



ROLLER BEARING STEEL WIRE

For highly demanding bearing applications

Our world is the world of wire - - We specialize in customer-oriented, tailor-made wire production. As a versatile and innovative partner with a unique research infrastructure, we can guarantee you high-quality material solutions in your market environment. Based on our core values of quality, flexibility, innovation and sustainability, we live out PERFORMANCE IN WIRE at every stage of the process.

Premium quality convinces premium manufacturers

- » Roller bearing steel wire for roller bearings, cone bearings, ball bearings
- » Highest surface quality und state-of-the-art annealing facilities with optimized annealing cycle for best forming properties
- » Best micro-structural properties, high cleanliness, minimal segregation - high quality wire solutions for demanding bearing applications
- » Integrated production in a unique value chain – from the iron ore to the wire product
- » Highest quality, based on a wide range of continuous casting technologies in the production of the primary material
- » Best formability thanks to thermomechanical controlled rolling processes and product-specific heat treatment steps



ROLLER BEARING STEEL WIRE

Types

DIN 1654	EN 10263	
GKZ + K	+AC+C	annealed on spheroidised carbide + cold drawing
GKZ+K+GKZ	+AC+C+AC	annealed on spheroidised carbide + cold drawn + annealed on spheroidised carbide
GKZ+K+GKZ+K	+AC+C+AC+LC	annealed on spheroidised carbide + cold drawn + annealed on spheroidised carbide + light cold second drawing

Other versions on request.

Steel grades

EN ISO 683-17	EN Steel number
100Cr6	1.3505
100CrMnSi6-4	1.3520
100CrV1	

We offer numerous other standardized and individual, customer-specific steel grades from 3t. Further heat treatment and surface conditions on request.

State-of-the-art testing technology: In addition to state-of-the-art chemical, metallographic and mechanical testing laboratories, we also offer various non-destructive testing technologies to prevent external or internal material defects.



**WHERE PREMIUM QUALITY MEETS
ECO-FRIENDLY EXCELLENCE 2027**

DEVELOP NOW! Premium Wire Solutions with reduced carbon footprint

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 voestalpine Wire Suzhou Co Ltd. | 121 Xingpu Road, Suzhou Industrial Park, 215126 Suzhou, China | T: +86 512 67631280

Dimensional range

Wire rod: 5,0 mm – 52 mm
 Drawn wire: 0,8 mm – 52mm

Coil weight

Various options up to max. 3t

Diameter tolerances

Tightest diameter tolerances
 EN 10278 (h8, h9, h10, h11)

Surface

- » Phosphate in combination with various different lubricants (e.g. soap, polymer, lime)
- » Phosphate-free variants, as well as variants with easy-to-remove phosphate coating
- » Bright, bright lubricant and bright finish
- » Various corrosion protection options
- » Blasted

Our certificates

ISO 9001
 ISO 14001
 EMAS III
 IATF 16949
 ISO 17025
 ISO 45001
 ISO 50001

For detailed information regarding our certifications visit our homepage www.voestalpine.com/wire or scan the QR Code.



Scan for more information

