

## 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 PERFOR-MANCE IN WIRE at every stage of the process.

# Premium quality convinces premium manufacturers

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



voestalpine Wire Technology www.voestalpine.com/wire



### 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		

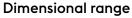
We offer numerous other standardized and individual, customer-specific steel grades from 3t. Further heat treatment and surface conditions on request.

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



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

Scan for more information

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



voestalpine Wire Rod Austria GmbH | Drahtstraße 1, 8792 St. Peter-Freienstein, Austria | T: +43 50304 27 0 voestalpine Wire Austria GmbH | Bahnhofstraße 2, 8600 Bruck an der Mur, Austria | T: +43 50304 22 0 voestalpine Wire Germany GmbH | Grenzstraße 45, 3238 Finsterwalde, Germany | T: +49 3531 786 223 voestalpine Wire Italy srl | Via Foscarini 44, 31040 Nervesa della Battaglia, Italy | T: +39 0422 7244 voestalpine Wire Suzhou Co Ltd. | 121 Xingpu Road, Suzhou Industrial Park, 215126 Suzhou, China | T: +86 512 67631280



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