

Steel Wire



Steel Wire Production

Within Doraçelik Wire & Spring, steel wires manufactured in diameter ranges from 1.30 mm to 4.88 mm are widely used in mattress, furniture, textile, automotive, and industrial spring production. Thanks to high manufacturing standards and strict process control, solutions are delivered in line with the technical requirements of different industries.

With its continuously increasing production capacity and efficient logistics infrastructure, Doraçelik ensures fast and reliable delivery. Its flexible production structure, which can be tailored to customer requirements, enables the consistent delivery of both quality and continuity.

At the shipment stage, coil weights may vary between 100 kg and 900 kg. Products are manufactured within the required quality and technical tolerance ranges and are dispatched with core-wound coils, securely strapped, and specially packaged to provide resistance against corrosion and impact.



Application Area	Diameter Ø (mm)	Tolerance (±mm)	Tensile Strength (N/mm ²)		Torsion (min)	Carbon Content (min-max %)	Coil Weight (kg)		Coil Dimensions			
			min	max			100	350-850	d (mm)	H (mm)	D (mm)	
Helical Springs	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 Springs	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		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
Spring & Frame Wire	2,20	0,025	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	
	2,80		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		1270	1400	16	0,63-0,82	+	+	500	300-900	700-900	
Spring & Frame Wire	4,50	0,035	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	