



WIRE ROD

PRODUCTS, DIMENSIONS

The assortment of wire rod is wide and includes low-carbon, high-carbon and special steel.

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| <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FROM LOW-CARBON STEEL | <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FOR CHAINS | <ul style="list-style-type: none"> › ANNEALED WIRE ROD AND BARS IN COILS |
| <ul style="list-style-type: none"> › WIRE ROD FOR ROPES AND STRANDS | <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FOR SPRINGS AND STABILIZERS | <ul style="list-style-type: none"> › POSSIBILITY OF CHEMICAL DESCALING |
| <ul style="list-style-type: none"> › WIRE ROD FOR STEEL TYRE CORDS | <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FOR PRODUCTION OF BEARINGS | <ul style="list-style-type: none"> › APPLICATION OF THERMOMECHANICAL ROLLING FOR SPECIFIC ASSORTMENT (STEEL GRADES) |
| <ul style="list-style-type: none"> › WIRE ROD FOR WELDING ACCESSORIES | <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FROM FREE CUTTING STEEL | |
| <ul style="list-style-type: none"> › WIRE ROD AND BARS IN COILS FOR CHQ APPLICATIONS AND FASTENERS | | |

WIRE ROD DIMENSIONS - CONTINUOUS WIRE ROD MILL

mm	5.5	6.0	6.5	7.0	7.5	8.0	*8.5
	9.0	*9.5	10.0	10.5	11.0	*11.5	12.0
	*12.5	13.0	14.0	*14.5	15.0	16.0	

*8.5, 9.5, 11.5, 12.5, 14.5 only by agreement when large amount is supplied

DIMENSIONS OF COILS - CONTINUOUS WIRE ROD MILL

Diameter	Coil weight	Coil dimensions		
		Length	Inner diameter	Outer diameter
5.5-16.0 mm	1 800 - 2 200 kg	1 600 mm	min. 850 mm	max. 1 300 mm

BARS IN COILS DIMENSIONS - CONTINUOUS LIGHT SECTION MILL (GARRETS)

mm	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0
	21.5	21.7	22.0	22.5	23.0	23.65	24.0	24.5	25.0	26.0	26.5
	27.0	27.4	28.0	28.5	29.0	29.5	30.0	30.5	31.0	32.0	32.5
	33.0	33.5	34.0	34.5	35.0	35.5	36.0	37.0	38.0	39.0	40.0
	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	

DIMENSIONS OF COILS - CONTINUOUS LIGHT SECTION MILL

Diameter	Coil weight	Coil dimensions		
		Length	Inner diameter	Outer diameter
16 - 50 mm	cca 2 000 kg	630 - 1 070 mm	min. 950 mm	max. 1 350 mm

*It is supplied in bundles of ca. 4 000 kg

PRODUCTION FACILITIES

CONTINUOUS WIRE ROD MILL

CHARGE
Billets 155 × 155 mm × 11.6 m
PRODUCT
Wire rod Ø 5.5 - 16 mm
Weight of coils ca. 2 000 kg
PRODUCTION CAPACITY AND ROLLING SPEED
900 kt per year
Max. 110 m/s according to diameter of wire rod

CONTINUOUS LIGHT SECTION MILL

CHARGE
Billets 155 × 155 mm × 11.6 m
PRODUCT
Bars in coils
Round steel Ø 16 - 50 mm
Weight of coils ca. 2 000 kg supplied in bundles of ca. 4 000 kg
PRODUCTION CAPACITY
120 kt per year

POSSIBILITIES OF OTHER PROCESSING OF WIRE ROD

WIRE ROD ANNEALING
Product
Annealed wire rod Ø 5.5 - 50 mm
Weight of coils ca. 2 000 kg
Our facility
5 chamber annealing STC (Short Time Cycle) furnaces
Production capacity
24 kt per year
Types of annealing
Spheroidize annealing
Soft annealing

WIRE ROD DESCALING
Wire rod descaling is realized in our subsidiary companies - in Metalurgia Radomsko, ŽDB Drátovna, Drótáru
WIRE ROD DRAWING
Coil to coil is realized in Staku line, drawn diameters Ø 7 - 25 mm
Coil to bar is realized in the plant of Třinecké železářny, a. s. - VF Steel drawing plant in Staré Město near Uherské Hradiště, drawn diameters Ø 5 - 70 mm

QUALITY

Quality management system

The assortment of wire rod includes low-carbon, high-carbon and special steel. The production of wire rod as well as the portfolio of other long products are included into an integrated management system (IMS), which includes a certified quality management system (QMS), environmental management system (EMS), energy management system (EnMS), as well as occupational health and safety (OHS), major accident prevention (MAP) and sustainability.

Certificates

- › Quality system certificates (ISO 9001:2015; IATF 16949:2016)
- › Environmental System Certificate (ISO 14001:2015)
- › Energy Management System Certificate (ISO 50001: 2018)

CONTACT

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