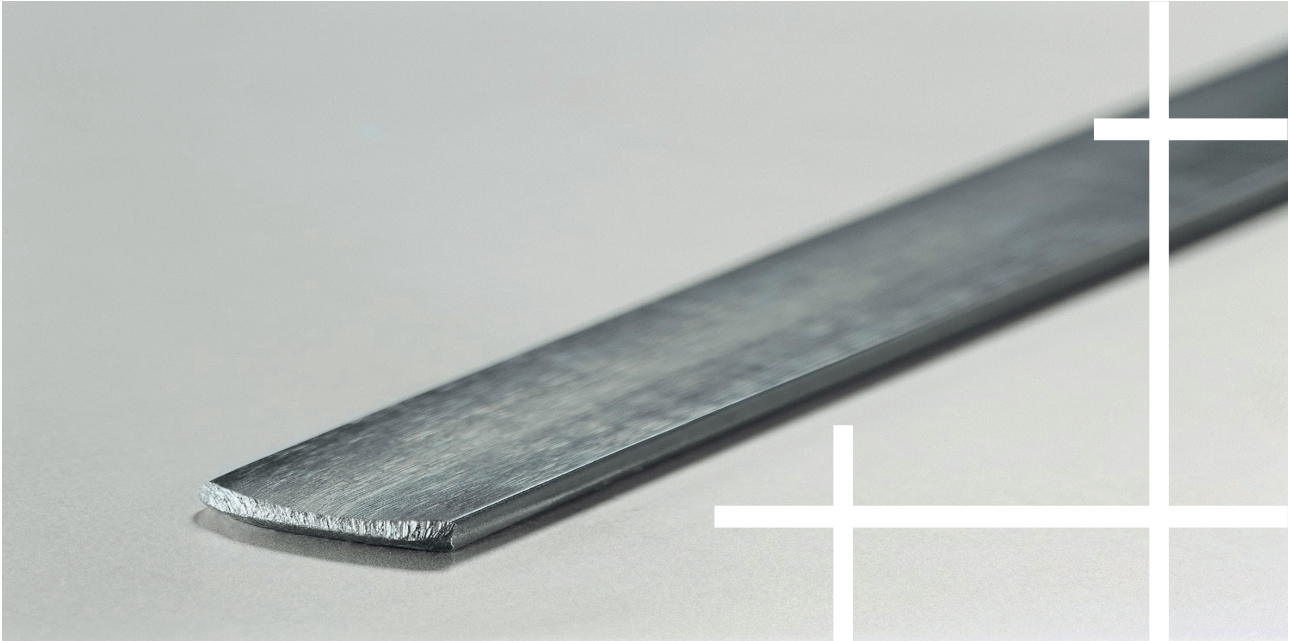

STEEL STRIP



Hot rolled steel strip is a particular hardened and improved material with best bending and spring qualities.

The finished steel strip is characterized by its very smooth surface and rounded edges. This characteristics are the best conditions for the processing. High stability, very good shaping and excellent spring characteristics are the foundations of high-quality industrial goods with special technical properties, like those used in the furniture and automobile industries, for example in spring mattresses, upholstered furniture, vehicle seats and oil dipsticks etc.

Our steel strip has all the positive characteristics that today's user can expects from a high-quality steel strip.

» The best bending characteristics for the most demanding requirements «

STEEL STRIP

Manufacturing process:	Steel strip is hot-rolled; afterwards, it is specially hardened and continuous tempered.
Quality assurance:	Full quality control through all production steps. These include, testing of the chemical, mechanical, technological, and metallographic values. All quality assurance measures, from the molten steel, to the final inspection of the product, guarantee the constant high quality of the BDW steel strip.
Steel grades:	Carbon steel according to DIN EN 10132-1 and -4, from 0,50 to 0,70 % C. Other steel types on request.
Tensile strengths:	1.100-1.700 N/mm ² . Others available on request.
Hardness values:	35-55 HR _c . Others available on request.
Measurement to mill edge:	Width 4,0 mm to 13,0 mm Thickness 0,6 mm to 4,0 mm
Dimensional tolerance:	Width $\pm 0,10$ mm Thickness $\pm 0,01$ mm
Shaping characteristics:	Circular bending over flat and high edge in accordance with DIN 8585 and 8586
Testing documents:	Available upon request, factory test certificate according to DIN EN 10204 - 3.1 B
Applications:	Spring mattresses Car seats Upholstered furniture Technical springs Oil dipsticks (Other usage options on request)
Ring weights:	For 80 mm Ring width: 60 - 150 kg For 200 mm Ring width: 150 - 400 kg For 300 mm Ring width: 400 - 1.000 kg
Inner ring diameter:	450/500 mm for 80 mm ring width 500 mm bei 200 + 300 mm ring width
Corrosion protection:	none, or with rust protection
Ring packaging:	Not packed, or in special crepe paper
Delivery forms:	Single rings, rings in bundles, rings on pallets

