

STAINLESS STEEL WIRE FOR SPRINGS

Grades	Standard	Size Range (mm)	C	Ni	Cr	Mn	Si	S	P	other	Characteristics	Main uses
302 SGB	EN 10270-3 1.4310 NS	0,10 - 10,00	0,15	9,00	18,00	1,50	1,00	0,030	0,045		Austenitic and slightly magnetic stainless steel wire, with high tensile strength and good resistance to corrosion	Springs
302HTS SGB	EN 10270-3 1.4310 HS	0,20 - 10,00	0,11	8,50	17,50	1,50	1,00	0,020	0,030	Mo 0,80	Austenitic stainless steel wire with good resistance to corrosion, specific for springs with high fatigue stresses	Springs
316 SGB	EN 10088-1 1.4401	0,10 - 10,00	0,06	12,00	17,00	1,50	1,00	0,030	0,045	Mo 2,00	Austenitic stainless steel wire with excellent resistance to corrosion (marine and medical)	Springs General Uses
316Ti SGB	EN 10088-1 1.4571	0,10 - 10,00	0,06	11,50	17,00	1,50	1,00	0,030	0,045	Mo 2,00 Ti 5xC to 0,80	Austenitic stainless steel wire with good resistance to intercrystalline corrosion	Springs General Uses
302BC SGB	EN 10270-3 1.4310 NS	0,30 - 1,00	0,15	9,00	18,00	1,50	1,00	0,030	0,045		Austenitic and slightly magnetic stainless steel wire, with high tensile strength and good resistance to corrosion	Aerosol springs
316BC SGB	EN 10270-3 1.4401	0,30 - 1,00	0,06	12,00	17,00	1,50	1,00	0,030	0,045	Mo 2,00	Austenitic and slightly magnetic stainless steel wire, with medium tensile strength and excellent resistance to corrosion	Aerosol springs
631 SGB	EN 10270-3 1.4568	0,20 - 6,00	0,09	7,00	17,00	1,00	0,70	0,015	0,045	Al 1,00	Precipitation hardening semiaustenitic stainless wire for spring	Springs
211 SGB	EN 10088-1 1.4162	0,20 - 5,00	0,03	1,50	21,00	5,00	1,00	0,015	0,035	N 0,20	Good resistance against pitting and stress corrosion cracking	Springs General uses
324 SGB	EN 10088-1 1.4362	0,20 - 5,00	0,03	4,00	23,00	2,00	1,00	0,015	0,035	N 0,20	Good resistance against pitting and stress corrosion cracking	Springs General uses
329 SGB	EN 10088-1 1.4462	0,20 - 5,00	0,03	5,50	22,00	2,00	1,00	0,035	0,015	N 0,20	Biphasic stainless steel wire with high mechanical properties and good resistance to corrosion	Springs General uses

Packaging



Delivery form	COILS	K125	K200	K355	SH460K
Ø range	0,80/10,00	0,10/0,20	0,20/0,50	0,20/0,90	0,20/0,90
internal Ø mm	300/1000	15	20	35	305
external Ø mm	400/1300	125	200	355	460
Height mm	==	125	200	200	105
Weight Kg.	30/500	3	12	40	30



560F	760F	760FF	Z2	Z PLUS	Z3	Z4	A2	A3	A4
0,30/1,60	0,40/2,00	0,50/2,00	1,00/2,50	1,00/2,50	2,20/4,50	4,00/8,00	2,00/4,00	3,50/5,00	4,00/8,00
30	42	42	356	380	500	600	500	650	800
560	760	760	700	750	800	1000	950	1100	1300
260	315	395	280	380	450	600	1530	1550	1300
130	250	450	400	600	800	2000	1500	1500	2000