



ROLLER BEARING STEEL WIRE

For highly demanding bearing applications

We specialize in customer-oriented wire products. Due to the steel production possibilities within our group, we can manufacture special steel grades according to customer requirements.

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



ROLLER BEARING STEEL WIRE

Types

DIN 1654/10.89 **EN 10263/02.02**

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

Steel grades

DIN17230/09.80	EN ISO 683-17/04.00	EN Steel number
100Cr6	100Cr6	1.3505
100CrMn6	100CrMnSi6-4	1.3520

Dimensional range

Standard dimensions are
0.50 mm - 42.0 mm

Diameter tolerances

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

Surface

- » witeco® - surface technology
- » Phosphated
- » Finally phosphate coated, soap,
borax or lime coating
- » Bright drawn
- » Red-bright

Quality management

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

For detailed information regarding
our certifications visit our webpage
www.voestalpine.com/wire

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