

Diameter: 0.20mm-10.00mm

Popular standard: EN10270-3, DIN17223-3, ASTM A 313 and customer standard.

Surface: bright, matte

Application: mechanical springs, mattress wire , upholstery wire

Packing: metal spool , plywood spool, catch weight coil

Diam mm	Tolerance mm	min. Tensile strength Mpa				Surface Type
		1.4301-NS	1.4301-HS	1.4401	1.4568	
0.20	±0.005	2200	2350	1725	1975	B
0.30	±0.008	2150	2300	1700	1950	B
0.40	±0.008	2100	2250	1675	1925	B
0.50	±0.008	2050	2200	1650	1900	B
0.65	±0.008	2000	2150	1625	1875	B
0.80	±0.010	1950	2100	1600	1850	B
1.00	±0.010	1900	2050	1575	1825	B
1.25	±0.015	1850	2000	1550	1750	B/M
1.50	±0.015	1800	1950	1500	1700	B/M
1.75	±0.015	1750	1900	1450	1650	B/M
2.00	±0.015	1700	1850	1400	1600	B/M
2.50	±0.020	1650	1800	1350	1550	B/M
3.00	±0.020	1600	1750	1300	1500	B/M
3.50	±0.020	1550	1650	1250	1450	B/M
4.25	±0.025	1500	1600	1225	1425	B/M
5.00	±0.025	1450	1550	1200	1400	B/M
6.00	±0.025	1400	1500	1150	1350	B/M
7.00	±0.030	1350	1450	1125	1325	B/M
8.50	±0.030	1300	1400	1075	1275	B/M
10.00	±0.035	1250	1350	1050	1250	B/M

Main grade and chemical composition(%):

Grade	C	Si	Mn	P	S	Cr	Ni	Other
1.4310	0.05-0.15	2.00	2.00	0.045	0.015	16.0-19.0	6.0-9.5	N:≤0.11
1.4401	≤0.07	1.00	2.00	0.045	0.015	16.5-18.5	10.0-13.0	N:≤0.11
1.4568	≤0.09	0.70	1.00	0.040	0.015	16.0-18.0	6.5-7.8	Al:0.70-1.50

