

**BRUKER-SPALECK**

SPECIALTY WIRES

# FLAT SPRING WIRE

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**PRECISE. INNOVATIVE. CUSTOMIZED.**





# TECHNICAL DATA

## GRADES & APPLICATIONS

Flat wires for spring applications	
<b>Grades:</b>	<ul style="list-style-type: none"> <li>■ Quality steels with a C content of 0.45 – 1.00 %</li> <li>■ Stainless steels</li> <li>■ Special materials</li> </ul>
<b>Finish:</b>	<ul style="list-style-type: none"> <li style="width: 50%;">■ Cold-rolled</li> <li style="width: 50%;">■ Tempered</li> <li style="width: 50%;">■ Hardened and tempered</li> <li style="width: 50%;">■ Annealed</li> </ul>
<b>Dimensions:</b>	<ul style="list-style-type: none"> <li>■ Thickness: 0.20 – 2.00 mm (Square up to 3.25 mm)</li> <li>■ Width: 1.00 – 7.00 mm</li> </ul>
<b>Tolerances:</b>	Depending on dimensions and grade: <ul style="list-style-type: none"> <li>■ Thickness: <math>\pm 0.02 \rightarrow 0.008</math> mm</li> <li>■ Width: <math>\pm 0.10 \rightarrow 0.030</math> mm</li> </ul>
<b>Edge forms:</b>	<ul style="list-style-type: none"> <li style="width: 50%;">■ Natural edge</li> <li style="width: 50%;">■ Formed edges and profiles</li> <li style="width: 50%;">■ Rolled edges</li> </ul>
<b>Surfaces:</b>	<ul style="list-style-type: none"> <li style="width: 50%;">■ Bright</li> <li style="width: 50%;">■ Phosphated</li> <li style="width: 50%;">■ Soap coated</li> <li style="width: 50%;">■ Polished</li> </ul>
<b>Packaging:</b>	In layers wounded on <ul style="list-style-type: none"> <li>■ Spools</li> <li>■ Cardboard Cores</li> <li>■ Without Core</li> </ul> Weight per unit of 40 – 1000 kg

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