



# MATERIAL OVERVIEW

Stock range

## SPRING STEEL EN 10270-1-SH

EN 10270-1-SH is a standard quality for spring wire, without corrosion resistance requirements. A very good quality for general use. Should be tempered at 250 - 350° C after shaping.

Operating temperature: -40 – +120 °C

For chemical analysis and other data, see pages 208-209.

### Spring wire in small wrapped coils

Wire Ø	Weight/ pack gram	No. metre	Break limit N/mm <sup>2</sup>	Ring apx. mm	Cat.no.
0,2	100	400	2100	100	6413
0,3	100	170	2050	100	6414
0,4	100	100	1950	100	6415
0,5	500	325	1950	100	6416
0,6	500	225	1900	100	6417
0,7	500	165	1900	100	6418
0,8	500	125	1850	250	6420
1	1000	160	1850	250	6419
1,2	1000	115	1750	400	6421
1,50	1000	70	1700	400	6422
2	1000	40	1650	600	6423
2,5	1000	26	1550	600	6424
3	1000	18	1500	600	6425

Upon request, other dimensions and quantities can be delivered.

## ACID-PROOF SPRING WIRE EN 10270-3-1.4401

Hard drawn acid-proof wire and hard rolled strip suited for naval applications, provisions, medicine and other environments where more stringent corrosion resistance requirements are imposed. Slightly lower tensile strength than stainless EN 10270-3-1.4310. Good for bending.

Should be tempered at 250 - 350 °C after shaping.

Operating temperature: -200 – +300 °C

For chemical analysis and other data, see pages 208-209.

### Spring wire in small wrapped coils

Wire Ø	Weight/ pack gram	No. metre	Break limit N/mm <sup>2</sup>	Ring apx. mm	Cat.no.
0,2	100	400	1750	100	0887
0,3	100	170	1750	100	0888
0,4	100	100	1700	100	0889
0,5	500	325	1700	100	0890
0,6	500	225	1650	100	0891
0,7	500	165	1650	100	0892
0,8	500	125	1650	250	0893
1	1000	160	1600	250	0894
1,2	1000	115	1600	400	0895
1,5	1000	70	1500	400	0896
2	1000	40	1500	600	0897
2,5	1000	26	1400	600	0898
3	1000	18	1400	600	0899

Upon request, other dimensions and quantities can be delivered.

## STAINLESS SPRING WIRE EN 10270-3-1.4310

Hard drawn stainless wire with good spring qualities for general use. Good for bending.

Should be tempered at 250-350 °C after shaping.

Operating temperature: -150 – +250 °C

For chemical analysis and other data, see pages 208-209.



### Spring wire in small wrapped coils

Wire Ø	Weight/ pack gram	No. metre	Break limit N/mm <sup>2</sup>	Ring apx. mm	Cat.no.
0,2	100	400	2350	100	6426
0,3	100	170	2300	100	6427
0,4	100	100	2200	100	6428
0,5	500	325	2200	100	6429
0,6	500	225	2100	100	6430
0,7	500	165	2100	100	6431
0,8	500	125	2100	250	6432
1	1000	160	2000	250	6433
1,2	1000	115	2000	400	6434
1,5	1000	70	1850	400	6435
2	1000	40	1850	600	6436
2,5	1000	26	1750	600	6437
3	1000	18	1750	600	6438

Upon request, other dimensions and quantities can be delivered.