

STAINLESS STEEL WIRE FOR GENERAL USES

Grades	Standards	Size range Ø mm	C	Ni	Cr	Mn	Si	S	P	other	Characteristics
304 SGB	EN 10088-1 1.4301	0,80 - 10,00	0,07	9,00	19,00	1,50	1,00	0,030	0,045		Austenitic weldable stainless steel wire with good resistance to corrosion
304L SGB	EN 10088-1 1.4307	0,80 - 10,00	0,03	9,00	19,00	1,50	1,00	0,030	0,045		Austenitic weldable stainless steel wire with good resistance to corrosion and low carbon %
321 SGB	EN 10088-1 1.4541	0,80 - 4,50	0,08	10,50	18,00	2,00	1,00	0,015	0,045	Ti 5xC to 0,80	304 SGB enriched with Ti for uses at medium temperature
316 SGB	EN 10088-1 1.4401	0,80 - 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)
316L SGB	EN 10088-1 1.4404	0,80 - 10,00	0,03	12,00	17,00	1,50	1,00	0,030	0,045	Mo 2,00	Austenitic stainless steel wire with excellent resistance to corrosion and low carbon (marine and medical)
316Ti SGB	EN 10088-1 1.4571	0,80 - 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
310 SGB	EN 10088-1 1.4845	0,80 - 10,00	0,25	20,00	25,00	2,00	1,50	0,030	0,045		Refractory stainless steel wire with high contents of Ni and Cr, good mechanical resistance at high temperature
314 SGB	EN 10088-1 1.4841	0,80 - 10,00	0,20	20,00	25,00	2,00	2,00	0,030	0,045		Refractory stainless steel wire with high contents of Ni, Cr and Si for uses at high temperature
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
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
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
201 SGB	EN 10088-1 1.4372	1,00 - 8,00	0,15	4,00	17,00	6,00	1,00	0,015	0,045	N 0,20	Austenitic stainless steel wire with low Ni%, high tensile strength and good resistance to corrosion
17 2 SGB	EN 10088-1 1.4597	1,00 - 8,00	0,10	2,00	17,00	7,00	2,00	0,030	0,045	N 0,20 Cu 2,80 Mo 0,50	Austenitic stainless steel wire with low Ni%, high tensile strength and good resistance to corrosion
430 SGB	EN 10088 1.4016	1,50 - 6,00	0,08		17,00	1,00	1,00	0,015	0,040		Ferritic steel
434 SGB	EN 10088-1 1.4113	1,50 - 6,00	0,08		17,00	1,00	1,00	0,015	0,040	Mo 1,00	Ferritic steel for special uses

Packaging



Delivery form	COILS	K355	760F	760FF	Z2	Z PLUS	Z3	ZF	Carton 1	Carton 2	AP	A2
Ø range	1,00/ 6,50	0,80/ 1,20	1,20/ 4,00	1,20/ 4,00	1,20/ 4,00	1,20/ 5,00	2,00/ 5,00	2,00/ 8,00	1,20/ 8,00	1,20/ 8,00	1,20/ 8,00	2,50/ 10,00
internal Ø mm	400/750	35	42	42	356	380	500	550	500/600	500/600	450	560
external Ø mm	500/850	355	760	760	700	750	800	800	800	800	950	1100
Height mm	100/400	200	315	395	280	400	450	630	600	1050	1100	1200
Weight Kg.	50/500	35	250	400	300	500	800	1500	500	1000	800	1000