

# WIRE ROD FOR COLD HEADING AND COLD EXTRUSION STEEL PARTS



voestalpine Austria Draht GmbH produces wire rod for cold heading and cold extrusion components, which meets national and international standards, e.g. EN, DIN, SAE, NFA, UNI.

Specific chemical compositions can be agreed in accordance with customer requirements.

Wire rod can also be supplied in an after-treated condition, i.e. annealed, pickled, phosphate coated, soap coated and polymer coated.

#### COIL SIZE:

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

#### COIL WEIGHT:

Approx. 1.500 kg

#### DELIVERY:

In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

#### DIMENSIONS:

5.0 mm - 32.0 mm

#### TOLERANCES:

EN10108 class A and B



#### voestalpine Austria Draht GmbH

Drahtstrasse 1, 8792 St. Peter-Freienstein, Austria

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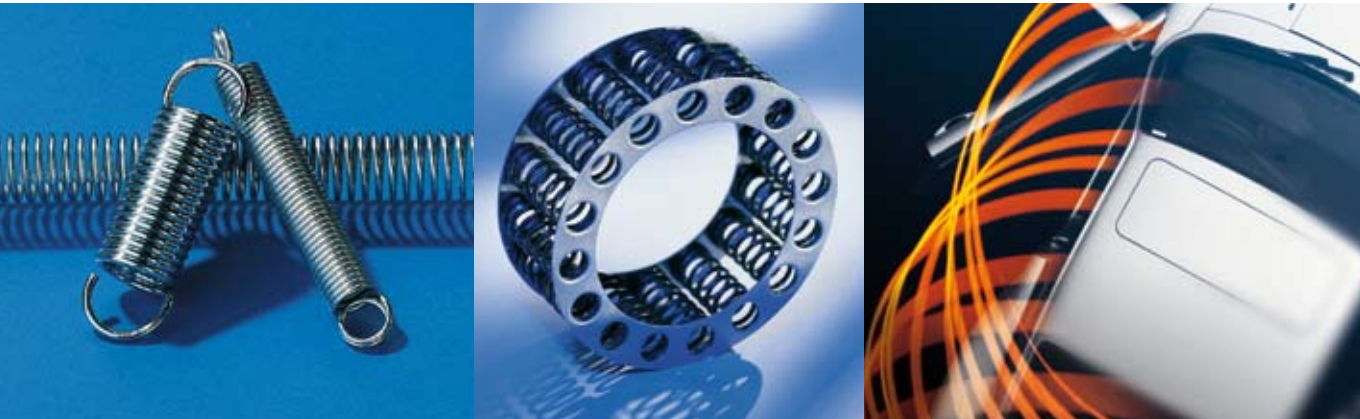
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# WIRE ROD FOR THE MANUFACTURE OF SPRINGS



voestalpine Austria Draht GmbH produces wire rod for the manufacture of springs of all kinds, in particular for the automotive industry. National and international standards are observed during every production phase. Specific chemical compositions can be agreed in accordance with customer requirements.

The wire rod can also be supplied in an after-treated condition, i.e. annealed, pickled, phosphate coated, soap coated and polymer coated.

#### COIL SIZE:

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

#### COIL WEIGHT:

Approx. 1.500 kg

#### DELIVERY:

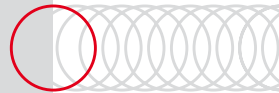
In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

#### DIMENSIONS:

5.0 mm - 32.0 mm

#### TOLERANCES:

EN10017  
EN10108 class A and B



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# WIRE ROD FOR THE MANUFACTURE OF SPRINGS



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The wire rod can also be supplied in an after-treated condition, i.e. annealed, pickled, phosphate coated, soap coated or polymer coated.

**COIL SIZE:**

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

**COIL WEIGHT:**

Approx. 1.500 kg

**DELIVERY:**

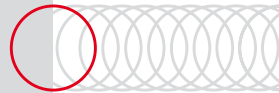
In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

**DIMENSIONS:**

5.0 mm - 32.0 mm

**TOLERANCES:**

EN10017  
EN10108 class A and B

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# WIRE ROD FOR WELDING APPLICATIONS



voestalpine Austria Draht GmbH produces wire rod for inert gas and UP welding, as well as for the production of bar electrodes. National and international standards are taken into account in this connection and chemical composition variations can be agreed on request.

Wire rod can also be supplied in an after-treated condition, i.e. annealed, pickled, phosphate coated, soap coated and polymer coated.

#### COIL SIZE:

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

#### COIL WEIGHT:

Approx. 1.500 kg

#### DELIVERY:

In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

#### DIMENSIONS:

5.0 mm - 7 mm

#### TOLERANCES:

EN10017  
EN10108 class A



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# WIRE ROD FOR COLD DRAWN STEEL PRODUCTS



voestalpine Austria Draht GmbH produces wire rod for the manufacture of drawn wire for a large variety of applications, e.g. from florist's wire to steel tyre cord wire. International standards are observed during every production phase, e.g. EN, DIN, SAE, NFA, UNI.

Specific chemical compositions can be agreed in accordance with customer requirements.

Wire rod can also be supplied in an after-treated condition, i.e. annealed, pickled, phosphate coated, soap coated and polymer coated.

#### COIL SIZE:

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

#### COIL WEIGHT:

Approx. 1.500 kg

#### DELIVERY:

In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

#### DIMENSIONS:

5.0 mm - 32.0 mm

#### TOLERANCES:

EN10017  
EN10108 class A and B



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# WIRE ROD FOR THE MANUFACTURE OF STEEL TYRE CORD



voestalpine Austria Draht GmbH produces wire rod for the manufacture of steel cord for car and truck tyres, as well as for tyre bead and tube reinforcement wire. The technologies used in steel production and wire rolling ensure that the wire rod can be drawn down to an extremely thin final size and that the demanding mechanical properties required for the finished product are achieved.

Wire rod can also be supplied in an after-treated condition, i.e. pickled, phosphate coated, soap coated and polymer coated.

#### COIL SIZE:

Outer diameter..... ca. 1.250 mm  
Inner diameter..... ca. 850 mm

#### COIL WEIGHT:

Approx. 1.500 kg

#### DELIVERY:

In compacted coils, two coils being bound together to form a shipping unit. Binding wire is used for strapping in three to four places.

#### DIMENSIONS:

5.0 mm - 5.5 mm

#### TOLERANCES:

EN10017  
EN10108 class A and B



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# WIRE ROD TO MEET THE HIGHEST DEMANDS



As a long-standing specialist, voestalpine Austria Draht GmbH is able to offer wire rod for applications that are both diverse and demanding.

#### WE SUPPLY:

**Wire rod** in rolled, annealed and surface treated qualities, with diameters from 5.0 – 32.0 mm, for the manufacture of:

- Cold heading and cold extrusion parts
- Filler welding materials
- Chains
- Steel cord
- Bearings
- Springs
- Pre-stressing steel
- Ropes

In our production, we operate a 2-stand automated high-performance wire rod mill, which in its design numbers among the most modern in Europe.

#### PLANT DESCRIPTION:

- 130 mm square cross-section billets
- Natural gas heated walking beam furnace with an output of 150t/h
- 8-stand roughing train
- 10-stand intermediate trains, compact stands, horizontal-vertical arrangement
- Loop for thermomechanical rolling
- 10-stand finishing blocks,
- Stelmor cooling lines
- Garrett line for  $\varnothing$  24.0 – 32.0 mm

In addition, the latest state of the art equipment is available to carry out the following operations:

- Pickling
- Surface coating (phosphate, soap and polymer coating)
- Annealing



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