

Specification Cross-Reference of Spring Materials--Wire and Strip

Wire

Material	UNS	ASTM	SAE/AISI	AMS	SAE	EN	FED	JIS	DIN	BS
Stainless T302	S30200	A-313	302	5688	J230	10270-3	QQ-S-763	G4314	17224	2056
Stainless T304	S30400	A-313	304	5688		10270-3	QQ-S-763	G4314	17224	2056
Stainless T316	S31600	A-313	316			10270-3	QQ-S-763	G4314	17224	2056
Stainless T17-7 (631)	S17700	A-313	17-7 PH	5678	J217			G4314		
Music Wire	K08500	A-228			J178	10270-1		G3522	2076 17223	5216
Music Wire Valve	K08500							SWP-A/SWP-B G3522-SWP-V	Part 1 Grade B	Type M
Hard Drawn MB Class I	K06501	A-227/764			J113	10270-1	QQ-W-428	G3521 SWB	2076 17223	5216
Hard Drawn MB Class II (Phos/Brite ASTM-A-227; Galv. ASTM-A-764)	K06501	A-227/764			J113	10270-1	Type II		Part 1 Grades A (I)and B (II)	Types NS/HS Grd. 2 and 3
Hard Drawn MB Class III	K08200	A-679			J271	10270-1			Grade C	
Phosphor Bronze Grade A	C51000	B-159					QQ-B-750	H3751 PBP1		2873
Oil Tempered MB Class I	K07001	A-229 (I)	1065		J316 Cl. I	10270-2	QQ-W-428B Type I, Cl.1	G3560 SWO-A	2076 17223 Part 2	2803 095A65
Oil Tempered MB Class II	K07001	A-229 (II)	1065		J316 Cl. II	10270-2	Type I, Cl.II	G3560 SWO-B	FD	NS
O.T. Chrome Silicon Comm.	K15590	A-401	9254	6451	J157	10270-2			2076 17223 Part 2 FD SiCr	2803 685A55 HS
O.T. Chrome Silicon Valve	G92540	A-877	9254			10270-2		G3561 SWOSC-V	2076 17223 Part 2 VDSiCr	2803 685A55 HD

Material	UNS	ASTM	SAE/AISI	AMS	SAE	EN	FED	JIS	DIN	BS
O.T. Chrome Vanadium Com	K15048	A-231	6150			10270-2				2803 735A50 HS
OT Chr. Vanadium Valve	K15047	A-232	6150		J132	10270-2		G3561 SWOCV-V		2803 735A50 HD
Inconel 600	N06600	B-166		5687						3075/3076 NA14
Inconel X750	N07750	B-637		5698/5699						

Notes:

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Material	UNS	ASTM	SAE/AISI	AMS	SAE	EN	FED	JIS	DIN	BS
Strip										
Stainless Steel						EN17007				1449
Stainless T201---3/4 Hard	S20100	A-666	201			N/A		SUS 201	DIN17006	
---Annealed	S20100	A240/A666	201			N/A		SUS 201	DIN17006	
Stainless T301---High Yield	S30100	A-666 (1)	301	5519 (1)		1.4310-		SUS 301	DIN17006	301S21
---Z Spring	S30100	A-666	301	5519 (1)		1.4310-		SUS 301	DIN17006	301S21
Stainless T301---Full Hard	S30100	A-666	301	5519		1.4310-		SUS 301	DIN17006	301S21
---3/4 Hard	S30100	A-666	301	5902		1.4310-		SUS 301	DIN17006	301S21
---1/2 Hard	S30100	A-668	301	5518		1.4310-		SUS 301	DIN17006	301S21
---1/4 Hard	S30100	A-669	301	5517		1.4310-		SUS 301	DIN17006	301S21
---Annealed	S30100	A240/A666	301	5901		1.4310-		SUS 301	DIN17006	301S21
Stainless T302---Full Hard	S30200	A-666	302	5906		1.4319		SUS 302	DIN17006	301S21
---3/4 Hard	S30200	A-666	302	5905		1.4319		SUS 302	DIN17006	301S25
---1/2 Hard	S30200	A-666	302	5904		1.4319		SUS 302	DIN17006	301S25
---1/4 Hard	S30200	A-666	302	5903		1.4319		SUS 302	DIN17006	301S25
---Annealed	S30200	A240/A666	302	5513/5515		1.4319		SUS 302	DIN17006	301S25
Stainless T304---Full Hard	S30400	A-666	304	5906/5913		1.4301		SUS 304	DIN17006	304S15
---1/2 Hard	S30400	A-666	304	5911		1.4301		SUS 304	DIN17006	304S15
---1/4 Hard	S30400	A-666	304	5910		1.4301		SUS 304	DIN17006	304S15
---Annealed	S30400	A-240	304	5513		1.4301		SUS 304	DIN17006	304S15
Stainless T304 9% Min. NI	S30400	A-240	304	5513		1.4301		SUS 304	DIN17006	304S15
Stainless T304L---Annealed	S30403	A-240	304L			1.4306		SUS 304L	DIN17006	304S11
Stainless T305---Annealed	S30500	A-240	305	5514		1.4304		SUS 305	DIN17006	305S19
Stainless T316---1/4 Hard	S31600	A-666	316			1.4401		SUS 316	DIN17006	316S31
---Annealed	S31600	A-240	316	5524		1.4401		SUS 316	DIN17006	316S31
Stainless T316L---Annealed	S31603	A-240	316L			10204		SUS 316L	DIN17006	316S11
Stainless T321---Annealed	S32100	A-240	321	5510		1.4541		SUS 321	DIN17006	321S31
Stainless T347---Annealed	S34700	A-240	347			10204		SUS 347	DIN17006	347S31
Stainless T17-7 PH Cond C	S17700	A-693	631	5529		1.4568		SUS 631	Din17224	301S81
Stainless T420---Annealed	S42000	N/A	420	N/A		1.4201		SUS420J1	DIN17006	420S11

Material	UNS	ASTM	SAE/AISI	AMS	SAE	EN	FED	JIS	DIN	BS
Carbon Steel										
Carbon Strip C1008	G10080	N/A	1008			N/A			N/A	N/A
Carbon Strip C1050	G10050	A-684	1050			10132-4 C50S			DIN17222 CK50	1449 CS50
Carbon Strip C1060	G10600	A-684	1060							
Carbon Strip C1074	G10740	A-684	1074			10132-4 C75S			Din 17222 CK75/C75	1449 CS70
Carbon Strip C1095	G10950	A-684	1095			10132-4 C100S			DIN 17222 CK101	1449 CS95
Non-Ferrous										
Phosphor Bronze Alloy 510	C51000	B-103		4510						2870 PB102
Beryllium Copper	Various	Various	Various	Various	Various	Various	Various	Various	Various	Various

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Material	UNS	ASTM	SAE/AISI	AMS	SAE	EN	FED	JIS	DIN	BS
Nickel Alloys/Specialty										
Alloy 20---Annealed	N08020	B473				10204				
Duplex 2205---Annealed	S32205	A-240				10088-2				
Hastalloy B3---Annealed	N10675	B-333				10204				
Hastelloy C276---Annealed	N10276	B-575				10204				
Inconel 600---Annealed	N06600	B-168				10204				
Inconel 625---Annealed	N06625	B-443				10204				
Inconel X750---Annealed	N07750	B-637		5542/5598		10204				
Incoloy 800H---Annealed	N08800	B-163				10204				
Incoloy 825---Annealed	N08825	B-163								
Monel 400---Annealed	N04400	B-127				10204				
Nickel 200---Annealed	N02200	B-160				10204				
Titanium Grade 2-Annealed	R52400	B-265				10204				
Titanium Grade 7-Annealed	R53400	B-265				10204				
Zirconium 702---Annealed	R60702	B-551				10204				

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