

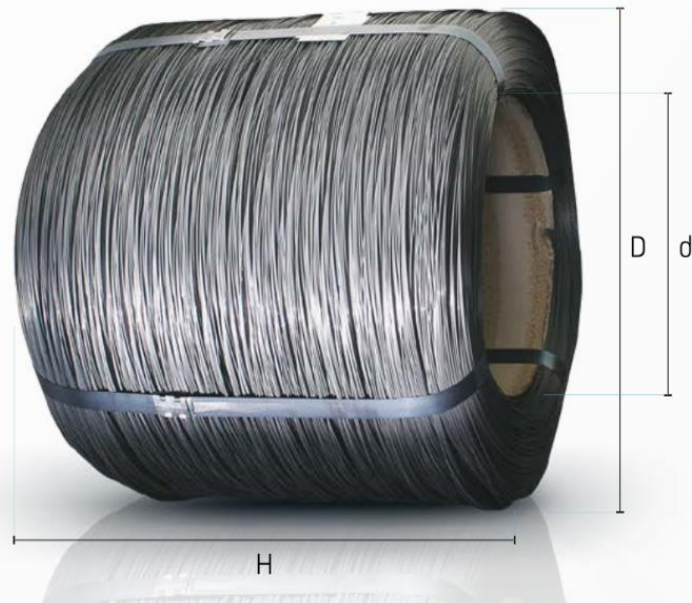




Steel Wire

Mattress, furniture, textile, automotive and industrial spring manufacturers can choose from a wide array of steel wire ranging from 1,20 mm to 5,00 mm diameter manufactured at Boyçelik Wire-Spring Facility. Alongside providing quick service with increasing daily production capacity, the company is able to sustain growth thanks to customer focused processes. Manufacturing rolls that can vary from 100 kg to 900 kg, and made to meet required quality specifications, make Boyçelik a preferred partner. Products are shipped with core cardboard, steel strapped and covered with special material to protect from unfavorable external conditions.





Steel Wire Technical Specifications

Purpose of	Diameter Ø (mm)	Tolerance (±mm)	Tensile Strength (N/mm ² min.max)		Torsion (min)	Carbon Percentage (min-max. %)	Coil Weight (Kg)		Coil Internal Diameter			
			min.	max.			100	350-850	d (mm)	H (mm)	D (mm)	
Helical	1,30	0.020	1720	2000	25	0,43-0,48	+	+	400	450	300-900	700-900
	1,40		1650	1800	25	0,43-0,48	+	+	400	450	300-900	700-900
Bonnell & Pocket Spring	1,20	0.020	2200	2450	25	0,63-0,67	+	+	400	450	300-900	700-900
	1,30		2100	2450	25	0,63-0,75	+	+	400	450	300-900	700-900
	1,40		2010	2450	25	0,63-0,75	+	+	400	450	300-900	700-900
	1,50		1920	2350	22	0,63-0,75	+	+	400	450	300-900	700-900
	1,60		1820	2350	22	0,63-0,75	+	+	400	450	300-900	700-900
	1,70		1775	2250	22	0,63-0,75	+	+	400	450	300-900	700-900
	1,80	0.025	1750	2100	22	0,63-0,75		+	400	450	300-900	700-900
	1,90		1720	2010	22	0,63-0,75		+	400	450	300-900	700-900
	2,00		1680	1950	22	0,63-0,75		+	400	450	300-900	700-900
	2,10		1680	1940	22	0,63-0,75		+	400	450	300-900	700-900
	2,20		1550	1850	22	0,63-0,75		+	400	450	300-900	700-900
	2,30		1570	1810	22	0,63-0,75		+	400	450	300-900	700-900
	2,38		1520	1720	22	0,63-0,75		+	400	450	300-900	700-900
	2,50		1470	1690	22	0,63-0,75		+	500	300-900	700-900	
S Spring & Frame Wire	2,80	0.030	1570	1770	22	0,63-0,82		+	500	300-900	700-900	
	3,50		1380	1570	16	0,63-0,82		+	500	300-900	700-900	
	3,66		1420	1520	16	0,63-0,82		+	500	300-900	700-900	
	3,90		1320	1520	16	0,63-0,82		+	500	300-900	700-900	
	4,00		1300	1500	16	0,63-0,82		+	500	300-900	700-900	
	4,20	0.035	1270	1400	16	0,63-0,82		+	500	300-900	700-900	
	4,50		1220	1360	12	0,63-0,82		+	500	300-900	700-900	
	4,88		1200	1320	12	0,63-0,82		+	500	300-900	700-900	

* Steel wires manufactured according to TS 2500-1 EN 10270-1.

* Table contains standards values. Please contact sales representative for a varied request.

* Cardboard tubes are shipped with covered high density polyethylene material to protect from external conditions and formers are shipped with six arm formers.