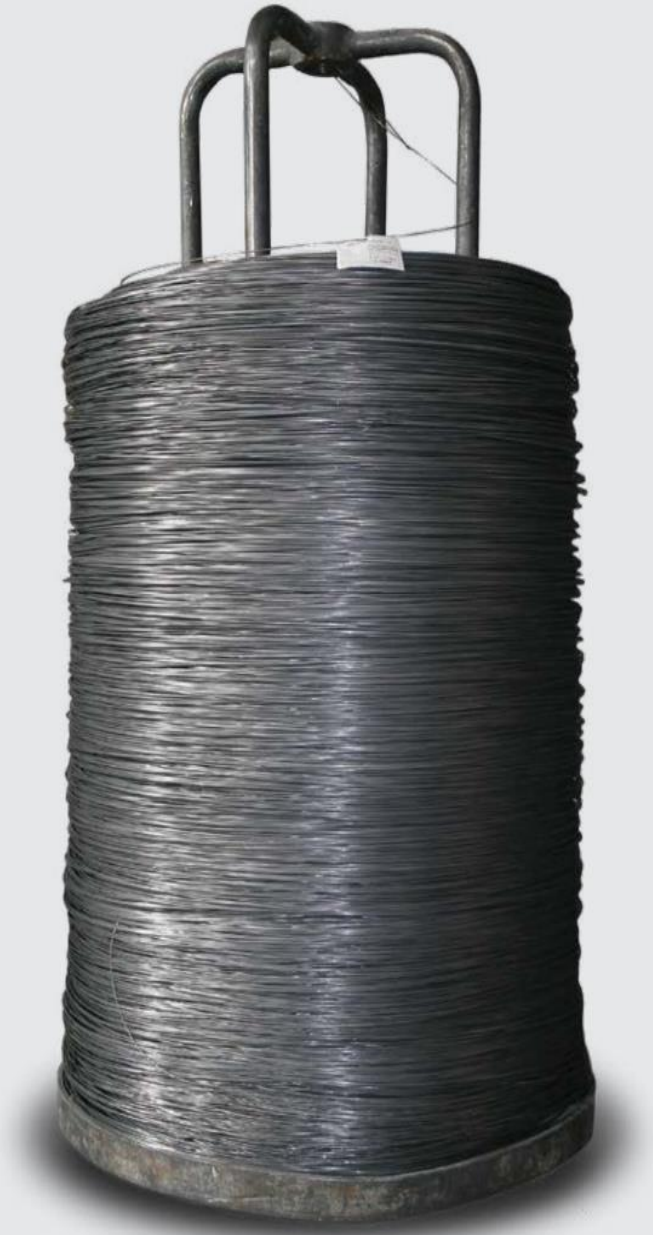
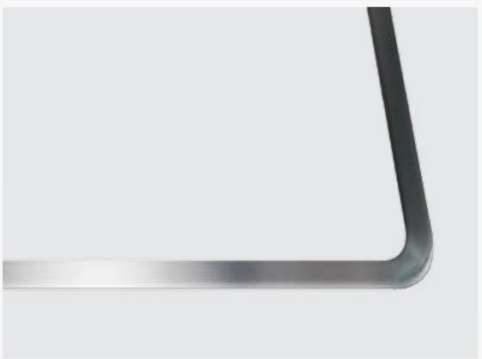
BOYÇELİK



Straightened Wire and Frame Wire

Steel wires manufactured at Boyçelik steel wire facilities for the mattress, furniture, automotive and industrial spring manufactured conform to TSE-2500-1 and EN 10270-1 standards. Technical features may be manipulated with chemical compounds to meet various customized customer specifications and fortified against corrosion with chemical treatments.



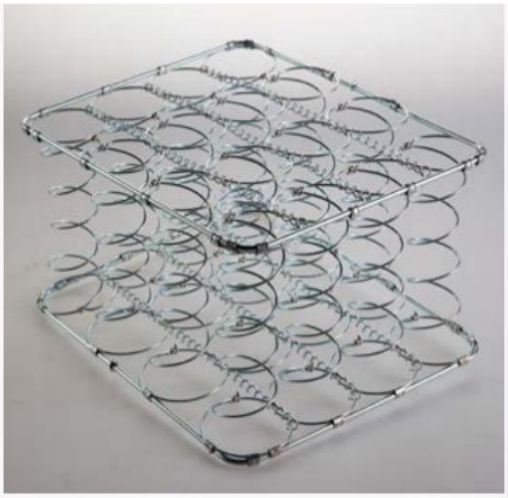
Raw material's chemical specifications

C % (min-max)	Si % (min-max)	Mn % (min-max)	P % max.	S % max.	Cr % max.	Ni % max.	Cu % max.	Al % max.	Mo % max.
0,43 - 0,48	0,10 - 0,30	0,50 - 0,80	0,035	0,035	0,20	0,25	0,30	0,01	0,05
0,63 - 0,68	0,10 - 0,30	0,50 - 0,80	0,035	0,035	0,20	0,25	0,30	0,01	0,05
0,70 - 0,75	0,10 - 0,30	0,50 - 0,80	0,035	0,035	0,20	0,25	0,30	0,01	0,05
0,73 - 0,78	0,10 - 0,30	0,50 - 0,80	0,035	0,035	0,20	0,25	0,30	0,01	0,05
0,78 - 0,83	0,10 - 0,30	0,50 - 0,80	0,035	0,035	0,20	0,25	0,30	0,01	0,05

Raw materials are supplied in accordance with TS EN ISO 16120-2 and TS EN ISO 16120-4 standards.

Straightened Wire and Frame Wire

Straightened steel wires used for mattress and sitting group frames are manufactured to specified size, wire diameter and orders. Boyçelik presents TS 2500-1 EN 10270-1 quality standard conformant straightened steel wire ranging from ø2,70 mm – ø5,00 mm for use by mattress and spring manufacturers. As a result of customer focused processes, the company is able to customize production to meet specified chemical features and tensile strengths. Frame wire can be manufactured as straightened or as a frame and supplied by piece or kg units in packages ready for shipment.



Sample Table of Straightened Wire Weight

C Carbon	Wire Diameter	Length (cm)	Weight (kg)
% 0.65	2,70	100	0,045
% 0.65	2,80	100	0,048
% 0.65	2,90	100	0,052
% 0.65	2,95	100	0,054
% 0.65	3,50	100	0,076
% 0.65	3,66	100	0,083
% 0.65	3,80	100	0,089
% 0.65	3,90	100	0,094
% 0.65	4,00	100	0,099
% 0.65	4,20	100	0,109
% 0.65	4,50	100	0,125
% 0.65	4,88	100	0,147