

## Spring steel wire according to EN 10270-1

### General:

Automotive, machine construction, window and gate equipment, agricultural technology, furniture industry, mesh wire for filter industry, various industry products

### Products:

Spring steel wires for technical springs - EN 10270-1

### Surfaces:

- Gray blank
- Phosphated
- Galvanized
- Dry reddish
- Wet-drawn copper plated
- ZnAl - coated

### Dimensions:

Type SL (Type A)	blank/phosphated, galvanized ZnAl	1,00 - 10,00 mm 0,60 - 10,00 mm 0,60 - 4,50 mm
Type SM/DM (Type B)	blank/phosphated, galvanized ZnAl	0,60 - 20,00 mm 0,60 - 11,00 mm 0,60 - 4,00 mm
Type SH/DH (Type C/D)	blank/phosphated, galvanized ZnAl	0,60 - 20,00 mm 0,60 - 11,00 mm 0,60 - 3,50 mm

### Materials / DIN EN:

Unalloyed steel according to EN 10016 / EN ISO 16120

### Construction/delivery form:

- Fabrication coils
- Z-2 coils with 350 - 500 kg
- Z-3 coils (with/without cardboard core) with 750 - 1000 kg
- Coils (without cardboard core) with 1.000 - 2.500 kg
- Head stocks with 750 - 2.500 kg
- Rosette coils (with cardboard core) 750 - 1.200 kg
- Steel and plastic spools
- Rods (straightened and cut) according to dimensions up to max. 6.000 mm length

**Stainless spring steel wire** EN10270-3 smooth sliding W.No. 1.4310

**Stainless spring steel wire** EN10270-3 smooth sliding W.No. 1.4401

**Stainless spring steel wire** EN10270-3 smooth sliding W.No. 1.4568

**Oil seal treated spring steel wire** EN10270-2 FDSiCr / VDSiCr / TDSiCr

### Quality steels unalloyed

<i>W.No.</i>	<i>Quality</i>
1.0503	C45
1.0612	C66D
1.0614	C76D
1.0618	C92D
1.1191	C45E
1.1221	C60E

### Free cutting steels

<i>W.No.</i>	<i>Quality</i>
1.4005	X12CrS13
1.4035	X45CrS13
1.4104	X12CrMoS17

### Cold extruded steels

<i>W.No.</i>	<i>Quality</i>
1.7131	16MnCr5
1.7139	16MnCrS5

### Roller bearing steels

<i>W.No.</i>	<i>Quality</i>
1.3505	100Cr6
1.3541	X47Cr13
1.4112	X90CrMoV18
1.4125	X105CrMo17

### Tool steels alloyed

<i>W.No.</i>	<i>Quality</i>
1.2067	102Cr6
1.2210	115CrV3
1.2419	105WCr6
1.2516+S	120WV4 + S
1.2517	80WV2
1.2842	90MnCrV8

### Tool steels unalloyed

<i>W.No.</i>	<i>Quality</i>
1.1525	C80U special
1.1540	special
1.1545	C105U special
1.1591	C100Mn60
1.2018	95Cr1 special