

Tensile Strength of Stainless Steel Wires for Springs (Type-B)

Wire Diameter	Tensile Strength N/mm ²	Wire Diameter	Tensile Strength N/mm ²	Wire Diameter	Tensile Strength N/mm ²
mm	Hard Drawn Steel Wires	mm	Hard Drawn Steel Wires	mm	Hard Drawn Steel Wires
0.10	2,150 - 2,400	0.45	1,950 - 2,200	1.80	1,650 - 1,900
0.12		0.50		2.00	
0.14		0.55		2.30	1,550 - 1,800
0.16		0.60		2.60	
0.18		0.65	2.90	1,450 - 1,700	
0.20		0.70	3.20		
0.23	2,050 - 2,300	0.80	1,850 - 2,100		3.50
0.26		0.90		4.00	
0.29		1.00		4.50	
0.32		1,750 - 2,000	1.20	5.00	
0.35			1.40	5.50	
0.40		1.60	1,650 - 1,900	6.00	

Spring Elastic Limit and Fatigue Safety Limit vs. Tensile Strength

