



COLD HEADING WIRE

Know-how shapes success

We specialize in customer-oriented wire product. 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.

Top-quality cold heading wire featuring the best formability

- » 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 thermo-mechanically controlled rolling processes and product-specific heat treatment steps
- » Highest surface quality and tightest diameter tolerances
- » A wide range of chemical compositions and mechanical properties
- » A wide variety of microalloyed cold heading wire grades with tightest tensile ranges and optimised micro structures
- » Broad selection of individual surface solutions



COLD HEADING WIRE

Excerpt from our more than 400 steel grades

EN	DIN	Werkstoffnummer
	RFE60	1.1015
	RFE80	1.1014
C4C	QST32-3	1.0303
C8C	QST 34-3	1.0213
C10C	QST36-3	1.0214
C15C	QST38-3	1.0234
C15E2C	Cq15	1.1132
C20E2C	Cq22	1.1152
Cq35	Cq35	1.1172
C45EC	Cq45	1.1192
17B2 / 18B2	17B2	1.5502 / 1.5503
20MnB4	19MnB4	1.5525
23B2	22B2	1.5508
28B2	28B2	1.5510
33B2	33B2	1.5514
35B2	35B2	1.5511
-	45B2	1.5513
38B2	-	1.5515
23MnB4	-	1.5535
30MnVS6	-	1.1302
17Cr3	17Cr3	1.7016
34Cr4	34Cr4	1.7033
41Cr4	41Cr4	1.7035
16MnCr5	16MnCr5	1.7131
34CrMo4	34CrMo4	1.7220
42CrMo4	42CrMo4	1.7225
40CrMoV4-6	40CrMoV47	1.7711
20NiCrMo2-2	21NiCrMo2	1.6523
34CrNiMo6	34CrNiMo6	1.6582
30MnB4	-	1.5526
C60S	CK60	1.1221
C67S	CK67	1.1231
32CrB4	-	1.7076
36CrB4	-	1.7077
51CrV4	50Cr V4	1.8159

Types

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



Dimensional range

Wire rod: 5,0 mm – 52 mm

Drawn wire: 0,8 mm – 52mm

Coil weight

Various options up to max. 3t weight

Diameter tolerances

Tightest diameter tolerances

EN 10278 (h8, h9, h10, h11)

Surface

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

We offer numerous other standardized and individual, customer-specific steel grades from 3t. Other 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.

Our certificates

EN ISO 9001:2015
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 or scan the QR Code:



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ECO-FRIENDLY EXCELLENCE 2027**

DEVELOP NOW! Premium Wire Solutions with
reduced carbon footprint

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