.A	20,0	1,60	89,0	0,0319	325,3	8,114	music wire	41
T.200.160.0890.I	20,0	1,60	89,0	0,0274	317,5	6,762	stainless steel	41
T.200.160.0920.A	20,0	1,60	92,0	0,0302	341,6	8,114	music wire	41
T.200.160.0920.I	20,0	1,60	92,0	0,0259	333,4	6,762	stainless steel	41
T.200.160.0960.A	20,0	1,60	96,0	0,0282	363,2	8,114	music wire	41
T.200.160.0960.I	20,0	1,60	96,0	0,0242	354,4	6,762	stainless steel	41
T.200.160.1000.A	20,0	1,60	100,0	0,0265	383,5	8,077	music wire	41
T.200.160.1000.I	20,0	1,60	100,0	0,0227	387,8	7,043	stainless steel	41
T.200.160.1040.A	20,0	1,60	104,0	0,0249	406,4	8,114	music wire	41
T.200.160.1040.I	20,0	1,60	104,0	0,0214	396,4	6,762	stainless steel	41
T.200.160.1050.A	20,0	1,60	105,0	0,0246	411,6	8,114	music wire	41
T.200.160.1050.I	20,0	1,60	105,0	0,0211	401,5	6,762	stainless steel	41
T.200.160.1100.A	20,0	1,60	110,0	0,0229	439,1	8,114	music wire	41
T.200.160.1100.I	20,0	1,60	110,0	0,0197	428,3	6,762	stainless steel	41
T.200.160.1110.A	20,0	1,60	111,0	0,0226	444,3	8,114	music wire	41
T.200.160.1110.I	20,0	1,60	111,0	0,0194	433,4	6,762	stainless steel	41
T.200.160.1180.A	20,0	1,60	118,0	0,0207	482,2	8,114	music wire	41
T.200.160.1180.I	20,0	1,60	118,0	0,0178	470,3	6,762	stainless steel	41
T.200.160.1240.A	20,0	1,60	124,0	0,0193	514,3	8,114	music wire	41
T.200.160.1240.I	20,0	1,60	124,0	0,0166	501,4	6,762	stainless steel	41
T.200.160.1250.A	20,0	1,60	125,0	0,0191	517,9	8,077	music wire	41
T.200.160.1250.I	20,0	1,60	125,0	0,0164	523,9	7,043	stainless steel	41
T.200.160.1300.A	20,0	1,60	130,0	0,0181	546,3	8,114	music wire	41
T.200.160.1300.I	20,0	1,60	130,0	0,0155	532,6	6,762	stainless steel	41
T.200.160.1330.A	20,0	1,60	133,0	0,0175	562,6	8,114	music wire	41
T.200.160.1330.I	20,0	1,60	133,0	0,0151	548,5	6,762	stainless steel	41
T.200.160.1380.A	20,0	1,60	138,0	0,0167	589,4	8,114	music wire	41
T.200.160.1380.I	20,0	1,60	138,0	0,0143	574,6	6,762	stainless steel	41
T.200.160.1480.A	20,0	1,60	148,0	0,0152	643,7	8,114	music wire	41
T.200.160.1480.I	20,0	1,60	148,0	0,0131	627,5	6,762	stainless steel	41
T.200.160.1520.A	20,0	1,60	152,0	0,0147	665,3	8,114	music wire	41
T.200.160.1520.I	20,0	1,60	152,0	0,0126	648,5	6,762	stainless steel	41
T.200.160.1600.A	20,0	1,60	160,0	0,0137	706,0	8,077	music wire	41
T.200.160.1600.I	20,0	1,60	160,0	0,0118	714,3	7,043	stainless steel	41

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.160.1680.A	20,0	1,60	168,0	0,0129	751,6	8,114	music wire	4I
T.200.160.1680.I	20,0	1,60	168,0	0,0111	732,5	6,762	stainless steel	4I
T.200.160.1750.A	20,0	1,60	175,0	0,0123	789,6	8,114	music wire	4I
T.200.160.1750.I	20,0	1,60	175,0	0,0105	769,4	6,762	stainless steel	4I
T.200.160.1780.A	20,0	1,60	178,0	0,0120	805,2	8,114	music wire	4I
T.200.160.1780.I	20,0	1,60	178,0	0,0103	784,6	6,762	stainless steel	4I
T.200.160.2000.A	20,0	1,60	200,0	0,0104	921,0	8,077	music wire	4I
T.200.160.2000.I	20,0	1,60	200,0	0,0089	932,0	7,043	stainless steel	4J
T.200.160.2100.A	20,0	1,60	210,0	0,0098	977,9	8,114	music wire	4I
T.200.160.2100.I	20,0	1,60	210,0	0,0084	952,6	6,762	stainless steel	4J
T.200.160.2410.A	20,0	1,60	241,0	0,0083	1145,3	8,114	music wire	4J
T.200.160.2410.I	20,0	1,60	241,0	0,0072	1115,6	6,762	stainless steel	4J
T.200.160.2980.A	20,0	1,60	298,0	0,0065	1452,6	8,114	music wire	4J
T.200.160.2980.I	20,0	1,60	298,0	0,0056	1414,7	6,762	stainless steel	4J
T.200.160.3050.A	20,0	1,60	305,0	0,0064	1490,5	8,114	music wire	4J
T.200.160.3050.I	20,0	1,60	305,0	0,0055	1451,6	6,762	stainless steel	4J
T.200.160.3600.A	20,0	1,60	360,0	0,0053	1781,0	8,077	music wire	4J
T.200.160.3600.I	20,0	1,60	360,0	0,0045	1802,7	7,043	stainless steel	4J
T.200.170.0700.A	20,0	1,70	70,0	0,0674	201,6	9,615	music wire	4I
T.200.170.0700.I	20,0	1,70	70,0	0,0579	197,3	8,023	stainless steel	4I
T.200.170.0760.A	20,0	1,70	76,0	0,0574	230,5	9,615	music wire	4I
T.200.170.0760.I	20,0	1,70	76,0	0,0493	225,6	8,023	stainless steel	4I
T.200.170.0890.A	20,0	1,70	89,0	0,0437	292,1	9,615	music wire	4I
T.200.170.0890.I	20,0	1,70	89,0	0,0375	285,6	8,023	stainless steel	4I
T.200.170.1020.A	20,0	1,70	102,0	0,0351	354,2	9,615	music wire	4I
T.200.170.1020.I	20,0	1,70	102,0	0,0302	346,2	8,023	stainless steel	4I
T.200.170.1150.A	20,0	1,70	115,0	0,0295	415,8	9,615	music wire	4I
T.200.170.1150.I	20,0	1,70	115,0	0,0253	406,2	8,023	stainless steel	4I
T.200.175.0508.A	20,0	1,75	50,8	0,1709	106,9	10,428	music wire	4I
T.200.175.0508.I	20,0	1,75	50,8	0,1468	105,1	8,706	stainless steel	4I
T.200.175.0572.A	20,0	1,75	57,2	0,1228	135,2	10,428	music wire	4I
T.200.175.0572.I	20,0	1,75	57,2	0,1055	132,8	8,706	stainless steel	4I
T.200.180.0460.A	20,0	1,80	46,0	0,2801	82,7	11,217	music wire	4I
T.200.180.0460.I	20,0	1,80	46,0	0,2406	83,4	9,817	stainless steel	4J
T.200.180.0550.A	20,0	1,80	55,0	0,1570	120,8	11,282	music wire	4I
T.200.180.0550.I	20,0	1,80	55,0	0,1348	118,8	9,424	stainless steel	4J
T.200.180.0568.A	20,0	1,80	56,8	0,1438	128,2	11,217	music wire	4I
T.200.180.0568.I	20,0	1,80	56,8	0,1235	129,6	9,817	stainless steel	4J
T.200.180.0630.A	20,0	1,80	63,0	0,1124	154,4	11,217	music wire	4J
T.200.180.0630.I	20,0	1,80	63,0	0,0966	156,1	9,817	stainless steel	4J
T.200.180.0700.A	20,0	1,80	70,0	0,0900	184,8	11,282	music wire	4J
T.200.180.0700.I	20,0	1,80	70,0	0,0773	181,2	9,424	stainless steel	4J
T.200.180.0730.A	20,0	1,80	73,0	0,0832	196,5	11,217	music wire	4J
T.200.180.0730.I	20,0	1,80	73,0	0,0714	198,9	9,817	stainless steel	4J
T.200.180.0800.A	20,0	1,80	80,0	0,0703	226,1	11,217	music wire	4J
T.200.180.0800.I	20,0	1,80	80,0	0,0604	228,8	9,817	stainless steel	4J
T.200.180.0850.A	20,0	1,80	85,0	0,0634	248,1	11,282	music wire	4J
T.200.180.0850.I	20,0	1,80	85,0	0,0544	243,0	9,424	stainless steel	4J
T.200.180.0890.A	20,0	1,80	89,0	0,0587	264,9	11,282	music wire	4J
T.200.180.0890.I	20,0	1,80	89,0	0,0505	259,4	9,424	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.180.0920.A	20,0	1,80	92,0	0,0556	277,8	11,282	music wire	4J
T.200.180.0920.I	20,0	1,80	92,0	0,0478	272,0	9,424	stainless steel	4J
T.200.180.0950.A	20,0	1,80	95,0	0,0528	290,7	11,282	music wire	4J
T.200.180.0950.I	20,0	1,80	95,0	0,0453	284,6	9,424	stainless steel	4J
T.200.180.0970.A	20,0	1,80	97,0	0,0511	299,1	11,282	music wire	4J
T.200.180.0970.I	20,0	1,80	97,0	0,0439	292,8	9,424	stainless steel	4J
T.200.180.1000.A	20,0	1,80	100,0	0,0488	310,4	11,217	music wire	4J
T.200.180.1000.I	20,0	1,80	100,0	0,0419	314,4	9,817	stainless steel	4J
T.200.180.1080.A	20,0	1,80	108,0	0,0435	345,7	11,282	music wire	4J
T.200.180.1080.I	20,0	1,80	108,0	0,0373	338,3	9,424	stainless steel	4J
T.200.180.1090.A	20,0	1,80	109,0	0,0430	349,6	11,282	music wire	4J
T.200.180.1090.I	20,0	1,80	109,0	0,0369	342,1	9,424	stainless steel	4J
T.200.180.1150.A	20,0	1,80	115,0	0,0397	375,4	11,282	music wire	4J
T.200.180.1150.I	20,0	1,80	115,0	0,0341	367,3	9,424	stainless steel	4J
T.200.180.1180.A	20,0	1,80	118,0	0,0383	387,7	11,282	music wire	4J
T.200.180.1180.I	20,0	1,80	118,0	0,0329	379,3	9,424	stainless steel	4J
T.200.180.1230.A	20,0	1,80	123,0	0,0361	409,0	11,282	music wire	4J
T.200.180.1230.I	20,0	1,80	123,0	0,0310	400,1	9,424	stainless steel	4J
T.200.180.1250.A	20,0	1,80	125,0	0,0353	415,9	11,217	music wire	4J
T.200.180.1250.I	20,0	1,80	125,0	0,0303	421,4	9,817	stainless steel	4J
T.200.180.1300.A	20,0	1,80	130,0	0,0335	438,7	11,282	music wire	4J
T.200.180.1300.I	20,0	1,80	130,0	0,0287	429,1	9,424	stainless steel	4J
T.200.180.1340.A	20,0	1,80	134,0	0,0321	455,5	11,282	music wire	4J
T.200.180.1340.I	20,0	1,80	134,0	0,0276	445,5	9,424	stainless steel	4J
T.200.180.1360.A	20,0	1,80	136,0	0,0315	462,2	11,217	music wire	4J
T.200.180.1360.I	20,0	1,80	136,0	0,0270	468,4	9,817	stainless steel	4J
T.200.180.1450.A	20,0	1,80	145,0	0,0289	500,2	11,217	music wire	4J
T.200.180.1450.I	20,0	1,80	145,0	0,0248	507,0	9,817	stainless steel	4J
T.200.180.1520.A	20,0	1,80	152,0	0,0272	531,8	11,282	music wire	4J
T.200.180.1520.I	20,0	1,80	152,0	0,0234	520,0	9,424	stainless steel	4J
T.200.180.1600.A	20,0	1,80	160,0	0,0255	563,5	11,217	music wire	4J
T.200.180.1600.I	20,0	1,80	160,0	0,0219	571,1	9,817	stainless steel	4J
T.200.180.1600.N	20,0	1,80	160,0	0,0255	563,5	11,217	Zn coating	4L
T.200.180.1700.A	20,0	1,80	170,0	0,0236	605,6	11,217	music wire	4J
T.200.180.1700.I	20,0	1,80	170,0	0,0203	613,9	9,817	stainless steel	4J
T.200.180.1780.A	20,0	1,80	178,0	0,0223	642,3	11,282	music wire	4J
T.200.180.1780.I	20,0	1,80	178,0	0,0191	627,8	9,424	stainless steel	4J
T.200.180.2000.A	20,0	1,80	200,0	0,0193	732,2	11,217	music wire	4J
T.200.180.2000.I	20,0	1,80	200,0	0,0166	742,3	9,817	stainless steel	4J
T.200.180.2030.A	20,0	1,80	203,0	0,0190	748,2	11,282	music wire	4J
T.200.180.2030.I	20,0	1,80	203,0	0,0163	731,2	9,424	stainless steel	4J
T.200.180.2150.A	20,0	1,80	215,0	0,0177	798,7	11,282	music wire	4J
T.200.180.2150.I	20,0	1,80	215,0	0,0152	780,5	9,424	stainless steel	4J
T.200.180.2900.A	20,0	1,80	290,0	0,0125	1116,6	11,282	music wire	4K
T.200.180.2900.I	20,0	1,80	290,0	0,0107	1090,8	9,424	stainless steel	4L
T.200.180.2980.A	20,0	1,80	298,0	0,0121	1150,2	11,282	music wire	4K
T.200.180.2980.I	20,0	1,80	298,0	0,0104	1123,7	9,424	stainless steel	4L
T.200.180.3600.A	20,0	1,80	360,0	0,0098	1407,0	11,217	music wire	4L
T.200.180.3600.I	20,0	1,80	360,0	0,0084	1426,8	9,817	stainless steel	4L
T.200.190.0572.A	20,0	1,90	57,2	0,1850	121,7	13,120	music wire	4I



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.190.0572.I	20,0	1,90	57,2	0,1589	119,8	10,972	stainless steel	4J
T.200.190.0635.A	20,0	1,90	63,5	0,1454	145,6	13,120	music wire	4J
T.200.190.0635.I	20,0	1,90	63,5	0,1249	143,2	10,972	stainless steel	4J
T.200.190.0698.A	20,0	1,90	69,8	0,1197	169,5	13,120	music wire	4J
T.200.190.0698.I	20,0	1,90	69,8	0,1028	166,5	10,972	stainless steel	4J
T.200.190.0700.A	20,0	1,90	70,0	0,1191	170,3	13,120	music wire	4J
T.200.190.0700.I	20,0	1,90	70,0	0,1023	167,2	10,972	stainless steel	4J
T.200.190.0760.A	20,0	1,90	76,0	0,1022	192,8	13,120	music wire	4J
T.200.190.0760.I	20,0	1,90	76,0	0,0878	189,3	10,972	stainless steel	4J
T.200.190.0762.A	20,0	1,90	76,2	0,1013	194,1	13,120	music wire	4J
T.200.190.0762.I	20,0	1,90	76,2	0,0870	190,5	10,972	stainless steel	4J
T.200.190.0889.A	20,0	1,90	88,9	0,0780	242,0	13,120	music wire	4J
T.200.190.0889.I	20,0	1,90	88,9	0,0670	237,3	10,972	stainless steel	4J
T.200.190.0890.A	20,0	1,90	89,0	0,0777	242,6	13,120	music wire	4J
T.200.190.0890.I	20,0	1,90	89,0	0,0668	238,0	10,972	stainless steel	4J
T.200.190.1016.A	20,0	1,90	101,6	0,0632	290,4	13,120	music wire	4J
T.200.190.1016.I	20,0	1,90	101,6	0,0543	284,7	10,972	stainless steel	4J
T.200.190.1020.A	20,0	1,90	102,0	0,0629	291,9	13,120	music wire	4J
T.200.190.1020.I	20,0	1,90	102,0	0,0540	286,1	10,972	stainless steel	4J
T.200.190.1143.A	20,0	1,90	114,3	0,0532	338,9	13,120	music wire	4J
T.200.190.1143.I	20,0	1,90	114,3	0,0457	332,0	10,972	stainless steel	4J
T.200.190.1150.A	20,0	1,90	115,0	0,0527	341,7	13,120	music wire	4J
T.200.190.1150.I	20,0	1,90	115,0	0,0452	334,8	10,972	stainless steel	4J
T.200.200.0630.A	20,0	2,00	63,0	0,1928	133,6	15,030	music wire	4L
T.200.200.0630.I	20,0	2,00	63,0	0,1656	135,2	13,199	stainless steel	4L
T.200.200.0800.A	20,0	2,00	80,0	0,1215	191,9	15,030	music wire	4L
T.200.200.0800.I	20,0	2,00	80,0	0,1044	194,4	13,199	stainless steel	4L
T.200.200.1000.A	20,0	2,00	100,0	0,0847	260,6	15,030	music wire	4L
T.200.200.1000.I	20,0	2,00	100,0	0,0727	264,2	13,199	stainless steel	4L
T.200.200.1250.A	20,0	2,00	125,0	0,0614	346,4	15,030	music wire	4L
T.200.200.1250.I	20,0	2,00	125,0	0,0528	351,4	13,199	stainless steel	4L
T.200.200.1600.A	20,0	2,00	160,0	0,0444	466,6	15,030	music wire	4L
T.200.200.1600.I	20,0	2,00	160,0	0,0381	473,5	13,199	stainless steel	4L
T.200.200.2000.A	20,0	2,00	200,0	0,0337	603,9	15,030	music wire	4L
T.200.200.2000.I	20,0	2,00	200,0	0,0289	613,0	13,199	stainless steel	4M
T.200.200.2150.A	20,0	2,00	215,0	0,0309	658,5	15,135	music wire	4M
T.200.200.2150.I	20,0	2,00	215,0	0,0265	645,4	12,671	stainless steel	4M
T.200.200.3600.A	20,0	2,00	360,0	0,0171	1153,3	15,030	music wire	4M
T.200.200.3600.I	20,0	2,00	360,0	0,0147	1171,1	13,199	stainless steel	4M
T.200.220.0480.A	20,0	2,20	48,0	0,6411	75,5	19,723	music wire	4L
T.200.220.0480.I	20,0	2,20	48,0	0,5507	74,8	16,546	stainless steel	4L
T.200.220.0508.A	20,0	2,20	50,8	0,5356	83,8	19,723	music wire	4L
T.200.220.0508.I	20,0	2,20	50,8	0,4601	82,8	16,546	stainless steel	4L
T.200.220.0572.A	20,0	2,20	57,2	0,3918	102,3	19,723	music wire	4L
T.200.220.0572.I	20,0	2,20	57,2	0,3365	101,0	16,546	stainless steel	4L
T.200.220.0630.A	20,0	2,20	63,0	0,3145	118,7	19,565	music wire	4L
T.200.220.0630.I	20,0	2,20	63,0	0,2701	120,1	17,236	stainless steel	4L
T.200.220.0635.A	20,0	2,20	63,5	0,3089	120,7	19,723	music wire	4L
T.200.220.0635.I	20,0	2,20	63,5	0,2653	119,1	16,546	stainless steel	4L
T.200.220.0698.A	20,0	2,20	69,8	0,2565	138,7	19,723	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.220.0698.I	20,0	2,20	69,8	0,2203	136,7	16,546	stainless steel	4L
T.200.220.0700.A	20,0	2,20	70,0	0,2549	139,3	19,723	music wire	4L
T.200.220.0700.I	20,0	2,20	70,0	0,2189	137,3	16,546	stainless steel	4L
T.200.220.0760.A	20,0	2,20	76,0	0,2181	157,0	19,723	music wire	4L
T.200.220.0760.I	20,0	2,20	76,0	0,1873	154,7	16,546	stainless steel	4L
T.200.220.0762.A	20,0	2,20	76,2	0,2170	157,6	19,723	music wire	4L
T.200.220.0762.I	20,0	2,20	76,2	0,1864	155,3	16,546	stainless steel	4L
T.200.220.0800.A	20,0	2,20	80,0	0,2000	167,7	19,565	music wire	4L
T.200.220.0800.I	20,0	2,20	80,0	0,1716	170,0	17,236	stainless steel	4L
T.200.220.0889.A	20,0	2,20	88,9	0,1679	194,1	19,723	music wire	4L
T.200.220.0889.I	20,0	2,20	88,9	0,1442	191,1	16,546	stainless steel	4L
T.200.220.0890.A	20,0	2,20	89,0	0,1673	194,6	19,723	music wire	4L
T.200.220.0890.I	20,0	2,20	89,0	0,1437	191,6	16,546	stainless steel	4L
T.200.220.0909.A	20,0	2,20	90,9	0,1619	199,1	19,565	music wire	4L
T.200.220.0909.I	20,0	2,20	90,9	0,1391	201,9	17,236	stainless steel	4L
T.200.220.1000.A	20,0	2,20	100,0	0,1398	225,3	19,565	music wire	4L
T.200.220.1000.I	20,0	2,20	100,0	0,1201	228,6	17,236	stainless steel	4L
T.200.220.1016.A	20,0	2,20	101,6	0,1365	231,0	19,723	music wire	4L
T.200.220.1016.I	20,0	2,20	101,6	0,1172	227,4	16,546	stainless steel	4L
T.200.220.1020.A	20,0	2,20	102,0	0,1356	232,2	19,723	music wire	4L
T.200.220.1020.I	20,0	2,20	102,0	0,1165	228,6	16,546	stainless steel	4L
T.200.220.1120.A	20,0	2,20	112,0	0,1184	259,9	19,565	music wire	4L
T.200.220.1120.I	20,0	2,20	112,0	0,1017	263,7	17,236	stainless steel	4L
T.200.220.1150.A	20,0	2,20	115,0	0,1141	269,8	19,723	music wire	4L
T.200.220.1150.I	20,0	2,20	115,0	0,0980	265,5	16,546	stainless steel	4L
T.200.220.1180.A	20,0	2,20	118,0	0,1099	278,7	19,723	music wire	4L
T.200.220.1180.I	20,0	2,20	118,0	0,0944	274,2	16,546	stainless steel	4L
T.200.220.1250.A	20,0	2,20	125,0	0,1016	297,4	19,565	music wire	4L
T.200.220.1250.I	20,0	2,20	125,0	0,0873	301,8	17,236	stainless steel	4L
T.200.220.1340.A	20,0	2,20	134,0	0,0925	323,3	19,565	music wire	4L
T.200.220.1340.I	20,0	2,20	134,0	0,0795	328,2	17,236	stainless steel	4L
T.200.220.1560.A	20,0	2,20	156,0	0,0759	386,7	19,565	music wire	4L
T.200.220.1560.I	20,0	2,20	156,0	0,0652	392,7	17,236	stainless steel	4L
T.200.220.1600.A	20,0	2,20	160,0	0,0735	398,3	19,565	music wire	4L
T.200.220.1600.I	20,0	2,20	160,0	0,0632	404,4	17,236	stainless steel	4M
T.200.220.1650.A	20,0	2,20	165,0	0,0708	414,6	19,723	music wire	4L
T.200.220.1650.I	20,0	2,20	165,0	0,0608	407,6	16,546	stainless steel	4M
T.200.220.1651.A	20,0	2,20	165,1	0,0706	415,1	19,723	music wire	4L
T.200.220.1651.I	20,0	2,20	165,1	0,0607	408,1	16,546	stainless steel	4M
T.200.220.1778.A	20,0	2,20	177,8	0,0645	451,6	19,723	music wire	4L
T.200.220.1778.I	20,0	2,20	177,8	0,0554	443,9	16,546	stainless steel	4M
T.200.220.1780.A	20,0	2,20	178,0	0,0644	452,2	19,723	music wire	4L
T.200.220.1780.I	20,0	2,20	178,0	0,0553	444,5	16,546	stainless steel	4M
T.200.220.2000.A	20,0	2,20	200,0	0,0559	513,5	19,565	music wire	4M
T.200.220.2000.I	20,0	2,20	200,0	0,0480	521,6	17,236	stainless steel	4M
T.200.220.3600.A	20,0	2,20	360,0	0,0285	974,7	19,565	music wire	4M
T.200.220.3600.I	20,0	2,20	360,0	0,0245	990,4	17,236	stainless steel	4M
T.200.225.0480.A	20,0	2,25	48,0	0,7074	74,5	20,991	music wire	4L
T.200.225.0480.I	20,0	2,25	48,0	0,6076	73,8	17,618	stainless steel	4L
T.200.225.1030.A	20,0	2,25	103,0	0,1506	227,5	20,991	music wire	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.225.1030.I	20,0	2,25	103,0	0,1294	224,1	17,618	stainless steel	4L
T.200.230.0730.A	20,0	2,30	73,0	0,2972	139,9	22,307	music wire	4L
T.200.230.0730.I	20,0	2,30	73,0	0,2552	138,1	18,732	stainless steel	4L
T.200.230.0760.A	20,0	2,30	76,0	0,2749	148,3	22,307	music wire	4L
T.200.230.0760.I	20,0	2,30	76,0	0,2361	146,3	18,732	stainless steel	4L
T.200.230.1850.A	20,0	2,30	185,0	0,0779	440,2	22,307	music wire	4M
T.200.230.1850.I	20,0	2,30	185,0	0,0669	433,2	18,732	stainless steel	4M
T.200.230.1900.A	20,0	2,30	190,0	0,0754	453,7	22,307	music wire	4M
T.200.230.1900.I	20,0	2,30	190,0	0,0647	446,5	18,732	stainless steel	4M
T.200.240.0480.A	20,0	2,40	48,0	0,9841	70,6	25,092	music wire	4L
T.200.240.0480.I	20,0	2,40	48,0	0,8452	70,0	21,091	stainless steel	4L
T.200.240.0508.A	20,0	2,40	50,8	0,8266	77,7	25,092	music wire	4L
T.200.240.0508.I	20,0	2,40	50,8	0,7100	77,0	21,091	stainless steel	4L
T.200.240.0572.A	20,0	2,40	57,2	0,6078	93,8	25,092	music wire	4L
T.200.240.0572.I	20,0	2,40	57,2	0,5221	92,8	21,091	stainless steel	4L
T.200.240.0635.A	20,0	2,40	63,5	0,4844	109,4	25,092	music wire	4L
T.200.240.0635.I	20,0	2,40	63,5	0,4160	108,2	21,091	stainless steel	4L
T.200.240.0698.A	20,0	2,40	69,8	0,4026	125,1	25,092	music wire	4L
T.200.240.0698.I	20,0	2,40	69,8	0,3458	123,6	21,091	stainless steel	4L
T.200.240.0700.A	20,0	2,40	70,0	0,4000	125,6	25,092	music wire	4L
T.200.240.0700.I	20,0	2,40	70,0	0,3435	124,2	21,091	stainless steel	4L
T.200.240.0760.A	20,0	2,40	76,0	0,3444	140,6	25,092	music wire	4L
T.200.240.0760.I	20,0	2,40	76,0	0,2958	138,9	21,091	stainless steel	4L
T.200.240.0830.A	20,0	2,40	83,0	0,2966	158,0	25,092	music wire	4L
T.200.240.0830.I	20,0	2,40	83,0	0,2548	156,0	21,091	stainless steel	4L
T.200.240.0889.A	20,0	2,40	88,9	0,2649	172,9	25,092	music wire	4L
T.200.240.0889.I	20,0	2,40	88,9	0,2276	170,7	21,091	stainless steel	4L
T.200.240.0890.A	20,0	2,40	89,0	0,2649	173,0	25,092	music wire	4L
T.200.240.0890.I	20,0	2,40	89,0	0,2276	170,8	21,091	stainless steel	4L
T.200.240.1016.A	20,0	2,40	101,6	0,2160	204,6	25,092	music wire	4L
T.200.240.1016.I	20,0	2,40	101,6	0,1855	201,9	21,091	stainless steel	4L
T.200.240.1020.A	20,0	2,40	102,0	0,2153	205,4	25,092	music wire	4L
T.200.240.1020.I	20,0	2,40	102,0	0,1849	202,6	21,091	stainless steel	4L
T.200.240.1143.A	20,0	2,40	114,3	0,1823	236,4	25,092	music wire	4L
T.200.240.1143.I	20,0	2,40	114,3	0,1566	233,1	21,091	stainless steel	4L
T.200.240.1150.A	20,0	2,40	115,0	0,1813	237,8	25,092	music wire	4L
T.200.240.1150.I	20,0	2,40	115,0	0,1557	234,5	21,091	stainless steel	4L
T.200.240.1397.A	20,0	2,40	139,7	0,1393	299,4	25,092	music wire	4L
T.200.240.1397.I	20,0	2,40	139,7	0,1197	295,2	21,091	stainless steel	4L
T.200.240.1650.A	20,0	2,40	165,0	0,1125	362,8	25,092	music wire	4L
T.200.240.1650.I	20,0	2,40	165,0	0,0966	357,5	21,091	stainless steel	4M
T.200.240.1651.A	20,0	2,40	165,1	0,1125	362,9	25,092	music wire	4L
T.200.240.1651.I	20,0	2,40	165,1	0,0966	357,6	21,091	stainless steel	4M
T.200.240.1778.A	20,0	2,40	177,8	0,1026	394,6	25,092	music wire	4L
T.200.240.1778.I	20,0	2,40	177,8	0,0882	388,9	21,091	stainless steel	4M
T.200.240.1780.A	20,0	2,40	178,0	0,1025	395,2	25,092	music wire	4L
T.200.240.1780.I	20,0	2,40	178,0	0,0880	389,4	21,091	stainless steel	4M
T.200.240.1905.A	20,0	2,40	190,5	0,0944	426,3	25,092	music wire	4M
T.200.240.1905.I	20,0	2,40	190,5	0,0810	420,1	21,091	stainless steel	4M
T.200.240.2030.A	20,0	2,40	203,0	0,0874	457,5	25,092	music wire	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.240.2030.I	20,0	2,40	203,0	0,0751	450,8	21,091	stainless steel	4M
T.200.240.2032.A	20,0	2,40	203,2	0,0873	458,1	25,092	music wire	4M
T.200.240.2032.I	20,0	2,40	203,2	0,0750	451,3	21,091	stainless steel	4M
T.200.240.2286.A	20,0	2,40	228,6	0,0760	521,5	25,092	music wire	4M
T.200.240.2286.I	20,0	2,40	228,6	0,0653	513,7	21,091	stainless steel	4M
T.200.240.2290.A	20,0	2,40	229,0	0,0758	522,6	25,092	music wire	4M
T.200.240.2290.I	20,0	2,40	229,0	0,0651	514,8	21,091	stainless steel	4M
T.200.250.0485.A	20,0	2,50	48,5	1,1602	69,9	28,082	music wire	4L
T.200.250.0485.I	20,0	2,50	48,5	0,9965	69,3	23,626	stainless steel	4L
T.200.250.0508.A	20,0	2,50	50,8	1,0172	75,2	28,082	music wire	4L
T.200.250.0508.I	20,0	2,50	50,8	0,8736	74,5	23,626	stainless steel	4L
T.200.250.0630.A	20,0	2,50	63,0	0,6100	103,4	27,814	music wire	4L
T.200.250.0630.I	20,0	2,50	63,0	0,5228	104,6	24,610	stainless steel	4L
T.200.250.0635.A	20,0	2,50	63,5	0,6000	104,5	27,814	music wire	4L
T.200.250.0635.I	20,0	2,50	63,5	0,5143	105,8	24,610	stainless steel	4L
T.200.250.0710.A	20,0	2,50	71,0	0,4822	122,4	28,082	music wire	4L
T.200.250.0710.I	20,0	2,50	71,0	0,4141	121,1	23,626	stainless steel	4L
T.200.250.0762.A	20,0	2,50	76,2	0,4243	134,6	28,082	music wire	4L
T.200.250.0762.I	20,0	2,50	76,2	0,3644	133,1	23,626	stainless steel	4L
T.200.250.0800.A	20,0	2,50	80,0	0,3908	142,8	27,814	music wire	4L
T.200.250.0800.I	20,0	2,50	80,0	0,3357	144,7	24,610	stainless steel	4L
T.200.250.0860.A	20,0	2,50	86,0	0,3470	156,8	27,814	music wire	4L
T.200.250.0860.I	20,0	2,50	86,0	0,2980	158,9	24,610	stainless steel	4L
T.200.250.0910.A	20,0	2,50	91,0	0,3173	168,4	27,814	music wire	4L
T.200.250.0910.I	20,0	2,50	91,0	0,2725	170,7	24,610	stainless steel	4L
T.200.250.1000.A	20,0	2,50	100,0	0,2750	189,3	27,814	music wire	4L
T.200.250.1000.I	20,0	2,50	100,0	0,2362	192,0	24,610	stainless steel	4L
T.200.250.1020.A	20,0	2,50	102,0	0,2671	194,8	28,082	music wire	4L
T.200.250.1020.I	20,0	2,50	102,0	0,2294	192,4	23,626	stainless steel	4L
T.200.250.1120.A	20,0	2,50	112,0	0,2335	218,2	28,082	music wire	4L
T.200.250.1120.I	20,0	2,50	112,0	0,2006	215,4	23,626	stainless steel	4L
T.200.250.1235.A	20,0	2,50	123,5	0,2040	243,9	27,814	music wire	4L
T.200.250.1235.I	20,0	2,50	123,5	0,1752	247,5	24,610	stainless steel	4L
T.200.250.1250.A	20,0	2,50	125,0	0,2007	247,4	27,814	music wire	4L
T.200.250.1250.I	20,0	2,50	125,0	0,1724	251,1	24,610	stainless steel	4L
T.200.250.1380.A	20,0	2,50	138,0	0,1760	278,9	28,082	music wire	4L
T.200.250.1380.I	20,0	2,50	138,0	0,1511	275,3	23,626	stainless steel	4M
T.200.250.1397.A	20,0	2,50	139,7	0,1731	283,0	28,082	music wire	4L
T.200.250.1397.I	20,0	2,50	139,7	0,1487	279,3	23,626	stainless steel	4M
T.200.250.1490.A	20,0	2,50	149,0	0,1593	304,6	28,082	music wire	4L
T.200.250.1490.I	20,0	2,50	149,0	0,1369	300,6	23,626	stainless steel	4M
T.200.250.1524.A	20,0	2,50	152,4	0,1547	312,7	28,082	music wire	4L
T.200.250.1524.I	20,0	2,50	152,4	0,1329	308,5	23,626	stainless steel	4M
T.200.250.1560.A	20,0	2,50	156,0	0,1503	321,0	28,082	music wire	4M
T.200.250.1560.I	20,0	2,50	156,0	0,1291	316,7	23,626	stainless steel	4M
T.200.250.1600.A	20,0	2,50	160,0	0,1456	328,7	27,814	music wire	4M
T.200.250.1600.I	20,0	2,50	160,0	0,1251	333,8	24,610	stainless steel	4M
T.200.250.1635.A	20,0	2,50	163,5	0,1417	336,8	27,814	music wire	4M
T.200.250.1635.I	20,0	2,50	163,5	0,1217	342,0	24,610	stainless steel	4M
T.200.250.1651.A	20,0	2,50	165,1	0,1401	342,1	28,082	music wire	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.250.1651.I	20,0	2,50	165,1	0,1203	337,5	23,626	stainless steel	4M
T.200.250.1730.A	20,0	2,50	173,0	0,1321	360,7	28,082	music wire	4M
T.200.250.1730.I	20,0	2,50	173,0	0,1135	355,8	23,626	stainless steel	4M
T.200.250.1778.A	20,0	2,50	177,8	0,1278	371,8	28,082	music wire	4M
T.200.250.1778.I	20,0	2,50	177,8	0,1098	366,8	23,626	stainless steel	4M
T.200.250.1910.A	20,0	2,50	191,0	0,1171	400,7	27,814	music wire	4M
T.200.250.1910.I	20,0	2,50	191,0	0,1006	407,0	24,610	stainless steel	4M
T.200.250.1930.A	20,0	2,50	193,0	0,1157	407,4	28,082	music wire	4M
T.200.250.1930.I	20,0	2,50	193,0	0,0993	401,8	23,626	stainless steel	4M
T.200.250.2000.A	20,0	2,50	200,0	0,1108	421,6	27,814	music wire	4M
T.200.250.2000.I	20,0	2,50	200,0	0,0952	428,3	24,610	stainless steel	4M
T.200.250.2000.N	20,0	2,50	200,0	0,1108	421,6	27,814	Zn coating	4N
T.200.250.2032.A	20,0	2,50	203,2	0,1087	431,3	28,082	music wire	4M
T.200.250.2032.I	20,0	2,50	203,2	0,0934	425,4	23,626	stainless steel	4M
T.200.250.2035.A	20,0	2,50	203,5	0,1086	429,7	27,814	music wire	4M
T.200.250.2035.I	20,0	2,50	203,5	0,0932	436,6	24,610	stainless steel	4M
T.200.250.2110.A	20,0	2,50	211,0	0,1040	447,2	27,814	music wire	4M
T.200.250.2110.I	20,0	2,50	211,0	0,0893	454,3	24,610	stainless steel	4M
T.200.250.2286.A	20,0	2,50	228,6	0,0947	490,4	28,082	music wire	4M
T.200.250.2286.I	20,0	2,50	228,6	0,0813	483,6	23,626	stainless steel	4M
T.200.250.3600.A	20,0	2,50	360,0	0,0567	793,3	27,814	music wire	4N
T.200.250.3600.I	20,0	2,50	360,0	0,0487	806,4	24,610	stainless steel	4N
T.200.270.0480.A	20,0	2,70	48,0	1,7427	65,4	34,697	music wire	4L
T.200.270.0480.I	20,0	2,70	48,0	1,4968	65,0	29,243	stainless steel	4L
T.200.270.0700.A	20,0	2,70	70,0	0,7416	111,0	34,697	music wire	4L
T.200.270.0700.I	20,0	2,70	70,0	0,6370	110,0	29,243	stainless steel	4L
T.200.270.0760.A	20,0	2,70	76,0	0,6415	123,4	34,697	music wire	4L
T.200.270.0760.I	20,0	2,70	76,0	0,5510	122,2	29,243	stainless steel	4L
T.200.270.0890.A	20,0	2,70	89,0	0,4956	150,3	34,697	music wire	4L
T.200.270.0890.I	20,0	2,70	89,0	0,4256	148,8	29,243	stainless steel	4L
T.200.270.1020.A	20,0	2,70	102,0	0,4022	177,5	34,697	music wire	4L
T.200.270.1020.I	20,0	2,70	102,0	0,3454	175,7	29,243	stainless steel	4L
T.200.270.1150.A	20,0	2,70	115,0	0,3395	204,5	34,697	music wire	4L
T.200.270.1150.I	20,0	2,70	115,0	0,2916	202,3	29,243	stainless steel	4L
T.200.270.2290.A	20,0	2,70	229,0	0,1432	441,1	34,697	music wire	4M
T.200.270.2290.I	20,0	2,70	229,0	0,1230	435,9	29,243	stainless steel	4M
T.200.270.4060.A	20,0	2,70	406,0	0,0754	808,7	34,697	music wire	4N
T.200.270.4060.I	20,0	2,70	406,0	0,0648	798,8	29,243	stainless steel	4N
T.200.280.0538.A	20,0	2,80	53,8	1,5521	75,1	37,912	music wire	4L
T.200.280.0538.I	20,0	2,80	53,8	1,3331	75,8	33,681	stainless steel	4L
T.200.280.0706.A	20,0	2,80	70,6	0,8835	108,0	37,912	music wire	4L
T.200.280.0706.I	20,0	2,80	70,6	0,7588	109,3	33,681	stainless steel	4L
T.200.280.0958.A	20,0	2,80	95,8	0,5367	157,4	37,912	music wire	4L
T.200.280.0958.I	20,0	2,80	95,8	0,4610	159,5	33,681	stainless steel	4L
T.200.280.1120.A	20,0	2,80	112,0	0,4286	189,1	37,912	music wire	4L
T.200.280.1120.I	20,0	2,80	112,0	0,3681	191,8	33,681	stainless steel	4M
T.200.280.1380.A	20,0	2,80	138,0	0,3238	240,1	37,912	music wire	4M
T.200.280.1380.I	20,0	2,80	138,0	0,2781	243,6	33,681	stainless steel	4M
T.200.280.1460.A	20,0	2,80	146,0	0,3012	255,8	37,912	music wire	4M
T.200.280.1460.I	20,0	2,80	146,0	0,2587	259,5	33,681	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.280.1710.A	20,0	2,80	171,0	0,2472	304,7	37,912	music wire	4M
T.200.280.1710.I	20,0	2,80	171,0	0,2123	309,3	33,681	stainless steel	4M
T.200.280.1940.A	20,0	2,80	194,0	0,2122	349,8	37,912	music wire	4M
T.200.280.1940.I	20,0	2,80	194,0	0,1822	355,2	33,681	stainless steel	4M
T.200.280.2020.A	20,0	2,80	202,0	0,2022	365,5	37,912	music wire	4M
T.200.280.2020.I	20,0	2,80	202,0	0,1737	371,1	33,681	stainless steel	4M
T.200.280.2100.A	20,0	2,80	210,0	0,1932	383,0	38,331	music wire	4M
T.200.280.2100.I	20,0	2,80	210,0	0,1659	378,9	32,334	stainless steel	4M
T.200.280.3050.A	20,0	2,80	305,0	0,1261	570,1	38,331	music wire	4M
T.200.280.3050.I	20,0	2,80	305,0	0,1083	563,8	32,334	stainless steel	4N
T.200.290.0830.A	20,0	2,90	83,0	0,8096	128,3	42,187	music wire	4L
T.200.290.0830.I	20,0	2,90	83,0	0,6953	127,2	35,617	stainless steel	4L
T.200.290.1170.A	20,0	2,90	117,0	0,4868	192,3	42,187	music wire	4L
T.200.290.1170.I	20,0	2,90	117,0	0,4181	190,5	35,617	stainless steel	4M
T.200.290.1850.A	20,0	2,90	185,0	0,2719	319,8	42,187	music wire	4M
T.200.290.1850.I	20,0	2,90	185,0	0,2335	316,6	35,617	stainless steel	4M
T.200.300.0480.A	20,0	3,00	48,0	2,9467	61,6	46,270	music wire	4L
T.200.300.0480.I	20,0	3,00	48,0	2,5309	61,3	39,095	stainless steel	4L
T.200.300.0508.A	20,0	3,00	50,8	2,5448	66,5	46,270	music wire	4L
T.200.300.0508.I	20,0	3,00	50,8	2,1858	66,2	39,095	stainless steel	4L
T.200.300.0889.A	20,0	3,00	88,9	0,8703	134,9	46,270	music wire	4L
T.200.300.0889.I	20,0	3,00	88,9	0,7475	133,9	39,095	stainless steel	4L
T.200.300.1016.A	20,0	3,00	101,6	0,7147	157,6	46,270	music wire	4L
T.200.300.1016.I	20,0	3,00	101,6	0,6139	156,3	39,095	stainless steel	4M
T.200.300.1143.A	20,0	3,00	114,3	0,6042	180,6	46,270	music wire	4L
T.200.300.1143.I	20,0	3,00	114,3	0,5189	179,1	39,095	stainless steel	4M
T.200.300.1397.A	20,0	3,00	139,7	0,4640	226,0	46,270	music wire	4M
T.200.300.1397.I	20,0	3,00	139,7	0,3985	224,0	39,095	stainless steel	4M
T.200.300.1524.A	20,0	3,00	152,4	0,4147	248,9	46,270	music wire	4M
T.200.300.1524.I	20,0	3,00	152,4	0,3562	246,7	39,095	stainless steel	4M
T.200.300.1580.A	20,0	3,00	158,0	0,3971	258,8	46,270	music wire	4M
T.200.300.1580.I	20,0	3,00	158,0	0,3410	256,5	39,095	stainless steel	4M
T.200.300.1651.A	20,0	3,00	165,1	0,3757	271,6	46,270	music wire	4M
T.200.300.1651.I	20,0	3,00	165,1	0,3227	269,2	39,095	stainless steel	4M
T.200.300.1680.A	20,0	3,00	168,0	0,3675	276,9	46,270	music wire	4M
T.200.300.1680.I	20,0	3,00	168,0	0,3157	274,5	39,095	stainless steel	4M
T.200.300.1778.A	20,0	3,00	177,8	0,3435	294,3	46,270	music wire	4M
T.200.300.1778.I	20,0	3,00	177,8	0,2950	291,7	39,095	stainless steel	4M
T.200.300.1790.A	20,0	3,00	179,0	0,3407	296,5	46,270	music wire	4M
T.200.300.1790.I	20,0	3,00	179,0	0,2926	293,8	39,095	stainless steel	4M
T.200.300.1850.A	20,0	3,00	185,0	0,3274	307,3	46,270	music wire	4M
T.200.300.1850.I	20,0	3,00	185,0	0,2812	304,5	39,095	stainless steel	4M
T.200.300.1905.A	20,0	3,00	190,5	0,3157	317,3	46,270	music wire	4M
T.200.300.1905.I	20,0	3,00	190,5	0,2712	314,4	39,095	stainless steel	4M
T.200.300.1970.A	20,0	3,00	197,0	0,3037	328,8	46,270	music wire	4M
T.200.300.1970.I	20,0	3,00	197,0	0,2609	325,8	39,095	stainless steel	4M
T.200.300.2032.A	20,0	3,00	203,2	0,2926	340,0	46,270	music wire	4M
T.200.300.2032.I	20,0	3,00	203,2	0,2513	336,9	39,095	stainless steel	4M
T.200.300.2150.A	20,0	3,00	215,0	0,2740	361,1	46,270	music wire	4M
T.200.300.2150.I	20,0	3,00	215,0	0,2353	357,8	39,095	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.200.300.2286.A	20,0	3,00	228,6	0,2549	385,7	46,270	music wire	4M
T.200.300.2286.I	20,0	3,00	228,6	0,2189	382,1	39,095	stainless steel	4M
T.200.300.2290.A	20,0	3,00	229,0	0,2545	386,3	46,270	music wire	4M
T.200.300.2290.I	20,0	3,00	229,0	0,2186	382,7	39,095	stainless steel	4M
T.200.300.2420.A	20,0	3,00	242,0	0,2389	409,6	46,270	music wire	4M
T.200.300.2420.I	20,0	3,00	242,0	0,2052	405,8	39,095	stainless steel	4M
T.200.300.2540.A	20,0	3,00	254,0	0,2261	431,1	46,270	music wire	4M
T.200.300.2540.I	20,0	3,00	254,0	0,1942	427,1	39,095	stainless steel	4M
T.200.300.2980.A	20,0	3,00	298,0	0,1887	510,1	46,270	music wire	4M
T.200.300.2980.I	20,0	3,00	298,0	0,1621	505,3	39,095	stainless steel	4M
T.200.320.0630.A	20,0	3,20	63,0	2,2087	84,4	55,126	music wire	4L
T.200.320.0630.I	20,0	3,20	63,0	1,8971	84,0	46,653	stainless steel	4M
T.200.320.0826.A	20,0	3,20	82,6	1,3821	116,8	55,126	music wire	4M
T.200.320.0826.I	20,0	3,20	82,6	1,1871	116,1	46,653	stainless steel	4M
T.200.320.0908.A	20,0	3,20	90,8	1,1920	130,5	55,126	music wire	4M
T.200.320.0908.I	20,0	3,20	90,8	1,0238	129,7	46,653	stainless steel	4M
T.200.320.1180.A	20,0	3,20	118,0	0,8222	175,6	55,126	music wire	4M
T.200.320.1180.I	20,0	3,20	118,0	0,7062	174,3	46,653	stainless steel	4M
T.200.320.1790.A	20,0	3,20	179,0	0,4855	276,5	55,126	music wire	4M
T.200.320.1790.I	20,0	3,20	179,0	0,4170	274,4	46,653	stainless steel	4M
T.200.320.1900.A	20,0	3,20	190,0	0,4515	294,8	55,126	music wire	4M
T.200.320.1900.I	20,0	3,20	190,0	0,3878	292,6	46,653	stainless steel	4M
T.200.320.1990.A	20,0	3,20	199,0	0,4275	309,7	55,126	music wire	4M
T.200.320.1990.I	20,0	3,20	199,0	0,3672	307,4	46,653	stainless steel	4M
T.200.320.2100.A	20,0	3,20	210,0	0,4016	327,9	55,126	music wire	4M
T.200.320.2100.I	20,0	3,20	210,0	0,3449	325,3	46,653	stainless steel	4M
T.200.320.2220.A	20,0	3,20	222,0	0,3761	347,9	55,126	music wire	4M
T.200.320.2220.I	20,0	3,20	222,0	0,3230	345,2	46,653	stainless steel	4M
T.200.320.2360.A	20,0	3,20	236,0	0,3509	370,9	55,126	music wire	4M
T.200.320.2360.I	20,0	3,20	236,0	0,3014	368,0	46,653	stainless steel	4M
T.200.320.2980.A	20,0	3,20	298,0	0,2695	473,6	55,126	music wire	4N
T.200.320.2980.I	20,0	3,20	298,0	0,2315	469,9	46,653	stainless steel	4N
T.200.400.0632.A	20,0	4,00	63,2	7,2354	74,6	98,503	music wire	5C
T.200.400.0632.I	20,0	4,00	63,2	6,2145	75,1	88,732	stainless steel	5C
T.200.400.0872.A	20,0	4,00	87,2	4,3022	106,3	98,503	music wire	5C
T.200.400.0872.I	20,0	4,00	87,2	3,6951	107,2	88,732	stainless steel	5C
T.200.400.1230.A	20,0	4,00	123,0	2,6809	153,6	98,503	music wire	5C
T.200.400.1230.I	20,0	4,00	123,0	2,3026	155,1	88,732	stainless steel	5C
T.206.160.2150.A	20,6	1,60	215,0	0,0087	1054,1	7,849	music wire	4J
T.206.160.2150.I	20,6	1,60	215,0	0,0075	1066,9	6,845	stainless steel	4J
T.206.180.2150.A	20,6	1,80	215,0	0,0162	834,8	10,903	music wire	4J
T.206.180.2150.I	20,6	1,80	215,0	0,0139	846,6	9,542	stainless steel	4J
T.206.200.2150.A	20,6	2,00	215,0	0,0282	685,9	14,613	music wire	4M
T.206.200.2150.I	20,6	2,00	215,0	0,0242	696,5	12,832	stainless steel	4M
T.206.230.0600.A	20,6	2,30	60,0	0,4153	106,7	21,696	music wire	4L
T.206.230.0600.I	20,6	2,30	60,0	0,3567	105,4	18,219	stainless steel	4L
T.206.230.1020.A	20,6	2,30	102,0	0,1580	223,7	21,510	music wire	4L
T.206.230.1020.I	20,6	2,30	102,0	0,1357	227,0	18,978	stainless steel	4L
T.206.230.1150.A	20,6	2,30	115,0	0,1326	260,0	21,510	music wire	4L
T.206.230.1150.I	20,6	2,30	115,0	0,1139	264,0	18,978	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.206.230.3240.A	20,6	2,30	324,0	0,0369	844,7	21,510	music wire	4M
T.206.230.3240.I	20,6	2,30	324,0	0,0317	858,9	18,978	stainless steel	4M
T.206.300.0850.A	20,6	3,00	85,0	0,8600	129,9	44,517	music wire	4L
T.206.300.0850.I	20,6	3,00	85,0	0,7387	131,6	39,650	stainless steel	4L
T.206.300.1020.A	20,6	3,00	102,0	0,6506	161,4	44,517	music wire	4L
T.206.300.1020.I	20,6	3,00	102,0	0,5588	163,6	39,650	stainless steel	4M
T.206.300.1720.A	20,6	3,00	172,0	0,3248	291,0	44,517	music wire	4M
T.206.300.1720.I	20,6	3,00	172,0	0,2790	295,4	39,650	stainless steel	4M
T.206.300.3000.A	20,6	3,00	300,0	0,1695	530,7	45,049	music wire	4M
T.206.300.3000.I	20,6	3,00	300,0	0,1456	525,5	38,064	stainless steel	4N
T.206.340.1240.A	20,6	3,40	124,0	0,9781	178,6	62,407	music wire	4M
T.206.340.1240.I	20,6	3,40	124,0	0,8401	180,9	55,851	stainless steel	4M
T.207.160.2150.A	20,7	1,60	215,0	0,0086	1063,0	7,813	music wire	4J
T.207.160.2150.I	20,7	1,60	215,0	0,0074	1076,0	6,813	stainless steel	4J
T.207.230.0750.A	20,7	2,30	75,0	0,2599	148,7	21,413	music wire	4L
T.207.230.0750.I	20,7	2,30	75,0	0,2232	150,7	18,892	stainless steel	4L
T.207.235.0800.A	20,7	2,35	80,0	0,2592	158,9	22,922	music wire	4L
T.207.235.0800.I	20,7	2,35	80,0	0,2226	156,8	19,258	stainless steel	4L
T.207.235.1520.A	20,7	2,35	152,0	0,1004	353,9	22,720	music wire	4L
T.207.235.1520.I	20,7	2,35	152,0	0,0863	359,5	20,060	stainless steel	4L
T.207.235.2130.A	20,7	2,35	213,0	0,0661	519,5	22,720	music wire	4M
T.207.235.2130.I	20,7	2,35	213,0	0,0568	528,1	20,060	stainless steel	4M
T.207.270.1020.A	20,7	2,70	102,0	0,3648	182,1	33,262	music wire	4L
T.207.270.1020.I	20,7	2,70	102,0	0,3134	184,8	29,511	stainless steel	4L
T.207.320.0800.A	20,7	3,20	80,0	1,3233	114,4	52,784	music wire	4M
T.207.320.0800.I	20,7	3,20	80,0	1,1366	115,7	47,128	stainless steel	4M
T.207.320.0830.A	20,7	3,20	83,0	1,2458	119,5	52,784	music wire	4M
T.207.320.0830.I	20,7	3,20	83,0	1,0700	121,0	47,128	stainless steel	4M
T.207.320.0950.A	20,7	3,20	95,0	1,0092	140,1	52,784	music wire	4M
T.207.320.0950.I	20,7	3,20	95,0	0,8668	141,9	47,128	stainless steel	4M
T.207.320.2000.A	20,7	3,20	200,0	0,3789	321,6	53,460	music wire	4M
T.207.320.2000.I	20,7	3,20	200,0	0,3255	319,0	45,242	stainless steel	4M
T.210.140.0700.A	21,0	1,40	70,0	0,0226	293,7	5,318	music wire	4I
T.210.140.0700.I	21,0	1,40	70,0	0,0194	286,0	4,420	stainless steel	4I
T.210.140.0760.A	21,0	1,40	76,0	0,0190	341,5	5,318	music wire	4I
T.210.140.0760.I	21,0	1,40	76,0	0,0164	332,4	4,420	stainless steel	4I
T.210.140.0762.A	21,0	1,40	76,2	0,0190	342,7	5,318	music wire	4I
T.210.140.0762.I	21,0	1,40	76,2	0,0163	333,6	4,420	stainless steel	4I
T.210.140.0889.A	21,0	1,40	88,9	0,0142	443,9	5,318	music wire	4I
T.210.140.0889.I	21,0	1,40	88,9	0,0122	431,7	4,420	stainless steel	4I
T.210.140.0890.A	21,0	1,40	89,0	0,0142	445,0	5,318	music wire	4I
T.210.140.0890.I	21,0	1,40	89,0	0,0122	432,8	4,420	stainless steel	4I
T.210.140.0950.A	21,0	1,40	95,0	0,0127	492,8	5,318	music wire	4I
T.210.140.0950.I	21,0	1,40	95,0	0,0109	479,2	4,420	stainless steel	4I
T.210.140.1016.A	21,0	1,40	101,6	0,0114	545,1	5,318	music wire	4I
T.210.140.1016.I	21,0	1,40	101,6	0,0098	529,9	4,420	stainless steel	4I
T.210.140.1020.A	21,0	1,40	102,0	0,0113	548,5	5,318	music wire	4I
T.210.140.1020.I	21,0	1,40	102,0	0,0097	533,1	4,420	stainless steel	4I
T.210.140.1650.A	21,0	1,40	165,0	0,0057	1049,2	5,318	music wire	4I
T.210.140.1650.I	21,0	1,40	165,0	0,0049	1018,8	4,420	stainless steel	4I



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.210.140.2150.A	21,0	1,40	215,0	0,0041	1446,4	5,318	music wire	4I
T.210.140.2150.I	21,0	1,40	215,0	0,0035	1404,1	4,420	stainless steel	4I
T.210.140.4200.A	21,0	1,40	420,0	0,0019	3075,5	5,318	music wire	4J
T.210.140.4200.I	21,0	1,40	420,0	0,0016	2984,2	4,420	stainless steel	4J
T.210.150.0508.A	21,0	1,50	50,8	0,0782	128,6	6,457	music wire	4I
T.210.150.0508.I	21,0	1,50	50,8	0,0671	126,0	5,374	stainless steel	4I
T.210.150.0572.A	21,0	1,50	57,2	0,0531	171,8	6,457	music wire	4I
T.210.150.0572.I	21,0	1,50	57,2	0,0456	167,9	5,374	stainless steel	4I
T.210.150.0635.A	21,0	1,50	63,5	0,0402	214,8	6,457	music wire	4I
T.210.150.0635.I	21,0	1,50	63,5	0,0345	209,7	5,374	stainless steel	4I
T.210.150.0698.A	21,0	1,50	69,8	0,0324	257,8	6,457	music wire	4I
T.210.150.0698.I	21,0	1,50	69,8	0,0278	251,5	5,374	stainless steel	4I
T.210.150.0710.A	21,0	1,50	71,0	0,0312	266,0	6,457	music wire	4I
T.210.150.0710.I	21,0	1,50	71,0	0,0268	259,5	5,374	stainless steel	4I
T.210.150.0760.A	21,0	1,50	76,0	0,0271	300,8	6,457	music wire	4I
T.210.150.0760.I	21,0	1,50	76,0	0,0232	293,2	5,374	stainless steel	4I
T.210.150.0762.A	21,0	1,50	76,2	0,0270	301,8	6,457	music wire	4I
T.210.150.0762.I	21,0	1,50	76,2	0,0232	294,3	5,374	stainless steel	4I
T.210.150.0850.A	21,0	1,50	85,0	0,0219	362,2	6,457	music wire	4I
T.210.150.0850.I	21,0	1,50	85,0	0,0188	353,0	5,374	stainless steel	4I
T.210.150.0889.A	21,0	1,50	88,9	0,0203	388,9	6,457	music wire	4I
T.210.150.0889.I	21,0	1,50	88,9	0,0174	378,8	5,374	stainless steel	4I
T.210.150.0890.A	21,0	1,50	89,0	0,0203	389,0	6,457	music wire	4I
T.210.150.0890.I	21,0	1,50	89,0	0,0174	378,9	5,374	stainless steel	4I
T.210.150.1016.A	21,0	1,50	101,6	0,0163	475,0	6,457	music wire	4I
T.210.150.1016.I	21,0	1,50	101,6	0,0140	462,5	5,374	stainless steel	4I
T.210.150.1020.A	21,0	1,50	102,0	0,0162	478,1	6,457	music wire	4I
T.210.150.1020.I	21,0	1,50	102,0	0,0139	465,5	5,374	stainless steel	4I
T.210.150.1143.A	21,0	1,50	114,3	0,0136	562,1	6,457	music wire	4I
T.210.150.1143.I	21,0	1,50	114,3	0,0117	547,1	5,374	stainless steel	4I
T.210.150.1150.A	21,0	1,50	115,0	0,0135	567,2	6,457	music wire	4I
T.210.150.1150.I	21,0	1,50	115,0	0,0116	552,0	5,374	stainless steel	4I
T.210.150.1397.A	21,0	1,50	139,7	0,0102	735,3	6,457	music wire	4I
T.210.150.1397.I	21,0	1,50	139,7	0,0088	715,4	5,374	stainless steel	4I
T.210.150.1520.A	21,0	1,50	152,0	0,0091	819,3	6,457	music wire	4I
T.210.150.1520.I	21,0	1,50	152,0	0,0078	797,0	5,374	stainless steel	4I
T.210.150.1524.A	21,0	1,50	152,4	0,0091	822,3	6,457	music wire	4I
T.210.150.1524.I	21,0	1,50	152,4	0,0078	799,9	5,374	stainless steel	4I
T.210.160.0830.A	21,0	1,60	83,0	0,0320	309,2	7,740	music wire	4I
T.210.160.0830.I	21,0	1,60	83,0	0,0275	301,8	6,450	stainless steel	4I
T.210.190.0508.A	21,0	1,90	50,8	0,2507	96,5	12,521	music wire	4I
T.210.190.0508.I	21,0	1,90	50,8	0,2153	95,1	10,471	stainless steel	4J
T.210.190.0920.A	21,0	1,90	92,0	0,0650	268,2	12,521	music wire	4J
T.210.190.0920.I	21,0	1,90	92,0	0,0559	262,9	10,471	stainless steel	4J
T.210.190.1900.A	21,0	1,90	190,0	0,0236	676,6	12,521	music wire	4J
T.210.190.1900.I	21,0	1,90	190,0	0,0202	662,0	10,471	stainless steel	4J
T.210.190.1970.A	21,0	1,90	197,0	0,0225	705,9	12,521	music wire	4J
T.210.190.1970.I	21,0	1,90	197,0	0,0193	690,6	10,471	stainless steel	4J
T.210.200.0588.A	21,0	2,00	58,8	0,2085	121,9	14,447	music wire	4L
T.210.200.0588.I	21,0	2,00	58,8	0,1790	120,0	12,095	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.210.200.0680.A	21,0	2,00	68,0	0,1485	156,5	14,447	music wire	4L
T.210.200.0680.I	21,0	2,00	68,0	0,1276	153,9	12,095	stainless steel	4L
T.210.200.0760.A	21,0	2,00	76,0	0,1188	186,6	14,447	music wire	4L
T.210.200.0760.I	21,0	2,00	76,0	0,1021	183,4	12,095	stainless steel	4L
T.210.200.0870.A	21,0	2,00	87,0	0,0932	228,1	14,447	music wire	4L
T.210.200.0870.I	21,0	2,00	87,0	0,0800	223,9	12,095	stainless steel	4L
T.210.200.0890.A	21,0	2,00	89,0	0,0897	235,6	14,447	music wire	4L
T.210.200.0890.I	21,0	2,00	89,0	0,0770	231,3	12,095	stainless steel	4L
T.210.200.1080.A	21,0	2,00	108,0	0,0660	307,2	14,447	music wire	4L
T.210.200.1080.I	21,0	2,00	108,0	0,0567	301,3	12,095	stainless steel	4L
T.210.200.1120.A	21,0	2,00	112,0	0,0625	322,2	14,447	music wire	4L
T.210.200.1120.I	21,0	2,00	112,0	0,0537	316,1	12,095	stainless steel	4L
T.210.200.1210.A	21,0	2,00	121,0	0,0559	356,1	14,447	music wire	4L
T.210.200.1210.I	21,0	2,00	121,0	0,0480	349,2	12,095	stainless steel	4L
T.210.200.1330.A	21,0	2,00	133,0	0,0490	401,3	14,447	music wire	4L
T.210.200.1330.I	21,0	2,00	133,0	0,0421	393,5	12,095	stainless steel	4L
T.210.200.1360.A	21,0	2,00	136,0	0,0475	412,6	14,447	music wire	4L
T.210.200.1360.I	21,0	2,00	136,0	0,0408	404,5	12,095	stainless steel	4L
T.210.200.1580.A	21,0	2,00	158,0	0,0390	495,5	14,447	music wire	4L
T.210.200.1580.I	21,0	2,00	158,0	0,0335	485,6	12,095	stainless steel	4L
T.210.200.1650.A	21,0	2,00	165,0	0,0368	521,8	14,447	music wire	4L
T.210.200.1650.I	21,0	2,00	165,0	0,0316	511,4	12,095	stainless steel	4L
T.210.200.1970.A	21,0	2,00	197,0	0,0295	642,3	14,447	music wire	4M
T.210.200.1970.I	21,0	2,00	197,0	0,0254	629,3	12,095	stainless steel	4M
T.210.200.2150.A	21,0	2,00	215,0	0,0266	710,1	14,447	music wire	4M
T.210.200.2150.I	21,0	2,00	215,0	0,0228	695,6	12,095	stainless steel	4M
T.210.210.0970.A	21,0	2,10	97,0	0,1005	246,0	16,550	music wire	4L
T.210.210.0970.I	21,0	2,10	97,0	0,0863	241,8	13,870	stainless steel	4L
T.210.210.1480.A	21,0	2,10	148,0	0,0549	421,0	16,550	music wire	4L
T.210.210.1480.I	21,0	2,10	148,0	0,0471	413,3	13,870	stainless steel	4L
T.210.210.1500.A	21,0	2,10	150,0	0,0539	427,6	16,550	music wire	4L
T.210.210.1500.I	21,0	2,10	150,0	0,0463	419,7	13,870	stainless steel	4L
T.210.210.2100.A	21,0	2,10	210,0	0,0354	633,6	16,550	music wire	4M
T.210.210.2100.I	21,0	2,10	210,0	0,0304	621,5	13,870	stainless steel	4M
T.210.230.2150.A	21,0	2,30	215,0	0,0558	557,4	21,306	music wire	4M
T.210.230.2150.I	21,0	2,30	215,0	0,0479	548,1	17,891	stainless steel	4M
T.210.240.1524.A	21,0	2,40	152,4	0,1072	351,8	23,971	music wire	4L
T.210.240.1524.I	21,0	2,40	152,4	0,0921	346,6	20,148	stainless steel	4M
T.214.190.0600.A	21,4	1,90	60,0	0,1480	136,2	12,297	music wire	4J
T.214.190.0600.I	21,4	1,90	60,0	0,1271	133,9	10,283	stainless steel	4J
T.214.190.0890.A	21,4	1,90	89,0	0,0655	260,0	12,218	music wire	4J
T.214.190.0890.I	21,4	1,90	89,0	0,0563	263,5	10,712	stainless steel	4J
T.214.190.1020.A	21,4	1,90	102,0	0,0524	315,8	12,218	music wire	4J
T.214.190.1020.I	21,4	1,90	102,0	0,0450	320,3	10,712	stainless steel	4J
T.214.190.1200.A	21,4	1,90	120,0	0,0410	393,1	12,218	music wire	4J
T.214.190.1200.I	21,4	1,90	120,0	0,0352	398,8	10,712	stainless steel	4J
T.214.190.1270.A	21,4	1,90	127,0	0,0378	423,2	12,218	music wire	4J
T.214.190.1270.I	21,4	1,90	127,0	0,0325	429,3	10,712	stainless steel	4J
T.214.190.2000.A	21,4	1,90	200,0	0,0209	739,9	12,297	music wire	4J
T.214.190.2000.I	21,4	1,90	200,0	0,0179	723,7	10,283	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.214.230.1080.A	21,4	2,30	108,0	0,1305	250,7	20,751	music wire	4L
T.214.230.1080.I	21,4	2,30	108,0	0,1121	254,6	18,308	stainless steel	4L
T.214.250.0650.A	21,4	2,50	65,0	0,4962	111,8	26,112	music wire	4L
T.214.250.0650.I	21,4	2,50	65,0	0,4262	113,2	23,104	stainless steel	4L
T.214.300.0700.A	21,4	3,00	70,0	1,0978	104,2	43,000	music wire	4L
T.214.300.0700.I	21,4	3,00	70,0	0,9429	105,4	38,299	stainless steel	4L
T.215.190.0570.A	21,5	1,90	57,0	0,1701	122,7	12,164	music wire	4J
T.215.190.0570.I	21,5	1,90	57,0	0,1461	124,0	10,664	stainless steel	4J
T.215.190.0600.A	21,5	1,90	60,0	0,1482	135,8	12,242	music wire	4J
T.215.190.0600.I	21,5	1,90	60,0	0,1273	133,6	10,237	stainless steel	4J
T.215.190.0640.A	21,5	1,90	64,0	0,1255	153,0	12,164	music wire	4J
T.215.190.0640.I	21,5	1,90	64,0	0,1078	154,8	10,664	stainless steel	4J
T.215.190.0700.A	21,5	1,90	70,0	0,1025	179,0	12,164	music wire	4J
T.215.190.0700.I	21,5	1,90	70,0	0,0880	181,2	10,664	stainless steel	4J
T.215.190.0760.A	21,5	1,90	76,0	0,0866	205,0	12,164	music wire	4J
T.215.190.0760.I	21,5	1,90	76,0	0,0744	207,6	10,664	stainless steel	4J
T.215.190.0890.A	21,5	1,90	89,0	0,0648	261,3	12,164	music wire	4J
T.215.190.0890.I	21,5	1,90	89,0	0,0557	264,9	10,664	stainless steel	4J
T.215.190.1020.A	21,5	1,90	102,0	0,0518	317,6	12,164	music wire	4J
T.215.190.1020.I	21,5	1,90	102,0	0,0445	322,1	10,664	stainless steel	4J
T.215.190.1150.A	21,5	1,90	115,0	0,0431	373,9	12,164	music wire	4J
T.215.190.1150.I	21,5	1,90	115,0	0,0370	379,3	10,664	stainless steel	4J
T.215.190.1200.A	21,5	1,90	120,0	0,0405	395,6	12,164	music wire	4J
T.215.190.1200.I	21,5	1,90	120,0	0,0348	401,3	10,664	stainless steel	4J
T.215.190.1270.A	21,5	1,90	127,0	0,0373	425,9	12,164	music wire	4J
T.215.190.1270.I	21,5	1,90	127,0	0,0321	432,1	10,664	stainless steel	4J
T.215.190.1400.A	21,5	1,90	140,0	0,0326	484,8	12,242	music wire	4J
T.215.190.1400.I	21,5	1,90	140,0	0,0280	474,4	10,237	stainless steel	4J
T.215.190.2000.A	21,5	1,90	200,0	0,0206	745,5	12,242	music wire	4J
T.215.190.2000.I	21,5	1,90	200,0	0,0177	729,1	10,237	stainless steel	4J
T.215.200.0970.A	21,5	2,00	97,0	0,0733	271,7	14,028	music wire	4L
T.215.200.0970.I	21,5	2,00	97,0	0,0629	275,6	12,319	stainless steel	4L
T.215.220.0570.A	21,5	2,20	57,0	0,3545	103,5	18,270	music wire	4L
T.215.220.0570.I	21,5	2,20	57,0	0,3045	104,7	16,095	stainless steel	4L
T.215.220.0700.A	21,5	2,20	70,0	0,2174	145,9	18,270	music wire	4L
T.215.220.0700.I	21,5	2,20	70,0	0,1867	147,8	16,095	stainless steel	4L
T.215.220.0760.A	21,5	2,20	76,0	0,1844	165,4	18,270	music wire	4L
T.215.220.0760.I	21,5	2,20	76,0	0,1584	167,7	16,095	stainless steel	4L
T.215.220.0950.A	21,5	2,20	95,0	0,1246	227,3	18,270	music wire	4L
T.215.220.0950.I	21,5	2,20	95,0	0,1070	230,7	16,095	stainless steel	4L
T.215.220.1020.A	21,5	2,20	102,0	0,1113	250,1	18,270	music wire	4L
T.215.220.1020.I	21,5	2,20	102,0	0,0956	253,9	16,095	stainless steel	4L
T.215.220.1080.A	21,5	2,20	108,0	0,1020	269,7	18,270	music wire	4L
T.215.220.1080.I	21,5	2,20	108,0	0,0876	273,8	16,095	stainless steel	4L
T.215.220.1150.A	21,5	2,20	115,0	0,0929	292,5	18,270	music wire	4L
T.215.220.1150.I	21,5	2,20	115,0	0,0800	297,1	16,095	stainless steel	4L
T.215.220.1600.A	21,5	2,20	160,0	0,0591	441,5	18,418	music wire	4L
T.215.220.1600.I	21,5	2,20	160,0	0,0507	433,7	15,451	stainless steel	4M
T.215.220.2200.A	21,5	2,20	220,0	0,0398	638,2	18,418	music wire	4M
T.215.220.2200.I	21,5	2,20	220,0	0,0341	626,6	15,451	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.215.270.0600.A	21,5	2,70	60,0	0,8761	92,7	32,454	music wire	4L
T.215.270.0600.I	21,5	2,70	60,0	0,7525	91,9	27,353	stainless steel	4L
T.215.270.0970.A	21,5	2,70	97,0	0,3543	177,0	32,114	music wire	4L
T.215.270.0970.I	21,5	2,70	97,0	0,3043	179,6	28,493	stainless steel	4L
T.215.270.1980.A	21,5	2,70	198,0	0,1349	408,1	32,114	music wire	4M
T.215.270.1980.I	21,5	2,70	198,0	0,1159	415,1	28,493	stainless steel	4M
T.215.380.0680.A	21,5	3,80	68,0	3,9991	85,2	80,930	music wire	5C
T.215.380.0680.I	21,5	3,80	68,0	3,4348	86,0	72,749	stainless steel	5C
T.216.140.0500.A	21,6	1,40	50,0	0,0604	131,4	5,157	music wire	4H
T.216.140.0500.I	21,6	1,40	50,0	0,0519	132,4	4,480	stainless steel	4I
T.216.140.0508.A	21,6	1,40	50,8	0,0563	138,2	5,157	music wire	4H
T.216.140.0508.I	21,6	1,40	50,8	0,0484	139,2	4,480	stainless steel	4I
T.216.140.0570.A	21,6	1,40	57,0	0,0369	190,3	5,157	music wire	4H
T.216.140.0570.I	21,6	1,40	57,0	0,0317	191,8	4,480	stainless steel	4I
T.216.140.0572.A	21,6	1,40	57,2	0,0365	192,0	5,157	music wire	4H
T.216.140.0572.I	21,6	1,40	57,2	0,0314	193,5	4,480	stainless steel	4I
T.216.140.0635.A	21,6	1,40	63,5	0,0271	244,9	5,157	music wire	4H
T.216.140.0635.I	21,6	1,40	63,5	0,0233	247,0	4,480	stainless steel	4I
T.216.140.0640.A	21,6	1,40	64,0	0,0266	249,1	5,157	music wire	4H
T.216.140.0640.I	21,6	1,40	64,0	0,0228	251,2	4,480	stainless steel	4I
T.216.140.0698.A	21,6	1,40	69,8	0,0216	297,9	5,157	music wire	4I
T.216.140.0698.I	21,6	1,40	69,8	0,0185	300,4	4,480	stainless steel	4I
T.216.140.0700.A	21,6	1,40	70,0	0,0214	299,5	5,157	music wire	4I
T.216.140.0700.I	21,6	1,40	70,0	0,0184	302,1	4,480	stainless steel	4I
T.216.160.0502.A	21,6	1,60	50,2	0,1132	112,3	7,497	music wire	4I
T.216.160.0502.I	21,6	1,60	50,2	0,0972	113,3	6,538	stainless steel	4I
T.216.160.0570.A	21,6	1,60	57,0	0,0718	154,9	7,497	music wire	4I
T.216.160.0570.I	21,6	1,60	57,0	0,0617	156,4	6,538	stainless steel	4I
T.216.160.0572.A	21,6	1,60	57,2	0,0710	156,2	7,497	music wire	4I
T.216.160.0572.I	21,6	1,60	57,2	0,0610	157,7	6,538	stainless steel	4I
T.216.160.0635.A	21,6	1,60	63,5	0,0532	195,7	7,497	music wire	4I
T.216.160.0635.I	21,6	1,60	63,5	0,0457	197,7	6,538	stainless steel	4I
T.216.160.0640.A	21,6	1,60	64,0	0,0522	198,8	7,497	music wire	4I
T.216.160.0640.I	21,6	1,60	64,0	0,0448	200,8	6,538	stainless steel	4I
T.216.160.0698.A	21,6	1,60	69,8	0,0425	235,1	7,497	music wire	4I
T.216.160.0698.I	21,6	1,60	69,8	0,0365	237,7	6,538	stainless steel	4I
T.216.160.0700.A	21,6	1,60	70,0	0,0423	236,4	7,497	music wire	4I
T.216.160.0700.I	21,6	1,60	70,0	0,0363	238,9	6,538	stainless steel	4I
T.216.160.0710.A	21,6	1,60	71,0	0,0410	242,6	7,497	music wire	4I
T.216.160.0710.I	21,6	1,60	71,0	0,0352	245,3	6,538	stainless steel	4I
T.216.160.0760.A	21,6	1,60	76,0	0,0355	274,0	7,497	music wire	4I
T.216.160.0760.I	21,6	1,60	76,0	0,0305	277,0	6,538	stainless steel	4I
T.216.160.0762.A	21,6	1,60	76,2	0,0353	275,2	7,497	music wire	4I
T.216.160.0762.I	21,6	1,60	76,2	0,0303	278,3	6,538	stainless steel	4I
T.216.160.0850.A	21,6	1,60	85,0	0,0287	330,4	7,497	music wire	4I
T.216.160.0850.I	21,6	1,60	85,0	0,0246	334,1	6,538	stainless steel	4I
T.216.160.0889.A	21,6	1,60	88,9	0,0264	354,8	7,497	music wire	4I
T.216.160.0889.I	21,6	1,60	88,9	0,0227	358,9	6,538	stainless steel	4I
T.216.160.0890.A	21,6	1,60	89,0	0,0264	355,4	7,497	music wire	4I
T.216.160.0890.I	21,6	1,60	89,0	0,0227	359,5	6,538	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.216.160.0950.A	21,6	1,60	95,0	0,0236	393,0	7,497	music wire	4I
T.216.160.0950.I	21,6	1,60	95,0	0,0203	397,6	6,538	stainless steel	4I
T.216.160.1170.A	21,6	1,60	117,0	0,0170	530,8	7,497	music wire	4I
T.216.160.1170.I	21,6	1,60	117,0	0,0146	537,2	6,538	stainless steel	4I
T.216.160.1720.A	21,6	1,60	172,0	0,0100	875,4	7,497	music wire	4I
T.216.160.1720.I	21,6	1,60	172,0	0,0086	886,2	6,538	stainless steel	4I
T.216.190.0572.A	21,6	1,90	57,2	0,1675	123,6	12,110	music wire	4J
T.216.190.0572.I	21,6	1,90	57,2	0,1439	125,0	10,617	stainless steel	4J
T.216.190.0635.A	21,6	1,90	63,5	0,1269	151,1	12,110	music wire	4J
T.216.190.0635.I	21,6	1,90	63,5	0,1090	153,0	10,617	stainless steel	4J
T.216.190.0698.A	21,6	1,90	69,8	0,1021	178,7	12,110	music wire	4J
T.216.190.0698.I	21,6	1,90	69,8	0,0877	180,9	10,617	stainless steel	4J
T.216.190.0762.A	21,6	1,90	76,2	0,0853	206,6	12,110	music wire	4J
T.216.190.0762.I	21,6	1,90	76,2	0,0732	209,3	10,617	stainless steel	4J
T.216.190.0889.A	21,6	1,90	88,9	0,0642	262,1	12,110	music wire	4J
T.216.190.0889.I	21,6	1,90	88,9	0,0551	265,7	10,617	stainless steel	4J
T.216.190.1016.A	21,6	1,90	101,6	0,0515	317,7	12,110	music wire	4J
T.216.190.1016.I	21,6	1,90	101,6	0,0442	322,1	10,617	stainless steel	4J
T.216.190.1143.A	21,6	1,90	114,3	0,0430	373,2	12,110	music wire	4J
T.216.190.1143.I	21,6	1,90	114,3	0,0369	378,5	10,617	stainless steel	4J
T.216.190.1200.A	21,6	1,90	120,0	0,0400	398,1	12,110	music wire	4J
T.216.190.1200.I	21,6	1,90	120,0	0,0344	403,8	10,617	stainless steel	4J
T.216.190.1270.A	21,6	1,90	127,0	0,0369	428,7	12,110	music wire	4J
T.216.190.1270.I	21,6	1,90	127,0	0,0317	434,9	10,617	stainless steel	4J
T.216.220.0500.A	21,6	2,20	50,0	0,5366	80,6	18,190	music wire	4L
T.216.220.0500.I	21,6	2,20	50,0	0,4609	81,4	16,024	stainless steel	4L
T.216.220.0508.A	21,6	2,20	50,8	0,5064	83,2	18,190	music wire	4L
T.216.220.0508.I	21,6	2,20	50,8	0,4349	84,1	16,024	stainless steel	4L
T.216.220.0570.A	21,6	2,20	57,0	0,3525	103,6	18,190	music wire	4L
T.216.220.0570.I	21,6	2,20	57,0	0,3028	104,8	16,024	stainless steel	4L
T.216.220.0572.A	21,6	2,20	57,2	0,3491	104,3	18,190	music wire	4L
T.216.220.0572.I	21,6	2,20	57,2	0,3000	105,5	16,024	stainless steel	4L
T.216.220.0635.A	21,6	2,20	63,5	0,2673	125,0	18,190	music wire	4L
T.216.220.0635.I	21,6	2,20	63,5	0,2296	126,5	16,024	stainless steel	4L
T.216.220.0640.A	21,6	2,20	64,0	0,2624	126,6	18,190	music wire	4L
T.216.220.0640.I	21,6	2,20	64,0	0,2254	128,2	16,024	stainless steel	4L
T.216.220.0698.A	21,6	2,20	69,8	0,2166	145,6	18,190	music wire	4L
T.216.220.0698.I	21,6	2,20	69,8	0,1860	147,6	16,024	stainless steel	4L
T.216.220.0700.A	21,6	2,20	70,0	0,2153	146,3	18,190	music wire	4L
T.216.220.0700.I	21,6	2,20	70,0	0,1849	148,3	16,024	stainless steel	4L
T.216.220.0760.A	21,6	2,20	76,0	0,1825	166,0	18,190	music wire	4L
T.216.220.0760.I	21,6	2,20	76,0	0,1568	168,3	16,024	stainless steel	4L
T.216.220.0762.A	21,6	2,20	76,2	0,1816	166,7	18,190	music wire	4L
T.216.220.0762.I	21,6	2,20	76,2	0,1560	169,0	16,024	stainless steel	4L
T.216.220.0889.A	21,6	2,20	88,9	0,1375	208,4	18,190	music wire	4L
T.216.220.0889.I	21,6	2,20	88,9	0,1181	211,5	16,024	stainless steel	4L
T.216.220.0890.A	21,6	2,20	89,0	0,1372	208,7	18,190	music wire	4L
T.216.220.0890.I	21,6	2,20	89,0	0,1179	211,8	16,024	stainless steel	4L
T.216.220.1016.A	21,6	2,20	101,6	0,1106	250,1	18,190	music wire	4L
T.216.220.1016.I	21,6	2,20	101,6	0,0950	253,9	16,024	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.216.220.1020.A	21,6	2,20	102,0	0,1100	251,4	18,190	music wire	4L
T.216.220.1020.I	21,6	2,20	102,0	0,0944	255,2	16,024	stainless steel	4L
T.216.220.1143.A	21,6	2,20	114,3	0,0925	291,8	18,190	music wire	4L
T.216.220.1143.I	21,6	2,20	114,3	0,0795	296,4	16,024	stainless steel	4L
T.216.220.1150.A	21,6	2,20	115,0	0,0917	294,1	18,190	music wire	4L
T.216.220.1150.I	21,6	2,20	115,0	0,0788	298,7	16,024	stainless steel	4L
T.216.220.1200.A	21,6	2,20	120,0	0,0862	310,5	18,190	music wire	4L
T.216.220.1200.I	21,6	2,20	120,0	0,0741	315,4	16,024	stainless steel	4L
T.216.220.1206.A	21,6	2,20	120,6	0,0856	312,5	18,190	music wire	4L
T.216.220.1206.I	21,6	2,20	120,6	0,0735	317,4	16,024	stainless steel	4L
T.216.220.1270.A	21,6	2,20	127,0	0,0795	333,5	18,190	music wire	4L
T.216.220.1270.I	21,6	2,20	127,0	0,0683	338,8	16,024	stainless steel	4L
T.216.220.1397.A	21,6	2,20	139,7	0,0697	375,2	18,190	music wire	4L
T.216.220.1397.I	21,6	2,20	139,7	0,0600	381,3	16,024	stainless steel	4L
T.216.220.1400.A	21,6	2,20	140,0	0,0695	376,2	18,190	music wire	4L
T.216.220.1400.I	21,6	2,20	140,0	0,0597	382,3	16,024	stainless steel	4L
T.216.220.1520.A	21,6	2,20	152,0	0,0623	415,6	18,190	music wire	4L
T.216.220.1520.I	21,6	2,20	152,0	0,0535	422,4	16,024	stainless steel	4M
T.216.220.1524.A	21,6	2,20	152,4	0,0621	417,0	18,190	music wire	4L
T.216.220.1524.I	21,6	2,20	152,4	0,0533	423,7	16,024	stainless steel	4M
T.218.210.1000.A	21,8	2,10	100,0	0,0868	266,0	15,851	music wire	4L
T.218.210.1000.I	21,8	2,10	100,0	0,0745	270,0	13,942	stainless steel	4L
T.218.300.1200.A	21,8	3,00	120,0	0,4363	204,7	42,278	music wire	4M
T.218.300.1200.I	21,8	3,00	120,0	0,3747	207,8	37,655	stainless steel	4M
T.219.200.0640.A	21,9	2,00	64,0	0,1579	143,8	13,782	music wire	4L
T.219.200.0640.I	21,9	2,00	64,0	0,1356	145,6	12,103	stainless steel	4L
T.219.270.1460.A	21,9	2,70	146,0	0,1872	295,1	31,568	music wire	4M
T.219.270.1460.I	21,9	2,70	146,0	0,1608	300,0	28,008	stainless steel	4M
T.220.190.0950.A	22,0	1,90	95,0	0,0549	295,9	11,974	music wire	4J
T.220.190.0950.I	22,0	1,90	95,0	0,0471	289,9	10,014	stainless steel	4J
T.220.200.0508.A	22,0	2,00	50,8	0,3184	90,2	13,722	music wire	4L
T.220.200.0508.I	22,0	2,00	50,8	0,2734	91,1	12,051	stainless steel	4L
T.220.200.0548.A	22,0	2,00	54,8	0,2426	106,6	13,722	music wire	4L
T.220.200.0548.I	22,0	2,00	54,8	0,2083	107,7	12,051	stainless steel	4L
T.220.200.0628.A	22,0	2,00	62,8	0,1643	139,2	13,722	music wire	4L
T.220.200.0628.I	22,0	2,00	62,8	0,1411	140,9	12,051	stainless steel	4L
T.220.200.0708.A	22,0	2,00	70,8	0,1242	171,8	13,722	music wire	4L
T.220.200.0708.I	22,0	2,00	70,8	0,1067	174,1	12,051	stainless steel	4L
T.220.200.0728.A	22,0	2,00	72,8	0,1171	180,0	13,722	music wire	4L
T.220.200.0728.I	22,0	2,00	72,8	0,1006	182,4	12,051	stainless steel	4L
T.220.200.0808.A	22,0	2,00	80,8	0,0952	212,7	13,722	music wire	4L
T.220.200.0808.I	22,0	2,00	80,8	0,0818	215,6	12,051	stainless steel	4L
T.220.200.1100.A	22,0	2,00	110,0	0,0566	331,8	13,722	music wire	4L
T.220.200.1100.I	22,0	2,00	110,0	0,0486	336,8	12,051	stainless steel	4L
T.220.200.1110.A	22,0	2,00	111,0	0,0558	335,9	13,722	music wire	4L
T.220.200.1110.I	22,0	2,00	111,0	0,0479	340,9	12,051	stainless steel	4L
T.220.200.1240.A	22,0	2,00	124,0	0,0474	388,9	13,722	music wire	4L
T.220.200.1240.I	22,0	2,00	124,0	0,0407	394,9	12,051	stainless steel	4L
T.220.200.1380.A	22,0	2,00	138,0	0,0408	446,1	13,722	music wire	4L
T.220.200.1380.I	22,0	2,00	138,0	0,0350	453,0	12,051	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.220.200.1510.A	22,0	2,00	151,0	0,0361	499,1	13,722	music wire	4L
T.220.200.1510.I	22,0	2,00	151,0	0,0310	506,9	12,051	stainless steel	4L
T.220.200.1540.A	22,0	2,00	154,0	0,0351	511,4	13,722	music wire	4L
T.220.200.1540.I	22,0	2,00	154,0	0,0302	519,4	12,051	stainless steel	4L
T.220.200.1700.A	22,0	2,00	170,0	0,0309	576,7	13,722	music wire	4L
T.220.200.1700.I	22,0	2,00	170,0	0,0265	585,8	12,051	stainless steel	4M
T.220.200.1860.A	22,0	2,00	186,0	0,0275	642,0	13,722	music wire	4M
T.220.200.1860.I	22,0	2,00	186,0	0,0236	652,2	12,051	stainless steel	4M
T.220.200.2410.A	22,0	2,00	241,0	0,0201	870,8	13,818	music wire	4M
T.220.200.2410.I	22,0	2,00	241,0	0,0172	852,5	11,568	stainless steel	4M
T.220.220.0630.A	22,0	2,20	63,0	0,2650	124,5	18,020	music wire	4L
T.220.220.0630.I	22,0	2,20	63,0	0,2276	122,8	15,117	stainless steel	4L
T.220.320.0602.A	22,0	3,20	60,2	1,9940	82,0	49,963	music wire	4L
T.220.320.0602.I	22,0	3,20	60,2	1,7126	82,8	44,609	stainless steel	4M
T.220.320.0794.A	22,0	3,20	79,4	1,1432	117,3	49,963	music wire	4M
T.220.320.0794.I	22,0	3,20	79,4	0,9819	118,8	44,609	stainless steel	4M
T.220.320.1080.A	22,0	3,20	108,0	0,7000	170,1	49,963	music wire	4M
T.220.320.1080.I	22,0	3,20	108,0	0,6000	172,5	44,609	stainless steel	4M
T.220.320.1560.A	22,0	3,20	156,0	0,4231	258,5	49,963	music wire	4M
T.220.320.1560.I	22,0	3,20	156,0	0,3634	262,6	44,609	stainless steel	4M
T.220.340.0700.A	22,0	3,40	70,0	1,9959	95,8	59,668	music wire	4L
T.220.340.0700.I	22,0	3,40	70,0	1,7143	95,3	50,573	stainless steel	4M
T.220.340.0760.A	22,0	3,40	76,0	1,7062	106,2	59,668	music wire	4M
T.220.340.0760.I	22,0	3,40	76,0	1,4654	105,6	50,573	stainless steel	4M
T.220.340.0830.A	22,0	3,40	83,0	1,4591	118,3	59,668	music wire	4M
T.220.340.0830.I	22,0	3,40	83,0	1,2532	117,6	50,573	stainless steel	4M
T.220.450.0703.A	22,0	4,50	70,3	8,8132	82,0	123,916	music wire	5D
T.220.450.0703.I	22,0	4,50	70,3	7,5696	82,6	112,182	stainless steel	5E
T.220.450.0973.A	22,0	4,50	97,3	5,2510	116,9	123,916	music wire	5D
T.220.450.0973.I	22,0	4,50	97,3	4,5100	118,0	112,182	stainless steel	5E
T.220.450.1380.A	22,0	4,50	138,0	3,2629	169,6	123,916	music wire	5D
T.220.450.1380.I	22,0	4,50	138,0	2,8025	171,3	112,182	stainless steel	5E
T.222.200.2150.A	22,2	2,00	215,0	0,0224	771,3	13,604	music wire	4M
T.222.200.2150.I	22,2	2,00	215,0	0,0192	783,8	11,946	stainless steel	4M
T.222.230.0850.A	22,2	2,30	85,0	0,1752	188,1	20,042	music wire	4L
T.222.230.0850.I	22,2	2,30	85,0	0,1505	190,9	17,682	stainless steel	4L
T.222.230.1600.A	22,2	2,30	160,0	0,0679	428,5	20,214	music wire	4L
T.222.230.1600.I	22,2	2,30	160,0	0,0583	421,3	16,975	stainless steel	4M
T.222.230.2980.A	22,2	2,30	298,0	0,0319	863,6	20,042	music wire	4M
T.222.230.2980.I	22,2	2,30	298,0	0,0274	879,0	17,682	stainless steel	4M
T.222.250.1520.A	22,2	2,50	152,0	0,1131	351,3	25,227	music wire	4M
T.222.250.1520.I	22,2	2,50	152,0	0,0971	357,3	22,321	stainless steel	4M
T.222.300.0640.A	22,2	3,00	64,0	1,2229	93,8	41,578	music wire	4L
T.222.300.0640.I	22,2	3,00	64,0	1,0504	94,9	37,032	stainless steel	4L
T.222.300.1050.A	22,2	3,00	105,0	0,5025	177,4	41,578	music wire	4L
T.222.300.1050.I	22,2	3,00	105,0	0,4316	180,1	37,032	stainless steel	4M
T.222.300.1480.A	22,2	3,00	148,0	0,3100	265,2	41,578	music wire	4M
T.222.300.1480.I	22,2	3,00	148,0	0,2668	269,5	37,032	stainless steel	4M
T.222.300.3000.A	22,2	3,00	300,0	0,1322	578,7	42,075	music wire	4N
T.222.300.3000.I	22,2	3,00	300,0	0,1135	572,5	35,551	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.222.340.0800.A	22,2	3,40	80,0	1,5177	113,7	59,185	music wire	4M
T.222.340.0800.I	22,2	3,40	80,0	1,3035	113,0	50,164	stainless steel	4M
T.222.340.2150.A	22,2	3,40	215,0	0,3853	345,8	58,389	music wire	4M
T.222.340.2150.I	22,2	3,40	215,0	0,3309	351,3	52,254	stainless steel	4M
T.222.340.2290.A	22,2	3,40	229,0	0,3576	369,9	58,389	music wire	4M
T.222.340.2290.I	22,2	3,40	229,0	0,3071	375,8	52,254	stainless steel	4M
T.223.160.2150.A	22,3	1,60	215,0	0,0069	1210,6	7,269	music wire	4J
T.223.160.2150.I	22,3	1,60	215,0	0,0059	1225,9	6,339	stainless steel	4J
T.223.170.3370.A	22,3	1,70	337,0	0,0056	1783,7	8,611	music wire	4J
T.223.170.3370.I	22,3	1,70	337,0	0,0048	1808,6	7,523	stainless steel	4J
T.223.235.1480.A	22,3	2,35	148,0	0,0833	376,9	21,179	music wire	4L
T.223.235.1480.I	22,3	2,35	148,0	0,0715	383,3	18,699	stainless steel	4M
T.223.270.0600.A	22,3	2,70	60,0	0,8265	93,6	31,368	music wire	4L
T.223.270.0600.I	22,3	2,70	60,0	0,7099	92,8	26,438	stainless steel	4L
T.223.270.0850.A	22,3	2,70	85,0	0,4000	153,7	31,040	music wire	4L
T.223.270.0850.I	22,3	2,70	85,0	0,3438	156,0	27,540	stainless steel	4L
T.223.270.1080.A	22,3	2,70	108,0	0,2715	209,3	31,040	music wire	4L
T.223.270.1080.I	22,3	2,70	108,0	0,2332	212,6	27,540	stainless steel	4L
T.223.270.1360.A	22,3	2,70	136,0	0,1951	277,0	31,040	music wire	4L
T.223.270.1360.I	22,3	2,70	136,0	0,1676	281,6	27,540	stainless steel	4M
T.223.270.2150.A	22,3	2,70	215,0	0,1088	467,9	31,040	music wire	4M
T.223.270.2150.I	22,3	2,70	215,0	0,0934	476,2	27,540	stainless steel	4M
T.223.270.2480.A	22,3	2,70	248,0	0,0918	547,6	31,040	music wire	4M
T.223.270.2480.I	22,3	2,70	248,0	0,0788	557,5	27,540	stainless steel	4M
T.223.270.3200.A	22,3	2,70	320,0	0,0685	725,9	31,368	music wire	4M
T.223.270.3200.I	22,3	2,70	320,0	0,0588	716,2	26,438	stainless steel	4N
T.223.270.6100.A	22,3	2,70	610,0	0,0339	1422,5	31,040	music wire	4O
T.223.270.6100.I	22,3	2,70	610,0	0,0291	1449,3	27,540	stainless steel	4O
T.223.350.3050.A	22,3	3,50	305,0	0,2973	487,1	62,882	music wire	4N
T.223.350.3050.I	22,3	3,50	305,0	0,2553	494,9	56,340	stainless steel	4N
T.223.360.2290.A	22,3	3,60	229,0	0,4826	349,6	67,832	music wire	5C
T.223.360.2290.I	22,3	3,60	229,0	0,4145	354,9	60,842	stainless steel	5C
T.223.380.0960.A	22,3	3,80	96,0	2,0301	128,9	78,402	music wire	5C
T.223.380.0960.I	22,3	3,80	96,0	1,7436	130,4	70,476	stainless steel	5C
T.225.250.0605.A	22,5	2,50	60,5	0,5407	101,7	24,910	music wire	4L
T.225.250.0605.I	22,5	2,50	60,5	0,4644	103,0	22,041	stainless steel	4L
T.225.250.0800.A	22,5	2,50	80,0	0,2926	156,9	25,150	music wire	4L
T.225.250.0800.I	22,5	2,50	80,0	0,2513	154,9	21,159	stainless steel	4L
T.225.250.0930.A	22,5	2,50	93,0	0,2241	192,4	24,910	music wire	4L
T.225.250.0930.I	22,5	2,50	93,0	0,1925	195,4	22,041	stainless steel	4L
T.225.250.1000.A	22,5	2,50	100,0	0,1990	213,1	25,150	music wire	4L
T.225.250.1000.I	22,5	2,50	100,0	0,1709	210,2	21,159	stainless steel	4L
T.225.250.1200.A	22,5	2,50	120,0	0,1507	269,2	25,150	music wire	4L
T.225.250.1200.I	22,5	2,50	120,0	0,1295	265,5	21,159	stainless steel	4M
T.225.250.1300.A	22,5	2,50	130,0	0,1344	295,7	24,910	music wire	4L
T.225.250.1300.I	22,5	2,50	130,0	0,1155	300,7	22,041	stainless steel	4M
T.225.250.1480.A	22,5	2,50	148,0	0,1125	346,0	24,910	music wire	4M
T.225.250.1480.I	22,5	2,50	148,0	0,0967	352,0	22,041	stainless steel	4M
T.225.250.1650.A	22,5	2,50	165,0	0,0975	393,4	24,910	music wire	4M
T.225.250.1650.I	22,5	2,50	165,0	0,0838	400,3	22,041	stainless steel	4M



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.225.250.1850.A	22,5	2,50	185,0	0,0843	449,3	24,910	music wire	4M
T.225.250.1850.I	22,5	2,50	185,0	0,0724	457,3	22,041	stainless steel	4M
T.225.250.2050.A	22,5	2,50	205,0	0,0742	505,1	24,910	music wire	4M
T.225.250.2050.I	22,5	2,50	205,0	0,0638	514,2	22,041	stainless steel	4M
T.225.250.2250.A	22,5	2,50	225,0	0,0663	560,9	24,910	music wire	4M
T.225.250.2250.I	22,5	2,50	225,0	0,0570	571,1	22,041	stainless steel	4M
T.226.470.4380.A	22,6	4,70	438,0	1,0000	550,4	135,752	music wire	5E
T.226.470.4380.I	22,6	4,70	438,0	0,8599	556,7	123,130	stainless steel	5E
T.230.250.0572.A	23,0	2,50	57,2	0,6159	93,1	24,634	music wire	4L
T.230.250.0572.I	23,0	2,50	57,2	0,5290	92,2	20,725	stainless steel	4L
T.230.270.1020.A	23,0	2,70	102,0	0,2731	201,2	30,475	music wire	4L
T.230.270.1020.I	23,0	2,70	102,0	0,2345	198,9	25,685	stainless steel	4L
T.230.300.0889.A	23,0	3,00	88,9	0,5962	148,9	40,724	music wire	4L
T.230.300.0889.I	23,0	3,00	88,9	0,5121	147,6	34,410	stainless steel	4M
T.230.300.1016.A	23,0	3,00	101,6	0,4798	176,2	40,724	music wire	4L
T.230.300.1016.I	23,0	3,00	101,6	0,4121	174,6	34,410	stainless steel	4M
T.230.300.1143.A	23,0	3,00	114,3	0,3998	203,8	40,724	music wire	4M
T.230.300.1143.I	23,0	3,00	114,3	0,3434	201,9	34,410	stainless steel	4M
T.230.300.1397.A	23,0	3,00	139,7	0,3016	258,4	40,724	music wire	4M
T.230.300.1397.I	23,0	3,00	139,7	0,2590	255,8	34,410	stainless steel	4M
T.230.300.1524.A	23,0	3,00	152,4	0,2679	286,0	40,724	music wire	4M
T.230.300.1524.I	23,0	3,00	152,4	0,2301	283,1	34,410	stainless steel	4M
T.230.300.1651.A	23,0	3,00	165,1	0,2416	313,3	40,724	music wire	4M
T.230.300.1651.I	23,0	3,00	165,1	0,2075	310,0	34,410	stainless steel	4M
T.230.300.1778.A	23,0	3,00	177,8	0,2199	340,5	40,724	music wire	4M
T.230.300.1778.I	23,0	3,00	177,8	0,1889	337,0	34,410	stainless steel	4M
T.230.340.0850.A	23,0	3,40	85,0	1,2495	124,2	56,556	music wire	4M
T.230.340.0850.I	23,0	3,40	85,0	1,0732	125,9	50,614	stainless steel	4M
T.230.340.0890.A	23,0	3,40	89,0	1,1590	131,9	57,327	music wire	4M
T.230.340.0890.I	23,0	3,40	89,0	0,9955	131,0	48,589	stainless steel	4M
T.230.340.3050.A	23,0	3,40	305,0	0,2283	522,6	57,327	music wire	4N
T.230.340.3050.I	23,0	3,40	305,0	0,1961	518,4	48,589	stainless steel	4N
T.231.250.6730.A	23,1	2,50	673,0	0,0179	1887,9	24,299	music wire	4P
T.231.250.6730.I	23,1	2,50	673,0	0,0154	1924,6	21,500	stainless steel	4P
T.231.380.1650.A	23,1	3,80	165,0	0,8624	240,4	76,013	music wire	5C
T.231.380.1650.I	23,1	3,80	165,0	0,7407	243,9	68,329	stainless steel	5C
T.232.320.0684.A	23,2	3,20	68,4	1,3522	99,1	47,602	music wire	4L
T.232.320.0684.I	23,2	3,20	68,4	1,1614	100,4	42,501	stainless steel	4M
T.232.320.0800.A	23,2	3,20	80,0	0,9891	122,6	48,211	music wire	4M
T.232.320.0800.I	23,2	3,20	80,0	0,8495	121,7	40,801	stainless steel	4M
T.232.320.1000.A	23,2	3,20	100,0	0,6744	162,4	48,211	music wire	4M
T.232.320.1000.I	23,2	3,20	100,0	0,5792	161,2	40,801	stainless steel	4M
T.232.320.1100.A	23,2	3,20	110,0	0,5837	181,2	47,602	music wire	4M
T.232.320.1100.I	23,2	3,20	110,0	0,5000	184,0	42,501	stainless steel	4M
T.232.320.1200.A	23,2	3,20	120,0	0,5136	202,0	48,211	music wire	4M
T.232.320.1200.I	23,2	3,20	120,0	0,4411	200,3	40,801	stainless steel	4M
T.232.320.1580.A	23,2	3,20	158,0	0,3526	275,9	47,602	music wire	4M
T.232.320.1580.I	23,2	3,20	158,0	0,3028	280,6	42,501	stainless steel	4M
T.232.320.1800.A	23,2	3,20	180,0	0,2984	319,3	47,602	music wire	4M
T.232.320.1800.I	23,2	3,20	180,0	0,2563	324,8	42,501	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.232.320.2020.A	23,2	3,20	202,0	0,2587	362,7	47,602	music wire	4M
T.232.320.2020.I	23,2	3,20	202,0	0,2222	369,1	42,501	stainless steel	4M
T.232.320.2280.A	23,2	3,20	228,0	0,2235	414,0	47,602	music wire	4M
T.232.320.2280.I	23,2	3,20	228,0	0,1919	421,4	42,501	stainless steel	4N
T.232.320.2540.A	23,2	3,20	254,0	0,1967	465,3	47,602	music wire	4N
T.232.320.2540.I	23,2	3,20	254,0	0,1690	473,7	42,501	stainless steel	4N
T.232.320.2790.A	23,2	3,20	279,0	0,1764	514,7	47,602	music wire	4N
T.232.320.2790.I	23,2	3,20	279,0	0,1515	524,0	42,501	stainless steel	4N
T.238.180.2150.A	23,8	1,80	215,0	0,0105	1062,9	9,485	music wire	4J
T.238.180.2150.I	23,8	1,80	215,0	0,0090	1079,1	8,301	stainless steel	4K
T.238.200.2150.A	23,8	2,00	215,0	0,0181	862,4	12,724	music wire	4M
T.238.200.2150.I	23,8	2,00	215,0	0,0156	876,9	11,173	stainless steel	4M
T.238.230.0760.A	23,8	2,30	76,0	0,1869	167,2	18,758	music wire	4L
T.238.230.0760.I	23,8	2,30	76,0	0,1605	169,7	16,549	stainless steel	4L
T.238.230.1200.A	23,8	2,30	120,0	0,0831	326,7	18,919	music wire	4L
T.238.230.1200.I	23,8	2,30	120,0	0,0714	321,3	15,887	stainless steel	4L
T.238.230.2150.A	23,8	2,30	215,0	0,0379	665,2	18,758	music wire	4M
T.238.230.2150.I	23,8	2,30	215,0	0,0325	677,4	16,549	stainless steel	4M
T.239.160.2150.A	23,9	1,60	215,0	0,0056	1367,9	6,795	music wire	4J
T.239.160.2150.I	23,9	1,60	215,0	0,0048	1385,5	5,926	stainless steel	4J
T.239.270.0810.A	23,9	2,70	81,0	0,3715	150,9	29,088	music wire	4L
T.239.270.0810.I	23,9	2,70	81,0	0,3191	153,2	25,808	stainless steel	4L
T.239.270.1030.A	23,9	2,70	103,0	0,2424	210,2	29,088	music wire	4L
T.239.270.1030.I	23,9	2,70	103,0	0,2082	213,7	25,808	stainless steel	4L
T.239.270.1400.A	23,9	2,70	140,0	0,1532	311,4	29,396	music wire	4M
T.239.270.1400.I	23,9	2,70	140,0	0,1315	307,3	24,776	stainless steel	4M
T.239.270.2150.A	23,9	2,70	215,0	0,0875	511,8	29,088	music wire	4M
T.239.270.2150.I	23,9	2,70	215,0	0,0752	521,5	25,808	stainless steel	4M
T.239.270.3200.A	23,9	2,70	320,0	0,0547	799,5	29,396	music wire	4N
T.239.270.3200.I	23,9	2,70	320,0	0,0470	788,1	24,776	stainless steel	4N
T.240.220.0556.A	24,0	2,20	55,6	0,3569	97,7	16,450	music wire	4L
T.240.220.0556.I	24,0	2,20	55,6	0,3065	98,8	14,492	stainless steel	4L
T.240.220.0688.A	24,0	2,20	68,8	0,1850	150,1	16,450	music wire	4L
T.240.220.0688.I	24,0	2,20	68,8	0,1589	152,2	14,492	stainless steel	4L
T.240.220.0886.A	24,0	2,20	88,6	0,1074	228,6	16,450	music wire	4L
T.240.220.0886.I	24,0	2,20	88,6	0,0922	232,2	14,492	stainless steel	4L
T.240.220.1220.A	24,0	2,20	122,0	0,0629	361,1	16,450	music wire	4L
T.240.220.1220.I	24,0	2,20	122,0	0,0540	367,3	14,492	stainless steel	4L
T.240.220.1660.A	24,0	2,20	166,0	0,0407	535,7	16,450	music wire	4M
T.240.220.1660.I	24,0	2,20	166,0	0,0349	545,2	14,492	stainless steel	4M
T.240.300.1150.A	24,0	3,00	115,0	0,3517	212,1	38,687	music wire	4M
T.240.300.1150.I	24,0	3,00	115,0	0,3021	215,7	34,457	stainless steel	4M
T.240.300.1330.A	24,0	3,00	133,0	0,2844	253,1	38,687	music wire	4M
T.240.300.1330.I	24,0	3,00	133,0	0,2442	257,6	34,457	stainless steel	4M
T.240.300.1540.A	24,0	3,00	154,0	0,2324	301,0	38,687	music wire	4M
T.240.300.1540.I	24,0	3,00	154,0	0,2000	306,4	34,457	stainless steel	4M
T.240.300.1720.A	24,0	3,00	172,0	0,2010	342,0	38,687	music wire	4M
T.240.300.1720.I	24,0	3,00	172,0	0,1726	348,3	34,457	stainless steel	4M
T.240.300.1930.A	24,0	3,00	193,0	0,1736	389,8	38,687	music wire	4M
T.240.300.1930.I	24,0	3,00	193,0	0,1491	397,1	34,457	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.240.300.2170.A	24,0	3,00	217,0	0,1502	444,5	38,687	music wire	4M
T.240.300.2170.I	24,0	3,00	217,0	0,1290	452,9	34,457	stainless steel	4M
T.240.300.2410.A	24,0	3,00	241,0	0,1323	499,1	38,687	music wire	4M
T.240.300.2410.I	24,0	3,00	241,0	0,1137	508,7	34,457	stainless steel	4M
T.240.400.0856.A	24,0	4,00	85,6	2,6290	113,0	84,313	music wire	5C
T.240.400.0856.I	24,0	4,00	85,6	2,2581	114,3	75,950	stainless steel	5C
T.240.400.1410.A	24,0	4,00	141,0	1,2419	199,0	84,313	music wire	5C
T.240.400.1410.I	24,0	4,00	141,0	1,0667	201,8	75,950	stainless steel	5D
T.240.400.1930.A	24,0	4,00	193,0	0,8306	279,7	84,313	music wire	5C
T.240.400.1930.I	24,0	4,00	193,0	0,7134	284,0	75,950	stainless steel	5D
T.240.400.2170.A	24,0	4,00	217,0	0,7204	317,0	84,313	music wire	5C
T.240.400.2170.I	24,0	4,00	217,0	0,6188	321,9	75,950	stainless steel	5D
T.240.400.2450.A	24,0	4,00	245,0	0,6239	360,5	84,313	music wire	5C
T.240.400.2450.I	24,0	4,00	245,0	0,5359	366,1	75,950	stainless steel	5D
T.240.400.2770.A	24,0	4,00	277,0	0,5411	410,1	84,313	music wire	5D
T.240.400.2770.I	24,0	4,00	277,0	0,4647	416,6	75,950	stainless steel	5D
T.240.400.3090.A	24,0	4,00	309,0	0,4777	459,8	84,313	music wire	5D
T.240.400.3090.I	24,0	4,00	309,0	0,4100	467,2	75,950	stainless steel	5D
T.240.400.3410.A	24,0	4,00	341,0	0,4275	509,5	84,313	music wire	5D
T.240.400.3410.I	24,0	4,00	341,0	0,3672	517,7	75,950	stainless steel	5D
T.240.450.1524.A	24,0	4,50	152,4	2,1504	198,3	117,325	music wire	5D
T.240.450.1524.I	24,0	4,50	152,4	1,8469	197,7	100,188	stainless steel	5E
T.240.450.1651.A	24,0	4,50	165,1	1,9427	215,9	117,325	music wire	5D
T.240.450.1651.I	24,0	4,50	165,1	1,6686	215,2	100,188	stainless steel	5E
T.240.450.1778.A	24,0	4,50	177,8	1,7717	233,5	117,325	music wire	5D
T.240.450.1778.I	24,0	4,50	177,8	1,5217	232,8	100,188	stainless steel	5E
T.240.450.1905.A	24,0	4,50	190,5	1,6236	251,3	117,325	music wire	5D
T.240.450.1905.I	24,0	4,50	190,5	1,3945	250,5	100,188	stainless steel	5E
T.240.450.2032.A	24,0	4,50	203,2	1,5024	268,9	117,325	music wire	5D
T.240.450.2032.I	24,0	4,50	203,2	1,2904	268,0	100,188	stainless steel	5E
T.242.300.0950.A	24,2	3,00	95,0	0,4673	167,6	38,390	music wire	4L
T.242.300.0950.I	24,2	3,00	95,0	0,4014	170,3	34,193	stainless steel	4M
T.242.300.1460.A	24,2	3,00	146,0	0,2437	285,2	38,390	music wire	4M
T.242.300.1460.I	24,2	3,00	146,0	0,2093	290,4	34,193	stainless steel	4M
T.242.300.3000.A	24,2	3,00	300,0	0,0997	644,5	38,848	music wire	4N
T.242.300.3000.I	24,2	3,00	300,0	0,0856	637,1	32,825	stainless steel	4N
T.243.270.6730.A	24,3	2,70	673,0	0,0229	1789,9	28,637	music wire	4P
T.243.270.6730.I	24,3	2,70	673,0	0,0197	1826,8	25,408	stainless steel	4P
T.245.300.1430.A	24,5	3,00	143,0	0,2418	281,9	37,952	music wire	4M
T.245.300.1430.I	24,5	3,00	143,0	0,2077	287,0	33,802	stainless steel	4M
T.246.320.2000.A	24,6	3,20	200,0	0,2175	382,3	45,103	music wire	4M
T.246.320.2000.I	24,6	3,20	200,0	0,1868	389,6	40,270	stainless steel	4M
T.250.160.0630.A	25,0	1,60	63,0	0,0468	195,7	6,504	music wire	4I
T.250.160.0630.I	25,0	1,60	63,0	0,0402	197,8	5,671	stainless steel	4I
T.250.160.0800.A	25,0	1,60	80,0	0,0240	339,5	6,504	music wire	4I
T.250.160.0800.I	25,0	1,60	80,0	0,0206	343,5	5,671	stainless steel	4I
T.250.160.1000.A	25,0	1,60	100,0	0,0152	508,7	6,504	music wire	4I
T.250.160.1000.I	25,0	1,60	100,0	0,0131	514,9	5,671	stainless steel	4I
T.250.160.1150.A	25,0	1,60	115,0	0,0120	637,6	6,533	music wire	4I
T.250.160.1150.I	25,0	1,60	115,0	0,0103	621,1	5,444	stainless steel	4I

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.250.160.1250.A	25,0	1,60	125,0	0,0104	720,1	6,504	music wire	4I
T.250.160.1250.I	25,0	1,60	125,0	0,0090	729,2	5,671	stainless steel	4I
T.250.160.1600.A	25,0	1,60	160,0	0,0073	1016,2	6,504	music wire	4I
T.250.160.1600.I	25,0	1,60	160,0	0,0062	1029,3	5,671	stainless steel	4J
T.250.160.2000.A	25,0	1,60	200,0	0,0054	1354,5	6,504	music wire	4J
T.250.160.2000.I	25,0	1,60	200,0	0,0046	1372,1	5,671	stainless steel	4J
T.250.160.3600.A	25,0	1,60	360,0	0,0026	2707,7	6,504	music wire	4K
T.250.160.3600.I	25,0	1,60	360,0	0,0023	2743,6	5,671	stainless steel	4L
T.250.175.0635.A	25,0	1,75	63,5	0,0711	175,2	8,404	music wire	4I
T.250.175.0635.I	25,0	1,75	63,5	0,0610	171,8	7,016	stainless steel	4I
T.250.175.0698.A	25,0	1,75	69,8	0,0532	219,1	8,404	music wire	4I
T.250.175.0698.I	25,0	1,75	69,8	0,0457	214,6	7,016	stainless steel	4I
T.250.175.0700.A	25,0	1,75	70,0	0,0528	220,4	8,404	music wire	4I
T.250.175.0700.I	25,0	1,75	70,0	0,0453	215,8	7,016	stainless steel	4I
T.250.175.0762.A	25,0	1,75	76,2	0,0422	264,2	8,404	music wire	4I
T.250.175.0762.I	25,0	1,75	76,2	0,0363	258,5	7,016	stainless steel	4I
T.250.175.0889.A	25,0	1,75	88,9	0,0302	352,1	8,404	music wire	4I
T.250.175.0889.I	25,0	1,75	88,9	0,0259	344,1	7,016	stainless steel	4I
T.250.175.0890.A	25,0	1,75	89,0	0,0300	353,2	8,404	music wire	4I
T.250.175.0890.I	25,0	1,75	89,0	0,0258	345,2	7,016	stainless steel	4I
T.250.175.1016.A	25,0	1,75	101,6	0,0234	441,0	8,404	music wire	4I
T.250.175.1016.I	25,0	1,75	101,6	0,0201	430,7	7,016	stainless steel	4I
T.250.175.1143.A	25,0	1,75	114,3	0,0191	528,9	8,404	music wire	4I
T.250.175.1143.I	25,0	1,75	114,3	0,0164	516,3	7,016	stainless steel	4I
T.250.175.1150.A	25,0	1,75	115,0	0,0190	533,7	8,404	music wire	4I
T.250.175.1150.I	25,0	1,75	115,0	0,0163	521,0	7,016	stainless steel	4I
T.250.180.0630.A	25,0	1,80	63,0	0,0838	164,6	9,043	music wire	4J
T.250.180.0630.I	25,0	1,80	63,0	0,0720	166,5	7,915	stainless steel	4J
T.250.180.0800.A	25,0	1,80	80,0	0,0435	275,4	9,043	music wire	4J
T.250.180.0800.I	25,0	1,80	80,0	0,0374	279,2	7,915	stainless steel	4J
T.250.180.1000.A	25,0	1,80	100,0	0,0278	405,9	9,043	music wire	4J
T.250.180.1000.I	25,0	1,80	100,0	0,0239	411,7	7,915	stainless steel	4J
T.250.180.1250.A	25,0	1,80	125,0	0,0192	568,9	9,043	music wire	4J
T.250.180.1250.I	25,0	1,80	125,0	0,0165	577,3	7,915	stainless steel	4J
T.250.180.1600.A	25,0	1,80	160,0	0,0134	797,1	9,043	music wire	4J
T.250.180.1600.I	25,0	1,80	160,0	0,0115	809,2	7,915	stainless steel	4J
T.250.180.2000.A	25,0	1,80	200,0	0,0099	1058,0	9,043	music wire	4J
T.250.180.2000.I	25,0	1,80	200,0	0,0085	1074,3	7,915	stainless steel	4K
T.250.180.3600.A	25,0	1,80	360,0	0,0049	2101,4	9,043	music wire	4L
T.250.180.3600.I	25,0	1,80	360,0	0,0042	2134,4	7,915	stainless steel	4M
T.250.200.0630.A	25,0	2,00	63,0	0,1410	142,9	12,134	music wire	4L
T.250.200.0630.I	25,0	2,00	63,0	0,1211	144,7	10,656	stainless steel	4L
T.250.200.0800.A	25,0	2,00	80,0	0,0744	231,4	12,134	music wire	4L
T.250.200.0800.I	25,0	2,00	80,0	0,0639	234,8	10,656	stainless steel	4L
T.250.200.1000.A	25,0	2,00	100,0	0,0478	335,6	12,134	music wire	4L
T.250.200.1000.I	25,0	2,00	100,0	0,0411	340,8	10,656	stainless steel	4L
T.250.200.1250.A	25,0	2,00	125,0	0,0331	465,7	12,134	music wire	4L
T.250.200.1250.I	25,0	2,00	125,0	0,0284	473,4	10,656	stainless steel	4L
T.250.200.1600.A	25,0	2,00	160,0	0,0231	647,9	12,134	music wire	4L
T.250.200.1600.I	25,0	2,00	160,0	0,0198	658,9	10,656	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.250.200.2000.A	25,0	2,00	200,0	0,0172	856,2	12,134	music wire	4M
T.250.200.2000.I	25,0	2,00	200,0	0,0148	870,9	10,656	stainless steel	4M
T.250.200.3600.A	25,0	2,00	360,0	0,0085	1689,2	12,134	music wire	4N
T.250.200.3600.I	25,0	2,00	360,0	0,0073	1719,0	10,656	stainless steel	4N
T.250.220.0630.A	25,0	2,20	63,0	0,2260	127,3	15,819	music wire	4L
T.250.220.0630.I	25,0	2,20	63,0	0,1941	128,9	13,935	stainless steel	4L
T.250.220.0800.A	25,0	2,20	80,0	0,1210	200,0	15,819	music wire	4L
T.250.220.0800.I	25,0	2,20	80,0	0,1040	203,1	13,935	stainless steel	4L
T.250.220.1000.A	25,0	2,20	100,0	0,0783	285,6	15,819	music wire	4L
T.250.220.1000.I	25,0	2,20	100,0	0,0672	290,4	13,935	stainless steel	4L
T.250.220.1250.A	25,0	2,20	125,0	0,0543	392,6	15,819	music wire	4L
T.250.220.1250.I	25,0	2,20	125,0	0,0466	399,5	13,935	stainless steel	4L
T.250.220.1600.A	25,0	2,20	160,0	0,0380	542,4	15,819	music wire	4M
T.250.220.1600.I	25,0	2,20	160,0	0,0326	552,2	13,935	stainless steel	4M
T.250.220.2000.A	25,0	2,20	200,0	0,0283	713,5	15,819	music wire	4M
T.250.220.2000.I	25,0	2,20	200,0	0,0243	726,7	13,935	stainless steel	4M
T.250.220.3600.A	25,0	2,20	360,0	0,0140	1398,2	15,819	music wire	4N
T.250.220.3600.I	25,0	2,20	360,0	0,0120	1424,9	13,935	stainless steel	4N
T.250.230.0830.A	25,0	2,30	83,0	0,1409	200,1	18,050	music wire	4L
T.250.230.0830.I	25,0	2,30	83,0	0,1210	197,0	15,157	stainless steel	4L
T.250.230.0890.A	25,0	2,30	89,0	0,1219	224,3	18,050	music wire	4L
T.250.230.0890.I	25,0	2,30	89,0	0,1047	220,8	15,157	stainless steel	4L
T.250.230.0960.A	25,0	2,30	96,0	0,1060	251,6	18,050	music wire	4L
T.250.230.0960.I	25,0	2,30	96,0	0,0910	247,5	15,157	stainless steel	4L
T.250.250.0630.A	25,0	2,50	63,0	0,4261	110,9	22,544	music wire	4L
T.250.250.0630.I	25,0	2,50	63,0	0,3659	112,3	19,947	stainless steel	4L
T.250.250.0800.A	25,0	2,50	80,0	0,2329	167,6	22,544	music wire	4L
T.250.250.0800.I	25,0	2,50	80,0	0,2000	170,2	19,947	stainless steel	4L
T.250.250.1000.A	25,0	2,50	100,0	0,1519	234,3	22,544	music wire	4L
T.250.250.1000.I	25,0	2,50	100,0	0,1305	238,4	19,947	stainless steel	4L
T.250.250.1250.A	25,0	2,50	125,0	0,1059	317,7	22,544	music wire	4M
T.250.250.1250.I	25,0	2,50	125,0	0,0909	323,5	19,947	stainless steel	4M
T.250.250.1600.A	25,0	2,50	160,0	0,0743	434,5	22,544	music wire	4M
T.250.250.1600.I	25,0	2,50	160,0	0,0638	442,8	19,947	stainless steel	4M
T.250.250.2000.A	25,0	2,50	200,0	0,0555	567,9	22,544	music wire	4M
T.250.250.2000.I	25,0	2,50	200,0	0,0476	579,0	19,947	stainless steel	4M
T.250.250.3600.A	25,0	2,50	360,0	0,0275	1101,7	22,544	music wire	4N
T.250.250.3600.I	25,0	2,50	360,0	0,0236	1124,0	19,947	stainless steel	4N
T.250.280.0630.A	25,0	2,80	63,0	0,7488	99,8	30,816	music wire	4L
T.250.280.0630.I	25,0	2,80	63,0	0,6432	101,0	27,377	stainless steel	4L
T.250.280.0800.A	25,0	2,80	80,0	0,4173	146,0	30,816	music wire	4L
T.250.280.0800.I	25,0	2,80	80,0	0,3584	148,3	27,377	stainless steel	4M
T.250.280.1000.A	25,0	2,80	100,0	0,2744	200,4	30,816	music wire	4M
T.250.280.1000.I	25,0	2,80	100,0	0,2357	203,8	27,377	stainless steel	4M
T.250.280.1120.A	25,0	2,80	112,0	0,2280	234,1	31,156	music wire	4M
T.250.280.1120.I	25,0	2,80	112,0	0,1958	231,3	26,282	stainless steel	4M
T.250.280.1250.A	25,0	2,80	125,0	0,1921	268,3	30,816	music wire	4M
T.250.280.1250.I	25,0	2,80	125,0	0,1650	273,3	27,377	stainless steel	4M
T.250.280.1430.A	25,0	2,80	143,0	0,1580	317,3	30,816	music wire	4M
T.250.280.1430.I	25,0	2,80	143,0	0,1357	323,2	27,377	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.250.280.1600.A	25,0	2,80	160,0	0,1353	363,5	30,816	music wire	4M
T.250.280.1600.I	25,0	2,80	160,0	0,1162	370,5	27,377	stainless steel	4M
T.250.280.1710.A	25,0	2,80	171,0	0,1238	393,4	30,816	music wire	4M
T.250.280.1710.I	25,0	2,80	171,0	0,1064	401,0	27,377	stainless steel	4M
T.250.280.1990.A	25,0	2,80	199,0	0,1018	469,5	30,816	music wire	4M
T.250.280.1990.I	25,0	2,80	199,0	0,0874	478,8	27,377	stainless steel	4M
T.250.280.2000.A	25,0	2,80	200,0	0,1012	472,2	30,816	music wire	4M
T.250.280.2000.I	25,0	2,80	200,0	0,0869	481,6	27,377	stainless steel	4M
T.250.280.2270.A	25,0	2,80	227,0	0,0864	545,6	30,816	music wire	4M
T.250.280.2270.I	25,0	2,80	227,0	0,0742	556,6	27,377	stainless steel	4M
T.250.280.3600.A	25,0	2,80	360,0	0,0503	907,2	30,816	music wire	4N
T.250.280.3600.I	25,0	2,80	360,0	0,0432	926,0	27,377	stainless steel	4N
T.250.360.0681.A	25,0	3,60	68,1	2,1749	92,6	61,213	music wire	5C
T.250.360.0681.I	25,0	3,60	68,1	1,8680	93,6	54,906	stainless steel	5C
T.250.360.1220.A	25,0	3,60	122,0	0,7591	192,1	61,213	music wire	5C
T.250.360.1220.I	25,0	3,60	122,0	0,6520	195,2	54,906	stainless steel	5C
T.250.360.1760.A	25,0	3,60	176,0	0,4595	291,8	61,213	music wire	5C
T.250.360.1760.I	25,0	3,60	176,0	0,3946	296,9	54,906	stainless steel	5C
T.250.360.1850.A	25,0	3,60	185,0	0,4311	310,2	62,097	music wire	5C
T.250.360.1850.I	25,0	3,60	185,0	0,3703	308,0	52,710	stainless steel	5C
T.250.360.2480.A	25,0	3,60	248,0	0,3010	424,8	61,213	music wire	5C
T.250.360.2480.I	25,0	3,60	248,0	0,2586	432,6	54,906	stainless steel	5D
T.250.360.2720.A	25,0	3,60	272,0	0,2699	472,0	62,097	music wire	5C
T.250.360.2720.I	25,0	3,60	272,0	0,2318	468,4	52,710	stainless steel	5D
T.250.380.1905.A	25,0	3,80	190,5	0,5574	302,0	71,922	music wire	5C
T.250.380.1905.I	25,0	3,80	190,5	0,4787	300,1	61,135	stainless steel	5C
T.250.400.0760.A	25,0	4,00	76,0	2,9643	99,9	82,624	music wire	5C
T.250.400.0760.I	25,0	4,00	76,0	2,5460	99,6	70,328	stainless steel	5C
T.250.400.1030.A	25,0	4,00	103,0	1,7383	143,8	82,624	music wire	5C
T.250.400.1030.I	25,0	4,00	103,0	1,4931	143,2	70,328	stainless steel	5C
T.250.400.1170.A	25,0	4,00	117,0	1,4223	166,9	82,624	music wire	5C
T.250.400.1170.I	25,0	4,00	117,0	1,2216	166,1	70,328	stainless steel	5D
T.250.400.1730.A	25,0	4,00	173,0	0,8332	258,2	82,624	music wire	5C
T.250.400.1730.I	25,0	4,00	173,0	0,7156	256,8	70,328	stainless steel	5D
T.250.400.2150.A	25,0	4,00	215,0	0,6371	326,4	82,624	music wire	5C
T.250.400.2150.I	25,0	4,00	215,0	0,5472	324,6	70,328	stainless steel	5D
T.250.450.1143.A	25,0	4,50	114,3	2,8029	148,5	113,313	music wire	5D
T.250.450.1143.I	25,0	4,50	114,3	2,4074	148,1	96,762	stainless steel	5E
T.250.450.1397.A	25,0	4,50	139,7	2,1175	185,0	113,313	music wire	5D
T.250.450.1397.I	25,0	4,50	139,7	1,8187	184,4	96,762	stainless steel	5E
T.250.450.1550.A	25,0	4,50	155,0	1,8414	206,2	111,337	music wire	5D
T.250.450.1550.I	25,0	4,50	155,0	1,5816	208,9	100,794	stainless steel	5E
T.250.450.1820.A	25,0	4,50	182,0	1,4997	244,8	111,337	music wire	5D
T.250.450.1820.I	25,0	4,50	182,0	1,2881	248,2	100,794	stainless steel	5E
T.250.450.2140.A	25,0	4,50	214,0	1,2293	290,6	111,337	music wire	5D
T.250.450.2140.I	25,0	4,50	214,0	1,0559	294,8	100,794	stainless steel	5E
T.250.450.2286.A	25,0	4,50	228,6	1,1356	313,0	113,313	music wire	5D
T.250.450.2286.I	25,0	4,50	228,6	0,9754	311,9	96,762	stainless steel	5E
T.250.450.2410.A	25,0	4,50	241,0	1,0670	329,3	111,337	music wire	5D
T.250.450.2410.I	25,0	4,50	241,0	0,9165	334,1	100,794	stainless steel	5E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.250.450.2540.A	25,0	4,50	254,0	1,0039	349,5	113,313	music wire	5D
T.250.450.2540.I	25,0	4,50	254,0	0,8623	348,2	96,762	stainless steel	5E
T.250.450.2720.A	25,0	4,50	272,0	0,9266	373,7	111,337	music wire	5D
T.250.450.2720.I	25,0	4,50	272,0	0,7958	379,2	100,794	stainless steel	5E
T.250.450.3080.A	25,0	4,50	308,0	0,8037	425,2	111,337	music wire	5D
T.250.450.3080.I	25,0	4,50	308,0	0,6903	431,5	100,794	stainless steel	5E
T.250.450.3440.A	25,0	4,50	344,0	0,7100	476,8	111,337	music wire	5E
T.250.450.3440.I	25,0	4,50	344,0	0,6100	483,9	100,794	stainless steel	5E
T.250.500.0790.A	25,0	5,00	79,0	9,0443	92,5	146,872	music wire	5E
T.250.500.0790.I	25,0	5,00	79,0	7,7681	93,3	133,584	stainless steel	5F
T.250.500.1090.A	25,0	5,00	109,0	5,3777	131,8	146,872	music wire	5E
T.250.500.1090.I	25,0	5,00	109,0	4,6189	133,1	133,584	stainless steel	5F
T.250.500.1540.A	25,0	5,00	154,0	3,3441	190,6	146,872	music wire	5E
T.250.500.1540.I	25,0	5,00	154,0	2,8722	192,8	133,584	stainless steel	5G
T.254.160.0635.A	25,4	1,60	63,5	0,0453	199,0	6,404	music wire	4I
T.254.160.0635.I	25,4	1,60	63,5	0,0389	201,1	5,584	stainless steel	4I
T.254.160.0640.A	25,4	1,60	64,0	0,0440	203,4	6,404	music wire	4I
T.254.160.0640.I	25,4	1,60	64,0	0,0378	205,5	5,584	stainless steel	4I
T.254.160.0698.A	25,4	1,60	69,8	0,0333	254,1	6,404	music wire	4I
T.254.160.0698.I	25,4	1,60	69,8	0,0286	256,9	5,584	stainless steel	4I
T.254.160.0700.A	25,4	1,60	70,0	0,0330	255,8	6,404	music wire	4I
T.254.160.0700.I	25,4	1,60	70,0	0,0284	258,7	5,584	stainless steel	4I
T.254.160.0760.A	25,4	1,60	76,0	0,0264	308,3	6,404	music wire	4I
T.254.160.0760.I	25,4	1,60	76,0	0,0227	311,9	5,584	stainless steel	4I
T.254.160.0762.A	25,4	1,60	76,2	0,0262	310,0	6,404	music wire	4I
T.254.160.0762.I	25,4	1,60	76,2	0,0225	313,6	5,584	stainless steel	4I
T.254.160.0826.A	25,4	1,60	82,6	0,0217	366,0	6,404	music wire	4I
T.254.160.0826.I	25,4	1,60	82,6	0,0186	370,3	5,584	stainless steel	4I
T.254.160.0830.A	25,4	1,60	83,0	0,0214	369,5	6,404	music wire	4I
T.254.160.0830.I	25,4	1,60	83,0	0,0184	373,9	5,584	stainless steel	4I
T.254.160.0890.A	25,4	1,60	89,0	0,0184	422,0	6,404	music wire	4I
T.254.160.0890.I	25,4	1,60	89,0	0,0158	427,1	5,584	stainless steel	4I
T.254.190.0635.A	25,4	1,90	63,5	0,1056	155,3	10,356	music wire	4J
T.254.190.0635.I	25,4	1,90	63,5	0,0907	157,2	9,080	stainless steel	4J
T.254.190.0640.A	25,4	1,90	64,0	0,1028	158,3	10,356	music wire	4J
T.254.190.0640.I	25,4	1,90	64,0	0,0883	160,3	9,080	stainless steel	4J
T.254.190.0698.A	25,4	1,90	69,8	0,0787	193,1	10,356	music wire	4J
T.254.190.0698.I	25,4	1,90	69,8	0,0676	195,6	9,080	stainless steel	4J
T.254.190.0700.A	25,4	1,90	70,0	0,0781	194,3	10,356	music wire	4J
T.254.190.0700.I	25,4	1,90	70,0	0,0670	196,8	9,080	stainless steel	4J
T.254.190.0760.A	25,4	1,90	76,0	0,0629	230,2	10,356	music wire	4J
T.254.190.0760.I	25,4	1,90	76,0	0,0540	233,4	9,080	stainless steel	4J
T.254.190.0762.A	25,4	1,90	76,2	0,0625	231,4	10,356	music wire	4J
T.254.190.0762.I	25,4	1,90	76,2	0,0537	234,6	9,080	stainless steel	4J
T.254.190.0889.A	25,4	1,90	88,9	0,0444	307,5	10,356	music wire	4J
T.254.190.0889.I	25,4	1,90	88,9	0,0381	312,0	9,080	stainless steel	4J
T.254.190.0890.A	25,4	1,90	89,0	0,0443	308,1	10,356	music wire	4J
T.254.190.0890.I	25,4	1,90	89,0	0,0380	312,6	9,080	stainless steel	4J
T.254.190.1016.A	25,4	1,90	101,6	0,0344	383,6	10,356	music wire	4J
T.254.190.1016.I	25,4	1,90	101,6	0,0295	389,4	9,080	stainless steel	4J

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.190.1020.A	25,4	1,90	102,0	0,0342	386,0	10,356	music wire	4J
T.254.190.1020.I	25,4	1,90	102,0	0,0293	391,8	9,080	stainless steel	4J
T.254.190.1143.A	25,4	1,90	114,3	0,0281	459,6	10,356	music wire	4J
T.254.190.1143.I	25,4	1,90	114,3	0,0241	466,8	9,080	stainless steel	4J
T.254.190.1150.A	25,4	1,90	115,0	0,0278	463,8	10,356	music wire	4J
T.254.190.1150.I	25,4	1,90	115,0	0,0239	471,1	9,080	stainless steel	4J
T.254.190.1270.A	25,4	1,90	127,0	0,0237	535,7	10,356	music wire	4J
T.254.190.1270.I	25,4	1,90	127,0	0,0204	544,2	9,080	stainless steel	4J
T.254.200.2150.A	25,4	2,00	215,0	0,0149	958,9	11,949	music wire	4M
T.254.200.2150.I	25,4	2,00	215,0	0,0128	975,6	10,494	stainless steel	4M
T.254.220.0635.A	25,4	2,20	63,5	0,2179	129,3	15,579	music wire	4L
T.254.220.0635.I	25,4	2,20	63,5	0,1871	131,0	13,724	stainless steel	4L
T.254.220.0640.A	25,4	2,20	64,0	0,2124	131,5	15,579	music wire	4L
T.254.220.0640.I	25,4	2,20	64,0	0,1824	133,2	13,724	stainless steel	4L
T.254.220.0698.A	25,4	2,20	69,8	0,1642	157,1	15,579	music wire	4L
T.254.220.0698.I	25,4	2,20	69,8	0,1411	159,3	13,724	stainless steel	4L
T.254.220.0700.A	25,4	2,20	70,0	0,1630	158,0	15,579	music wire	4L
T.254.220.0700.I	25,4	2,20	70,0	0,1400	160,2	13,724	stainless steel	4L
T.254.220.0760.A	25,4	2,20	76,0	0,1322	184,4	15,579	music wire	4L
T.254.220.0760.I	25,4	2,20	76,0	0,1136	187,2	13,724	stainless steel	4L
T.254.220.0762.A	25,4	2,20	76,2	0,1314	185,3	15,579	music wire	4L
T.254.220.0762.I	25,4	2,20	76,2	0,1129	188,1	13,724	stainless steel	4L
T.254.220.0889.A	25,4	2,20	88,9	0,0941	241,3	15,579	music wire	4L
T.254.220.0889.I	25,4	2,20	88,9	0,0808	245,2	13,724	stainless steel	4L
T.254.220.0890.A	25,4	2,20	89,0	0,0939	241,7	15,579	music wire	4L
T.254.220.0890.I	25,4	2,20	89,0	0,0806	245,6	13,724	stainless steel	4L
T.254.220.1016.A	25,4	2,20	101,6	0,0733	297,3	15,579	music wire	4L
T.254.220.1016.I	25,4	2,20	101,6	0,0629	302,3	13,724	stainless steel	4L
T.254.220.1020.A	25,4	2,20	102,0	0,0727	299,0	15,579	music wire	4L
T.254.220.1020.I	25,4	2,20	102,0	0,0625	304,1	13,724	stainless steel	4L
T.254.220.1143.A	25,4	2,20	114,3	0,0600	353,3	15,579	music wire	4L
T.254.220.1143.I	25,4	2,20	114,3	0,0515	359,4	13,724	stainless steel	4L
T.254.220.1150.A	25,4	2,20	115,0	0,0594	356,4	15,579	music wire	4L
T.254.220.1150.I	25,4	2,20	115,0	0,0510	362,6	13,724	stainless steel	4L
T.254.220.1270.A	25,4	2,20	127,0	0,0508	409,3	15,579	music wire	4L
T.254.220.1270.I	25,4	2,20	127,0	0,0436	416,5	13,724	stainless steel	4M
T.254.230.2150.A	25,4	2,30	215,0	0,0311	733,9	17,626	music wire	4M
T.254.230.2150.I	25,4	2,30	215,0	0,0267	748,0	15,551	stainless steel	4M
T.254.240.0635.A	25,4	2,40	63,5	0,3350	117,4	19,833	music wire	4L
T.254.240.0635.I	25,4	2,40	63,5	0,2878	119,0	17,524	stainless steel	4L
T.254.240.0698.A	25,4	2,40	69,8	0,2545	140,8	19,833	music wire	4L
T.254.240.0698.I	25,4	2,40	69,8	0,2186	142,8	17,524	stainless steel	4L
T.254.240.0700.A	25,4	2,40	70,0	0,2525	141,5	19,833	music wire	4L
T.254.240.0700.I	25,4	2,40	70,0	0,2169	143,6	17,524	stainless steel	4L
T.254.240.0760.A	25,4	2,40	76,0	0,2058	163,8	19,833	music wire	4L
T.254.240.0760.I	25,4	2,40	76,0	0,1767	166,3	17,524	stainless steel	4L
T.254.240.0762.A	25,4	2,40	76,2	0,2045	164,5	19,833	music wire	4L
T.254.240.0762.I	25,4	2,40	76,2	0,1757	167,1	17,524	stainless steel	4L
T.254.240.0889.A	25,4	2,40	88,9	0,1472	211,6	19,833	music wire	4L
T.254.240.0889.I	25,4	2,40	88,9	0,1264	215,2	17,524	stainless steel	4L



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.240.0890.A	25,4	2,40	89,0	0,1469	212,0	19,833	music wire	4L
T.254.240.0890.I	25,4	2,40	89,0	0,1261	215,5	17,524	stainless steel	4L
T.254.240.1016.A	25,4	2,40	101,6	0,1150	258,7	19,833	music wire	4L
T.254.240.1016.I	25,4	2,40	101,6	0,0987	263,3	17,524	stainless steel	4L
T.254.240.1020.A	25,4	2,40	102,0	0,1142	260,2	19,833	music wire	4L
T.254.240.1020.I	25,4	2,40	102,0	0,0981	264,8	17,524	stainless steel	4L
T.254.240.1143.A	25,4	2,40	114,3	0,0943	305,9	19,833	music wire	4L
T.254.240.1143.I	25,4	2,40	114,3	0,0810	311,4	17,524	stainless steel	4L
T.254.240.1150.A	25,4	2,40	115,0	0,0934	308,5	19,833	music wire	4L
T.254.240.1150.I	25,4	2,40	115,0	0,0800	314,0	17,524	stainless steel	4L
T.254.240.1200.A	25,4	2,40	120,0	0,0873	327,0	19,833	music wire	4L
T.254.240.1200.I	25,4	2,40	120,0	0,0750	332,9	17,524	stainless steel	4L
T.254.240.1270.A	25,4	2,40	127,0	0,0800	353,0	19,833	music wire	4L
T.254.240.1270.I	25,4	2,40	127,0	0,0687	359,5	17,524	stainless steel	4M
T.254.240.1397.A	25,4	2,40	139,7	0,0694	400,1	19,833	music wire	4L
T.254.240.1397.I	25,4	2,40	139,7	0,0596	407,6	17,524	stainless steel	4M
T.254.240.1400.A	25,4	2,40	140,0	0,0692	401,2	19,833	music wire	4L
T.254.240.1400.I	25,4	2,40	140,0	0,0594	408,7	17,524	stainless steel	4M
T.254.240.1520.A	25,4	2,40	152,0	0,0615	445,7	19,833	music wire	4M
T.254.240.1520.I	25,4	2,40	152,0	0,0528	454,1	17,524	stainless steel	4M
T.254.240.1524.A	25,4	2,40	152,4	0,0613	447,2	19,833	music wire	4M
T.254.240.1524.I	25,4	2,40	152,4	0,0526	455,7	17,524	stainless steel	4M
T.254.240.1650.A	25,4	2,40	165,0	0,0549	493,9	19,833	music wire	4M
T.254.240.1650.I	25,4	2,40	165,0	0,0472	503,4	17,524	stainless steel	4M
T.254.240.1651.A	25,4	2,40	165,1	0,0549	494,3	19,833	music wire	4M
T.254.240.1651.I	25,4	2,40	165,1	0,0471	503,8	17,524	stainless steel	4M
T.254.240.1778.A	25,4	2,40	177,8	0,0497	541,4	19,833	music wire	4M
T.254.240.1778.I	25,4	2,40	177,8	0,0427	551,9	17,524	stainless steel	4M
T.254.240.1780.A	25,4	2,40	178,0	0,0496	542,2	19,833	music wire	4M
T.254.240.1780.I	25,4	2,40	178,0	0,0426	552,6	17,524	stainless steel	4M
T.254.240.2030.A	25,4	2,40	203,0	0,0418	634,9	19,833	music wire	4M
T.254.240.2030.I	25,4	2,40	203,0	0,0359	647,3	17,524	stainless steel	4M
T.254.240.2032.A	25,4	2,40	203,2	0,0418	635,6	19,833	music wire	4M
T.254.240.2032.I	25,4	2,40	203,2	0,0359	648,0	17,524	stainless steel	4M
T.254.240.2286.A	25,4	2,40	228,6	0,0360	729,9	19,833	music wire	4M
T.254.240.2286.I	25,4	2,40	228,6	0,0310	744,2	17,524	stainless steel	4M
T.254.240.2290.A	25,4	2,40	229,0	0,0360	731,3	19,833	music wire	4M
T.254.240.2290.I	25,4	2,40	229,0	0,0309	745,8	17,524	stainless steel	4M
T.254.250.0635.A	25,4	2,50	63,5	0,4100	112,6	22,206	music wire	4L
T.254.250.0635.I	25,4	2,50	63,5	0,3522	114,1	19,648	stainless steel	4L
T.254.250.0698.A	25,4	2,50	69,8	0,3126	134,2	22,206	music wire	4L
T.254.250.0698.I	25,4	2,50	69,8	0,2685	136,1	19,648	stainless steel	4L
T.254.250.0762.A	25,4	2,50	76,2	0,2518	156,2	22,206	music wire	4L
T.254.250.0762.I	25,4	2,50	76,2	0,2163	158,6	19,648	stainless steel	4L
T.254.250.0889.A	25,4	2,50	88,9	0,1817	199,7	22,206	music wire	4L
T.254.250.0889.I	25,4	2,50	88,9	0,1560	203,1	19,648	stainless steel	4L
T.254.250.1016.A	25,4	2,50	101,6	0,1421	243,3	22,206	music wire	4L
T.254.250.1016.I	25,4	2,50	101,6	0,1220	247,6	19,648	stainless steel	4L
T.254.250.1143.A	25,4	2,50	114,3	0,1167	286,8	22,206	music wire	4L
T.254.250.1143.I	25,4	2,50	114,3	0,1000	292,0	19,648	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.250.1270.A	25,4	2,50	127,0	0,0990	330,4	22,206	music wire	4M
T.254.250.1270.I	25,4	2,50	127,0	0,0850	336,5	19,648	stainless steel	4M
T.254.250.1397.A	25,4	2,50	139,7	0,0859	374,0	22,206	music wire	4M
T.254.250.1397.I	25,4	2,50	139,7	0,0738	381,0	19,648	stainless steel	4M
T.254.250.1524.A	25,4	2,50	152,4	0,0759	417,5	22,206	music wire	4M
T.254.250.1524.I	25,4	2,50	152,4	0,0652	425,5	19,648	stainless steel	4M
T.254.250.1651.A	25,4	2,50	165,1	0,0680	461,1	22,206	music wire	4M
T.254.250.1651.I	25,4	2,50	165,1	0,0584	470,0	19,648	stainless steel	4M
T.254.250.1778.A	25,4	2,50	177,8	0,0616	504,7	22,206	music wire	4M
T.254.250.1778.I	25,4	2,50	177,8	0,0529	514,5	19,648	stainless steel	4M
T.254.250.2032.A	25,4	2,50	203,2	0,0518	591,8	22,206	music wire	4M
T.254.250.2032.I	25,4	2,50	203,2	0,0445	603,5	19,648	stainless steel	4M
T.254.250.2286.A	25,4	2,50	228,6	0,0447	678,9	22,206	music wire	4M
T.254.250.2286.I	25,4	2,50	228,6	0,0384	692,5	19,648	stainless steel	4M
T.254.270.0640.A	25,4	2,70	64,0	0,5867	106,1	27,464	music wire	4L
T.254.270.0640.I	25,4	2,70	64,0	0,5039	107,5	24,367	stainless steel	4L
T.254.270.0700.A	25,4	2,70	70,0	0,4578	123,9	27,464	music wire	4L
T.254.270.0700.I	25,4	2,70	70,0	0,3932	125,7	24,367	stainless steel	4L
T.254.270.0760.A	25,4	2,70	76,0	0,3753	141,8	27,464	music wire	4L
T.254.270.0760.I	25,4	2,70	76,0	0,3223	144,0	24,367	stainless steel	4L
T.254.270.0890.A	25,4	2,70	89,0	0,2699	180,5	27,464	music wire	4L
T.254.270.0890.I	25,4	2,70	89,0	0,2318	183,5	24,367	stainless steel	4L
T.254.270.0980.A	25,4	2,70	98,0	0,2260	207,2	27,464	music wire	4L
T.254.270.0980.I	25,4	2,70	98,0	0,1941	210,8	24,367	stainless steel	4L
T.254.270.1020.A	25,4	2,70	102,0	0,2107	219,1	27,464	music wire	4L
T.254.270.1020.I	25,4	2,70	102,0	0,1810	223,0	24,367	stainless steel	4M
T.254.270.1060.A	25,4	2,70	106,0	0,1974	231,0	27,464	music wire	4L
T.254.270.1060.I	25,4	2,70	106,0	0,1696	235,2	24,367	stainless steel	4M
T.254.270.1150.A	25,4	2,70	115,0	0,1729	257,8	27,464	music wire	4L
T.254.270.1150.I	25,4	2,70	115,0	0,1485	262,5	24,367	stainless steel	4M
T.254.270.1270.A	25,4	2,70	127,0	0,1482	293,5	27,464	music wire	4M
T.254.270.1270.I	25,4	2,70	127,0	0,1273	299,0	24,367	stainless steel	4M
T.254.270.1400.A	25,4	2,70	140,0	0,1284	332,2	27,464	music wire	4M
T.254.270.1400.I	25,4	2,70	140,0	0,1100	338,5	24,367	stainless steel	4M
T.254.270.1520.A	25,4	2,70	152,0	0,1143	367,9	27,464	music wire	4M
T.254.270.1520.I	25,4	2,70	152,0	0,0982	375,0	24,367	stainless steel	4M
T.254.270.1650.A	25,4	2,70	165,0	0,1022	406,6	27,464	music wire	4M
T.254.270.1650.I	25,4	2,70	165,0	0,0878	414,6	24,367	stainless steel	4M
T.254.270.1780.A	25,4	2,70	178,0	0,0924	445,3	27,464	music wire	4M
T.254.270.1780.I	25,4	2,70	178,0	0,0793	454,1	24,367	stainless steel	4M
T.254.270.1900.A	25,4	2,70	190,0	0,0848	481,0	27,464	music wire	4M
T.254.270.1900.I	25,4	2,70	190,0	0,0729	490,6	24,367	stainless steel	4M
T.254.270.2030.A	25,4	2,70	203,0	0,0780	519,7	27,464	music wire	4M
T.254.270.2030.I	25,4	2,70	203,0	0,0670	530,1	24,367	stainless steel	4M
T.254.270.3050.A	25,4	2,70	305,0	0,0476	823,1	27,464	music wire	4N
T.254.270.3050.I	25,4	2,70	305,0	0,0409	840,2	24,367	stainless steel	4N
T.254.290.1170.A	25,4	2,90	117,0	0,2449	238,7	33,433	music wire	4M
T.254.290.1170.I	25,4	2,90	117,0	0,2100	243,1	29,741	stainless steel	4M
T.254.290.1850.A	25,4	2,90	185,0	0,1284	417,3	33,433	music wire	4M
T.254.290.1850.I	25,4	2,90	185,0	0,1100	425,6	29,741	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.300.0635.A	25,4	3,00	63,5	1,0150	95,6	36,694	music wire	4L
T.254.300.0635.I	25,4	3,00	63,5	0,8718	96,8	32,682	stainless steel	4L
T.254.300.0698.A	25,4	3,00	69,8	0,7866	111,2	36,694	music wire	4L
T.254.300.0698.I	25,4	3,00	69,8	0,6756	112,8	32,682	stainless steel	4L
T.254.300.0762.A	25,4	3,00	76,2	0,6403	127,1	36,694	music wire	4L
T.254.300.0762.I	25,4	3,00	76,2	0,5499	129,0	32,682	stainless steel	4L
T.254.300.0889.A	25,4	3,00	88,9	0,4676	158,6	36,694	music wire	4L
T.254.300.0889.I	25,4	3,00	88,9	0,4017	161,2	32,682	stainless steel	4M
T.254.300.1016.A	25,4	3,00	101,6	0,3683	190,1	36,694	music wire	4M
T.254.300.1016.I	25,4	3,00	101,6	0,3164	193,4	32,682	stainless steel	4M
T.254.300.1020.A	25,4	3,00	102,0	0,3659	191,1	36,694	music wire	4M
T.254.300.1020.I	25,4	3,00	102,0	0,3142	194,4	32,682	stainless steel	4M
T.254.300.1143.A	25,4	3,00	114,3	0,3038	221,6	36,694	music wire	4M
T.254.300.1143.I	25,4	3,00	114,3	0,2609	225,6	32,682	stainless steel	4M
T.254.300.1270.A	25,4	3,00	127,0	0,2585	253,1	36,694	music wire	4M
T.254.300.1270.I	25,4	3,00	127,0	0,2220	257,8	32,682	stainless steel	4M
T.254.300.1397.A	25,4	3,00	139,7	0,2250	284,6	36,694	music wire	4M
T.254.300.1397.I	25,4	3,00	139,7	0,1932	290,0	32,682	stainless steel	4M
T.254.300.1524.A	25,4	3,00	152,4	0,1991	316,1	36,694	music wire	4M
T.254.300.1524.I	25,4	3,00	152,4	0,1710	322,2	32,682	stainless steel	4M
T.254.300.1651.A	25,4	3,00	165,1	0,1786	347,6	36,694	music wire	4M
T.254.300.1651.I	25,4	3,00	165,1	0,1534	354,4	32,682	stainless steel	4M
T.254.300.1778.A	25,4	3,00	177,8	0,1620	379,1	36,694	music wire	4M
T.254.300.1778.I	25,4	3,00	177,8	0,1391	386,6	32,682	stainless steel	4M
T.254.300.2032.A	25,4	3,00	203,2	0,1365	442,1	36,694	music wire	4M
T.254.300.2032.I	25,4	3,00	203,2	0,1172	450,9	32,682	stainless steel	4M
T.254.300.2286.A	25,4	3,00	228,6	0,1179	505,1	36,694	music wire	4M
T.254.300.2286.I	25,4	3,00	228,6	0,1013	515,3	32,682	stainless steel	4M
T.254.300.2290.A	25,4	3,00	229,0	0,1177	506,1	36,694	music wire	4M
T.254.300.2290.I	25,4	3,00	229,0	0,1011	516,3	32,682	stainless steel	4M
T.254.300.3050.A	25,4	3,00	305,0	0,0837	694,6	36,694	music wire	4N
T.254.300.3050.I	25,4	3,00	305,0	0,0719	709,0	32,682	stainless steel	4N
T.254.320.0640.A	25,4	3,20	64,0	1,3703	92,2	43,785	music wire	4L
T.254.320.0640.I	25,4	3,20	64,0	1,1770	93,3	39,094	stainless steel	4M
T.254.320.0700.A	25,4	3,20	70,0	1,0848	105,6	43,785	music wire	4M
T.254.320.0700.I	25,4	3,20	70,0	0,9318	107,0	39,094	stainless steel	4M
T.254.320.0760.A	25,4	3,20	76,0	0,9000	119,0	43,785	music wire	4M
T.254.320.0760.I	25,4	3,20	76,0	0,7711	120,7	39,094	stainless steel	4M
T.254.320.0890.A	25,4	3,20	89,0	0,6536	148,1	43,785	music wire	4M
T.254.320.0890.I	25,4	3,20	89,0	0,5614	150,4	39,094	stainless steel	4M
T.254.320.1020.A	25,4	3,20	102,0	0,5139	177,2	43,785	music wire	4M
T.254.320.1020.I	25,4	3,20	102,0	0,4414	180,1	39,094	stainless steel	4M
T.254.320.1150.A	25,4	3,20	115,0	0,4234	206,2	43,785	music wire	4M
T.254.320.1150.I	25,4	3,20	115,0	0,3636	209,9	39,094	stainless steel	4M
T.254.320.1270.A	25,4	3,20	127,0	0,3641	233,1	43,785	music wire	4M
T.254.320.1270.I	25,4	3,20	127,0	0,3128	237,3	39,094	stainless steel	4M
T.254.320.1400.A	25,4	3,20	140,0	0,3162	262,2	43,785	music wire	4M
T.254.320.1400.I	25,4	3,20	140,0	0,2716	267,0	39,094	stainless steel	4M
T.254.320.1520.A	25,4	3,20	152,0	0,2820	289,0	43,785	music wire	4M
T.254.320.1520.I	25,4	3,20	152,0	0,2422	294,4	39,094	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.320.1650.A	25,4	3,20	165,0	0,2524	318,1	43,785	music wire	4M
T.254.320.1650.I	25,4	3,20	165,0	0,2168	324,1	39,094	stainless steel	4M
T.254.320.1780.A	25,4	3,20	178,0	0,2284	347,1	43,785	music wire	4M
T.254.320.1780.I	25,4	3,20	178,0	0,1962	353,8	39,094	stainless steel	4M
T.254.320.2030.A	25,4	3,20	203,0	0,1931	403,0	43,785	music wire	4M
T.254.320.2030.I	25,4	3,20	203,0	0,1659	411,0	39,094	stainless steel	4M
T.254.320.2130.A	25,4	3,20	213,0	0,1819	425,4	43,785	music wire	4M
T.254.320.2130.I	25,4	3,20	213,0	0,1562	433,8	39,094	stainless steel	4N
T.254.320.2290.A	25,4	3,20	229,0	0,1664	461,2	43,785	music wire	4N
T.254.320.2290.I	25,4	3,20	229,0	0,1429	470,4	39,094	stainless steel	4N
T.254.320.3330.A	25,4	3,20	333,0	0,1071	693,8	43,785	music wire	4N
T.254.320.3330.I	25,4	3,20	333,0	0,0920	708,0	39,094	stainless steel	4N
T.254.340.0700.A	25,4	3,40	70,0	1,4786	100,6	51,658	music wire	4M
T.254.340.0700.I	25,4	3,40	70,0	1,2700	101,9	46,231	stainless steel	4M
T.254.340.0760.A	25,4	3,40	76,0	1,2280	112,9	51,658	music wire	4M
T.254.340.0760.I	25,4	3,40	76,0	1,0547	114,4	46,231	stainless steel	4M
T.254.340.2410.A	25,4	3,40	241,0	0,2169	449,7	51,658	music wire	4N
T.254.340.2410.I	25,4	3,40	241,0	0,1863	458,5	46,231	stainless steel	4N
T.254.340.4200.A	25,4	3,40	420,0	0,1146	815,1	51,658	music wire	4O
T.254.340.4200.I	25,4	3,40	420,0	0,0984	831,7	46,231	stainless steel	4O
T.254.360.0635.A	25,4	3,60	63,5	2,5301	84,3	60,335	music wire	5C
T.254.360.0635.I	25,4	3,60	63,5	2,1731	85,2	54,118	stainless steel	5C
T.254.360.0698.A	25,4	3,60	69,8	1,9952	96,1	60,335	music wire	5C
T.254.360.0698.I	25,4	3,60	69,8	1,7137	97,3	54,118	stainless steel	5C
T.254.360.0762.A	25,4	3,60	76,2	1,6425	108,2	60,335	music wire	5C
T.254.360.0762.I	25,4	3,60	76,2	1,4107	109,6	54,118	stainless steel	5C
T.254.360.0889.A	25,4	3,60	88,9	1,2159	132,1	60,335	music wire	5C
T.254.360.0889.I	25,4	3,60	88,9	1,0443	134,0	54,118	stainless steel	5C
T.254.360.1016.A	25,4	3,60	101,6	0,9652	156,0	60,335	music wire	5C
T.254.360.1016.I	25,4	3,60	101,6	0,8290	158,4	54,118	stainless steel	5C
T.254.360.1050.A	25,4	3,60	105,0	0,9147	162,4	60,335	music wire	5C
T.254.360.1050.I	25,4	3,60	105,0	0,7857	165,0	54,118	stainless steel	5C
T.254.360.1143.A	25,4	3,60	114,3	0,8000	180,0	60,335	music wire	5C
T.254.360.1143.I	25,4	3,60	114,3	0,6873	182,9	54,118	stainless steel	5C
T.254.360.1270.A	25,4	3,60	127,0	0,6834	203,9	60,335	music wire	5C
T.254.360.1270.I	25,4	3,60	127,0	0,5870	207,3	54,118	stainless steel	5C
T.254.360.1397.A	25,4	3,60	139,7	0,5964	227,8	60,335	music wire	5C
T.254.360.1397.I	25,4	3,60	139,7	0,5122	231,7	54,118	stainless steel	5C
T.254.360.1524.A	25,4	3,60	152,4	0,5290	251,7	60,335	music wire	5C
T.254.360.1524.I	25,4	3,60	152,4	0,4543	256,1	54,118	stainless steel	5C
T.254.360.1651.A	25,4	3,60	165,1	0,4753	275,6	60,335	music wire	5C
T.254.360.1651.I	25,4	3,60	165,1	0,4082	280,5	54,118	stainless steel	5C
T.254.360.1778.A	25,4	3,60	177,8	0,4315	299,6	60,335	music wire	5C
T.254.360.1778.I	25,4	3,60	177,8	0,3706	305,0	54,118	stainless steel	5C
T.254.360.2032.A	25,4	3,60	203,2	0,3643	347,4	60,335	music wire	5C
T.254.360.2032.I	25,4	3,60	203,2	0,3129	353,8	54,118	stainless steel	5C
T.254.360.2286.A	25,4	3,60	228,6	0,3153	395,3	60,335	music wire	5C
T.254.360.2286.I	25,4	3,60	228,6	0,2708	402,6	54,118	stainless steel	5D
T.254.380.0635.A	25,4	3,80	63,5	3,3236	81,7	69,838	music wire	5C
T.254.380.0635.I	25,4	3,80	63,5	2,8546	82,5	62,778	stainless steel	5C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.254.380.0698.A	25,4	3,80	69,8	2,6348	92,7	69,838	music wire	5C
T.254.380.0698.I	25,4	3,80	69,8	2,2630	93,8	62,778	stainless steel	5C
T.254.380.0762.A	25,4	3,80	76,2	2,1766	104,0	69,838	music wire	5C
T.254.380.0762.I	25,4	3,80	76,2	1,8695	105,3	62,778	stainless steel	5C
T.254.380.0889.A	25,4	3,80	88,9	1,6182	126,3	69,838	music wire	5C
T.254.380.0889.I	25,4	3,80	88,9	1,3898	128,0	62,778	stainless steel	5C
T.254.380.1016.A	25,4	3,80	101,6	1,2878	148,5	69,838	music wire	5C
T.254.380.1016.I	25,4	3,80	101,6	1,1060	150,7	62,778	stainless steel	5C
T.254.380.1143.A	25,4	3,80	114,3	1,0694	170,8	69,838	music wire	5C
T.254.380.1143.I	25,4	3,80	114,3	0,9185	173,5	62,778	stainless steel	5C
T.254.380.1270.A	25,4	3,80	127,0	0,9144	193,1	69,838	music wire	5C
T.254.380.1270.I	25,4	3,80	127,0	0,7853	196,2	62,778	stainless steel	5C
T.254.380.1397.A	25,4	3,80	139,7	0,8000	215,4	69,838	music wire	5C
T.254.380.1397.I	25,4	3,80	139,7	0,6859	218,9	62,778	stainless steel	5C
T.254.380.1524.A	25,4	3,80	152,4	0,7100	237,7	69,838	music wire	5C
T.254.380.1524.I	25,4	3,80	152,4	0,6100	241,6	62,778	stainless steel	5C
T.254.380.1651.A	25,4	3,80	165,1	0,6372	259,9	69,838	music wire	5C
T.254.380.1651.I	25,4	3,80	165,1	0,5473	264,4	62,778	stainless steel	5C
T.254.380.1778.A	25,4	3,80	177,8	0,5787	282,2	69,838	music wire	5C
T.254.380.1778.I	25,4	3,80	177,8	0,4971	287,1	62,778	stainless steel	5C
T.254.380.2032.A	25,4	3,80	203,2	0,4890	326,8	69,838	music wire	5C
T.254.380.2032.I	25,4	3,80	203,2	0,4200	332,6	62,778	stainless steel	5C
T.254.380.2286.A	25,4	3,80	228,6	0,4234	371,4	69,838	music wire	5C
T.254.380.2286.I	25,4	3,80	228,6	0,3636	378,0	62,778	stainless steel	5D
T.254.450.1680.A	25,4	4,50	168,0	1,5755	227,1	109,826	music wire	5D
T.254.450.1680.I	25,4	4,50	168,0	1,3532	230,3	99,426	stainless steel	5E
T.260.200.0650.A	26,0	2,00	65,0	0,1241	153,5	11,764	music wire	4L
T.260.200.0650.I	26,0	2,00	65,0	0,1066	151,0	9,849	stainless steel	4L
T.260.200.1020.A	26,0	2,00	102,0	0,0421	362,7	11,764	music wire	4L
T.260.200.1020.I	26,0	2,00	102,0	0,0362	355,4	9,849	stainless steel	4L
T.260.200.1520.A	26,0	2,00	152,0	0,0222	645,5	11,764	music wire	4L
T.260.200.1520.I	26,0	2,00	152,0	0,0191	631,6	9,849	stainless steel	4M
T.260.230.0700.A	26,0	2,30	70,0	0,1983	150,5	17,384	music wire	4L
T.260.230.0700.I	26,0	2,30	70,0	0,1703	148,4	14,598	stainless steel	4L
T.260.230.0750.A	26,0	2,30	75,0	0,1647	171,8	17,384	music wire	4L
T.260.230.0750.I	26,0	2,30	75,0	0,1415	169,3	14,598	stainless steel	4L
T.260.230.0950.A	26,0	2,30	95,0	0,0987	256,7	17,384	music wire	4L
T.260.230.0950.I	26,0	2,30	95,0	0,0848	252,5	14,598	stainless steel	4L
T.260.235.0700.A	26,0	2,35	70,0	0,2195	147,0	18,458	music wire	4L
T.260.235.0700.I	26,0	2,35	70,0	0,1885	145,0	15,507	stainless steel	4L
T.260.235.0760.A	26,0	2,35	76,0	0,1779	171,0	18,458	music wire	4L
T.260.235.0760.I	26,0	2,35	76,0	0,1528	168,5	15,507	stainless steel	4L
T.260.235.0830.A	26,0	2,35	83,0	0,1450	199,5	18,458	music wire	4L
T.260.235.0830.I	26,0	2,35	83,0	0,1245	196,6	15,507	stainless steel	4L
T.260.235.0850.A	26,0	2,35	85,0	0,1382	207,3	18,458	music wire	4L
T.260.235.0850.I	26,0	2,35	85,0	0,1187	204,2	15,507	stainless steel	4L
T.260.235.0890.A	26,0	2,35	89,0	0,1256	223,5	18,458	music wire	4L
T.260.235.0890.I	26,0	2,35	89,0	0,1079	220,1	15,507	stainless steel	4L
T.260.235.1020.A	26,0	2,35	102,0	0,0967	276,8	18,458	music wire	4L
T.260.235.1020.I	26,0	2,35	102,0	0,0830	272,3	15,507	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.260.235.1040.A	26,0	2,35	104,0	0,0936	284,6	18,458	music wire	4L
T.260.235.1040.I	26,0	2,35	104,0	0,0804	280,0	15,507	stainless steel	4L
T.260.235.1150.A	26,0	2,35	115,0	0,0788	329,4	18,458	music wire	4L
T.260.235.1150.I	26,0	2,35	115,0	0,0677	323,9	15,507	stainless steel	4L
T.260.235.1480.A	26,0	2,35	148,0	0,0535	463,8	18,458	music wire	4M
T.260.235.1480.I	26,0	2,35	148,0	0,0460	455,7	15,507	stainless steel	4M
T.260.235.1520.A	26,0	2,35	152,0	0,0515	480,1	18,458	music wire	4M
T.260.235.1520.I	26,0	2,35	152,0	0,0442	471,7	15,507	stainless steel	4M
T.260.235.1850.A	26,0	2,35	185,0	0,0394	613,8	18,458	music wire	4M
T.260.235.1850.I	26,0	2,35	185,0	0,0338	602,8	15,507	stainless steel	4M
T.260.235.2220.A	26,0	2,35	222,0	0,0312	763,7	18,458	music wire	4M
T.260.235.2220.I	26,0	2,35	222,0	0,0268	749,9	15,507	stainless steel	4M
T.260.240.0670.A	26,0	2,40	67,0	0,2765	131,6	19,572	music wire	4L
T.260.240.0670.I	26,0	2,40	67,0	0,2375	130,0	16,451	stainless steel	4L
T.260.240.0750.A	26,0	2,40	75,0	0,2041	162,6	19,572	music wire	4L
T.260.240.0750.I	26,0	2,40	75,0	0,1753	160,4	16,451	stainless steel	4L
T.260.240.0920.A	26,0	2,40	92,0	0,1305	228,9	19,572	music wire	4L
T.260.240.0920.I	26,0	2,40	92,0	0,1121	225,5	16,451	stainless steel	4L
T.260.240.1110.A	26,0	2,40	111,0	0,0932	302,9	19,572	music wire	4L
T.260.240.1110.I	26,0	2,40	111,0	0,0800	298,0	16,451	stainless steel	4L
T.260.250.0650.A	26,0	2,50	65,0	0,3739	118,3	21,926	music wire	4L
T.260.250.0650.I	26,0	2,50	65,0	0,3212	117,0	18,447	stainless steel	4L
T.260.250.0750.A	26,0	2,50	75,0	0,2513	154,3	21,926	music wire	4L
T.260.250.0750.I	26,0	2,50	75,0	0,2159	152,4	18,447	stainless steel	4L
T.260.250.0810.A	26,0	2,50	81,0	0,2100	175,9	21,926	music wire	4L
T.260.250.0810.I	26,0	2,50	81,0	0,1804	173,6	18,447	stainless steel	4L
T.260.250.0890.A	26,0	2,50	89,0	0,1723	204,7	21,926	music wire	4L
T.260.250.0890.I	26,0	2,50	89,0	0,1480	201,9	18,447	stainless steel	4L
T.260.250.1180.A	26,0	2,50	118,0	0,1043	309,1	21,926	music wire	4M
T.260.250.1180.I	26,0	2,50	118,0	0,0896	304,4	18,447	stainless steel	4M
T.260.250.1230.A	26,0	2,50	123,0	0,0977	327,1	21,926	music wire	4M
T.260.250.1230.I	26,0	2,50	123,0	0,0839	322,1	18,447	stainless steel	4M
T.260.250.1240.A	26,0	2,50	124,0	0,0964	330,7	21,926	music wire	4M
T.260.250.1240.I	26,0	2,50	124,0	0,0828	325,6	18,447	stainless steel	4M
T.260.250.1360.A	26,0	2,50	136,0	0,0838	373,9	21,926	music wire	4M
T.260.250.1360.I	26,0	2,50	136,0	0,0720	368,1	18,447	stainless steel	4M
T.260.270.0650.A	26,0	2,70	65,0	0,5487	109,6	27,148	music wire	4L
T.260.270.0650.I	26,0	2,70	65,0	0,4713	108,6	22,881	stainless steel	4L
T.260.270.0670.A	26,0	2,70	67,0	0,4977	116,2	27,148	music wire	4L
T.260.270.0670.I	26,0	2,70	67,0	0,4275	115,0	22,881	stainless steel	4L
T.260.270.0730.A	26,0	2,70	73,0	0,3963	134,7	27,148	music wire	4L
T.260.270.0730.I	26,0	2,70	73,0	0,3404	133,3	22,881	stainless steel	4L
T.260.270.0830.A	26,0	2,70	83,0	0,2952	165,9	27,148	music wire	4L
T.260.270.0830.I	26,0	2,70	83,0	0,2535	164,0	22,881	stainless steel	4L
T.260.270.0970.A	26,0	2,70	97,0	0,2173	209,6	27,148	music wire	4L
T.260.270.0970.I	26,0	2,70	97,0	0,1866	207,0	22,881	stainless steel	4L
T.260.270.1080.A	26,0	2,70	108,0	0,1806	243,5	27,148	music wire	4L
T.260.270.1080.I	26,0	2,70	108,0	0,1551	240,3	22,881	stainless steel	4M
T.260.270.1850.A	26,0	2,70	185,0	0,0818	483,9	27,148	music wire	4M
T.260.270.1850.I	26,0	2,70	185,0	0,0703	477,0	22,881	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.260.280.0700.A	26,0	2,80	70,0	0,5335	120,5	30,024	music wire	4L
T.260.280.0700.I	26,0	2,80	70,0	0,4582	119,4	25,327	stainless steel	4L
T.260.280.0760.A	26,0	2,80	76,0	0,4323	138,3	30,024	music wire	4L
T.260.280.0760.I	26,0	2,80	76,0	0,3713	136,9	25,327	stainless steel	4M
T.260.280.1380.A	26,0	2,80	138,0	0,1488	319,1	30,024	music wire	4M
T.260.280.1380.I	26,0	2,80	138,0	0,1278	315,0	25,327	stainless steel	4M
T.260.280.4200.A	26,0	2,80	420,0	0,0373	1142,3	30,024	music wire	4O
T.260.280.4200.I	26,0	2,80	420,0	0,0320	1126,0	25,327	stainless steel	4O
T.260.340.0850.A	26,0	3,40	85,0	0,9287	133,5	51,247	music wire	4M
T.260.340.0850.I	26,0	3,40	85,0	0,7976	132,6	43,436	stainless steel	4M
T.260.340.1780.A	26,0	3,40	178,0	0,2941	331,1	51,247	music wire	4M
T.260.340.1780.I	26,0	3,40	178,0	0,2526	328,2	43,436	stainless steel	4M
T.260.380.3550.A	26,0	3,80	355,0	0,2348	611,6	69,420	music wire	5D
T.260.380.3550.I	26,0	3,80	355,0	0,2016	607,3	59,008	stainless steel	5D
T.261.340.3240.A	26,1	3,40	324,0	0,1403	639,6	50,379	music wire	4N
T.261.340.3240.I	26,1	3,40	324,0	0,1205	652,8	45,086	stainless steel	4N
T.261.480.2060.A	26,1	4,80	206,0	1,5970	273,2	127,277	music wire	5D
T.261.480.2060.I	26,1	4,80	206,0	1,3717	277,1	115,551	stainless steel	5E
T.262.270.4060.A	26,2	2,70	406,0	0,0311	1178,4	26,669	music wire	4N
T.262.270.4060.I	26,2	2,70	406,0	0,0267	1203,9	23,661	stainless steel	4N
T.265.380.0635.A	26,5	3,80	63,5	3,1311	82,5	68,229	music wire	5C
T.265.380.0635.I	26,5	3,80	63,5	2,6893	82,1	57,996	stainless steel	5C
T.265.380.0680.A	26,5	3,80	68,0	2,6319	90,5	68,229	music wire	5C
T.265.380.0680.I	26,5	3,80	68,0	2,2606	90,2	57,996	stainless steel	5C
T.269.200.2150.A	26,9	2,00	215,0	0,0126	1053,9	11,304	music wire	4M
T.269.200.2150.I	26,9	2,00	215,0	0,0108	1072,8	9,927	stainless steel	4M
T.269.230.2150.A	26,9	2,30	215,0	0,0262	801,6	16,681	music wire	4M
T.269.230.2150.I	26,9	2,30	215,0	0,0225	817,6	14,717	stainless steel	4M
T.269.300.1400.A	26,9	3,00	140,0	0,1905	303,2	34,769	music wire	4M
T.269.300.1400.I	26,9	3,00	140,0	0,1636	309,2	30,968	stainless steel	4M
T.269.300.1680.A	26,9	3,00	168,0	0,1472	379,2	34,769	music wire	4M
T.269.300.1680.I	26,9	3,00	168,0	0,1264	387,0	30,968	stainless steel	4M
T.269.300.3000.A	26,9	3,00	300,0	0,0710	742,9	35,184	music wire	4N
T.269.300.3000.I	26,9	3,00	300,0	0,0610	733,6	29,729	stainless steel	4N
T.269.340.0890.A	26,9	3,40	89,0	0,7856	144,0	48,990	music wire	4M
T.269.340.0890.I	26,9	3,40	89,0	0,6748	146,3	43,843	stainless steel	4M
T.269.340.1270.A	26,9	3,40	127,0	0,4277	228,0	48,990	music wire	4M
T.269.340.1270.I	26,9	3,40	127,0	0,3673	232,3	43,843	stainless steel	4M
T.269.340.1800.A	26,9	3,40	180,0	0,2616	347,4	49,658	music wire	4M
T.269.340.1800.I	26,9	3,40	180,0	0,2247	344,3	42,089	stainless steel	4M
T.269.340.3050.A	26,9	3,40	305,0	0,1364	621,7	48,990	music wire	4N
T.269.340.3050.I	26,9	3,40	305,0	0,1172	634,9	43,843	stainless steel	4N
T.270.160.2290.A	27,0	1,60	229,0	0,0036	1837,2	6,033	music wire	4J
T.270.160.2290.I	27,0	1,60	229,0	0,0031	1861,8	5,261	stainless steel	4J
T.270.200.0628.A	27,0	2,00	62,8	0,1410	137,7	11,263	music wire	4L
T.270.200.0628.I	27,0	2,00	62,8	0,1211	139,4	9,891	stainless steel	4L
T.270.200.0788.A	27,0	2,00	78,8	0,0677	234,7	11,263	music wire	4L
T.270.200.0788.I	27,0	2,00	78,8	0,0582	238,2	9,891	stainless steel	4L
T.270.200.1180.A	27,0	2,00	118,0	0,0298	472,4	11,263	music wire	4L
T.270.200.1180.I	27,0	2,00	118,0	0,0256	480,3	9,891	stainless steel	4L

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.270.200.1460.A	27,0	2,00	146,0	0,0213	642,1	11,263	music wire	4L
T.270.200.1460.I	27,0	2,00	146,0	0,0183	653,2	9,891	stainless steel	4M
T.270.270.1780.A	27,0	2,70	178,0	0,0771	482,1	25,917	music wire	4M
T.270.270.1780.I	27,0	2,70	178,0	0,0662	492,2	22,995	stainless steel	4M
T.270.270.3180.A	27,0	2,70	318,0	0,0374	944,5	25,917	music wire	4N
T.270.270.3180.I	27,0	2,70	318,0	0,0322	965,1	22,995	stainless steel	4N
T.270.280.3050.A	27,0	2,80	305,0	0,0477	846,5	28,653	music wire	4N
T.270.280.3050.I	27,0	2,80	305,0	0,0410	865,1	25,456	stainless steel	4N
T.275.250.0600.A	27,5	2,50	60,0	0,5094	97,3	20,781	music wire	4L
T.275.250.0600.I	27,5	2,50	60,0	0,4375	96,4	17,483	stainless steel	4L
T.275.250.0685.A	27,5	2,50	68,5	0,3032	130,6	20,582	music wire	4L
T.275.250.0685.I	27,5	2,50	68,5	0,2604	132,5	18,212	stainless steel	4L
T.275.250.0710.A	27,5	2,50	71,0	0,2709	140,5	20,582	music wire	4L
T.275.250.0710.I	27,5	2,50	71,0	0,2327	142,6	18,212	stainless steel	4L
T.275.250.0800.A	27,5	2,50	80,0	0,1959	177,0	20,781	music wire	4L
T.275.250.0800.I	27,5	2,50	80,0	0,1683	174,7	17,483	stainless steel	4L
T.275.250.1010.A	27,5	2,50	101,0	0,1190	259,2	20,582	music wire	4L
T.275.250.1010.I	27,5	2,50	101,0	0,1022	264,0	18,212	stainless steel	4M
T.275.250.1200.A	27,5	2,50	120,0	0,0878	336,5	20,781	music wire	4M
T.275.250.1200.I	27,5	2,50	120,0	0,0754	331,2	17,483	stainless steel	4M
T.275.250.1380.A	27,5	2,50	138,0	0,0704	405,6	20,582	music wire	4M
T.275.250.1380.I	27,5	2,50	138,0	0,0604	413,7	18,212	stainless steel	4M
T.275.250.1560.A	27,5	2,50	156,0	0,0587	476,9	20,582	music wire	4M
T.275.250.1560.I	27,5	2,50	156,0	0,0504	486,6	18,212	stainless steel	4M
T.275.250.1730.A	27,5	2,50	173,0	0,0507	544,2	20,582	music wire	4M
T.275.250.1730.I	27,5	2,50	173,0	0,0436	555,4	18,212	stainless steel	4M
T.275.250.1930.A	27,5	2,50	193,0	0,0438	623,3	20,582	music wire	4M
T.275.250.1930.I	27,5	2,50	193,0	0,0376	636,3	18,212	stainless steel	4M
T.275.250.2130.A	27,5	2,50	213,0	0,0385	702,4	20,582	music wire	4M
T.275.250.2130.I	27,5	2,50	213,0	0,0330	717,2	18,212	stainless steel	4M
T.275.250.2340.A	27,5	2,50	234,0	0,0341	785,5	20,582	music wire	4M
T.275.250.2340.I	27,5	2,50	234,0	0,0293	802,2	18,212	stainless steel	4M
T.280.250.0643.A	28,0	2,50	64,3	0,3797	113,1	20,230	music wire	4L
T.280.250.0643.I	28,0	2,50	64,3	0,3262	114,6	17,900	stainless steel	4L
T.280.250.0698.A	28,0	2,50	69,8	0,2824	136,1	20,425	music wire	4L
T.280.250.0698.I	28,0	2,50	69,8	0,2425	134,5	17,184	stainless steel	4L
T.280.250.0793.A	28,0	2,50	79,3	0,1948	174,5	20,230	music wire	4L
T.280.250.0793.I	28,0	2,50	79,3	0,1673	177,4	17,900	stainless steel	4L
T.280.250.1020.A	28,0	2,50	102,0	0,1121	267,4	20,230	music wire	4L
T.280.250.1020.I	28,0	2,50	102,0	0,0963	272,4	17,900	stainless steel	4M
T.280.250.1200.A	28,0	2,50	120,0	0,0839	343,1	20,425	music wire	4M
T.280.250.1200.I	28,0	2,50	120,0	0,0721	337,7	17,184	stainless steel	4M
T.280.250.1390.A	28,0	2,50	139,0	0,0663	418,7	20,230	music wire	4M
T.280.250.1390.I	28,0	2,50	139,0	0,0569	427,2	17,900	stainless steel	4M
T.280.250.1600.A	28,0	2,50	160,0	0,0538	508,0	20,425	music wire	4M
T.280.250.1600.I	28,0	2,50	160,0	0,0462	499,6	17,184	stainless steel	4M
T.280.250.1890.A	28,0	2,50	189,0	0,0427	623,3	20,230	music wire	4M
T.280.250.1890.I	28,0	2,50	189,0	0,0367	636,4	17,900	stainless steel	4M
T.280.300.0572.A	28,0	3,00	57,2	1,5533	76,8	33,878	music wire	4L
T.280.300.0572.I	28,0	3,00	57,2	1,3341	76,4	28,625	stainless steel	4L



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.280.300.0635.A	28,0	3,00	63,5	0,9602	95,2	33,878	music wire	4L
T.280.300.0635.I	28,0	3,00	63,5	0,8247	94,5	28,625	stainless steel	4L
T.280.310.0650.A	28,0	3,10	65,0	1,0329	97,1	37,091	music wire	4L
T.280.310.0650.I	28,0	3,10	65,0	0,8872	96,5	31,365	stainless steel	4L
T.280.320.2730.A	28,0	3,20	273,0	0,0989	638,0	40,487	music wire	4N
T.280.320.2730.I	28,0	3,20	273,0	0,0850	630,8	34,264	stainless steel	4N
T.280.400.0760.A	28,0	4,00	76,0	2,3582	103,1	73,440	music wire	5C
T.280.400.0760.I	28,0	4,00	76,0	2,0255	104,4	66,155	stainless steel	5C
T.280.400.1000.A	28,0	4,00	100,0	1,3476	147,4	73,440	music wire	5C
T.280.400.1000.I	28,0	4,00	100,0	1,1574	149,7	66,155	stainless steel	5D
T.280.400.1360.A	28,0	4,00	136,0	0,8203	213,9	73,440	music wire	5C
T.280.400.1360.I	28,0	4,00	136,0	0,7045	217,7	66,155	stainless steel	5D
T.280.400.1960.A	28,0	4,00	196,0	0,4965	324,7	73,440	music wire	5C
T.280.400.1960.I	28,0	4,00	196,0	0,4264	331,0	66,155	stainless steel	5D
T.280.400.3000.A	28,0	4,00	300,0	0,2948	520,2	74,613	music wire	5D
T.280.400.3000.I	28,0	4,00	300,0	0,2532	516,9	63,509	stainless steel	5D
T.282.320.0764.A	28,2	3,20	76,4	0,7391	124,3	39,708	music wire	4M
T.282.320.0764.I	28,2	3,20	76,4	0,6348	126,2	35,453	stainless steel	4M
T.282.320.1000.A	28,2	3,20	100,0	0,4119	187,1	40,217	music wire	4M
T.282.320.1000.I	28,2	3,20	100,0	0,3537	185,4	34,035	stainless steel	4M
T.282.320.1180.A	28,2	3,20	118,0	0,3073	233,3	39,708	music wire	4M
T.282.320.1180.I	28,2	3,20	118,0	0,2639	237,9	35,453	stainless steel	4M
T.282.320.1400.A	28,2	3,20	140,0	0,2349	292,8	40,217	music wire	4M
T.282.320.1400.I	28,2	3,20	140,0	0,2018	289,8	34,035	stainless steel	4M
T.282.320.1650.A	28,2	3,20	165,0	0,1851	356,5	39,708	music wire	4M
T.282.320.1650.I	28,2	3,20	165,0	0,1590	364,0	35,453	stainless steel	4M
T.282.320.1880.A	28,2	3,20	188,0	0,1549	416,7	39,708	music wire	4M
T.282.320.1880.I	28,2	3,20	188,0	0,1331	425,7	35,453	stainless steel	4N
T.282.320.2000.A	28,2	3,20	200,0	0,1427	451,5	40,217	music wire	4M
T.282.320.2000.I	28,2	3,20	200,0	0,1226	446,5	34,035	stainless steel	4N
T.282.320.2100.A	28,2	3,20	210,0	0,1341	474,3	39,708	music wire	4N
T.282.320.2100.I	28,2	3,20	210,0	0,1151	484,8	35,453	stainless steel	4N
T.282.320.2360.A	28,2	3,20	236,0	0,1156	542,5	39,708	music wire	4N
T.282.320.2360.I	28,2	3,20	236,0	0,0993	554,6	35,453	stainless steel	4N
T.282.320.2620.A	28,2	3,20	262,0	0,1017	610,6	39,708	music wire	4N
T.282.320.2620.I	28,2	3,20	262,0	0,0873	624,3	35,453	stainless steel	4N
T.282.320.2870.A	28,2	3,20	287,0	0,0911	676,1	39,708	music wire	4N
T.282.320.2870.I	28,2	3,20	287,0	0,0782	691,4	35,453	stainless steel	4N
T.284.220.0762.A	28,4	2,20	76,2	0,1123	192,4	13,989	music wire	4L
T.284.220.0762.I	28,4	2,20	76,2	0,0964	195,4	12,323	stainless steel	4L
T.284.220.0889.A	28,4	2,20	88,9	0,0754	261,8	13,989	music wire	4L
T.284.220.0889.I	28,4	2,20	88,9	0,0648	266,3	12,323	stainless steel	4L
T.284.220.1016.A	28,4	2,20	101,6	0,0568	331,3	13,989	music wire	4L
T.284.220.1016.I	28,4	2,20	101,6	0,0488	337,2	12,323	stainless steel	4L
T.284.220.1143.A	28,4	2,20	114,3	0,0455	400,7	13,989	music wire	4L
T.284.220.1143.I	28,4	2,20	114,3	0,0391	408,1	12,323	stainless steel	4M
T.284.220.1200.A	28,4	2,20	120,0	0,0419	434,2	14,102	music wire	4L
T.284.220.1200.I	28,4	2,20	120,0	0,0360	425,9	11,830	stainless steel	4M
T.284.220.1270.A	28,4	2,20	127,0	0,0380	470,2	13,989	music wire	4L
T.284.220.1270.I	28,4	2,20	127,0	0,0326	479,0	12,323	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.284.220.1397.A	28,4	2,20	139,7	0,0326	539,6	13,989	music wire	4M
T.284.220.1397.I	28,4	2,20	139,7	0,0280	549,9	12,323	stainless steel	4M
T.284.220.1524.A	28,4	2,20	152,4	0,0286	609,1	13,989	music wire	4M
T.284.220.1524.I	28,4	2,20	152,4	0,0245	620,8	12,323	stainless steel	4M
T.284.220.1651.A	28,4	2,20	165,1	0,0254	678,5	13,989	music wire	4M
T.284.220.1651.I	28,4	2,20	165,1	0,0218	691,7	12,323	stainless steel	4M
T.284.220.1778.A	28,4	2,20	177,8	0,0229	748,0	13,989	music wire	4M
T.284.220.1778.I	28,4	2,20	177,8	0,0197	762,6	12,323	stainless steel	4M
T.284.220.2200.A	28,4	2,20	220,0	0,0172	985,1	14,102	music wire	4M
T.284.220.2200.I	28,4	2,20	220,0	0,0148	965,0	11,830	stainless steel	4M
T.284.220.3200.A	28,4	2,20	320,0	0,0108	1535,0	14,102	music wire	4N
T.284.220.3200.I	28,4	2,20	320,0	0,0093	1503,1	11,830	stainless steel	4N
T.284.250.0762.A	28,4	2,50	76,2	0,2129	162,3	19,956	music wire	4L
T.284.250.0762.I	28,4	2,50	76,2	0,1828	164,9	17,658	stainless steel	4L
T.284.250.0800.A	28,4	2,50	80,0	0,1862	179,4	20,148	music wire	4L
T.284.250.0800.I	28,4	2,50	80,0	0,1599	177,0	16,951	stainless steel	4L
T.284.250.0889.A	28,4	2,50	88,9	0,1446	215,6	19,956	music wire	4L
T.284.250.0889.I	28,4	2,50	88,9	0,1242	219,5	17,658	stainless steel	4L
T.284.250.1016.A	28,4	2,50	101,6	0,1095	269,0	19,956	music wire	4L
T.284.250.1016.I	28,4	2,50	101,6	0,0940	274,0	17,658	stainless steel	4M
T.284.250.1143.A	28,4	2,50	114,3	0,0881	322,3	19,956	music wire	4M
T.284.250.1143.I	28,4	2,50	114,3	0,0757	328,6	17,658	stainless steel	4M
T.284.250.1200.A	28,4	2,50	120,0	0,0809	348,6	20,148	music wire	4M
T.284.250.1200.I	28,4	2,50	120,0	0,0695	343,1	16,951	stainless steel	4M
T.284.250.1270.A	28,4	2,50	127,0	0,0737	375,7	19,956	music wire	4M
T.284.250.1270.I	28,4	2,50	127,0	0,0633	383,2	17,658	stainless steel	4M
T.284.250.1397.A	28,4	2,50	139,7	0,0633	429,0	19,956	music wire	4M
T.284.250.1397.I	28,4	2,50	139,7	0,0544	437,7	17,658	stainless steel	4M
T.284.250.1524.A	28,4	2,50	152,4	0,0555	482,4	19,956	music wire	4M
T.284.250.1524.I	28,4	2,50	152,4	0,0477	492,3	17,658	stainless steel	4M
T.284.250.1651.A	28,4	2,50	165,1	0,0494	535,7	19,956	music wire	4M
T.284.250.1651.I	28,4	2,50	165,1	0,0425	546,9	17,658	stainless steel	4M
T.284.250.1778.A	28,4	2,50	177,8	0,0446	589,0	19,956	music wire	4M
T.284.250.1778.I	28,4	2,50	177,8	0,0383	601,4	17,658	stainless steel	4M
T.284.250.2000.A	28,4	2,50	200,0	0,0380	687,1	20,148	music wire	4M
T.284.250.2000.I	28,4	2,50	200,0	0,0326	675,4	16,951	stainless steel	4M
T.284.300.0762.A	28,4	3,00	76,2	0,5319	132,1	33,032	music wire	4L
T.284.300.0762.I	28,4	3,00	76,2	0,4569	134,1	29,420	stainless steel	4M
T.284.300.0889.A	28,4	3,00	88,9	0,3676	169,7	33,032	music wire	4M
T.284.300.0889.I	28,4	3,00	88,9	0,3157	172,7	29,420	stainless steel	4M
T.284.300.1016.A	28,4	3,00	101,6	0,2808	207,4	33,032	music wire	4M
T.284.300.1016.I	28,4	3,00	101,6	0,2412	211,3	29,420	stainless steel	4M
T.284.300.1143.A	28,4	3,00	114,3	0,2272	245,1	33,032	music wire	4M
T.284.300.1143.I	28,4	3,00	114,3	0,1951	249,9	29,420	stainless steel	4M
T.284.300.1270.A	28,4	3,00	127,0	0,1907	282,8	33,032	music wire	4M
T.284.300.1270.I	28,4	3,00	127,0	0,1638	288,5	29,420	stainless steel	4M
T.284.300.1397.A	28,4	3,00	139,7	0,1644	320,4	33,032	music wire	4M
T.284.300.1397.I	28,4	3,00	139,7	0,1412	327,1	29,420	stainless steel	4M
T.284.300.1524.A	28,4	3,00	152,4	0,1444	358,1	33,032	music wire	4M
T.284.300.1524.I	28,4	3,00	152,4	0,1240	365,7	29,420	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.284.300.1651.A	28,4	3,00	165,1	0,1288	395,8	33,032	music wire	4M
T.284.300.1651.I	28,4	3,00	165,1	0,1106	404,3	29,420	stainless steel	4M
T.284.300.1778.A	28,4	3,00	177,8	0,1162	433,5	33,032	music wire	4M
T.284.300.1778.I	28,4	3,00	177,8	0,1000	442,9	29,420	stainless steel	4M
T.284.300.2000.A	28,4	3,00	200,0	0,0993	502,7	33,426	music wire	4M
T.284.300.2000.I	28,4	3,00	200,0	0,0853	496,4	28,244	stainless steel	4M
T.284.300.2200.A	28,4	3,00	220,0	0,0877	562,7	33,426	music wire	4M
T.284.300.2200.I	28,4	3,00	220,0	0,0753	555,6	28,244	stainless steel	4N
T.284.300.3000.A	28,4	3,00	300,0	0,0599	802,1	33,426	music wire	4N
T.284.300.3000.I	28,4	3,00	300,0	0,0514	791,7	28,244	stainless steel	4N
T.285.230.1900.A	28,5	2,30	190,0	0,0261	751,7	15,777	music wire	4M
T.285.230.1900.I	28,5	2,30	190,0	0,0224	767,0	13,920	stainless steel	4M
T.285.300.0800.A	28,5	3,00	80,0	0,4651	144,5	33,315	music wire	4L
T.285.300.0800.I	28,5	3,00	80,0	0,3995	143,1	28,150	stainless steel	4M
T.285.300.1400.A	28,5	3,00	140,0	0,1621	324,9	33,315	music wire	4M
T.285.300.1400.I	28,5	3,00	140,0	0,1392	321,1	28,150	stainless steel	4M
T.285.300.2150.A	28,5	3,00	215,0	0,0894	546,4	32,922	music wire	4M
T.285.300.2150.I	28,5	3,00	215,0	0,0768	558,6	29,323	stainless steel	4N
T.285.300.3050.A	28,5	3,00	305,0	0,0581	815,0	32,922	music wire	4N
T.285.300.3050.I	28,5	3,00	305,0	0,0500	833,8	29,323	stainless steel	4N
T.285.300.6730.A	28,5	3,00	673,0	0,0239	1913,2	32,922	music wire	4Q
T.285.300.6730.I	28,5	3,00	673,0	0,0205	1959,0	29,323	stainless steel	4Q
T.286.220.1180.A	28,6	2,20	118,0	0,0423	424,3	13,894	music wire	4L
T.286.220.1180.I	28,6	2,20	118,0	0,0364	432,2	12,240	stainless steel	4M
T.286.270.4060.A	28,6	2,70	406,0	0,0236	1353,9	24,532	music wire	4O
T.286.270.4060.I	28,6	2,70	406,0	0,0202	1385,2	21,766	stainless steel	4O
T.286.380.1000.A	28,6	3,80	100,0	0,9739	157,3	63,627	music wire	5C
T.286.380.1000.I	28,6	3,80	100,0	0,8365	156,4	54,085	stainless steel	5C
T.286.380.1970.A	28,6	3,80	197,0	0,3500	354,1	62,674	music wire	5C
T.286.380.1970.I	28,6	3,80	197,0	0,3000	361,4	56,338	stainless steel	5D
T.286.380.2150.A	28,6	3,80	215,0	0,3128	390,7	62,674	music wire	5C
T.286.380.2150.I	28,6	3,80	215,0	0,2686	398,9	56,338	stainless steel	5D
T.290.290.0700.A	29,0	2,90	70,0	0,5708	117,3	29,833	music wire	4L
T.290.290.0700.I	29,0	2,90	70,0	0,4903	116,3	25,187	stainless steel	4M
T.290.300.0698.A	29,0	3,00	69,8	0,6804	113,2	32,770	music wire	4L
T.290.300.0698.I	29,0	3,00	69,8	0,5844	112,3	27,689	stainless steel	4M
T.290.300.0700.A	29,0	3,00	70,0	0,6707	114,1	32,770	music wire	4L
T.290.300.0700.I	29,0	3,00	70,0	0,5761	113,1	27,689	stainless steel	4M
T.290.320.0698.A	29,0	3,20	69,8	0,9284	107,6	39,171	music wire	4M
T.290.320.0698.I	29,0	3,20	69,8	0,7974	106,8	33,150	stainless steel	4M
T.290.320.0700.A	29,0	3,20	70,0	0,9284	107,8	39,171	music wire	4M
T.290.320.0700.I	29,0	3,20	70,0	0,7974	107,0	33,150	stainless steel	4M
T.290.320.0760.A	29,0	3,20	76,0	0,7233	124,5	39,171	music wire	4M
T.290.320.0760.I	29,0	3,20	76,0	0,6212	123,5	33,150	stainless steel	4M
T.290.380.0889.A	29,0	3,80	88,9	1,1959	135,0	62,817	music wire	5C
T.290.380.0889.I	29,0	3,80	88,9	1,0271	134,3	53,396	stainless steel	5C
T.290.400.0936.A	29,0	4,00	93,6	1,4026	137,9	71,125	music wire	5C
T.290.400.0936.I	29,0	4,00	93,6	1,2047	140,1	64,069	stainless steel	5D
T.290.400.1200.A	29,0	4,00	120,0	0,9022	190,0	72,260	music wire	5C
T.290.400.1200.I	29,0	4,00	120,0	0,7749	188,9	61,507	stainless steel	5D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.290.400.1490.A	29,0	4,00	149,0	0,6482	244,8	71,125	music wire	5C
T.290.400.1490.I	29,0	4,00	149,0	0,5567	249,5	64,069	stainless steel	5D
T.290.400.1800.A	29,0	4,00	180,0	0,4982	306,7	72,260	music wire	5C
T.290.400.1800.I	29,0	4,00	180,0	0,4279	304,8	61,507	stainless steel	5D
T.290.400.2010.A	29,0	4,00	201,0	0,4307	345,2	71,125	music wire	5C
T.290.400.2010.I	29,0	4,00	201,0	0,3700	352,3	64,069	stainless steel	5D
T.290.400.2250.A	29,0	4,00	225,0	0,3730	391,6	71,125	music wire	5C
T.290.400.2250.I	29,0	4,00	225,0	0,3204	399,7	64,069	stainless steel	5D
T.290.400.2530.A	29,0	4,00	253,0	0,3225	445,6	71,125	music wire	5D
T.290.400.2530.I	29,0	4,00	253,0	0,2770	455,0	64,069	stainless steel	5D
T.290.400.2850.A	29,0	4,00	285,0	0,2794	507,4	71,125	music wire	5D
T.290.400.2850.I	29,0	4,00	285,0	0,2399	518,2	64,069	stainless steel	5D
T.290.400.3000.A	29,0	4,00	300,0	0,2629	540,1	72,260	music wire	5D
T.290.400.3000.I	29,0	4,00	300,0	0,2258	536,5	61,507	stainless steel	5D
T.290.400.3170.A	29,0	4,00	317,0	0,2464	569,2	71,125	music wire	5D
T.290.400.3170.I	29,0	4,00	317,0	0,2116	581,5	64,069	stainless steel	5D
T.290.400.3490.A	29,0	4,00	349,0	0,2203	630,9	71,125	music wire	5D
T.290.400.3490.I	29,0	4,00	349,0	0,1893	644,7	64,069	stainless steel	5D
T.294.270.2290.A	29,4	2,70	229,0	0,0431	735,9	23,893	music wire	4M
T.294.270.2290.I	29,4	2,70	229,0	0,0370	752,6	21,199	stainless steel	4N
T.294.380.1320.A	29,4	3,80	132,0	0,5687	226,5	61,097	music wire	5C
T.294.380.1320.I	29,4	3,80	132,0	0,4885	230,9	54,921	stainless steel	5C
T.300.280.0698.A	30,0	2,80	69,8	0,4787	119,2	25,917	music wire	4L
T.300.280.0698.I	30,0	2,80	69,8	0,4100	120,9	23,024	stainless steel	4M
T.300.280.0866.A	30,0	2,80	86,6	0,2489	181,6	25,917	music wire	4M
T.300.280.0866.I	30,0	2,80	86,6	0,2138	184,8	23,024	stainless steel	4M
T.300.280.1120.A	30,0	2,80	112,0	0,1442	275,9	25,917	music wire	4M
T.300.280.1120.I	30,0	2,80	112,0	0,1239	281,5	23,024	stainless steel	4M
T.300.280.1540.A	30,0	2,80	154,0	0,0851	431,8	25,917	music wire	4M
T.300.280.1540.I	30,0	2,80	154,0	0,0731	441,4	23,024	stainless steel	4M
T.300.280.2100.A	30,0	2,80	210,0	0,0550	639,8	25,917	music wire	4M
T.300.280.2100.I	30,0	2,80	210,0	0,0472	654,5	23,024	stainless steel	4N
T.300.380.0698.A	30,0	3,80	69,8	2,1092	95,2	60,877	music wire	5C
T.300.380.0698.I	30,0	3,80	69,8	1,8116	94,8	51,746	stainless steel	5C
T.300.450.1620.A	30,0	4,50	162,0	0,9816	245,6	94,804	music wire	5D
T.300.450.1620.I	30,0	4,50	162,0	0,8431	250,1	85,826	stainless steel	5E
T.300.450.1890.A	30,0	4,50	189,0	0,7956	292,1	94,804	music wire	5D
T.300.450.1890.I	30,0	4,50	189,0	0,6833	297,7	85,826	stainless steel	5E
T.300.450.2210.A	30,0	4,50	221,0	0,6497	347,2	94,804	music wire	5D
T.300.450.2210.I	30,0	4,50	221,0	0,5580	354,1	85,826	stainless steel	5E
T.300.450.2480.A	30,0	4,50	248,0	0,5626	393,8	94,804	music wire	5D
T.300.450.2480.I	30,0	4,50	248,0	0,4833	401,7	85,826	stainless steel	5E
T.300.450.2790.A	30,0	4,50	279,0	0,4876	447,2	94,804	music wire	5E
T.300.450.2790.I	30,0	4,50	279,0	0,4188	456,3	85,826	stainless steel	5E
T.300.450.3150.A	30,0	4,50	315,0	0,4222	509,2	94,804	music wire	5E
T.300.450.3150.I	30,0	4,50	315,0	0,3627	519,7	85,826	stainless steel	5E
T.300.450.3510.A	30,0	4,50	351,0	0,3723	571,3	94,804	music wire	5E
T.300.450.3510.I	30,0	4,50	351,0	0,3198	583,2	85,826	stainless steel	5E
T.300.500.1750.A	30,0	5,00	175,0	1,5673	243,5	125,714	music wire	5E
T.300.500.1750.I	30,0	5,00	175,0	1,3462	247,6	114,340	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.300.500.2050.A	30,0	5,00	205,0	1,2734	289,3	125,714	music wire	5E
T.300.500.2050.I	30,0	5,00	205,0	1,0938	294,3	114,340	stainless steel	5G
T.300.500.2400.A	30,0	5,00	240,0	1,0449	342,8	125,714	music wire	5E
T.300.500.2400.I	30,0	5,00	240,0	0,9000	348,9	114,340	stainless steel	5G
T.300.500.2700.A	30,0	5,00	270,0	0,9056	388,6	125,714	music wire	5E
T.300.500.2700.I	30,0	5,00	270,0	0,7778	395,6	114,340	stainless steel	5G
T.300.500.3050.A	30,0	5,00	305,0	0,7837	442,1	125,714	music wire	5F
T.300.500.3050.I	30,0	5,00	305,0	0,6731	450,1	114,340	stainless steel	5G
T.300.500.3450.A	30,0	5,00	345,0	0,6792	503,2	125,714	music wire	5F
T.300.500.3450.I	30,0	5,00	345,0	0,5833	512,5	114,340	stainless steel	5G
T.300.500.3850.A	30,0	5,00	385,0	0,6000	564,2	125,714	music wire	5F
T.300.500.3850.I	30,0	5,00	385,0	0,5147	574,8	114,340	stainless steel	5G
T.301.340.3050.A	30,1	3,40	305,0	0,0954	717,9	44,104	music wire	4N
T.301.340.3050.I	30,1	3,40	305,0	0,0819	735,3	39,470	stainless steel	4N
T.302.420.3050.A	30,2	4,20	305,0	0,2945	536,7	78,219	music wire	5D
T.302.420.3050.I	30,2	4,20	305,0	0,2530	548,6	70,603	stainless steel	5D
T.305.480.1780.A	30,5	4,80	178,0	1,1638	260,1	111,085	music wire	5D
T.305.480.1780.I	30,5	4,80	178,0	1,0000	264,8	100,851	stainless steel	5E
T.309.360.1970.A	30,9	3,60	197,0	0,2074	413,0	50,325	music wire	5C
T.309.360.1970.I	30,9	3,60	197,0	0,1781	422,5	45,140	stainless steel	5D
T.310.220.0950.A	31,0	2,20	95,0	0,0555	315,1	12,954	music wire	4L
T.310.220.0950.I	31,0	2,20	95,0	0,0477	309,4	10,867	stainless steel	4L
T.310.230.0850.A	31,0	2,30	85,0	0,0928	233,3	14,670	music wire	4L
T.310.230.0850.I	31,0	2,30	85,0	0,0797	229,6	12,319	stainless steel	4L
T.310.240.0762.A	31,0	2,40	76,2	0,1623	171,1	16,523	music wire	4L
T.310.240.0762.I	31,0	2,40	76,2	0,1394	168,8	13,889	stainless steel	4L
T.310.270.6730.A	31,0	2,70	673,0	0,0104	2698,5	22,949	music wire	4Q
T.310.270.6730.I	31,0	2,70	673,0	0,0089	2653,3	19,342	stainless steel	4Q
T.310.290.0760.A	31,0	2,90	76,0	0,4163	137,3	27,994	music wire	4L
T.310.290.0760.I	31,0	2,90	76,0	0,3576	136,0	23,634	stainless steel	4M
T.310.290.0890.A	31,0	2,90	89,0	0,2640	185,7	27,994	music wire	4M
T.310.290.0890.I	31,0	2,90	89,0	0,2268	183,7	23,634	stainless steel	4M
T.310.290.1020.A	31,0	2,90	102,0	0,1933	234,1	27,994	music wire	4M
T.310.290.1020.I	31,0	2,90	102,0	0,1660	231,3	23,634	stainless steel	4M
T.310.290.1150.A	31,0	2,90	115,0	0,1525	282,4	27,994	music wire	4M
T.310.290.1150.I	31,0	2,90	115,0	0,1309	278,9	23,634	stainless steel	4M
T.310.290.1520.A	31,0	2,90	152,0	0,0955	419,3	27,994	music wire	4M
T.310.290.1520.I	31,0	2,90	152,0	0,0820	413,6	23,634	stainless steel	4M
T.310.290.1750.A	31,0	2,90	175,0	0,0773	505,1	27,994	music wire	4M
T.310.290.1750.I	31,0	2,90	175,0	0,0664	498,2	23,634	stainless steel	4M
T.310.300.0762.A	31,0	3,00	76,2	0,4882	133,4	30,755	music wire	4L
T.310.300.0762.I	31,0	3,00	76,2	0,4193	132,3	25,987	stainless steel	4M
T.310.300.1720.A	31,0	3,00	172,0	0,0947	467,0	30,755	music wire	4M
T.310.300.1720.I	31,0	3,00	172,0	0,0813	461,0	25,987	stainless steel	4M
T.310.360.0762.A	31,0	3,60	76,2	1,2055	113,8	50,898	music wire	5C
T.310.360.0762.I	31,0	3,60	76,2	1,0354	113,2	43,203	stainless steel	5C
T.310.380.0762.A	31,0	3,80	76,2	1,5755	109,4	59,048	music wire	5C
T.310.380.0762.I	31,0	3,80	76,2	1,3532	108,8	50,192	stainless steel	5C
T.310.380.2032.A	31,0	3,80	203,2	0,2626	402,2	59,048	music wire	5C
T.310.380.2032.I	31,0	3,80	203,2	0,2255	399,1	50,192	stainless steel	5D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.310.450.1150.A	31,0	4,50	115,0	1,5168	168,6	93,667	music wire	5D
T.310.450.1150.I	31,0	4,50	115,0	1,3027	168,0	79,985	stainless steel	5E
T.310.450.1651.A	31,0	4,50	165,1	0,8667	259,0	93,667	music wire	5D
T.310.450.1651.I	31,0	4,50	165,1	0,7444	257,8	79,985	stainless steel	5E
T.310.480.1500.A	31,0	4,80	150,0	1,4117	218,1	111,537	music wire	5D
T.310.480.1500.I	31,0	4,80	150,0	1,2125	217,4	95,420	stainless steel	5E
T.310.500.2370.A	31,0	5,00	237,0	0,9533	349,0	124,499	music wire	5E
T.310.500.2370.I	31,0	5,00	237,0	0,8188	347,9	106,634	stainless steel	5G
T.314.530.1830.A	31,4	5,30	183,0	1,7606	251,3	141,043	music wire	5E
T.314.530.1830.I	31,4	5,30	183,0	1,5122	255,6	128,623	stainless steel	5G
T.317.240.0830.A	31,7	2,40	83,0	0,1203	207,5	16,024	music wire	4L
T.317.240.0830.I	31,7	2,40	83,0	0,1034	211,1	14,158	stainless steel	4L
T.317.240.1200.A	31,7	2,40	120,0	0,0505	419,4	16,170	music wire	4M
T.317.240.1200.I	31,7	2,40	120,0	0,0434	412,1	13,592	stainless steel	4M
T.317.240.1780.A	31,7	2,40	178,0	0,0265	744,0	16,024	music wire	4M
T.317.240.1780.I	31,7	2,40	178,0	0,0227	760,2	14,158	stainless steel	4M
T.317.290.0830.A	31,7	2,90	83,0	0,3100	163,1	27,090	music wire	4M
T.317.290.0830.I	31,7	2,90	83,0	0,2655	166,0	24,098	stainless steel	4M
T.317.300.2980.A	31,7	3,00	298,0	0,0430	928,2	29,751	music wire	4N
T.317.300.2980.I	31,7	3,00	298,0	0,0369	951,6	26,498	stainless steel	4N
T.317.340.0760.A	31,7	3,40	76,0	0,8957	118,1	42,001	music wire	4M
T.317.340.0760.I	31,7	3,40	76,0	0,7693	119,9	37,588	stainless steel	4M
T.317.340.0830.A	31,7	3,40	83,0	0,6853	138,0	42,001	music wire	4M
T.317.340.0830.I	31,7	3,40	83,0	0,5886	140,3	37,588	stainless steel	4M
T.317.340.0850.A	31,7	3,40	85,0	0,6422	143,7	42,001	music wire	4M
T.317.340.0850.I	31,7	3,40	85,0	0,5516	146,2	37,588	stainless steel	4M
T.317.340.0890.A	31,7	3,40	89,0	0,5705	155,1	42,001	music wire	4M
T.317.340.0890.I	31,7	3,40	89,0	0,4900	157,9	37,588	stainless steel	4M
T.317.340.1800.A	31,7	3,40	180,0	0,1610	417,4	42,574	music wire	4M
T.317.340.1800.I	31,7	3,40	180,0	0,1383	413,2	36,085	stainless steel	4N
T.317.340.3000.A	31,7	3,40	300,0	0,0827	762,1	42,574	music wire	4N
T.317.340.3000.I	31,7	3,40	300,0	0,0711	753,8	36,085	stainless steel	4O
T.317.340.6800.A	31,7	3,40	680,0	0,0326	1837,6	42,001	music wire	4Q
T.317.340.6800.I	31,7	3,40	680,0	0,0280	1886,1	37,588	stainless steel	4Q
T.317.470.1150.A	31,7	4,70	115,0	1,8068	163,6	101,403	music wire	5D
T.317.470.1150.I	31,7	4,70	115,0	1,5518	166,3	91,975	stainless steel	5E
T.317.480.1520.A	31,7	4,80	152,0	1,2947	223,6	107,310	music wire	5D
T.317.480.1520.I	31,7	4,80	152,0	1,1120	227,7	97,423	stainless steel	5E
T.318.220.0760.A	31,8	2,20	76,0	0,1066	187,3	12,536	music wire	4L
T.318.220.0760.I	31,8	2,20	76,0	0,0915	190,2	11,043	stainless steel	4L
T.318.220.0890.A	31,8	2,20	89,0	0,0633	276,5	12,536	music wire	4L
T.318.220.0890.I	31,8	2,20	89,0	0,0543	281,3	11,043	stainless steel	4L
T.318.220.1020.A	31,8	2,20	102,0	0,0450	365,6	12,536	music wire	4L
T.318.220.1020.I	31,8	2,20	102,0	0,0386	372,4	11,043	stainless steel	4M
T.318.220.1150.A	31,8	2,20	115,0	0,0349	454,8	12,536	music wire	4L
T.318.220.1150.I	31,8	2,20	115,0	0,0300	463,5	11,043	stainless steel	4M
T.318.220.1270.A	31,8	2,20	127,0	0,0289	537,1	12,536	music wire	4M
T.318.220.1270.I	31,8	2,20	127,0	0,0248	547,6	11,043	stainless steel	4M
T.318.220.1400.A	31,8	2,20	140,0	0,0244	626,2	12,536	music wire	4M
T.318.220.1400.I	31,8	2,20	140,0	0,0209	638,7	11,043	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.318.220.1520.A	31,8	2,20	152,0	0,0213	708,5	12,536	music wire	4M
T.318.220.1520.I	31,8	2,20	152,0	0,0183	722,8	11,043	stainless steel	4M
T.318.220.1650.A	31,8	2,20	165,0	0,0187	797,7	12,536	music wire	4M
T.318.220.1650.I	31,8	2,20	165,0	0,0161	813,9	11,043	stainless steel	4M
T.318.220.1780.A	31,8	2,20	178,0	0,0167	886,8	12,536	music wire	4M
T.318.220.1780.I	31,8	2,20	178,0	0,0144	905,0	11,043	stainless steel	4M
T.318.230.1850.A	31,8	2,30	185,0	0,0199	855,5	14,190	music wire	4M
T.318.230.1850.I	31,8	2,30	185,0	0,0171	873,7	12,519	stainless steel	4M
T.318.240.0889.A	31,8	2,40	88,9	0,0982	241,1	15,975	music wire	4L
T.318.240.0889.I	31,8	2,40	88,9	0,0844	245,4	14,115	stainless steel	4L
T.318.240.1016.A	31,8	2,40	101,6	0,0706	313,2	15,975	music wire	4L
T.318.240.1016.I	31,8	2,40	101,6	0,0607	319,3	14,115	stainless steel	4M
T.318.240.1143.A	31,8	2,40	114,3	0,0551	385,4	15,975	music wire	4L
T.318.240.1143.I	31,8	2,40	114,3	0,0474	393,2	14,115	stainless steel	4M
T.318.240.1270.A	31,8	2,40	127,0	0,0452	457,5	15,975	music wire	4M
T.318.240.1270.I	31,8	2,40	127,0	0,0388	467,0	14,115	stainless steel	4M
T.318.240.1397.A	31,8	2,40	139,7	0,0383	529,7	15,975	music wire	4M
T.318.240.1397.I	31,8	2,40	139,7	0,0329	540,9	14,115	stainless steel	4M
T.318.240.1524.A	31,8	2,40	152,4	0,0333	601,9	15,975	music wire	4M
T.318.240.1524.I	31,8	2,40	152,4	0,0286	614,8	14,115	stainless steel	4M
T.318.240.1651.A	31,8	2,40	165,1	0,0294	674,0	15,975	music wire	4M
T.318.240.1651.I	31,8	2,40	165,1	0,0252	688,6	14,115	stainless steel	4M
T.318.240.1905.A	31,8	2,40	190,5	0,0238	818,4	15,975	music wire	4M
T.318.240.1905.I	31,8	2,40	190,5	0,0204	836,4	14,115	stainless steel	4M
T.318.270.0760.A	31,8	2,70	76,0	0,2894	146,6	22,159	music wire	4L
T.318.270.0760.I	31,8	2,70	76,0	0,2485	149,0	19,660	stainless steel	4L
T.318.270.0890.A	31,8	2,70	89,0	0,1771	204,4	22,159	music wire	4L
T.318.270.0890.I	31,8	2,70	89,0	0,1521	208,2	19,660	stainless steel	4M
T.318.270.1020.A	31,8	2,70	102,0	0,1276	262,2	22,159	music wire	4M
T.318.270.1020.I	31,8	2,70	102,0	0,1096	267,5	19,660	stainless steel	4M
T.318.270.1150.A	31,8	2,70	115,0	0,0997	320,0	22,159	music wire	4M
T.318.270.1150.I	31,8	2,70	115,0	0,0856	326,7	19,660	stainless steel	4M
T.318.270.1400.A	31,8	2,70	140,0	0,0700	431,1	22,159	music wire	4M
T.318.270.1400.I	31,8	2,70	140,0	0,0603	440,7	19,660	stainless steel	4M
T.318.300.0889.A	31,8	3,00	88,9	0,3021	178,3	29,662	music wire	4M
T.318.300.0889.I	31,8	3,00	88,9	0,2595	181,6	26,419	stainless steel	4M
T.318.300.1016.A	31,8	3,00	101,6	0,2205	224,1	29,662	music wire	4M
T.318.300.1016.I	31,8	3,00	101,6	0,1894	228,7	26,419	stainless steel	4M
T.318.300.1143.A	31,8	3,00	114,3	0,1736	270,0	29,662	music wire	4M
T.318.300.1143.I	31,8	3,00	114,3	0,1491	275,7	26,419	stainless steel	4M
T.318.300.1270.A	31,8	3,00	127,0	0,1431	315,8	29,662	music wire	4M
T.318.300.1270.I	31,8	3,00	127,0	0,1229	322,8	26,419	stainless steel	4M
T.318.300.1397.A	31,8	3,00	139,7	0,1218	361,6	29,662	music wire	4M
T.318.300.1397.I	31,8	3,00	139,7	0,1046	369,8	26,419	stainless steel	4M
T.318.300.1524.A	31,8	3,00	152,4	0,1060	407,4	29,662	music wire	4M
T.318.300.1524.I	31,8	3,00	152,4	0,0910	416,8	26,419	stainless steel	4M
T.318.300.1651.A	31,8	3,00	165,1	0,0938	453,2	29,662	music wire	4M
T.318.300.1651.I	31,8	3,00	165,1	0,0806	463,9	26,419	stainless steel	4M
T.318.300.1778.A	31,8	3,00	177,8	0,0841	499,0	29,662	music wire	4M
T.318.300.1778.I	31,8	3,00	177,8	0,0722	510,9	26,419	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.318.300.1905.A	31,8	3,00	190,5	0,0763	544,8	29,662	music wire	4M
T.318.300.1905.I	31,8	3,00	190,5	0,0655	558,0	26,419	stainless steel	4M
T.318.360.0889.A	31,8	3,60	88,9	0,7609	146,4	48,987	music wire	5C
T.318.360.0889.I	31,8	3,60	88,9	0,6535	148,9	43,939	stainless steel	5C
T.318.360.1016.A	31,8	3,60	101,6	0,5629	179,3	48,987	music wire	5C
T.318.360.1016.I	31,8	3,60	101,6	0,4835	182,7	43,939	stainless steel	5C
T.318.360.1143.A	31,8	3,60	114,3	0,4466	212,2	48,987	music wire	5C
T.318.360.1143.I	31,8	3,60	114,3	0,3836	216,5	43,939	stainless steel	5C
T.318.360.1270.A	31,8	3,60	127,0	0,3702	245,1	48,987	music wire	5C
T.318.360.1270.I	31,8	3,60	127,0	0,3180	250,4	43,939	stainless steel	5C
T.318.360.1397.A	31,8	3,60	139,7	0,3161	278,0	48,987	music wire	5C
T.318.360.1397.I	31,8	3,60	139,7	0,2715	284,2	43,939	stainless steel	5C
T.318.360.1524.A	31,8	3,60	152,4	0,2758	311,0	48,987	music wire	5C
T.318.360.1524.I	31,8	3,60	152,4	0,2369	318,0	43,939	stainless steel	5C
T.318.360.1651.A	31,8	3,60	165,1	0,2446	343,9	48,987	music wire	5C
T.318.360.1651.I	31,8	3,60	165,1	0,2100	351,8	43,939	stainless steel	5D
T.318.360.1778.A	31,8	3,60	177,8	0,2197	376,8	48,987	music wire	5C
T.318.360.1778.I	31,8	3,60	177,8	0,1887	385,6	43,939	stainless steel	5D
T.318.360.1905.A	31,8	3,60	190,5	0,2000	409,7	48,987	music wire	5C
T.318.360.1905.I	31,8	3,60	190,5	0,1713	419,4	43,939	stainless steel	5D
T.318.380.0889.A	31,8	3,80	88,9	1,0000	139,2	56,797	music wire	5C
T.318.380.0889.I	31,8	3,80	88,9	0,8606	141,5	51,055	stainless steel	5C
T.318.380.1016.A	31,8	3,80	101,6	0,7444	169,3	56,797	music wire	5C
T.318.380.1016.I	31,8	3,80	101,6	0,6393	172,5	51,055	stainless steel	5C
T.318.380.1143.A	31,8	3,80	114,3	0,5921	199,4	56,797	music wire	5C
T.318.380.1143.I	31,8	3,80	114,3	0,5100	203,4	51,055	stainless steel	5C
T.318.380.1270.A	31,8	3,80	127,0	0,4916	229,5	56,797	music wire	5C
T.318.380.1270.I	31,8	3,80	127,0	0,4222	234,3	51,055	stainless steel	5C
T.318.380.1397.A	31,8	3,80	139,7	0,4202	259,6	56,797	music wire	5C
T.318.380.1397.I	31,8	3,80	139,7	0,3609	265,2	51,055	stainless steel	5C
T.318.380.1524.A	31,8	3,80	152,4	0,3670	289,7	56,797	music wire	5C
T.318.380.1524.I	31,8	3,80	152,4	0,3152	296,1	51,055	stainless steel	5C
T.318.380.1651.A	31,8	3,80	165,1	0,3257	319,8	56,797	music wire	5C
T.318.380.1651.I	31,8	3,80	165,1	0,2797	327,1	51,055	stainless steel	5D
T.318.380.1778.A	31,8	3,80	177,8	0,2928	349,9	56,797	music wire	5C
T.318.380.1778.I	31,8	3,80	177,8	0,2515	358,0	51,055	stainless steel	5D
T.318.380.1905.A	31,8	3,80	190,5	0,2659	380,1	56,797	music wire	5C
T.318.380.1905.I	31,8	3,80	190,5	0,2284	388,9	51,055	stainless steel	5D
T.318.380.2540.A	31,8	3,80	254,0	0,1822	530,6	56,797	music wire	5C
T.318.380.2540.I	31,8	3,80	254,0	0,1565	543,5	51,055	stainless steel	5D
T.318.400.3870.A	31,8	4,00	387,0	0,1448	785,2	65,327	music wire	5D
T.318.400.3870.I	31,8	4,00	387,0	0,1243	804,6	58,847	stainless steel	5D
T.318.420.1650.A	31,8	4,20	165,0	0,5555	282,9	74,596	music wire	5C
T.318.420.1650.I	31,8	4,20	165,0	0,4771	288,9	67,334	stainless steel	5D
T.318.420.1780.A	31,8	4,20	178,0	0,5000	309,3	74,596	music wire	5C
T.318.420.1780.I	31,8	4,20	178,0	0,4283	316,0	67,334	stainless steel	5D
T.318.420.2030.A	31,8	4,20	203,0	0,4166	360,1	74,596	music wire	5C
T.318.420.2030.I	31,8	4,20	203,0	0,3578	368,1	67,334	stainless steel	5D
T.318.420.3050.A	31,8	4,20	305,0	0,2493	567,6	74,596	music wire	5D
T.318.420.3050.I	31,8	4,20	305,0	0,2141	581,0	67,334	stainless steel	5D



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.318.420.3550.A	31,8	4,20	355,0	0,2083	669,3	74,596	music wire	5D
T.318.420.3550.I	31,8	4,20	355,0	0,1789	685,3	67,334	stainless steel	5D
T.318.450.2030.A	31,8	4,50	203,0	0,6043	332,6	89,924	music wire	5D
T.318.450.2030.I	31,8	4,50	203,0	0,5190	339,6	81,409	stainless steel	5E
T.318.450.3550.A	31,8	4,50	355,0	0,3030	613,4	89,924	music wire	5E
T.318.450.3550.I	31,8	4,50	355,0	0,2603	627,4	81,409	stainless steel	5E
T.318.470.1970.A	31,8	4,70	197,0	0,7959	307,1	101,114	music wire	5D
T.318.470.1970.I	31,8	4,70	197,0	0,6836	313,3	91,713	stainless steel	5E
T.320.200.1000.A	32,0	2,00	100,0	0,0287	418,5	9,547	music wire	4L
T.320.200.1000.I	32,0	2,00	100,0	0,0247	425,7	8,384	stainless steel	4L
T.320.200.1250.A	32,0	2,00	125,0	0,0180	633,2	9,547	music wire	4L
T.320.200.1250.I	32,0	2,00	125,0	0,0155	644,6	8,384	stainless steel	4M
T.320.200.1600.A	32,0	2,00	160,0	0,0118	933,6	9,547	music wire	4M
T.320.200.1600.I	32,0	2,00	160,0	0,0102	951,0	8,384	stainless steel	4M
T.320.200.2000.A	32,0	2,00	200,0	0,0085	1277,0	9,547	music wire	4M
T.320.200.2000.I	32,0	2,00	200,0	0,0073	1301,2	8,384	stainless steel	4M
T.320.200.2150.A	32,0	2,00	215,0	0,0077	1414,1	9,614	music wire	4M
T.320.200.2150.I	32,0	2,00	215,0	0,0066	1381,7	8,049	stainless steel	4M
T.320.200.3600.A	32,0	2,00	360,0	0,0040	2650,5	9,547	music wire	4N
T.320.200.3600.I	32,0	2,00	360,0	0,0034	2702,0	8,384	stainless steel	4N
T.320.220.1000.A	32,0	2,20	100,0	0,0466	353,3	12,459	music wire	4L
T.320.220.1000.I	32,0	2,20	100,0	0,0400	359,8	10,976	stainless steel	4M
T.320.220.1080.A	32,0	2,20	108,0	0,0392	411,3	12,560	music wire	4L
T.320.220.1080.I	32,0	2,20	108,0	0,0337	403,6	10,537	stainless steel	4M
T.320.220.1120.A	32,0	2,20	112,0	0,0364	439,1	12,560	music wire	4L
T.320.220.1120.I	32,0	2,20	112,0	0,0312	430,7	10,537	stainless steel	4M
T.320.220.1143.A	32,0	2,20	114,3	0,0348	455,9	12,560	music wire	4L
T.320.220.1143.I	32,0	2,20	114,3	0,0299	447,1	10,537	stainless steel	4M
T.320.220.1250.A	32,0	2,20	125,0	0,0293	527,0	12,459	music wire	4M
T.320.220.1250.I	32,0	2,20	125,0	0,0252	537,3	10,976	stainless steel	4M
T.320.220.1340.A	32,0	2,20	134,0	0,0259	592,9	12,560	music wire	4M
T.320.220.1340.I	32,0	2,20	134,0	0,0223	581,2	10,537	stainless steel	4M
T.320.220.1560.A	32,0	2,20	156,0	0,0201	746,8	12,560	music wire	4M
T.320.220.1560.I	32,0	2,20	156,0	0,0173	731,7	10,537	stainless steel	4M
T.320.220.1600.A	32,0	2,20	160,0	0,0193	770,1	12,459	music wire	4M
T.320.220.1600.I	32,0	2,20	160,0	0,0166	785,7	10,976	stainless steel	4M
T.320.220.2000.A	32,0	2,20	200,0	0,0139	1047,9	12,459	music wire	4M
T.320.220.2000.I	32,0	2,20	200,0	0,0120	1069,7	10,976	stainless steel	4M
T.320.220.3600.A	32,0	2,20	360,0	0,0066	2159,4	12,459	music wire	4N
T.320.220.3600.I	32,0	2,20	360,0	0,0056	2205,5	10,976	stainless steel	4O
T.320.230.1020.A	32,0	2,30	102,0	0,0558	342,0	14,225	music wire	4L
T.320.230.1020.I	32,0	2,30	102,0	0,0479	336,0	11,945	stainless steel	4M
T.320.230.1080.A	32,0	2,30	108,0	0,0492	380,0	14,225	music wire	4L
T.320.230.1080.I	32,0	2,30	108,0	0,0423	373,2	11,945	stainless steel	4M
T.320.230.1150.A	32,0	2,30	115,0	0,0432	425,1	14,225	music wire	4M
T.320.230.1150.I	32,0	2,30	115,0	0,0371	417,4	11,945	stainless steel	4M
T.320.230.1520.A	32,0	2,30	152,0	0,0263	660,2	14,225	music wire	4M
T.320.230.1520.I	32,0	2,30	152,0	0,0226	647,6	11,945	stainless steel	4M
T.320.230.1650.A	32,0	2,30	165,0	0,0232	742,1	14,225	music wire	4M
T.320.230.1650.I	32,0	2,30	165,0	0,0199	727,8	11,945	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.320.250.1000.A	32,0	2,50	100,0	0,0891	286,0	17,788	music wire	4M
T.320.250.1000.I	32,0	2,50	100,0	0,0765	291,6	15,739	stainless steel	4M
T.320.250.1250.A	32,0	2,50	125,0	0,0566	417,9	17,788	music wire	4M
T.320.250.1250.I	32,0	2,50	125,0	0,0486	426,7	15,739	stainless steel	4M
T.320.250.1600.A	32,0	2,50	160,0	0,0374	602,5	17,788	music wire	4M
T.320.250.1600.I	32,0	2,50	160,0	0,0322	615,9	15,739	stainless steel	4M
T.320.250.2000.A	32,0	2,50	200,0	0,0270	813,6	17,788	music wire	4M
T.320.250.2000.I	32,0	2,50	200,0	0,0232	832,1	15,739	stainless steel	4M
T.320.250.3600.A	32,0	2,50	360,0	0,0128	1657,7	17,788	music wire	4O
T.320.250.3600.I	32,0	2,50	360,0	0,0110	1696,9	15,739	stainless steel	4O
T.320.280.1000.A	32,0	2,80	100,0	0,1586	241,1	24,361	music wire	4M
T.320.280.1000.I	32,0	2,80	100,0	0,1362	246,0	21,643	stainless steel	4M
T.320.280.1250.A	32,0	2,80	125,0	0,1015	345,6	24,361	music wire	4M
T.320.280.1250.I	32,0	2,80	125,0	0,0872	353,2	21,643	stainless steel	4M
T.320.280.1600.A	32,0	2,80	160,0	0,0675	491,9	24,361	music wire	4M
T.320.280.1600.I	32,0	2,80	160,0	0,0579	503,3	21,643	stainless steel	4M
T.320.280.2000.A	32,0	2,80	200,0	0,0488	659,0	24,361	music wire	4M
T.320.280.2000.I	32,0	2,80	200,0	0,0419	674,8	21,643	stainless steel	4N
T.320.280.3600.A	32,0	2,80	360,0	0,0231	1327,7	24,361	music wire	4O
T.320.280.3600.I	32,0	2,80	360,0	0,0199	1360,9	21,643	stainless steel	4O
T.320.300.0810.A	32,0	3,00	81,0	0,3889	150,9	29,837	music wire	4M
T.320.300.0810.I	32,0	3,00	81,0	0,3340	149,5	25,211	stainless steel	4M
T.320.300.0830.A	32,0	3,00	83,0	0,3638	157,8	29,837	music wire	4M
T.320.300.0830.I	32,0	3,00	83,0	0,3125	156,3	25,211	stainless steel	4M
T.320.300.0850.A	32,0	3,00	85,0	0,3383	165,4	29,837	music wire	4M
T.320.300.0850.I	32,0	3,00	85,0	0,2906	163,8	25,211	stainless steel	4M
T.320.300.0950.A	32,0	3,00	95,0	0,2544	201,9	29,837	music wire	4M
T.320.300.0950.I	32,0	3,00	95,0	0,2185	199,8	25,211	stainless steel	4M
T.320.300.1020.A	32,0	3,00	102,0	0,2155	228,2	29,837	music wire	4M
T.320.300.1020.I	32,0	3,00	102,0	0,1851	225,7	25,211	stainless steel	4M
T.320.300.1050.A	32,0	3,00	105,0	0,2026	239,3	29,837	music wire	4M
T.320.300.1050.I	32,0	3,00	105,0	0,1740	236,5	25,211	stainless steel	4M
T.320.300.1150.A	32,0	3,00	115,0	0,1692	275,8	29,837	music wire	4M
T.320.300.1150.I	32,0	3,00	115,0	0,1453	272,5	25,211	stainless steel	4M
T.320.300.1280.A	32,0	3,00	128,0	0,1390	321,3	29,484	music wire	4M
T.320.300.1280.I	32,0	3,00	128,0	0,1194	328,5	26,261	stainless steel	4M
T.320.300.1330.A	32,0	3,00	133,0	0,1301	342,0	29,837	music wire	4M
T.320.300.1330.I	32,0	3,00	133,0	0,1118	337,8	25,211	stainless steel	4M
T.320.300.1460.A	32,0	3,00	146,0	0,1115	387,0	29,484	music wire	4M
T.320.300.1460.I	32,0	3,00	146,0	0,0958	395,9	26,261	stainless steel	4M
T.320.300.1480.A	32,0	3,00	148,0	0,1091	397,2	29,837	music wire	4M
T.320.300.1480.I	32,0	3,00	148,0	0,0937	392,2	25,211	stainless steel	4M
T.320.300.1670.A	32,0	3,00	167,0	0,0906	463,6	29,484	music wire	4M
T.320.300.1670.I	32,0	3,00	167,0	0,0778	474,6	26,261	stainless steel	4M
T.320.300.1850.A	32,0	3,00	185,0	0,0781	529,3	29,484	music wire	4M
T.320.300.1850.I	32,0	3,00	185,0	0,0671	542,0	26,261	stainless steel	4M
T.320.300.1930.A	32,0	3,00	193,0	0,0736	562,8	29,837	music wire	4M
T.320.300.1930.I	32,0	3,00	193,0	0,0632	555,3	25,211	stainless steel	4N
T.320.300.2060.A	32,0	3,00	206,0	0,0672	605,9	29,484	music wire	4N
T.320.300.2060.I	32,0	3,00	206,0	0,0577	620,7	26,261	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.320.300.2300.A	32,0	3,00	230,0	0,0580	693,4	29,484	music wire	4N
T.320.300.2300.I	32,0	3,00	230,0	0,0498	710,6	26,261	stainless steel	4N
T.320.300.2410.A	32,0	3,00	241,0	0,0546	739,4	29,837	music wire	4N
T.320.300.2410.I	32,0	3,00	241,0	0,0469	729,4	25,211	stainless steel	4N
T.320.300.2540.A	32,0	3,00	254,0	0,0510	781,0	29,484	music wire	4N
T.320.300.2540.I	32,0	3,00	254,0	0,0438	800,5	26,261	stainless steel	4N
T.320.320.1000.A	32,0	3,20	100,0	0,3138	201,6	35,232	music wire	4M
T.320.320.1000.I	32,0	3,20	100,0	0,2695	205,6	31,456	stainless steel	4M
T.320.320.1250.A	32,0	3,20	125,0	0,2027	282,3	35,232	music wire	4M
T.320.320.1250.I	32,0	3,20	125,0	0,1741	288,5	31,456	stainless steel	4M
T.320.320.1600.A	32,0	3,20	160,0	0,1355	395,3	35,232	music wire	4M
T.320.320.1600.I	32,0	3,20	160,0	0,1164	404,6	31,456	stainless steel	4M
T.320.320.2000.A	32,0	3,20	200,0	0,0983	524,4	35,232	music wire	4N
T.320.320.2000.I	32,0	3,20	200,0	0,0844	537,2	31,456	stainless steel	4N
T.320.320.3600.A	32,0	3,20	360,0	0,0468	1040,9	35,232	music wire	4O
T.320.320.3600.I	32,0	3,20	360,0	0,0402	1067,8	31,456	stainless steel	4O
T.320.360.1000.A	32,0	3,60	100,0	0,5746	175,7	48,698	music wire	5C
T.320.360.1000.I	32,0	3,60	100,0	0,4935	179,1	43,680	stainless steel	5C
T.320.360.1250.A	32,0	3,60	125,0	0,3745	241,1	48,698	music wire	5C
T.320.360.1250.I	32,0	3,60	125,0	0,3217	246,3	43,680	stainless steel	5C
T.320.360.1540.A	32,0	3,60	154,0	0,2668	317,1	48,698	music wire	5C
T.320.360.1540.I	32,0	3,60	154,0	0,2291	324,3	43,680	stainless steel	5C
T.320.360.1600.A	32,0	3,60	160,0	0,2518	332,8	48,698	music wire	5C
T.320.360.1600.I	32,0	3,60	160,0	0,2163	340,4	43,680	stainless steel	5C
T.320.360.1790.A	32,0	3,60	179,0	0,2138	382,5	48,698	music wire	5C
T.320.360.1790.I	32,0	3,60	179,0	0,1836	391,5	43,680	stainless steel	5D
T.320.360.2000.A	32,0	3,60	200,0	0,1832	437,5	48,698	music wire	5C
T.320.360.2000.I	32,0	3,60	200,0	0,1573	448,0	43,680	stainless steel	5D
T.320.360.2050.A	32,0	3,60	205,0	0,1772	450,6	48,698	music wire	5C
T.320.360.2050.I	32,0	3,60	205,0	0,1522	461,4	43,680	stainless steel	5D
T.320.360.2300.A	32,0	3,60	230,0	0,1521	516,0	48,698	music wire	5C
T.320.360.2300.I	32,0	3,60	230,0	0,1306	528,7	43,680	stainless steel	5D
T.320.360.3600.A	32,0	3,60	360,0	0,0877	856,3	48,698	music wire	5D
T.320.360.3600.I	32,0	3,60	360,0	0,0753	878,3	43,680	stainless steel	5D
T.320.380.2286.A	32,0	3,80	228,6	0,2046	477,4	57,324	music wire	5C
T.320.380.2286.I	32,0	3,80	228,6	0,1757	473,5	48,726	stainless steel	5D
T.320.450.0863.A	32,0	4,50	86,3	2,5249	117,2	89,411	music wire	5D
T.320.450.0863.I	32,0	4,50	86,3	2,1687	118,8	80,945	stainless steel	5E
T.320.450.1130.A	32,0	4,50	113,0	1,4463	166,9	89,411	music wire	5D
T.320.450.1130.I	32,0	4,50	113,0	1,2422	169,8	80,945	stainless steel	5E
T.320.450.1540.A	32,0	4,50	154,0	0,8734	243,2	89,411	music wire	5D
T.320.450.1540.I	32,0	4,50	154,0	0,7501	248,0	80,945	stainless steel	5E
T.320.450.2210.A	32,0	4,50	221,0	0,5302	368,0	89,411	music wire	5D
T.320.450.2210.I	32,0	4,50	221,0	0,4554	375,9	80,945	stainless steel	5E
T.325.340.1780.A	32,5	3,40	178,0	0,1525	420,3	41,021	music wire	4N
T.325.340.1780.I	32,5	3,40	178,0	0,1310	430,4	36,712	stainless steel	4N
T.330.230.2150.A	33,0	2,30	215,0	0,0145	1112,9	13,806	music wire	4M
T.330.230.2150.I	33,0	2,30	215,0	0,0125	1090,8	11,593	stainless steel	4M
T.330.230.2980.A	33,0	2,30	298,0	0,0095	1674,0	13,806	music wire	4N
T.330.230.2980.I	33,0	2,30	298,0	0,0081	1640,1	11,593	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.330.230.3240.A	33,0	2,30	324,0	0,0086	1849,7	13,806	music wire	4N
T.330.230.3240.I	33,0	2,30	324,0	0,0073	1812,0	11,593	stainless steel	4N
T.330.240.1520.A	33,0	2,40	152,0	0,0304	632,8	15,552	music wire	4M
T.330.240.1520.I	33,0	2,40	152,0	0,0261	621,3	13,072	stainless steel	4M
T.330.250.0889.A	33,0	2,50	88,9	0,1150	230,7	17,432	music wire	4L
T.330.250.0889.I	33,0	2,50	88,9	0,0987	227,4	14,666	stainless steel	4M
T.330.250.1016.A	33,0	2,50	101,6	0,0815	301,5	17,432	music wire	4M
T.330.250.1016.I	33,0	2,50	101,6	0,0700	296,8	14,666	stainless steel	4M
T.330.250.1143.A	33,0	2,50	114,3	0,0629	373,5	17,432	music wire	4M
T.330.250.1143.I	33,0	2,50	114,3	0,0540	367,4	14,666	stainless steel	4M
T.330.250.1300.A	33,0	2,50	130,0	0,0490	462,4	17,432	music wire	4M
T.330.250.1300.I	33,0	2,50	130,0	0,0421	454,6	14,666	stainless steel	4M
T.330.250.1480.A	33,0	2,50	148,0	0,0392	564,1	17,432	music wire	4M
T.330.250.1480.I	33,0	2,50	148,0	0,0337	554,4	14,666	stainless steel	4M
T.330.250.1520.A	33,0	2,50	152,0	0,0375	586,7	17,432	music wire	4M
T.330.250.1520.I	33,0	2,50	152,0	0,0322	576,5	14,666	stainless steel	4M
T.330.250.1650.A	33,0	2,50	165,0	0,0329	660,1	17,432	music wire	4M
T.330.250.1650.I	33,0	2,50	165,0	0,0283	648,6	14,666	stainless steel	4M
T.330.250.1790.A	33,0	2,50	179,0	0,0291	739,2	17,432	music wire	4M
T.330.250.1790.I	33,0	2,50	179,0	0,0250	726,1	14,666	stainless steel	4M
T.330.250.1850.A	33,0	2,50	185,0	0,0277	773,1	17,432	music wire	4M
T.330.250.1850.I	33,0	2,50	185,0	0,0238	759,4	14,666	stainless steel	4M
T.330.250.1990.A	33,0	2,50	199,0	0,0250	852,2	17,432	music wire	4M
T.330.250.1990.I	33,0	2,50	199,0	0,0214	836,9	14,666	stainless steel	4M
T.330.250.2030.A	33,0	2,50	203,0	0,0243	874,8	17,432	music wire	4M
T.330.250.2030.I	33,0	2,50	203,0	0,0208	859,1	14,666	stainless steel	4N
T.330.250.2050.A	33,0	2,50	205,0	0,0239	886,1	17,432	music wire	4M
T.330.250.2050.I	33,0	2,50	205,0	0,0206	870,2	14,666	stainless steel	4N
T.330.250.2250.A	33,0	2,50	225,0	0,0211	999,0	17,432	music wire	4N
T.330.250.2250.I	33,0	2,50	225,0	0,0181	981,0	14,666	stainless steel	4N
T.330.250.6730.A	33,0	2,50	673,0	0,0057	3529,7	17,432	music wire	4Q
T.330.250.6730.I	33,0	2,50	673,0	0,0049	3463,2	14,666	stainless steel	4Q
T.330.340.1240.A	33,0	3,40	124,0	0,2612	265,5	40,983	music wire	4M
T.330.340.1240.I	33,0	3,40	124,0	0,2243	263,0	34,736	stainless steel	4M
T.330.340.2150.A	33,0	3,40	215,0	0,1122	544,6	40,983	music wire	4N
T.330.340.2150.I	33,0	3,40	215,0	0,0963	538,7	34,736	stainless steel	4N
T.330.340.2290.A	33,0	3,40	229,0	0,1031	587,4	40,983	music wire	4N
T.330.340.2290.I	33,0	3,40	229,0	0,0886	581,1	34,736	stainless steel	4N
T.330.340.2410.A	33,0	3,40	241,0	0,0963	624,8	40,983	music wire	4N
T.330.340.2410.I	33,0	3,40	241,0	0,0827	618,0	34,736	stainless steel	4N
T.330.340.3240.A	33,0	3,40	324,0	0,0665	879,6	40,983	music wire	4O
T.330.340.3240.I	33,0	3,40	324,0	0,0571	869,8	34,736	stainless steel	4O
T.330.340.4200.A	33,0	3,40	420,0	0,0490	1174,2	40,983	music wire	4O
T.330.340.4200.I	33,0	3,40	420,0	0,0421	1160,9	34,736	stainless steel	4P
T.333.340.3050.A	33,3	3,40	305,0	0,0697	824,6	40,086	music wire	4O
T.333.340.3050.I	33,3	3,40	305,0	0,0600	846,4	35,874	stainless steel	4O
T.334.580.1000.A	33,4	5,80	100,0	6,3028	123,4	173,472	music wire	5E
T.334.580.1000.I	33,4	5,80	100,0	5,4134	123,3	149,242	stainless steel	5G
T.334.580.2030.A	33,4	5,80	203,0	2,0706	272,7	169,752	music wire	5F
T.334.580.2030.I	33,4	5,80	203,0	1,7784	277,3	155,460	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.334.580.2600.A	33,4	5,80	260,0	1,5102	355,6	169,752	music wire	5F
T.334.580.2600.I	33,4	5,80	260,0	1,2971	361,9	155,460	stainless steel	5G
T.335.580.1020.A	33,5	5,80	102,0	6,0270	126,4	173,022	music wire	5E
T.335.580.1020.I	33,5	5,80	102,0	5,1765	126,3	148,855	stainless steel	5G
T.342.580.0830.A	34,2	5,80	83,0	9,1509	98,8	169,929	music wire	5E
T.342.580.0830.I	34,2	5,80	83,0	7,8596	98,7	146,194	stainless steel	5G
T.345.250.0797.A	34,5	2,50	79,7	0,1668	172,9	16,538	music wire	4L
T.345.250.0797.I	34,5	2,50	79,7	0,1433	175,7	14,633	stainless steel	4M
T.345.250.1000.A	34,5	2,50	100,0	0,0789	299,1	16,697	music wire	4M
T.345.250.1000.I	34,5	2,50	100,0	0,0677	294,5	14,047	stainless steel	4M
T.345.250.1120.A	34,5	2,50	112,0	0,0600	370,7	16,538	music wire	4M
T.345.250.1120.I	34,5	2,50	112,0	0,0516	378,5	14,633	stainless steel	4M
T.345.250.1490.A	34,5	2,50	149,0	0,0347	597,2	16,538	music wire	4M
T.345.250.1490.I	34,5	2,50	149,0	0,0298	610,7	14,633	stainless steel	4M
T.345.250.1840.A	34,5	2,50	184,0	0,0248	811,5	16,538	music wire	4M
T.345.250.1840.I	34,5	2,50	184,0	0,0213	830,4	14,633	stainless steel	4M
T.345.250.2000.A	34,5	2,50	200,0	0,0219	916,3	16,697	music wire	4M
T.345.250.2000.I	34,5	2,50	200,0	0,0188	899,8	14,047	stainless steel	4N
T.349.450.1970.A	34,9	4,50	197,0	0,4756	349,8	82,557	music wire	5D
T.349.450.1970.I	34,9	4,50	197,0	0,4085	358,0	74,739	stainless steel	5E
T.349.470.4000.A	34,9	4,70	400,0	0,2464	730,2	92,889	music wire	5E
T.349.470.4000.I	34,9	4,70	400,0	0,2116	748,7	84,252	stainless steel	5F
T.349.480.3550.A	34,9	4,80	355,0	0,3177	625,4	98,333	music wire	5E
T.349.480.3550.I	34,9	4,80	355,0	0,2729	640,8	89,274	stainless steel	5E
T.350.380.6850.A	35,0	3,80	685,0	0,0424	1782,0	51,902	music wire	5D
T.350.380.6850.I	35,0	3,80	685,0	0,0364	1833,1	46,655	stainless steel	5E
T.350.420.1400.A	35,0	4,20	140,0	0,5517	249,7	68,242	music wire	5C
T.350.420.1400.I	35,0	4,20	140,0	0,4738	255,3	61,598	stainless steel	5D
T.350.420.2030.A	35,0	4,20	203,0	0,3130	396,4	68,242	music wire	5D
T.350.420.2030.I	35,0	4,20	203,0	0,2688	406,3	61,598	stainless steel	5D
T.350.420.3000.A	35,0	4,20	300,0	0,1877	627,8	69,381	music wire	5D
T.350.420.3000.I	35,0	4,20	300,0	0,1612	623,6	59,134	stainless steel	5D
T.350.500.0900.A	35,0	5,00	90,0	3,3689	118,3	109,502	music wire	5E
T.350.500.0900.I	35,0	5,00	90,0	2,8935	119,9	99,595	stainless steel	5F
T.352.320.0876.A	35,2	3,20	87,6	0,3893	163,2	32,166	music wire	4M
T.352.320.0876.I	35,2	3,20	87,6	0,3343	166,2	28,719	stainless steel	4M
T.352.320.0908.A	35,2	3,20	90,8	0,3477	175,4	32,166	music wire	4M
T.352.320.0908.I	35,2	3,20	90,8	0,2987	178,8	28,719	stainless steel	4M
T.352.320.1000.A	35,2	3,20	100,0	0,2672	211,5	32,578	music wire	4M
T.352.320.1000.I	35,2	3,20	100,0	0,2295	209,5	27,570	stainless steel	4M
T.352.320.1200.A	35,2	3,20	120,0	0,1762	289,1	32,578	music wire	4M
T.352.320.1200.I	35,2	3,20	120,0	0,1514	286,0	27,570	stainless steel	4M
T.352.320.1290.A	35,2	3,20	129,0	0,1530	321,4	32,166	music wire	4M
T.352.320.1290.I	35,2	3,20	129,0	0,1314	329,0	28,719	stainless steel	4M
T.352.320.1600.A	35,2	3,20	160,0	0,1052	443,4	32,578	music wire	4M
T.352.320.1600.I	35,2	3,20	160,0	0,0903	438,2	27,570	stainless steel	4N
T.352.320.1770.A	35,2	3,20	177,0	0,0900	504,8	32,166	music wire	4N
T.352.320.1770.I	35,2	3,20	177,0	0,0771	517,7	28,719	stainless steel	4N
T.352.320.1990.A	35,2	3,20	199,0	0,0755	588,8	32,166	music wire	4N
T.352.320.1990.I	35,2	3,20	199,0	0,0648	604,3	28,719	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.352.320.2220.A	35,2	3,20	222,0	0,0647	676,7	32,166	music wire	4N
T.352.320.2220.I	35,2	3,20	222,0	0,0556	694,7	28,719	stainless steel	4N
T.352.320.2470.A	35,2	3,20	247,0	0,0560	772,2	32,166	music wire	4N
T.352.320.2470.I	35,2	3,20	247,0	0,0481	793,0	28,719	stainless steel	4N
T.352.320.2730.A	35,2	3,20	273,0	0,0492	871,6	32,166	music wire	4N
T.352.320.2730.I	35,2	3,20	273,0	0,0422	895,3	28,719	stainless steel	4O
T.352.320.2980.A	35,2	3,20	298,0	0,0440	967,1	32,166	music wire	4O
T.352.320.2980.I	35,2	3,20	298,0	0,0378	993,6	28,719	stainless steel	4O
T.358.580.3240.A	35,8	5,80	324,0	0,9179	473,2	159,725	music wire	5F
T.358.580.3240.I	35,8	5,80	324,0	0,7884	483,1	146,277	stainless steel	5H
T.360.300.1720.A	36,0	3,00	172,0	0,0632	557,1	26,332	music wire	4M
T.360.300.1720.I	36,0	3,00	172,0	0,0543	571,3	23,453	stainless steel	4N
T.360.320.0826.A	36,0	3,20	82,6	0,4796	142,8	31,480	music wire	4M
T.360.320.0826.I	36,0	3,20	82,6	0,4119	145,2	28,107	stainless steel	4M
T.360.320.0830.A	36,0	3,20	83,0	0,4730	144,8	31,883	music wire	4M
T.360.320.0830.I	36,0	3,20	83,0	0,4063	143,7	26,983	stainless steel	4M
T.360.320.0890.A	36,0	3,20	89,0	0,3647	169,2	31,883	music wire	4M
T.360.320.0890.I	36,0	3,20	89,0	0,3133	167,7	26,983	stainless steel	4M
T.360.320.0920.A	36,0	3,20	92,0	0,3290	180,9	31,883	music wire	4M
T.360.320.0920.I	36,0	3,20	92,0	0,2826	179,2	26,983	stainless steel	4M
T.360.320.0950.A	36,0	3,20	95,0	0,2968	193,5	31,883	music wire	4M
T.360.320.0950.I	36,0	3,20	95,0	0,2549	191,7	26,983	stainless steel	4M
T.360.320.1020.A	36,0	3,20	102,0	0,2446	220,0	31,480	music wire	4M
T.360.320.1020.I	36,0	3,20	102,0	0,2100	224,7	28,107	stainless steel	4M
T.360.320.1310.A	36,0	3,20	131,0	0,1412	335,5	31,480	music wire	4M
T.360.320.1310.I	36,0	3,20	131,0	0,1213	343,6	28,107	stainless steel	4M
T.360.320.1790.A	36,0	3,20	179,0	0,0831	526,6	31,480	music wire	4N
T.360.320.1790.I	36,0	3,20	179,0	0,0714	540,3	28,107	stainless steel	4N
T.360.320.2430.A	36,0	3,20	243,0	0,0536	781,3	31,480	music wire	4N
T.360.320.2430.I	36,0	3,20	243,0	0,0461	802,6	28,107	stainless steel	4N
T.360.400.1040.A	36,0	4,00	104,0	0,7235	175,9	58,166	music wire	5C
T.360.400.1040.I	36,0	4,00	104,0	0,6214	179,4	52,396	stainless steel	5D
T.360.400.1600.A	36,0	4,00	160,0	0,3184	323,4	58,166	music wire	5C
T.360.400.1600.I	36,0	4,00	160,0	0,2734	331,4	52,396	stainless steel	5D
T.360.400.2120.A	36,0	4,00	212,0	0,2100	460,4	58,166	music wire	5D
T.360.400.2120.I	36,0	4,00	212,0	0,1799	472,5	52,396	stainless steel	5D
T.360.400.2360.A	36,0	4,00	236,0	0,1809	523,6	58,166	music wire	5D
T.360.400.2360.I	36,0	4,00	236,0	0,1554	537,7	52,396	stainless steel	5D
T.360.400.2640.A	36,0	4,00	264,0	0,1561	597,4	58,166	music wire	5D
T.360.400.2640.I	36,0	4,00	264,0	0,1340	613,7	52,396	stainless steel	5D
T.360.400.2960.A	36,0	4,00	296,0	0,1349	681,7	58,166	music wire	5D
T.360.400.2960.I	36,0	4,00	296,0	0,1159	700,5	52,396	stainless steel	5D
T.360.400.3280.A	36,0	4,00	328,0	0,1188	766,0	58,166	music wire	5D
T.360.400.3280.I	36,0	4,00	328,0	0,1020	787,4	52,396	stainless steel	5D
T.360.400.3600.A	36,0	4,00	360,0	0,1061	850,3	58,166	music wire	5D
T.360.400.3600.I	36,0	4,00	360,0	0,0911	874,2	52,396	stainless steel	5D
T.360.500.0966.A	36,0	5,00	96,6	2,6986	131,1	106,723	music wire	5E
T.360.500.0966.I	36,0	5,00	96,6	2,3178	133,2	97,067	stainless steel	5G
T.360.500.1270.A	36,0	5,00	127,0	1,5266	188,0	106,723	music wire	5E
T.360.500.1270.I	36,0	5,00	127,0	1,3112	191,6	97,067	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.360.500.1720.A	36,0	5,00	172,0	0,9293	272,2	106,723	music wire	5E
T.360.500.1720.I	36,0	5,00	172,0	0,8000	278,1	97,067	stainless steel	5G
T.360.500.2470.A	36,0	5,00	247,0	0,5624	412,6	106,723	music wire	5F
T.360.500.2470.I	36,0	5,00	247,0	0,4831	422,4	97,067	stainless steel	5G
T.370.320.1030.A	37,0	3,20	103,0	0,2286	228,0	31,055	music wire	4M
T.370.320.1030.I	37,0	3,20	103,0	0,1964	225,7	26,282	stainless steel	4M
T.370.320.1080.A	37,0	3,20	108,0	0,2034	248,5	31,055	music wire	4M
T.370.320.1080.I	37,0	3,20	108,0	0,1747	245,9	26,282	stainless steel	4M
T.370.320.1100.A	37,0	3,20	110,0	0,1948	256,7	31,055	music wire	4M
T.370.320.1100.I	37,0	3,20	110,0	0,1673	254,0	26,282	stainless steel	4M
T.370.320.1150.A	37,0	3,20	115,0	0,1751	278,2	31,055	music wire	4M
T.370.320.1150.I	37,0	3,20	115,0	0,1504	275,2	26,282	stainless steel	4M
T.370.320.1520.A	37,0	3,20	152,0	0,1010	435,0	31,055	music wire	4M
T.370.320.1520.I	37,0	3,20	152,0	0,0867	429,9	26,282	stainless steel	4N
T.370.320.1560.A	37,0	3,20	156,0	0,0967	451,4	31,055	music wire	4N
T.370.320.1560.I	37,0	3,20	156,0	0,0831	446,0	26,282	stainless steel	4N
T.370.320.1580.A	37,0	3,20	158,0	0,0947	459,6	31,055	music wire	4N
T.370.320.1580.I	37,0	3,20	158,0	0,0814	454,1	26,282	stainless steel	4N
T.370.320.1650.A	37,0	3,20	165,0	0,0881	489,4	31,055	music wire	4N
T.370.320.1650.I	37,0	3,20	165,0	0,0757	483,4	26,282	stainless steel	4N
T.370.320.1780.A	37,0	3,20	178,0	0,0779	544,7	31,055	music wire	4N
T.370.320.1780.I	37,0	3,20	178,0	0,0669	538,0	26,282	stainless steel	4N
T.370.320.1850.A	37,0	3,20	185,0	0,0734	574,4	31,055	music wire	4N
T.370.320.1850.I	37,0	3,20	185,0	0,0630	567,3	26,282	stainless steel	4N
T.370.320.2030.A	37,0	3,20	203,0	0,0639	650,3	31,055	music wire	4N
T.370.320.2030.I	37,0	3,20	203,0	0,0549	642,1	26,282	stainless steel	4N
T.370.320.2210.A	37,0	3,20	221,0	0,0566	726,1	31,055	music wire	4N
T.370.320.2210.I	37,0	3,20	221,0	0,0486	716,9	26,282	stainless steel	4N
T.370.320.2290.A	37,0	3,20	229,0	0,0538	760,0	31,055	music wire	4N
T.370.320.2290.I	37,0	3,20	229,0	0,0462	750,3	26,282	stainless steel	4N
T.370.320.2540.A	37,0	3,20	254,0	0,0467	865,5	31,055	music wire	4N
T.370.320.2540.I	37,0	3,20	254,0	0,0401	854,4	26,282	stainless steel	4O
T.370.400.2250.A	37,0	4,00	225,0	0,1779	515,5	57,586	music wire	5D
T.370.400.2250.I	37,0	4,00	225,0	0,1528	511,5	49,016	stainless steel	5D
T.370.400.2770.A	37,0	4,00	277,0	0,1349	660,0	57,586	music wire	5D
T.370.400.2770.I	37,0	4,00	277,0	0,1159	654,8	49,016	stainless steel	5D
T.370.400.3090.A	37,0	4,00	309,0	0,1174	749,0	57,586	music wire	5D
T.370.400.3090.I	37,0	4,00	309,0	0,1009	742,9	49,016	stainless steel	5D
T.370.400.6850.A	37,0	4,00	685,0	0,0466	1776,4	56,681	music wire	5E
T.370.400.6850.I	37,0	4,00	685,0	0,0400	1829,7	51,059	stainless steel	5E
T.381.300.1143.A	38,1	3,00	114,3	0,1215	305,2	24,930	music wire	4M
T.381.300.1143.I	38,1	3,00	114,3	0,1044	312,2	22,204	stainless steel	4M
T.381.300.1270.A	38,1	3,00	127,0	0,0957	369,4	24,930	music wire	4M
T.381.300.1270.I	38,1	3,00	127,0	0,0822	378,3	22,204	stainless steel	4M
T.381.300.1397.A	38,1	3,00	139,7	0,0790	433,5	24,930	music wire	4M
T.381.300.1397.I	38,1	3,00	139,7	0,0678	444,4	22,204	stainless steel	4M
T.381.300.1524.A	38,1	3,00	152,4	0,0672	497,7	24,930	music wire	4M
T.381.300.1524.I	38,1	3,00	152,4	0,0577	510,5	22,204	stainless steel	4M
T.381.300.1651.A	38,1	3,00	165,1	0,0585	561,9	24,930	music wire	4M
T.381.300.1651.I	38,1	3,00	165,1	0,0502	576,5	22,204	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.381.300.1778.A	38,1	3,00	177,8	0,0518	626,0	24,930	music wire	4N
T.381.300.1778.I	38,1	3,00	177,8	0,0445	642,6	22,204	stainless steel	4N
T.381.300.1905.A	38,1	3,00	190,5	0,0464	690,2	24,930	music wire	4N
T.381.300.1905.I	38,1	3,00	190,5	0,0399	708,7	22,204	stainless steel	4N
T.381.300.2032.A	38,1	3,00	203,2	0,0421	754,4	24,930	music wire	4N
T.381.300.2032.I	38,1	3,00	203,2	0,0362	774,8	22,204	stainless steel	4N
T.381.340.2920.A	38,1	3,40	292,0	0,0490	951,3	35,248	music wire	4O
T.381.340.2920.I	38,1	3,40	292,0	0,0421	978,9	31,545	stainless steel	4O
T.381.340.3620.A	38,1	3,40	362,0	0,0374	1225,5	35,248	music wire	4O
T.381.340.3620.I	38,1	3,40	362,0	0,0321	1261,7	31,545	stainless steel	4P
T.381.360.1850.A	38,1	3,60	185,0	0,1254	484,7	41,268	music wire	5C
T.381.360.1850.I	38,1	3,60	185,0	0,1077	498,0	37,015	stainless steel	5D
T.381.380.1143.A	38,1	3,80	114,3	0,4041	221,6	47,889	music wire	5C
T.381.380.1143.I	38,1	3,80	114,3	0,3471	226,6	43,048	stainless steel	5C
T.381.380.1270.A	38,1	3,80	127,0	0,3216	261,8	47,889	music wire	5C
T.381.380.1270.I	38,1	3,80	127,0	0,2762	268,1	43,048	stainless steel	5C
T.381.380.1397.A	38,1	3,80	139,7	0,2671	302,0	47,889	music wire	5C
T.381.380.1397.I	38,1	3,80	139,7	0,2294	309,6	43,048	stainless steel	5D
T.381.380.1524.A	38,1	3,80	152,4	0,2283	342,2	47,889	music wire	5C
T.381.380.1524.I	38,1	3,80	152,4	0,1961	351,1	43,048	stainless steel	5D
T.381.380.1651.A	38,1	3,80	165,1	0,2000	382,5	47,889	music wire	5C
T.381.380.1651.I	38,1	3,80	165,1	0,1713	392,6	43,048	stainless steel	5D
T.381.380.1778.A	38,1	3,80	177,8	0,1770	422,7	47,889	music wire	5C
T.381.380.1778.I	38,1	3,80	177,8	0,1520	434,1	43,048	stainless steel	5D
T.381.380.1905.A	38,1	3,80	190,5	0,1591	462,9	47,889	music wire	5C
T.381.380.1905.I	38,1	3,80	190,5	0,1367	475,6	43,048	stainless steel	5D
T.381.380.2032.A	38,1	3,80	203,2	0,1445	503,1	47,889	music wire	5C
T.381.380.2032.I	38,1	3,80	203,2	0,1241	517,1	43,048	stainless steel	5D
T.381.380.3550.A	38,1	3,80	355,0	0,0689	983,9	47,889	music wire	5D
T.381.380.3550.I	38,1	3,80	355,0	0,0592	1013,2	43,048	stainless steel	5D
T.381.420.2150.A	38,1	4,20	215,0	0,2257	464,9	63,015	music wire	5D
T.381.420.2150.I	38,1	4,20	215,0	0,1939	477,7	56,880	stainless steel	5D
T.381.420.4570.A	38,1	4,20	457,0	0,0869	1106,4	63,015	music wire	5D
T.381.420.4570.I	38,1	4,20	457,0	0,0746	1139,5	56,880	stainless steel	5E
T.381.420.4920.A	38,1	4,20	492,0	0,0800	1199,2	63,015	music wire	5D
T.381.420.4920.I	38,1	4,20	492,0	0,0685	1235,2	56,880	stainless steel	5E
T.381.420.6850.A	38,1	4,20	685,0	0,0550	1710,8	63,015	music wire	5E
T.381.420.6850.I	38,1	4,20	685,0	0,0472	1763,0	56,880	stainless steel	5E
T.381.450.1143.A	38,1	4,50	114,3	0,9604	184,7	76,082	music wire	5D
T.381.450.1143.I	38,1	4,50	114,3	0,8249	188,5	68,878	stainless steel	5E
T.381.450.1270.A	38,1	4,50	127,0	0,7707	214,7	76,082	music wire	5D
T.381.450.1270.I	38,1	4,50	127,0	0,6620	219,4	68,878	stainless steel	5E
T.381.450.1397.A	38,1	4,50	139,7	0,6436	244,7	76,082	music wire	5D
T.381.450.1397.I	38,1	4,50	139,7	0,5528	250,4	68,878	stainless steel	5E
T.381.450.1524.A	38,1	4,50	152,4	0,5525	274,8	76,082	music wire	5D
T.381.450.1524.I	38,1	4,50	152,4	0,4745	281,4	68,878	stainless steel	5E
T.381.450.1651.A	38,1	4,50	165,1	0,4840	304,8	76,082	music wire	5D
T.381.450.1651.I	38,1	4,50	165,1	0,4157	312,3	68,878	stainless steel	5E
T.381.450.1778.A	38,1	4,50	177,8	0,4306	334,8	76,082	music wire	5D
T.381.450.1778.I	38,1	4,50	177,8	0,3698	343,3	68,878	stainless steel	5E



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.381.450.1905.A	38,1	4,50	190,5	0,3878	364,8	76,082	music wire	5D
T.381.450.1905.I	38,1	4,50	190,5	0,3331	374,2	68,878	stainless steel	5E
T.381.450.2032.A	38,1	4,50	203,2	0,3527	394,8	76,082	music wire	5D
T.381.450.2032.I	38,1	4,50	203,2	0,3030	405,2	68,878	stainless steel	5E
T.381.450.3550.A	38,1	4,50	355,0	0,1695	753,7	76,082	music wire	5E
T.381.450.3550.I	38,1	4,50	355,0	0,1456	775,3	68,878	stainless steel	5F
T.381.480.2100.A	38,1	4,80	210,0	0,4743	378,7	90,688	music wire	5E
T.381.480.2100.I	38,1	4,80	210,0	0,4074	388,3	82,332	stainless steel	5E
T.381.480.2150.A	38,1	4,80	215,0	0,4589	389,4	90,688	music wire	5E
T.381.480.2150.I	38,1	4,80	215,0	0,3941	399,3	82,332	stainless steel	5E
T.381.480.3550.A	38,1	4,80	355,0	0,2398	688,7	90,688	music wire	5E
T.381.480.3550.I	38,1	4,80	355,0	0,2059	707,7	82,332	stainless steel	5F
T.381.530.4450.A	38,1	5,30	445,0	0,3138	774,7	118,584	music wire	5G
T.381.530.4450.I	38,1	5,30	445,0	0,2696	795,1	108,142	stainless steel	5H
T.381.580.0830.A	38,1	5,80	83,0	8,1994	98,9	151,091	music wire	5E
T.381.580.0830.I	38,1	5,80	83,0	7,0425	100,0	138,370	stainless steel	5G
T.381.580.1020.A	38,1	5,80	102,0	4,5932	130,4	151,091	music wire	5E
T.381.580.1020.I	38,1	5,80	102,0	3,9451	132,3	138,370	stainless steel	5G
T.390.530.1900.A	39,0	5,30	190,0	0,8715	308,9	118,440	music wire	5E
T.390.530.1900.I	39,0	5,30	190,0	0,7485	308,1	101,619	stainless steel	5G
T.390.530.2030.A	39,0	5,30	203,0	0,7896	334,2	118,440	music wire	5E
T.390.530.2030.I	39,0	5,30	203,0	0,6782	333,3	101,619	stainless steel	5G
T.390.530.2540.A	39,0	5,30	254,0	0,5802	432,6	118,440	music wire	5F
T.390.530.2540.I	39,0	5,30	254,0	0,4983	431,3	101,619	stainless steel	5G
T.390.530.3550.A	39,0	5,30	355,0	0,3798	627,8	118,440	music wire	5F
T.390.530.3550.I	39,0	5,30	355,0	0,3262	625,9	101,619	stainless steel	5G
T.390.550.2410.A	39,0	5,50	241,0	0,7606	391,0	130,962	music wire	5F
T.390.550.2410.I	39,0	5,50	241,0	0,6533	390,1	112,487	stainless steel	5G
T.390.550.2900.A	39,0	5,50	290,0	0,5975	481,0	130,962	music wire	5F
T.390.550.2900.I	39,0	5,50	290,0	0,5132	479,8	112,487	stainless steel	5H
T.390.550.3240.A	39,0	5,50	324,0	0,5198	543,5	130,962	music wire	5G
T.390.550.3240.I	39,0	5,50	324,0	0,4465	542,2	112,487	stainless steel	5H
T.393.420.1200.A	39,3	4,20	120,0	0,5702	216,4	61,196	music wire	5C
T.393.420.1200.I	39,3	4,20	120,0	0,4897	221,3	55,238	stainless steel	5D
T.400.220.1250.A	40,0	2,20	125,0	0,0188	644,8	10,020	music wire	4M
T.400.220.1250.I	40,0	2,20	125,0	0,0162	658,1	8,827	stainless steel	4M
T.400.220.1600.A	40,0	2,20	160,0	0,0112	1032,3	10,020	music wire	4M
T.400.220.1600.I	40,0	2,20	160,0	0,0096	1054,7	8,827	stainless steel	4M
T.400.220.2000.A	40,0	2,20	200,0	0,0077	1475,2	10,020	music wire	4N
T.400.220.2000.I	40,0	2,20	200,0	0,0066	1508,0	8,827	stainless steel	4N
T.400.220.2500.A	40,0	2,20	250,0	0,0055	2028,9	10,020	music wire	4N
T.400.220.2500.I	40,0	2,20	250,0	0,0047	2074,6	8,827	stainless steel	4N
T.400.220.3600.A	40,0	2,20	360,0	0,0034	3247,0	10,020	music wire	4O
T.400.220.3600.I	40,0	2,20	360,0	0,0029	3321,1	8,827	stainless steel	4O
T.400.250.1250.A	40,0	2,50	125,0	0,0359	507,2	14,320	music wire	4M
T.400.250.1250.I	40,0	2,50	125,0	0,0309	518,8	12,670	stainless steel	4M
T.400.250.1600.A	40,0	2,50	160,0	0,0216	797,1	14,320	music wire	4M
T.400.250.1600.I	40,0	2,50	160,0	0,0185	816,3	12,670	stainless steel	4M
T.400.250.2000.A	40,0	2,50	200,0	0,0148	1128,3	14,320	music wire	4N
T.400.250.2000.I	40,0	2,50	200,0	0,0127	1156,3	12,670	stainless steel	4N

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.400.250.2500.A	40,0	2,50	250,0	0,0106	1542,3	14,320	music wire	4N
T.400.250.2500.I	40,0	2,50	250,0	0,0091	1581,3	12,670	stainless steel	4N
T.400.250.3600.A	40,0	2,50	360,0	0,0066	2453,2	14,320	music wire	4O
T.400.250.3600.I	40,0	2,50	360,0	0,0056	2516,4	12,670	stainless steel	4O
T.400.280.1250.A	40,0	2,80	125,0	0,0638	415,8	19,634	music wire	4M
T.400.280.1250.I	40,0	2,80	125,0	0,0548	425,8	17,443	stainless steel	4M
T.400.280.1600.A	40,0	2,80	160,0	0,0385	641,4	19,634	music wire	4M
T.400.280.1600.I	40,0	2,80	160,0	0,0331	657,9	17,443	stainless steel	4N
T.400.280.2000.A	40,0	2,80	200,0	0,0265	899,2	19,634	music wire	4N
T.400.280.2000.I	40,0	2,80	200,0	0,0228	923,2	17,443	stainless steel	4N
T.400.280.2500.A	40,0	2,80	250,0	0,0191	1221,5	19,634	music wire	4N
T.400.280.2500.I	40,0	2,80	250,0	0,0164	1254,9	17,443	stainless steel	4N
T.400.280.3600.A	40,0	2,80	360,0	0,0118	1930,5	19,634	music wire	4O
T.400.280.3600.I	40,0	2,80	360,0	0,0101	1984,5	17,443	stainless steel	4P
T.400.300.1400.A	40,0	3,00	140,0	0,0708	454,4	23,783	music wire	4M
T.400.300.1400.I	40,0	3,00	140,0	0,0608	466,0	21,182	stainless steel	4M
T.400.300.1580.A	40,0	3,00	158,0	0,0562	554,4	23,783	music wire	4M
T.400.300.1580.I	40,0	3,00	158,0	0,0482	569,1	21,182	stainless steel	4N
T.400.300.1790.A	40,0	3,00	179,0	0,0453	671,1	23,783	music wire	4N
T.400.300.1790.I	40,0	3,00	179,0	0,0389	689,3	21,182	stainless steel	4N
T.400.300.1970.A	40,0	3,00	197,0	0,0388	771,1	23,783	music wire	4N
T.400.300.1970.I	40,0	3,00	197,0	0,0333	792,3	21,182	stainless steel	4N
T.400.300.2180.A	40,0	3,00	218,0	0,0332	887,8	23,783	music wire	4N
T.400.300.2180.I	40,0	3,00	218,0	0,0286	912,5	21,182	stainless steel	4N
T.400.300.2420.A	40,0	3,00	242,0	0,0286	1021,1	23,783	music wire	4N
T.400.300.2420.I	40,0	3,00	242,0	0,0245	1049,9	21,182	stainless steel	4N
T.400.300.2660.A	40,0	3,00	266,0	0,0251	1154,5	23,783	music wire	4O
T.400.300.2660.I	40,0	3,00	266,0	0,0215	1187,3	21,182	stainless steel	4O
T.400.300.3050.A	40,0	3,00	305,0	0,0209	1383,9	24,067	music wire	4O
T.400.300.3050.I	40,0	3,00	305,0	0,0179	1363,4	20,335	stainless steel	4O
T.400.300.6730.A	40,0	3,00	673,0	0,0081	3449,1	24,067	music wire	4R
T.400.300.6730.I	40,0	3,00	673,0	0,0070	3396,2	20,335	stainless steel	4R
T.400.320.1250.A	40,0	3,20	125,0	0,1256	335,3	28,443	music wire	4M
T.400.320.1250.I	40,0	3,20	125,0	0,1079	343,6	25,395	stainless steel	4M
T.400.320.1600.A	40,0	3,20	160,0	0,0766	505,1	28,443	music wire	4N
T.400.320.1600.I	40,0	3,20	160,0	0,0658	518,7	25,395	stainless steel	4N
T.400.320.2000.A	40,0	3,20	200,0	0,0529	699,2	28,443	music wire	4N
T.400.320.2000.I	40,0	3,20	200,0	0,0455	718,9	25,395	stainless steel	4N
T.400.320.2500.A	40,0	3,20	250,0	0,0382	941,7	28,443	music wire	4O
T.400.320.2500.I	40,0	3,20	250,0	0,0328	969,1	25,395	stainless steel	4O
T.400.320.3600.A	40,0	3,20	360,0	0,0237	1475,4	28,443	music wire	4P
T.400.320.3600.I	40,0	3,20	360,0	0,0203	1519,5	25,395	stainless steel	4P
T.400.360.0921.A	40,0	3,60	92,1	0,5578	156,8	39,389	music wire	5C
T.400.360.0921.I	40,0	3,60	92,1	0,4791	159,7	35,330	stainless steel	5C
T.400.360.1000.A	40,0	3,60	100,0	0,4147	187,0	39,389	music wire	5C
T.400.360.1000.I	40,0	3,60	100,0	0,3562	190,9	35,330	stainless steel	5C
T.400.360.1140.A	40,0	3,60	114,0	0,2851	240,5	39,389	music wire	5C
T.400.360.1140.I	40,0	3,60	114,0	0,2449	246,2	35,330	stainless steel	5C
T.400.360.1250.A	40,0	3,60	125,0	0,2289	282,6	39,389	music wire	5C
T.400.360.1250.I	40,0	3,60	125,0	0,1966	289,6	35,330	stainless steel	5C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.400.360.1460.A	40,0	3,60	146,0	0,1663	362,9	39,389	music wire	5C
T.400.360.1460.I	40,0	3,60	146,0	0,1428	372,5	35,330	stainless steel	5D
T.400.360.1600.A	40,0	3,60	160,0	0,1407	416,5	39,389	music wire	5C
T.400.360.1600.I	40,0	3,60	160,0	0,1208	427,8	35,330	stainless steel	5D
T.400.360.2000.A	40,0	3,60	200,0	0,0976	569,5	39,389	music wire	5C
T.400.360.2000.I	40,0	3,60	200,0	0,0839	585,8	35,330	stainless steel	5D
T.400.360.2500.A	40,0	3,60	250,0	0,0706	760,7	39,389	music wire	5D
T.400.360.2500.I	40,0	3,60	250,0	0,0607	783,3	35,330	stainless steel	5D
T.400.360.2720.A	40,0	3,60	272,0	0,0630	844,8	39,389	music wire	5D
T.400.360.2720.I	40,0	3,60	272,0	0,0541	870,2	35,330	stainless steel	5D
T.400.360.3600.A	40,0	3,60	360,0	0,0439	1181,4	39,389	music wire	5D
T.400.360.3600.I	40,0	3,60	360,0	0,0377	1217,8	35,330	stainless steel	5D
T.400.380.0960.A	40,0	3,80	96,0	0,6219	163,9	46,412	music wire	5C
T.400.380.0960.I	40,0	3,80	96,0	0,5342	163,0	39,452	stainless steel	5C
T.400.380.1397.A	40,0	3,80	139,7	0,2395	316,1	46,412	music wire	5C
T.400.380.1397.I	40,0	3,80	139,7	0,2057	313,6	39,452	stainless steel	5D
T.400.380.1524.A	40,0	3,80	152,4	0,2026	360,9	46,412	music wire	5C
T.400.380.1524.I	40,0	3,80	152,4	0,1740	357,9	39,452	stainless steel	5D
T.400.380.1651.A	40,0	3,80	165,1	0,1763	404,7	46,412	music wire	5C
T.400.380.1651.I	40,0	3,80	165,1	0,1514	401,3	39,452	stainless steel	5D
T.400.380.1778.A	40,0	3,80	177,8	0,1560	448,6	46,412	music wire	5C
T.400.380.1778.I	40,0	3,80	177,8	0,1340	444,7	39,452	stainless steel	5D
T.400.400.1250.A	40,0	4,00	125,0	0,3923	246,4	52,642	music wire	5C
T.400.400.1250.I	40,0	4,00	125,0	0,3369	252,4	47,420	stainless steel	5D
T.400.400.1600.A	40,0	4,00	160,0	0,2430	356,0	52,642	music wire	5C
T.400.400.1600.I	40,0	4,00	160,0	0,2087	365,6	47,420	stainless steel	5D
T.400.400.2000.A	40,0	4,00	200,0	0,1694	481,2	52,642	music wire	5D
T.400.400.2000.I	40,0	4,00	200,0	0,1455	495,0	47,420	stainless steel	5D
T.400.400.2500.A	40,0	4,00	250,0	0,1229	637,8	52,642	music wire	5D
T.400.400.2500.I	40,0	4,00	250,0	0,1055	656,7	47,420	stainless steel	5D
T.400.400.3600.A	40,0	4,00	360,0	0,0766	982,2	52,642	music wire	5D
T.400.400.3600.I	40,0	4,00	360,0	0,0658	1012,5	47,420	stainless steel	5D
T.400.450.1780.A	40,0	4,50	178,0	0,3769	350,3	72,685	music wire	5D
T.400.450.1780.I	40,0	4,50	178,0	0,3237	359,6	65,802	stainless steel	5E
T.400.450.2050.A	40,0	4,50	205,0	0,3034	419,0	72,685	music wire	5E
T.400.450.2050.I	40,0	4,50	205,0	0,2606	430,6	65,802	stainless steel	5E
T.400.450.2220.A	40,0	4,50	222,0	0,2699	466,9	73,975	music wire	5E
T.400.450.2220.I	40,0	4,50	222,0	0,2318	464,2	63,170	stainless steel	5E
T.400.450.2360.A	40,0	4,50	236,0	0,2479	497,9	72,685	music wire	5E
T.400.450.2360.I	40,0	4,50	236,0	0,2129	512,1	65,802	stainless steel	5E
T.400.450.2640.A	40,0	4,50	264,0	0,2128	569,2	72,685	music wire	5E
T.400.450.2640.I	40,0	4,50	264,0	0,1827	585,7	65,802	stainless steel	5E
T.400.450.2950.A	40,0	4,50	295,0	0,1839	648,1	72,685	music wire	5E
T.400.450.2950.I	40,0	4,50	295,0	0,1579	667,1	65,802	stainless steel	5E
T.400.450.3300.A	40,0	4,50	330,0	0,1595	737,2	72,685	music wire	5E
T.400.450.3300.I	40,0	4,50	330,0	0,1370	759,2	65,802	stainless steel	5E
T.400.450.3660.A	40,0	4,50	366,0	0,1403	828,8	72,685	music wire	5E
T.400.450.3660.I	40,0	4,50	366,0	0,1205	853,8	65,802	stainless steel	5F
T.400.500.1090.A	40,0	5,00	109,0	1,6876	160,7	98,720	music wire	5E
T.400.500.1090.I	40,0	5,00	109,0	1,4494	160,2	84,554	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.400.500.1910.A	40,0	5,00	191,0	0,5893	336,1	96,839	music wire	5E
T.400.500.1910.I	40,0	5,00	191,0	0,5062	344,7	88,077	stainless steel	5G
T.400.500.2210.A	40,0	5,00	221,0	0,4760	400,6	96,839	music wire	5F
T.400.500.2210.I	40,0	5,00	221,0	0,4100	411,2	88,077	stainless steel	5G
T.400.500.2560.A	40,0	5,00	256,0	0,3888	476,0	96,839	music wire	5F
T.400.500.2560.I	40,0	5,00	256,0	0,3339	488,9	88,077	stainless steel	5G
T.400.500.2720.A	40,0	5,00	272,0	0,3587	515,0	98,720	music wire	5F
T.400.500.2720.I	40,0	5,00	272,0	0,3081	513,0	84,554	stainless steel	5G
T.400.500.2860.A	40,0	5,00	286,0	0,3360	540,5	96,839	music wire	5F
T.400.500.2860.I	40,0	5,00	286,0	0,2886	555,5	88,077	stainless steel	5G
T.400.500.3210.A	40,0	5,00	321,0	0,2901	615,8	96,839	music wire	5F
T.400.500.3210.I	40,0	5,00	321,0	0,2491	633,2	88,077	stainless steel	5G
T.400.500.3610.A	40,0	5,00	361,0	0,2509	701,9	96,839	music wire	5F
T.400.500.3610.I	40,0	5,00	361,0	0,2155	722,0	88,077	stainless steel	5G
T.400.500.4010.A	40,0	5,00	401,0	0,2210	787,9	96,839	music wire	5F
T.400.500.4010.I	40,0	5,00	401,0	0,1898	810,7	88,077	stainless steel	5H
T.400.550.2030.A	40,0	5,50	203,0	0,8951	325,3	125,333	music wire	5F
T.400.550.2030.I	40,0	5,50	203,0	0,7688	333,1	114,493	stainless steel	5G
T.400.550.2360.A	40,0	5,50	236,0	0,7238	387,3	125,333	music wire	5F
T.400.550.2360.I	40,0	5,50	236,0	0,6217	396,9	114,493	stainless steel	5G
T.400.550.2750.A	40,0	5,50	275,0	0,5904	460,5	125,333	music wire	5F
T.400.550.2750.I	40,0	5,50	275,0	0,5071	472,3	114,493	stainless steel	5H
T.400.550.3080.A	40,0	5,50	308,0	0,5100	522,4	125,333	music wire	5G
T.400.550.3080.I	40,0	5,50	308,0	0,4386	536,1	114,493	stainless steel	5H
T.400.550.3460.A	40,0	5,50	346,0	0,4420	593,8	125,333	music wire	5G
T.400.550.3460.I	40,0	5,50	346,0	0,3796	609,5	114,493	stainless steel	5H
T.400.550.3900.A	40,0	5,50	390,0	0,3824	676,4	125,333	music wire	5G
T.400.550.3900.I	40,0	5,50	390,0	0,3285	694,6	114,493	stainless steel	5H
T.400.550.4060.A	40,0	5,50	406,0	0,3644	712,8	127,965	music wire	5G
T.400.550.4060.I	40,0	5,50	406,0	0,3130	711,0	109,913	stainless steel	5H
T.400.550.4350.A	40,0	5,50	435,0	0,3361	760,8	125,333	music wire	5G
T.400.550.4350.I	40,0	5,50	435,0	0,2887	781,5	114,493	stainless steel	5H
T.400.580.2030.A	40,0	5,80	203,0	1,1909	310,8	147,761	music wire	5F
T.400.580.2030.I	40,0	5,80	203,0	1,0229	310,3	127,122	stainless steel	5G
T.400.580.3240.A	40,0	5,80	324,0	0,6390	524,8	147,761	music wire	5G
T.400.580.3240.I	40,0	5,80	324,0	0,5489	523,9	127,122	stainless steel	5H
T.404.420.6920.A	40,4	4,20	692,0	0,0450	1886,0	59,617	music wire	5E
T.404.420.6920.I	40,4	4,20	692,0	0,0386	1946,8	53,813	stainless steel	5E
T.413.470.2640.A	41,3	4,70	264,0	0,2438	554,7	79,419	music wire	5E
T.413.470.2640.I	41,3	4,70	264,0	0,2094	571,0	72,035	stainless steel	5E
T.413.580.1020.A	41,3	5,80	102,0	4,0614	132,1	140,443	music wire	5F
T.413.580.1020.I	41,3	5,80	102,0	3,4883	134,1	128,619	stainless steel	5G
T.420.320.1020.A	42,0	3,20	102,0	0,2127	222,8	27,480	music wire	4M
T.420.320.1020.I	42,0	3,20	102,0	0,1826	220,6	23,256	stainless steel	4M
T.420.350.3050.A	42,0	3,50	305,0	0,0405	1109,1	35,259	music wire	4O
T.420.350.3050.I	42,0	3,50	305,0	0,0348	1096,4	29,907	stainless steel	4O
T.420.360.1016.A	42,0	3,60	101,6	0,3825	193,4	38,128	music wire	5C
T.420.360.1016.I	42,0	3,60	101,6	0,3285	192,0	32,364	stainless steel	5C
T.420.360.1050.A	42,0	3,60	105,0	0,3434	207,3	38,128	music wire	5C
T.420.360.1050.I	42,0	3,60	105,0	0,2949	205,7	32,364	stainless steel	5C

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.420.360.1110.A	42,0	3,60	111,0	0,2878	233,0	38,128	music wire	5C
T.420.360.1110.I	42,0	3,60	111,0	0,2472	231,2	32,364	stainless steel	5C
T.420.360.1143.A	42,0	3,60	114,3	0,2651	246,8	38,128	music wire	5C
T.420.360.1143.I	42,0	3,60	114,3	0,2277	244,8	32,364	stainless steel	5C
T.420.360.1397.A	42,0	3,60	139,7	0,1633	354,7	38,128	music wire	5C
T.420.360.1397.I	42,0	3,60	139,7	0,1403	351,4	32,364	stainless steel	5D
T.420.360.1524.A	42,0	3,60	152,4	0,1374	408,1	38,128	music wire	5C
T.420.360.1524.I	42,0	3,60	152,4	0,1180	404,2	32,364	stainless steel	5D
T.420.360.1650.A	42,0	3,60	165,0	0,1185	461,4	38,128	music wire	5C
T.420.360.1650.I	42,0	3,60	165,0	0,1018	456,9	32,364	stainless steel	5D
T.420.360.1651.A	42,0	3,60	165,1	0,1185	461,5	38,128	music wire	5C
T.420.360.1651.I	42,0	3,60	165,1	0,1018	457,0	32,364	stainless steel	5D
T.420.360.1778.A	42,0	3,60	177,8	0,1038	516,0	38,128	music wire	5C
T.420.360.1778.I	42,0	3,60	177,8	0,0892	510,9	32,364	stainless steel	5D
T.420.360.1790.A	42,0	3,60	179,0	0,1028	520,7	38,128	music wire	5C
T.420.360.1790.I	42,0	3,60	179,0	0,0883	515,5	32,364	stainless steel	5D
T.420.360.1905.A	42,0	3,60	190,5	0,0927	569,4	38,128	music wire	5C
T.420.360.1905.I	42,0	3,60	190,5	0,0796	563,6	32,364	stainless steel	5D
T.420.360.1970.A	42,0	3,60	197,0	0,0878	596,8	38,128	music wire	5C
T.420.360.1970.I	42,0	3,60	197,0	0,0755	590,7	32,364	stainless steel	5D
T.420.360.2032.A	42,0	3,60	203,2	0,0837	622,8	38,128	music wire	5C
T.420.360.2032.I	42,0	3,60	203,2	0,0719	616,4	32,364	stainless steel	5D
T.420.360.2050.A	42,0	3,60	205,0	0,0826	630,4	38,128	music wire	5C
T.420.360.2050.I	42,0	3,60	205,0	0,0709	623,9	32,364	stainless steel	5D
T.420.360.2150.A	42,0	3,60	215,0	0,0767	672,9	38,128	music wire	5C
T.420.360.2150.I	42,0	3,60	215,0	0,0659	665,9	32,364	stainless steel	5D
T.420.360.2286.A	42,0	3,60	228,6	0,0700	730,7	38,128	music wire	5D
T.420.360.2286.I	42,0	3,60	228,6	0,0601	723,0	32,364	stainless steel	5D
T.420.360.2290.A	42,0	3,60	229,0	0,0698	732,3	38,128	music wire	5D
T.420.360.2290.I	42,0	3,60	229,0	0,0599	724,6	32,364	stainless steel	5D
T.420.360.2370.A	42,0	3,60	237,0	0,0664	765,8	38,128	music wire	5D
T.420.360.2370.I	42,0	3,60	237,0	0,0570	757,8	32,364	stainless steel	5D
T.424.450.6920.A	42,4	4,50	692,0	0,0556	1803,7	68,795	music wire	5F
T.424.450.6920.I	42,4	4,50	692,0	0,0478	1863,8	62,280	stainless steel	5G
T.429.400.2150.A	42,9	4,00	215,0	0,1255	572,9	49,240	music wire	5D
T.429.400.2150.I	42,9	4,00	215,0	0,1078	590,3	44,356	stainless steel	5D
T.430.380.1016.A	43,0	3,80	101,6	0,4967	181,6	43,306	music wire	5C
T.430.380.1016.I	43,0	3,80	101,6	0,4266	180,5	36,811	stainless steel	5C
T.430.380.1143.A	43,0	3,80	114,3	0,3391	231,5	43,306	music wire	5C
T.430.380.1143.I	43,0	3,80	114,3	0,2912	229,9	36,811	stainless steel	5C
T.430.380.1397.A	43,0	3,80	139,7	0,2062	332,4	43,306	music wire	5C
T.430.380.1397.I	43,0	3,80	139,7	0,1771	329,7	36,811	stainless steel	5D
T.430.380.1524.A	43,0	3,80	152,4	0,1720	383,5	43,306	music wire	5C
T.430.380.1524.I	43,0	3,80	152,4	0,1478	380,2	36,811	stainless steel	5D
T.430.380.1651.A	43,0	3,80	165,1	0,1482	433,4	43,306	music wire	5C
T.430.380.1651.I	43,0	3,80	165,1	0,1273	429,6	36,811	stainless steel	5D
T.430.380.1778.A	43,0	3,80	177,8	0,1297	484,4	43,306	music wire	5C
T.430.380.1778.I	43,0	3,80	177,8	0,1114	480,1	36,811	stainless steel	5D
T.432.320.1000.A	43,2	3,20	100,0	0,2302	207,5	26,401	music wire	4M
T.432.320.1000.I	43,2	3,20	100,0	0,1977	211,8	23,572	stainless steel	4M

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.432.320.1200.A	43,2	3,20	120,0	0,1236	322,8	26,740	music wire	4M
T.432.320.1200.I	43,2	3,20	120,0	0,1062	319,3	22,630	stainless steel	4M
T.432.320.1420.A	43,2	3,20	142,0	0,0819	444,2	26,401	music wire	4N
T.432.320.1420.I	43,2	3,20	142,0	0,0704	456,2	23,572	stainless steel	4N
T.432.320.1600.A	43,2	3,20	160,0	0,0642	550,6	26,740	music wire	4N
T.432.320.1600.I	43,2	3,20	160,0	0,0551	543,8	22,630	stainless steel	4N
T.432.320.1900.A	43,2	3,20	190,0	0,0472	714,7	26,401	music wire	4N
T.432.320.1900.I	43,2	3,20	190,0	0,0405	735,5	23,572	stainless steel	4N
T.432.320.2340.A	43,2	3,20	234,0	0,0340	962,7	26,401	music wire	4O
T.432.320.2340.I	43,2	3,20	234,0	0,0292	991,5	23,572	stainless steel	4O
T.437.470.6920.A	43,7	4,70	692,0	0,0637	1753,8	75,301	music wire	5F
T.437.470.6920.I	43,7	4,70	692,0	0,0547	1813,3	68,299	stainless steel	5G
T.440.380.1650.A	44,0	3,80	165,0	0,1403	442,8	42,360	music wire	5C
T.440.380.1650.I	44,0	3,80	165,0	0,1205	438,9	36,007	stainless steel	5D
T.440.380.1970.A	44,0	3,80	197,0	0,1031	575,0	42,360	music wire	5C
T.440.380.1970.I	44,0	3,80	197,0	0,0886	569,7	36,007	stainless steel	5D
T.440.380.2150.A	44,0	3,80	215,0	0,0898	649,0	42,360	music wire	5D
T.440.380.2150.I	44,0	3,80	215,0	0,0772	643,0	36,007	stainless steel	5D
T.440.380.2540.A	44,0	3,80	254,0	0,0700	810,8	42,360	music wire	5D
T.440.380.2540.I	44,0	3,80	254,0	0,0601	803,1	36,007	stainless steel	5D
T.440.380.6850.A	44,0	3,80	685,0	0,0204	2593,9	42,360	music wire	5E
T.440.380.6850.I	44,0	3,80	685,0	0,0175	2567,3	36,007	stainless steel	5E
T.440.400.1170.A	44,0	4,00	117,0	0,3976	227,6	48,061	music wire	5C
T.440.400.1170.I	44,0	4,00	117,0	0,3415	233,0	43,294	stainless steel	5D
T.440.400.1400.A	44,0	4,00	140,0	0,2547	315,4	48,828	music wire	5C
T.440.400.1400.I	44,0	4,00	140,0	0,2188	313,1	41,562	stainless steel	5D
T.440.400.1600.A	44,0	4,00	160,0	0,1940	390,2	48,828	music wire	5D
T.440.400.1600.I	44,0	4,00	160,0	0,1667	387,3	41,562	stainless steel	5D
T.440.400.1730.A	44,0	4,00	173,0	0,1680	434,7	48,061	music wire	5D
T.440.400.1730.I	44,0	4,00	173,0	0,1443	447,4	43,294	stainless steel	5D
T.440.400.2000.A	44,0	4,00	200,0	0,1315	539,8	48,828	music wire	5D
T.440.400.2000.I	44,0	4,00	200,0	0,1129	535,5	41,562	stainless steel	5D
T.440.400.2250.A	44,0	4,00	225,0	0,1094	626,9	48,061	music wire	5D
T.440.400.2250.I	44,0	4,00	225,0	0,0940	646,5	43,294	stainless steel	5D
T.440.400.2490.A	44,0	4,00	249,0	0,0942	715,7	48,061	music wire	5D
T.440.400.2490.I	44,0	4,00	249,0	0,0809	738,4	43,294	stainless steel	5D
T.440.400.2770.A	44,0	4,00	277,0	0,0811	819,2	48,061	music wire	5D
T.440.400.2770.I	44,0	4,00	277,0	0,0697	845,7	43,294	stainless steel	5D
T.440.400.3090.A	44,0	4,00	309,0	0,0700	937,5	48,061	music wire	5D
T.440.400.3090.I	44,0	4,00	309,0	0,0600	968,2	43,294	stainless steel	5D
T.440.400.3410.A	44,0	4,00	341,0	0,0615	1055,8	48,061	music wire	5D
T.440.400.3410.I	44,0	4,00	341,0	0,0528	1090,7	43,294	stainless steel	5D
T.440.400.3730.A	44,0	4,00	373,0	0,0549	1174,2	48,061	music wire	5D
T.440.400.3730.I	44,0	4,00	373,0	0,0471	1213,3	43,294	stainless steel	5E
T.444.380.1200.A	44,4	3,80	120,0	0,2834	256,5	41,993	music wire	5C
T.444.380.1200.I	44,4	3,80	120,0	0,2434	254,6	35,695	stainless steel	5D
T.444.380.1270.A	44,4	3,80	127,0	0,2432	283,7	41,363	music wire	5C
T.444.380.1270.I	44,4	3,80	127,0	0,2089	291,0	37,182	stainless steel	5D
T.444.380.1397.A	44,4	3,80	139,7	0,1936	336,5	41,363	music wire	5C
T.444.380.1397.I	44,4	3,80	139,7	0,1663	345,7	37,182	stainless steel	5D

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.444.380.1400.A	44,4	3,80	140,0	0,1924	341,1	41,993	music wire	5C
T.444.380.1400.I	44,4	3,80	140,0	0,1652	338,3	35,695	stainless steel	5D
T.444.380.1524.A	44,4	3,80	152,4	0,1608	389,4	41,363	music wire	5C
T.444.380.1524.I	44,4	3,80	152,4	0,1381	400,4	37,182	stainless steel	5D
T.444.380.1600.A	44,4	3,80	160,0	0,1463	424,5	41,993	music wire	5C
T.444.380.1600.I	44,4	3,80	160,0	0,1256	420,8	35,695	stainless steel	5D
T.444.380.1651.A	44,4	3,80	165,1	0,1375	442,2	41,363	music wire	5C
T.444.380.1651.I	44,4	3,80	165,1	0,1181	455,1	37,182	stainless steel	5D
T.444.380.1778.A	44,4	3,80	177,8	0,1201	495,0	41,363	music wire	5C
T.444.380.1778.I	44,4	3,80	177,8	0,1032	509,8	37,182	stainless steel	5D
T.444.380.1800.A	44,4	3,80	180,0	0,1176	509,1	41,993	music wire	5C
T.444.380.1800.I	44,4	3,80	180,0	0,1010	504,5	35,695	stainless steel	5D
T.444.380.1905.A	44,4	3,80	190,5	0,1066	547,8	41,363	music wire	5C
T.444.380.1905.I	44,4	3,80	190,5	0,0916	564,5	37,182	stainless steel	5D
T.444.380.2000.A	44,4	3,80	200,0	0,0983	593,7	41,993	music wire	5C
T.444.380.2000.I	44,4	3,80	200,0	0,0844	588,3	35,695	stainless steel	5D
T.444.380.2032.A	44,4	3,80	203,2	0,0959	600,7	41,363	music wire	5C
T.444.380.2032.I	44,4	3,80	203,2	0,0824	619,2	37,182	stainless steel	5D
T.444.380.2200.A	44,4	3,80	220,0	0,0846	677,1	41,993	music wire	5D
T.444.380.2200.I	44,4	3,80	220,0	0,0727	670,8	35,695	stainless steel	5D
T.444.380.2286.A	44,4	3,80	228,6	0,0800	706,3	41,363	music wire	5D
T.444.380.2286.I	44,4	3,80	228,6	0,0685	728,6	37,182	stainless steel	5D
T.444.450.1270.A	44,4	4,50	127,0	0,5724	231,0	65,851	music wire	5D
T.444.450.1270.I	44,4	4,50	127,0	0,4917	236,6	59,616	stainless steel	5E
T.444.450.1397.A	44,4	4,50	139,7	0,4595	269,2	65,851	music wire	5D
T.444.450.1397.I	44,4	4,50	139,7	0,3947	276,2	59,616	stainless steel	5E
T.444.450.1524.A	44,4	4,50	152,4	0,3838	307,4	65,851	music wire	5D
T.444.450.1524.I	44,4	4,50	152,4	0,3297	315,8	59,616	stainless steel	5E
T.444.450.1600.A	44,4	4,50	160,0	0,3498	333,1	67,020	music wire	5D
T.444.450.1600.I	44,4	4,50	160,0	0,3005	331,4	57,231	stainless steel	5E
T.444.450.1651.A	44,4	4,50	165,1	0,3296	345,7	65,851	music wire	5D
T.444.450.1651.I	44,4	4,50	165,1	0,2831	355,4	59,616	stainless steel	5E
T.444.450.1778.A	44,4	4,50	177,8	0,2887	383,9	65,851	music wire	5E
T.444.450.1778.I	44,4	4,50	177,8	0,2480	395,0	59,616	stainless steel	5E
T.444.450.1905.A	44,4	4,50	190,5	0,2569	422,1	65,851	music wire	5E
T.444.450.1905.I	44,4	4,50	190,5	0,2206	434,6	59,616	stainless steel	5E
T.444.450.2000.A	44,4	4,50	200,0	0,2374	455,1	67,020	music wire	5E
T.444.450.2000.I	44,4	4,50	200,0	0,2039	452,5	57,231	stainless steel	5E
T.444.450.2032.A	44,4	4,50	203,2	0,2314	460,4	65,851	music wire	5E
T.444.450.2032.I	44,4	4,50	203,2	0,1987	474,3	59,616	stainless steel	5E
T.444.450.2200.A	44,4	4,50	220,0	0,2042	516,5	67,020	music wire	5E
T.444.450.2200.I	44,4	4,50	220,0	0,1754	513,5	57,231	stainless steel	5E
T.444.450.2286.A	44,4	4,50	228,6	0,1931	536,8	65,851	music wire	5E
T.444.450.2286.I	44,4	4,50	228,6	0,1658	553,5	59,616	stainless steel	5E
T.444.450.2400.A	44,4	4,50	240,0	0,1797	577,0	67,020	music wire	5E
T.444.450.2400.I	44,4	4,50	240,0	0,1543	573,6	57,231	stainless steel	5E
T.444.450.2600.A	44,4	4,50	260,0	0,1604	637,6	67,020	music wire	5E
T.444.450.2600.I	44,4	4,50	260,0	0,1378	633,7	57,231	stainless steel	5E
T.444.450.2800.A	44,4	4,50	280,0	0,1445	699,0	67,020	music wire	5E
T.444.450.2800.I	44,4	4,50	280,0	0,1241	694,7	57,231	stainless steel	5E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.444.450.3000.A	44,4	4,50	300,0	0,1318	759,5	67,020	music wire	5E
T.444.450.3000.I	44,4	4,50	300,0	0,1132	754,8	57,231	stainless steel	5E
T.444.450.3200.A	44,4	4,50	320,0	0,1209	821,0	67,020	music wire	5E
T.444.450.3200.I	44,4	4,50	320,0	0,1038	815,9	57,231	stainless steel	5F
T.444.450.3400.A	44,4	4,50	340,0	0,1118	881,5	67,020	music wire	5E
T.444.450.3400.I	44,4	4,50	340,0	0,0961	876,0	57,231	stainless steel	5F
T.444.450.3550.A	44,4	4,50	355,0	0,1058	917,4	65,851	music wire	5E
T.444.450.3550.I	44,4	4,50	355,0	0,0909	947,8	59,616	stainless steel	5F
T.444.480.1500.A	44,4	4,80	150,0	0,5529	277,5	78,571	music wire	5D
T.444.480.1500.I	44,4	4,80	150,0	0,4749	284,8	71,332	stainless steel	5E
T.444.530.1200.A	44,4	5,30	120,0	1,5110	181,7	105,025	music wire	5E
T.444.530.1200.I	44,4	5,30	120,0	1,2978	181,3	90,109	stainless steel	5G
T.444.530.1270.A	44,4	5,30	127,0	1,3174	196,3	102,927	music wire	5E
T.444.530.1270.I	44,4	5,30	127,0	1,1315	200,6	93,864	stainless steel	5G
T.444.530.1397.A	44,4	5,30	139,7	1,0669	225,3	102,927	music wire	5E
T.444.530.1397.I	44,4	5,30	139,7	0,9164	230,6	93,864	stainless steel	5G
T.444.530.1400.A	44,4	5,30	140,0	1,0589	228,0	105,025	music wire	5E
T.444.530.1400.I	44,4	5,30	140,0	0,9094	227,5	90,109	stainless steel	5G
T.444.530.1524.A	44,4	5,30	152,4	0,8965	254,3	102,927	music wire	5E
T.444.530.1524.I	44,4	5,30	152,4	0,7700	260,6	93,864	stainless steel	5G
T.444.530.1651.A	44,4	5,30	165,1	0,7730	283,3	102,927	music wire	5E
T.444.530.1651.I	44,4	5,30	165,1	0,6639	290,6	93,864	stainless steel	5G
T.444.530.1778.A	44,4	5,30	177,8	0,6794	312,2	102,927	music wire	5E
T.444.530.1778.I	44,4	5,30	177,8	0,5836	320,5	93,864	stainless steel	5G
T.444.530.1800.A	44,4	5,30	180,0	0,6657	320,0	105,025	music wire	5E
T.444.530.1800.I	44,4	5,30	180,0	0,5718	319,1	90,109	stainless steel	5G
T.444.530.1905.A	44,4	5,30	190,5	0,6061	341,2	102,927	music wire	5F
T.444.530.1905.I	44,4	5,30	190,5	0,5205	350,5	93,864	stainless steel	5G
T.444.530.2000.A	44,4	5,30	200,0	0,5603	366,3	105,025	music wire	5F
T.444.530.2000.I	44,4	5,30	200,0	0,4812	365,3	90,109	stainless steel	5G
T.444.530.2032.A	44,4	5,30	203,2	0,5470	370,2	102,927	music wire	5F
T.444.530.2032.I	44,4	5,30	203,2	0,4698	380,5	93,864	stainless steel	5G
T.444.530.2200.A	44,4	5,30	220,0	0,4837	412,7	105,025	music wire	5F
T.444.530.2200.I	44,4	5,30	220,0	0,4155	411,5	90,109	stainless steel	5G
T.444.530.2286.A	44,4	5,30	228,6	0,4578	428,2	102,927	music wire	5F
T.444.530.2286.I	44,4	5,30	228,6	0,3932	440,5	93,864	stainless steel	5G
T.444.530.2400.A	44,4	5,30	240,0	0,4269	458,3	105,025	music wire	5F
T.444.530.2400.I	44,4	5,30	240,0	0,3667	456,9	90,109	stainless steel	5G
T.444.530.2800.A	44,4	5,30	280,0	0,3439	551,0	105,025	music wire	5F
T.444.530.2800.I	44,4	5,30	280,0	0,2954	549,3	90,109	stainless steel	5G
T.444.530.3200.A	44,4	5,30	320,0	0,2886	643,0	105,025	music wire	5F
T.444.530.3200.I	44,4	5,30	320,0	0,2479	640,9	90,109	stainless steel	5G
T.444.530.3400.A	44,4	5,30	340,0	0,2668	689,3	105,025	music wire	5F
T.444.530.3400.I	44,4	5,30	340,0	0,2292	687,1	90,109	stainless steel	5H
T.445.530.3550.A	44,5	5,30	355,0	0,2509	718,4	102,711	music wire	5F
T.445.530.3550.I	44,5	5,30	355,0	0,2155	740,8	93,666	stainless steel	5H
T.448.470.6920.A	44,8	4,70	692,0	0,0588	1818,5	73,549	music wire	5F
T.448.470.6920.I	44,8	4,70	692,0	0,0505	1881,6	66,711	stainless steel	5H
T.450.400.1030.A	45,0	4,00	103,0	0,6054	174,3	47,036	music wire	5C
T.450.400.1030.I	45,0	4,00	103,0	0,5200	177,7	42,370	stainless steel	5D



Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.450.400.1040.A	45,0	4,00	104,0	0,5822	179,3	47,787	music wire	5C
T.450.400.1040.I	45,0	4,00	104,0	0,5000	178,3	40,676	stainless steel	5D
T.450.400.1230.A	45,0	4,00	123,0	0,3379	252,7	47,787	music wire	5C
T.450.400.1230.I	45,0	4,00	123,0	0,2902	251,1	40,676	stainless steel	5D
T.450.400.1270.A	45,0	4,00	127,0	0,3089	266,7	47,036	music wire	5C
T.450.400.1270.I	45,0	4,00	127,0	0,2653	273,5	42,370	stainless steel	5D
T.450.400.1400.A	45,0	4,00	140,0	0,2441	319,5	47,787	music wire	5C
T.450.400.1400.I	45,0	4,00	140,0	0,2097	317,3	40,676	stainless steel	5D
T.450.400.1490.A	45,0	4,00	149,0	0,2126	355,2	47,787	music wire	5D
T.450.400.1490.I	45,0	4,00	149,0	0,1826	352,6	40,676	stainless steel	5D
T.450.400.1630.A	45,0	4,00	163,0	0,1781	405,3	47,036	music wire	5D
T.450.400.1630.I	45,0	4,00	163,0	0,1529	417,1	42,370	stainless steel	5D
T.450.400.1930.A	45,0	4,00	193,0	0,1314	526,6	47,787	music wire	5D
T.450.400.1930.I	45,0	4,00	193,0	0,1129	522,4	40,676	stainless steel	5D
T.450.400.2000.A	45,0	4,00	200,0	0,1241	553,3	47,787	music wire	5D
T.450.400.2000.I	45,0	4,00	200,0	0,1066	548,8	40,676	stainless steel	5D
T.450.400.2230.A	45,0	4,00	223,0	0,1044	636,3	47,036	music wire	5D
T.450.400.2230.I	45,0	4,00	223,0	0,0897	656,5	42,370	stainless steel	5D
T.450.400.2360.A	45,0	4,00	236,0	0,0958	693,6	47,787	music wire	5D
T.450.400.2360.I	45,0	4,00	236,0	0,0823	687,7	40,676	stainless steel	5D
T.450.400.3030.A	45,0	4,00	303,0	0,0673	944,3	47,036	music wire	5D
T.450.400.3030.I	45,0	4,00	303,0	0,0578	975,6	42,370	stainless steel	5D
T.460.400.1360.A	46,0	4,00	136,0	0,2514	307,1	46,789	music wire	5C
T.460.400.1360.I	46,0	4,00	136,0	0,2160	305,0	39,826	stainless steel	5D
T.460.400.6850.A	46,0	4,00	685,0	0,0233	2533,2	46,789	music wire	5E
T.460.400.6850.I	46,0	4,00	685,0	0,0200	2509,9	39,826	stainless steel	5F
T.460.420.1650.A	46,0	4,20	165,0	0,2128	395,2	53,555	music wire	5D
T.460.420.1650.I	46,0	4,20	165,0	0,1827	392,5	45,646	stainless steel	5D
T.460.420.1780.A	46,0	4,20	178,0	0,1847	443,1	53,555	music wire	5D
T.460.420.1780.I	46,0	4,20	178,0	0,1586	440,1	45,646	stainless steel	5D
T.460.420.2030.A	46,0	4,20	203,0	0,1476	534,7	53,555	music wire	5D
T.460.420.2030.I	46,0	4,20	203,0	0,1268	530,9	45,646	stainless steel	5D
T.460.420.2150.A	46,0	4,20	215,0	0,1344	579,4	53,555	music wire	5D
T.460.420.2150.I	46,0	4,20	215,0	0,1154	575,2	45,646	stainless steel	5D
T.460.420.3050.A	46,0	4,20	305,0	0,0808	910,9	53,555	music wire	5D
T.460.420.3050.I	46,0	4,20	305,0	0,0694	903,9	45,646	stainless steel	5D
T.460.420.3550.A	46,0	4,20	355,0	0,0662	1095,1	53,555	music wire	5D
T.460.420.3550.I	46,0	4,20	355,0	0,0568	1086,6	45,646	stainless steel	5E
T.460.420.6850.A	46,0	4,20	685,0	0,0301	2311,9	53,555	music wire	5E
T.460.420.6850.I	46,0	4,20	685,0	0,0259	2293,2	45,646	stainless steel	5F
T.460.420.6920.A	46,0	4,20	692,0	0,0297	2338,1	53,555	music wire	5E
T.460.420.6920.I	46,0	4,20	692,0	0,0256	2319,1	45,646	stainless steel	5F
T.461.580.1590.A	46,1	5,80	159,0	1,2133	251,3	126,915	music wire	5F
T.461.580.1590.I	46,1	5,80	159,0	1,0421	257,4	116,229	stainless steel	5G
T.477.400.1350.A	47,7	4,00	135,0	0,2423	304,5	44,473	music wire	5C
T.477.400.1350.I	47,7	4,00	135,0	0,2081	312,8	40,062	stainless steel	5D
T.487.500.6980.A	48,7	5,00	698,0	0,0620	1869,9	80,481	music wire	5H
T.487.500.6980.I	48,7	5,00	698,0	0,0532	1939,0	73,199	stainless steel	5I
T.490.530.1150.A	49,0	5,30	115,0	1,5536	170,3	95,729	music wire	5E
T.490.530.1150.I	49,0	5,30	115,0	1,3344	170,0	82,133	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.490.530.1397.A	49,0	5,30	139,7	0,8837	236,9	95,729	music wire	5E
T.490.530.1397.I	49,0	5,30	139,7	0,7590	236,3	82,133	stainless steel	5G
T.490.530.1524.A	49,0	5,30	152,4	0,7242	271,0	95,729	music wire	5E
T.490.530.1524.I	49,0	5,30	152,4	0,6220	270,3	82,133	stainless steel	5G
T.490.530.1651.A	49,0	5,30	165,1	0,6135	305,1	95,729	music wire	5E
T.490.530.1651.I	49,0	5,30	165,1	0,5269	304,3	82,133	stainless steel	5G
T.490.530.1778.A	49,0	5,30	177,8	0,5322	339,2	95,729	music wire	5F
T.490.530.1778.I	49,0	5,30	177,8	0,4571	338,2	82,133	stainless steel	5G
T.490.530.1905.A	49,0	5,30	190,5	0,4699	373,3	95,729	music wire	5F
T.490.530.1905.I	49,0	5,30	190,5	0,4036	372,2	82,133	stainless steel	5G
T.490.530.2032.A	49,0	5,30	203,2	0,4225	406,5	95,729	music wire	5F
T.490.530.2032.I	49,0	5,30	203,2	0,3629	405,3	82,133	stainless steel	5G
T.490.530.2286.A	49,0	5,30	228,6	0,3490	474,7	95,729	music wire	5F
T.490.530.2286.I	49,0	5,30	228,6	0,2997	473,2	82,133	stainless steel	5G
T.500.450.1150.A	50,0	4,50	115,0	0,7000	191,9	58,790	music wire	5D
T.500.450.1150.I	50,0	4,50	115,0	0,6000	196,1	53,223	stainless steel	5E
T.500.450.1200.A	50,0	4,50	120,0	0,5993	211,4	59,833	music wire	5D
T.500.450.1200.I	50,0	4,50	120,0	0,5147	210,6	51,094	stainless steel	5E
T.500.450.1380.A	50,0	4,50	138,0	0,3890	278,9	59,833	music wire	5D
T.500.450.1380.I	50,0	4,50	138,0	0,3341	277,5	51,094	stainless steel	5E
T.500.450.1400.A	50,0	4,50	140,0	0,3727	287,1	59,833	music wire	5D
T.500.450.1400.I	50,0	4,50	140,0	0,3201	285,6	51,094	stainless steel	5E
T.500.450.1420.A	50,0	4,50	142,0	0,3596	291,7	58,790	music wire	5D
T.500.450.1420.I	50,0	4,50	142,0	0,3088	299,8	53,223	stainless steel	5E
T.500.450.1600.A	50,0	4,50	160,0	0,2721	361,4	59,833	music wire	5E
T.500.450.1600.I	50,0	4,50	160,0	0,2337	359,5	51,094	stainless steel	5E
T.500.450.1680.A	50,0	4,50	168,0	0,2450	391,7	59,833	music wire	5E
T.500.450.1680.I	50,0	4,50	168,0	0,2104	389,5	51,094	stainless steel	5E
T.500.450.1780.A	50,0	4,50	178,0	0,2185	428,9	59,833	music wire	5E
T.500.450.1780.I	50,0	4,50	178,0	0,1876	426,4	51,094	stainless steel	5E
T.500.450.1800.A	50,0	4,50	180,0	0,2132	437,0	59,833	music wire	5E
T.500.450.1800.I	50,0	4,50	180,0	0,1831	434,6	51,094	stainless steel	5E
T.500.450.1830.A	50,0	4,50	183,0	0,2068	443,4	58,790	music wire	5E
T.500.450.1830.I	50,0	4,50	183,0	0,1776	457,4	53,223	stainless steel	5E
T.500.450.1940.A	50,0	4,50	194,0	0,1856	484,1	58,790	music wire	5E
T.500.450.1940.I	50,0	4,50	194,0	0,1595	499,7	53,223	stainless steel	5E
T.500.450.1970.A	50,0	4,50	197,0	0,1803	501,0	59,833	music wire	5E
T.500.450.1970.I	50,0	4,50	197,0	0,1548	498,1	51,094	stainless steel	5E
T.500.450.2000.A	50,0	4,50	200,0	0,1760	511,4	59,833	music wire	5E
T.500.450.2000.I	50,0	4,50	200,0	0,1512	508,4	51,094	stainless steel	5E
T.500.450.2030.A	50,0	4,50	203,0	0,1712	523,1	59,833	music wire	5E
T.500.450.2030.I	50,0	4,50	203,0	0,1471	520,0	51,094	stainless steel	5E
T.500.450.2050.A	50,0	4,50	205,0	0,1686	530,0	59,833	music wire	5E
T.500.450.2050.I	50,0	4,50	205,0	0,1448	526,9	51,094	stainless steel	5E
T.500.450.2200.A	50,0	4,50	220,0	0,1495	580,2	58,790	music wire	5E
T.500.450.2200.I	50,0	4,50	220,0	0,1284	599,7	53,223	stainless steel	5E
T.500.450.2210.A	50,0	4,50	221,0	0,1483	590,5	59,833	music wire	5E
T.500.450.2210.I	50,0	4,50	221,0	0,1274	586,9	51,094	stainless steel	5E
T.500.450.2360.A	50,0	4,50	236,0	0,1336	646,3	59,833	music wire	5E
T.500.450.2360.I	50,0	4,50	236,0	0,1147	642,3	51,094	stainless steel	5E

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.500.450.2400.A	50,0	4,50	240,0	0,1301	661,4	59,833	music wire	5E
T.500.450.2400.I	50,0	4,50	240,0	0,1117	657,3	51,094	stainless steel	5E
T.500.450.2410.A	50,0	4,50	241,0	0,1293	664,9	59,833	music wire	5E
T.500.450.2410.I	50,0	4,50	241,0	0,1111	660,8	51,094	stainless steel	5E
T.500.450.2500.A	50,0	4,50	250,0	0,1221	691,1	58,790	music wire	5E
T.500.450.2500.I	50,0	4,50	250,0	0,1048	715,0	53,223	stainless steel	5E
T.500.450.2520.A	50,0	4,50	252,0	0,1206	698,5	58,790	music wire	5E
T.500.450.2520.I	50,0	4,50	252,0	0,1036	722,7	53,223	stainless steel	5E
T.500.450.2600.A	50,0	4,50	260,0	0,1149	737,0	59,833	music wire	5E
T.500.450.2600.I	50,0	4,50	260,0	0,0987	732,4	51,094	stainless steel	5E
T.500.450.2720.A	50,0	4,50	272,0	0,1076	781,1	59,833	music wire	5E
T.500.450.2720.I	50,0	4,50	272,0	0,0925	776,2	51,094	stainless steel	5F
T.500.450.2800.A	50,0	4,50	280,0	0,1031	802,1	58,790	music wire	5E
T.500.450.2800.I	50,0	4,50	280,0	0,0886	830,3	53,223	stainless steel	5F
T.500.450.3000.A	50,0	4,50	300,0	0,0936	885,7	59,833	music wire	5E
T.500.450.3000.I	50,0	4,50	300,0	0,0804	880,1	51,094	stainless steel	5F
T.500.450.3080.A	50,0	4,50	308,0	0,0901	916,0	59,833	music wire	5E
T.500.450.3080.I	50,0	4,50	308,0	0,0774	910,2	51,094	stainless steel	5F
T.500.450.3100.A	50,0	4,50	310,0	0,0893	913,0	58,790	music wire	5E
T.500.450.3100.I	50,0	4,50	310,0	0,0767	945,6	53,223	stainless steel	5F
T.500.450.3200.A	50,0	4,50	320,0	0,0855	961,3	59,833	music wire	5E
T.500.450.3200.I	50,0	4,50	320,0	0,0734	955,2	51,094	stainless steel	5F
T.500.450.3400.A	50,0	4,50	340,0	0,0787	1024,0	58,790	music wire	5E
T.500.450.3400.I	50,0	4,50	340,0	0,0676	1060,9	53,223	stainless steel	5F
T.500.450.3460.A	50,0	4,50	346,0	0,0769	1046,2	58,790	music wire	5E
T.500.450.3460.I	50,0	4,50	346,0	0,0661	1084,0	53,223	stainless steel	5F
T.500.450.3550.A	50,0	4,50	355,0	0,0743	1092,7	59,833	music wire	5E
T.500.450.3550.I	50,0	4,50	355,0	0,0638	1085,7	51,094	stainless steel	5F
T.500.450.3820.A	50,0	4,50	382,0	0,0675	1179,3	58,790	music wire	5E
T.500.450.3820.I	50,0	4,50	382,0	0,0580	1222,4	53,223	stainless steel	5F
T.500.450.6920.A	50,0	4,50	692,0	0,0329	2355,3	59,833	music wire	5G
T.500.450.6920.I	50,0	4,50	692,0	0,0283	2339,3	51,094	stainless steel	5H
T.500.470.1150.A	50,0	4,70	115,0	0,8625	186,3	67,469	music wire	5D
T.500.470.1150.I	50,0	4,70	115,0	0,7408	185,7	57,685	stainless steel	5E
T.500.470.1970.A	50,0	4,70	197,0	0,2266	468,4	67,469	music wire	5E
T.500.470.1970.I	50,0	4,70	197,0	0,1946	466,0	57,685	stainless steel	5E
T.500.470.6920.A	50,0	4,70	692,0	0,0415	2175,3	67,469	music wire	5G
T.500.470.6920.I	50,0	4,70	692,0	0,0356	2162,5	57,685	stainless steel	5H
T.500.480.1520.A	50,0	4,80	152,0	0,4244	305,2	71,503	music wire	5D
T.500.480.1520.I	50,0	4,80	152,0	0,3645	304,0	61,171	stainless steel	5E
T.500.480.1780.A	50,0	4,80	178,0	0,3050	391,1	71,503	music wire	5E
T.500.480.1780.I	50,0	4,80	178,0	0,2620	389,4	61,171	stainless steel	5E
T.500.480.2100.A	50,0	4,80	210,0	0,2261	497,5	71,503	music wire	5E
T.500.480.2100.I	50,0	4,80	210,0	0,1942	495,2	61,171	stainless steel	5E
T.500.480.2150.A	50,0	4,80	215,0	0,2169	514,7	71,503	music wire	5E
T.500.480.2150.I	50,0	4,80	215,0	0,1863	512,3	61,171	stainless steel	5E
T.500.480.3550.A	50,0	4,80	355,0	0,1044	977,8	71,503	music wire	5E
T.500.480.3550.I	50,0	4,80	355,0	0,0897	972,7	61,171	stainless steel	5F
T.500.500.1600.A	50,0	5,00	160,0	0,4658	315,5	80,015	music wire	5E
T.500.500.1600.I	50,0	5,00	160,0	0,4001	314,3	68,533	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.500.500.1720.A	50,0	5,00	172,0	0,4016	352,3	80,015	music wire	5F
T.500.500.1720.I	50,0	5,00	172,0	0,3449	351,0	68,533	stainless steel	5G
T.500.500.1750.A	50,0	5,00	175,0	0,3882	361,5	80,015	music wire	5F
T.500.500.1750.I	50,0	5,00	175,0	0,3334	360,2	68,533	stainless steel	5G
T.500.500.1800.A	50,0	5,00	180,0	0,3678	376,9	80,015	music wire	5F
T.500.500.1800.I	50,0	5,00	180,0	0,3159	375,5	68,533	stainless steel	5G
T.500.500.2000.A	50,0	5,00	200,0	0,3038	438,4	80,015	music wire	5F
T.500.500.2000.I	50,0	5,00	200,0	0,2609	436,7	68,533	stainless steel	5G
T.500.500.2050.A	50,0	5,00	205,0	0,2911	453,7	80,015	music wire	5F
T.500.500.2050.I	50,0	5,00	205,0	0,2501	451,9	68,533	stainless steel	5G
T.500.500.2070.A	50,0	5,00	207,0	0,2864	455,1	78,490	music wire	5F
T.500.500.2070.I	50,0	5,00	207,0	0,2460	469,7	71,389	stainless steel	5G
T.500.500.2200.A	50,0	5,00	220,0	0,2588	499,8	80,015	music wire	5F
T.500.500.2200.I	50,0	5,00	220,0	0,2223	497,8	68,533	stainless steel	5G
T.500.500.2210.A	50,0	5,00	221,0	0,2569	502,9	80,015	music wire	5F
T.500.500.2210.I	50,0	5,00	221,0	0,2206	500,9	68,533	stainless steel	5G
T.500.500.2370.A	50,0	5,00	237,0	0,2298	546,0	78,490	music wire	5F
T.500.500.2370.I	50,0	5,00	237,0	0,1974	564,3	71,389	stainless steel	5G
T.500.500.2400.A	50,0	5,00	240,0	0,2254	561,3	80,015	music wire	5F
T.500.500.2400.I	50,0	5,00	240,0	0,1936	559,0	68,533	stainless steel	5G
T.500.500.2600.A	50,0	5,00	260,0	0,1996	622,7	80,015	music wire	5F
T.500.500.2600.I	50,0	5,00	260,0	0,1715	620,1	68,533	stainless steel	5G
T.500.500.2720.A	50,0	5,00	272,0	0,1868	652,2	78,490	music wire	5F
T.500.500.2720.I	50,0	5,00	272,0	0,1605	674,6	71,389	stainless steel	5G
T.500.500.3000.A	50,0	5,00	300,0	0,1625	745,6	80,015	music wire	5F
T.500.500.3000.I	50,0	5,00	300,0	0,1396	742,5	68,533	stainless steel	5H
T.500.500.3030.A	50,0	5,00	303,0	0,1603	746,2	78,490	music wire	5F
T.500.500.3030.I	50,0	5,00	303,0	0,1376	772,4	71,389	stainless steel	5H
T.500.500.3050.A	50,0	5,00	305,0	0,1588	761,0	80,015	music wire	5F
T.500.500.3050.I	50,0	5,00	305,0	0,1364	757,7	68,533	stainless steel	5H
T.500.500.3200.A	50,0	5,00	320,0	0,1487	807,1	80,015	music wire	5F
T.500.500.3200.I	50,0	5,00	320,0	0,1277	803,6	68,533	stainless steel	5H
T.500.500.3370.A	50,0	5,00	337,0	0,1386	849,4	78,490	music wire	5G
T.500.500.3370.I	50,0	5,00	337,0	0,1191	879,6	71,389	stainless steel	5H
T.500.500.3400.A	50,0	5,00	340,0	0,1370	868,5	80,015	music wire	5G
T.500.500.3400.I	50,0	5,00	340,0	0,1177	864,8	68,533	stainless steel	5H
T.500.500.3770.A	50,0	5,00	377,0	0,1196	970,7	78,490	music wire	5G
T.500.500.3770.I	50,0	5,00	377,0	0,1028	1005,7	71,389	stainless steel	5H
T.500.500.4170.A	50,0	5,00	417,0	0,1052	1092,0	78,490	music wire	5G
T.500.500.4170.I	50,0	5,00	417,0	0,0904	1131,8	71,389	stainless steel	5H
T.500.550.2030.A	50,0	5,50	203,0	0,4875	394,0	103,961	music wire	5F
T.500.550.2030.I	50,0	5,50	203,0	0,4187	393,0	89,295	stainless steel	5G
T.500.550.2200.A	50,0	5,50	220,0	0,4263	433,9	101,823	music wire	5F
T.500.550.2200.I	50,0	5,50	220,0	0,3661	447,5	93,016	stainless steel	5H
T.500.550.2300.A	50,0	5,50	230,0	0,3977	464,1	103,961	music wire	5F
T.500.550.2300.I	50,0	5,50	230,0	0,3416	463,0	89,295	stainless steel	5H
T.500.550.2360.A	50,0	5,50	236,0	0,3819	479,8	103,961	music wire	5F
T.500.550.2360.I	50,0	5,50	236,0	0,3280	478,6	89,295	stainless steel	5H
T.500.550.2400.A	50,0	5,50	240,0	0,3712	490,8	103,961	music wire	5F
T.500.550.2400.I	50,0	5,50	240,0	0,3188	489,6	89,295	stainless steel	5H

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.500.550.2410.A	50,0	5,50	241,0	0,3694	487,8	101,823	music wire	5F
T.500.550.2410.I	50,0	5,50	241,0	0,3173	503,5	93,016	stainless steel	5H
T.500.550.2500.A	50,0	5,50	250,0	0,3491	516,6	103,961	music wire	5G
T.500.550.2500.I	50,0	5,50	250,0	0,2999	515,4	89,295	stainless steel	5H
T.500.550.2520.A	50,0	5,50	252,0	0,3453	516,1	101,823	music wire	5G
T.500.550.2520.I	50,0	5,50	252,0	0,2966	532,8	93,016	stainless steel	5H
T.500.550.2700.A	50,0	5,50	270,0	0,3121	568,3	103,961	music wire	5G
T.500.550.2700.I	50,0	5,50	270,0	0,2680	566,9	89,295	stainless steel	5H
T.500.550.2800.A	50,0	5,50	280,0	0,2963	594,2	103,961	music wire	5G
T.500.550.2800.I	50,0	5,50	280,0	0,2545	592,6	89,295	stainless steel	5H
T.500.550.2900.A	50,0	5,50	290,0	0,2818	613,6	101,823	music wire	5G
T.500.550.2900.I	50,0	5,50	290,0	0,2420	634,2	93,016	stainless steel	5H
T.500.550.3080.A	50,0	5,50	308,0	0,2593	667,0	103,961	music wire	5G
T.500.550.3080.I	50,0	5,50	308,0	0,2227	665,3	89,295	stainless steel	5H
T.500.550.3100.A	50,0	5,50	310,0	0,2568	672,6	103,961	music wire	5G
T.500.550.3100.I	50,0	5,50	310,0	0,2205	670,8	89,295	stainless steel	5H
T.500.550.3200.A	50,0	5,50	320,0	0,2460	698,4	103,961	music wire	5G
T.500.550.3200.I	50,0	5,50	320,0	0,2113	696,6	89,295	stainless steel	5H
T.500.550.3240.A	50,0	5,50	324,0	0,2419	700,9	101,823	music wire	5G
T.500.550.3240.I	50,0	5,50	324,0	0,2078	724,9	93,016	stainless steel	5H
T.500.550.3300.A	50,0	5,50	330,0	0,2361	724,2	103,961	music wire	5G
T.500.550.3300.I	50,0	5,50	330,0	0,2028	722,3	89,295	stainless steel	5H
T.500.550.3400.A	50,0	5,50	340,0	0,2270	750,1	103,961	music wire	5G
T.500.550.3400.I	50,0	5,50	340,0	0,1950	748,1	89,295	stainless steel	5H
T.500.550.3620.A	50,0	5,50	362,0	0,2089	798,4	101,823	music wire	5G
T.500.550.3620.I	50,0	5,50	362,0	0,1794	826,2	93,016	stainless steel	5H
T.500.550.4060.A	50,0	5,50	406,0	0,1804	911,4	101,823	music wire	5G
T.500.550.4060.I	50,0	5,50	406,0	0,1550	943,5	93,016	stainless steel	5H
T.500.550.4500.A	50,0	5,50	450,0	0,1588	1024,3	101,823	music wire	5G
T.500.550.4500.I	50,0	5,50	450,0	0,1364	1060,9	93,016	stainless steel	5I
T.508.450.1397.A	50,8	4,50	139,7	0,3671	284,4	57,901	music wire	5D
T.508.450.1397.I	50,8	4,50	139,7	0,3153	292,3	52,418	stainless steel	5E
T.508.450.1524.A	50,8	4,50	152,4	0,2946	332,8	57,901	music wire	5D
T.508.450.1524.I	50,8	4,50	152,4	0,2530	342,5	52,418	stainless steel	5E
T.508.450.1651.A	50,8	4,50	165,1	0,2460	381,1	57,901	music wire	5E
T.508.450.1651.I	50,8	4,50	165,1	0,2113	392,8	52,418	stainless steel	5E
T.508.450.1778.A	50,8	4,50	177,8	0,2112	429,4	57,901	music wire	5E
T.508.450.1778.I	50,8	4,50	177,8	0,1814	443,0	52,418	stainless steel	5E
T.508.450.1905.A	50,8	4,50	190,5	0,1850	477,8	57,901	music wire	5E
T.508.450.1905.I	50,8	4,50	190,5	0,1589	493,3	52,418	stainless steel	5E
T.508.450.2032.A	50,8	4,50	203,2	0,1646	526,1	57,901	music wire	5E
T.508.450.2032.I	50,8	4,50	203,2	0,1413	543,5	52,418	stainless steel	5E
T.508.450.2286.A	50,8	4,50	228,6	0,1348	622,7	57,901	music wire	5E
T.508.450.2286.I	50,8	4,50	228,6	0,1158	644,0	52,418	stainless steel	5E
T.508.450.2400.A	50,8	4,50	240,0	0,1245	674,2	58,929	music wire	5E
T.508.450.2400.I	50,8	4,50	240,0	0,1070	670,1	50,321	stainless steel	5E
T.508.450.2540.A	50,8	4,50	254,0	0,1142	719,4	57,901	music wire	5E
T.508.450.2540.I	50,8	4,50	254,0	0,0981	744,5	52,418	stainless steel	5E
T.508.450.2800.A	50,8	4,50	280,0	0,0988	827,3	58,929	music wire	5E
T.508.450.2800.I	50,8	4,50	280,0	0,0849	822,1	50,321	stainless steel	5F

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.508.450.3000.A	50,8	4,50	300,0	0,0894	905,1	58,929	music wire	5E
T.508.450.3000.I	50,8	4,50	300,0	0,0768	899,4	50,321	stainless steel	5F
T.508.450.3200.A	50,8	4,50	320,0	0,0817	981,6	58,929	music wire	5E
T.508.450.3200.I	50,8	4,50	320,0	0,0702	975,4	50,321	stainless steel	5F
T.508.450.3400.A	50,8	4,50	340,0	0,0752	1059,5	58,929	music wire	5E
T.508.450.3400.I	50,8	4,50	340,0	0,0646	1052,6	50,321	stainless steel	5F
T.508.530.1200.A	50,8	5,30	120,0	1,3129	183,5	92,515	music wire	5E
T.508.530.1200.I	50,8	5,30	120,0	1,1276	183,1	79,376	stainless steel	5G
T.508.530.1397.A	50,8	5,30	139,7	0,8376	237,2	90,667	music wire	5E
T.508.530.1397.I	50,8	5,30	139,7	0,7194	243,2	82,683	stainless steel	5G
T.508.530.1524.A	50,8	5,30	152,4	0,6781	272,8	90,667	music wire	5E
T.508.530.1524.I	50,8	5,30	152,4	0,5824	280,3	82,683	stainless steel	5G
T.508.530.1651.A	50,8	5,30	165,1	0,5696	308,5	90,667	music wire	5F
T.508.530.1651.I	50,8	5,30	165,1	0,4893	317,3	82,683	stainless steel	5G
T.508.530.1778.A	50,8	5,30	177,8	0,4911	344,1	90,667	music wire	5F
T.508.530.1778.I	50,8	5,30	177,8	0,4218	354,4	82,683	stainless steel	5G
T.508.530.1800.A	50,8	5,30	180,0	0,4794	353,8	92,515	music wire	5F
T.508.530.1800.I	50,8	5,30	180,0	0,4118	352,8	79,376	stainless steel	5G
T.508.530.1900.A	50,8	5,30	190,0	0,4336	378,3	90,667	music wire	5F
T.508.530.1900.I	50,8	5,30	190,0	0,3725	390,0	82,683	stainless steel	5G
T.508.530.1905.A	50,8	5,30	190,5	0,4316	379,7	90,667	music wire	5F
T.508.530.1905.I	50,8	5,30	190,5	0,3707	391,4	82,683	stainless steel	5G
T.508.530.2000.A	50,8	5,30	200,0	0,3951	410,9	92,515	music wire	5F
T.508.530.2000.I	50,8	5,30	200,0	0,3393	409,7	79,376	stainless steel	5G
T.508.530.2030.A	50,8	5,30	203,0	0,3856	414,8	90,667	music wire	5F
T.508.530.2030.I	50,8	5,30	203,0	0,3312	427,9	82,683	stainless steel	5G
T.508.530.2032.A	50,8	5,30	203,2	0,3849	415,4	90,667	music wire	5F
T.508.530.2032.I	50,8	5,30	203,2	0,3306	428,5	82,683	stainless steel	5G
T.508.530.2200.A	50,8	5,30	220,0	0,3373	467,1	92,515	music wire	5F
T.508.530.2200.I	50,8	5,30	220,0	0,2897	465,7	79,376	stainless steel	5G
T.508.530.2286.A	50,8	5,30	228,6	0,3165	486,6	90,667	music wire	5F
T.508.530.2286.I	50,8	5,30	228,6	0,2718	502,6	82,683	stainless steel	5G
T.508.530.2400.A	50,8	5,30	240,0	0,2933	524,2	92,515	music wire	5F
T.508.530.2400.I	50,8	5,30	240,0	0,2519	522,6	79,376	stainless steel	5G
T.508.530.2540.A	50,8	5,30	254,0	0,2687	557,9	90,667	music wire	5F
T.508.530.2540.I	50,8	5,30	254,0	0,2308	576,7	82,683	stainless steel	5G
T.508.530.2800.A	50,8	5,30	280,0	0,2325	638,4	92,515	music wire	5F
T.508.530.2800.I	50,8	5,30	280,0	0,1997	636,3	79,376	stainless steel	5G
T.508.530.3200.A	50,8	5,30	320,0	0,1931	751,6	92,515	music wire	5F
T.508.530.3200.I	50,8	5,30	320,0	0,1658	749,2	79,376	stainless steel	5H
T.508.530.3400.A	50,8	5,30	340,0	0,1778	808,7	92,515	music wire	5G
T.508.530.3400.I	50,8	5,30	340,0	0,1527	806,1	79,376	stainless steel	5H
T.508.530.3550.A	50,8	5,30	355,0	0,1679	841,3	90,667	music wire	5G
T.508.530.3550.I	50,8	5,30	355,0	0,1443	871,3	82,683	stainless steel	5H
T.550.500.1270.A	55,0	5,00	127,0	0,7959	209,4	71,661	music wire	5E
T.550.500.1270.I	55,0	5,00	127,0	0,6836	214,2	65,177	stainless steel	5G
T.550.500.1570.A	55,0	5,00	157,0	0,4100	316,6	71,661	music wire	5F
T.550.500.1570.I	55,0	5,00	157,0	0,3528	326,0	65,177	stainless steel	5G
T.550.500.2020.A	55,0	5,00	202,0	0,2380	477,4	71,661	music wire	5F
T.550.500.2020.I	55,0	5,00	202,0	0,2044	493,7	65,177	stainless steel	5G

Reference number	External diameter (mm)	Wire diameter (mm)	Free length (mm)	Spring rate (DaN/mm)	Max Length (mm)	Max Force (DaN)	Material	Tariff code
T.550.500.2270.A	55,0	5,00	227,0	0,1929	566,8	71,661	music wire	5F
T.550.500.2270.I	55,0	5,00	227,0	0,1657	586,8	65,177	stainless steel	5G
T.550.500.3000.A	55,0	5,00	300,0	0,1242	837,9	73,053	music wire	5G
T.550.500.3000.I	55,0	5,00	300,0	0,1067	834,4	62,570	stainless steel	5H
T.550.500.3400.A	55,0	5,00	340,0	0,1040	982,9	73,053	music wire	5G
T.550.500.3400.I	55,0	5,00	340,0	0,0893	978,6	62,570	stainless steel	5H
T.550.500.3770.A	55,0	5,00	377,0	0,0903	1102,9	71,661	music wire	5G
T.550.500.3770.I	55,0	5,00	377,0	0,0776	1145,7	65,177	stainless steel	5H
T.600.550.2360.A	60,0	5,50	236,0	0,2390	563,3	85,612	music wire	5G
T.600.550.2360.I	60,0	5,50	236,0	0,2053	584,2	78,208	stainless steel	5H
T.600.550.2500.A	60,0	5,50	250,0	0,2165	619,0	87,411	music wire	5G
T.600.550.2500.I	60,0	5,50	250,0	0,1859	617,6	75,080	stainless steel	5H
T.600.550.2680.A	60,0	5,50	268,0	0,1925	674,4	85,612	music wire	5G
T.600.550.2680.I	60,0	5,50	268,0	0,1654	700,2	78,208	stainless steel	5H
T.600.550.2800.A	60,0	5,50	280,0	0,1794	725,3	87,411	music wire	5G
T.600.550.2800.I	60,0	5,50	280,0	0,1541	723,6	75,080	stainless steel	5H
T.600.550.2900.A	60,0	5,50	290,0	0,1699	760,3	87,411	music wire	5G
T.600.550.2900.I	60,0	5,50	290,0	0,1459	758,5	75,080	stainless steel	5H
T.600.550.3060.A	60,0	5,50	306,0	0,1564	806,3	85,612	music wire	5G
T.600.550.3060.I	60,0	5,50	306,0	0,1343	838,1	78,208	stainless steel	5H
T.600.550.3200.A	60,0	5,50	320,0	0,1462	866,6	87,411	music wire	5G
T.600.550.3200.I	60,0	5,50	320,0	0,1255	864,5	75,080	stainless steel	5H
T.600.550.3400.A	60,0	5,50	340,0	0,1339	924,3	85,612	music wire	5G
T.600.550.3400.I	60,0	5,50	340,0	0,1150	961,4	78,208	stainless steel	5H
T.600.550.3780.A	60,0	5,50	378,0	0,1154	1056,2	85,612	music wire	5G
T.600.550.3780.I	60,0	5,50	378,0	0,0991	1099,3	78,208	stainless steel	5I
T.600.550.4220.A	60,0	5,50	422,0	0,0994	1208,9	85,612	music wire	5G
T.600.550.4220.I	60,0	5,50	422,0	0,0854	1258,9	78,208	stainless steel	5I
T.600.550.4660.A	60,0	5,50	466,0	0,0874	1361,6	85,612	music wire	5G
T.600.550.4660.I	60,0	5,50	466,0	0,0750	1418,5	78,208	stainless steel	5I