



ArcelorMittal

Wire Rod

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ArcelorMittal's Wire Rod

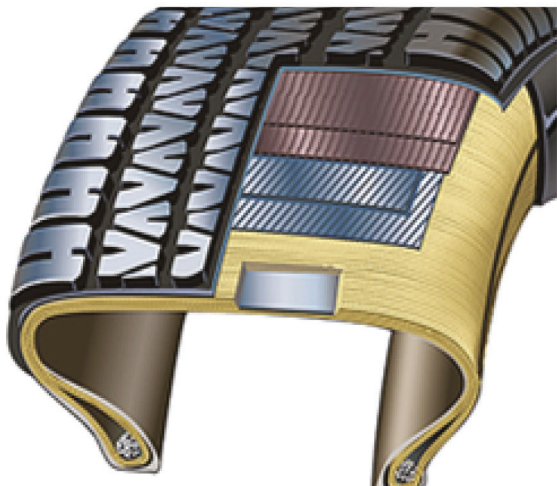
is the market leader in Brazil and Latin America

Description:

Long steel, hot-rolled and coiled, with a solid, constant round cross section. The nominal diameter range produced by ArcelorMittal Brazil varies from 4.75 mm to 42.50 mm.

Accreditation:

ArcelorMittal is the absolute leader in the Brazilian and Latin American markets, with international prominence in the tire cord segment (bead wire and steel cords for tires) and suspension springs for vehicles.



Various applications:

With a broad portfolio, ArcelorMittal produces carbon and low-alloy steel wire rod, offering the best raw material option for a wide range of sectors, such as automotive, tire cord (steel cord and bead wire), suspension springs, fasteners, welding, cables, home appliances, agriculture, civil construction, electrification, and many others.



Diameters and Dimensional Tolerance:

Wire Rod (mm)

4.75	8.00	12.70	19.05	30.20
5.50	9.00	13.50	20.00	31.75
6.00	9.53	14.30	20.64	34.00
6.35	10.00	14.50	22.50	36.00
6.40	10.50	15.00	23.81	38.00
6.50	11.00	15.90	25.40	40.00
7.00	11.50	17.50	27.00	41.28
7.50	12.00	18.30	28.58	42.50

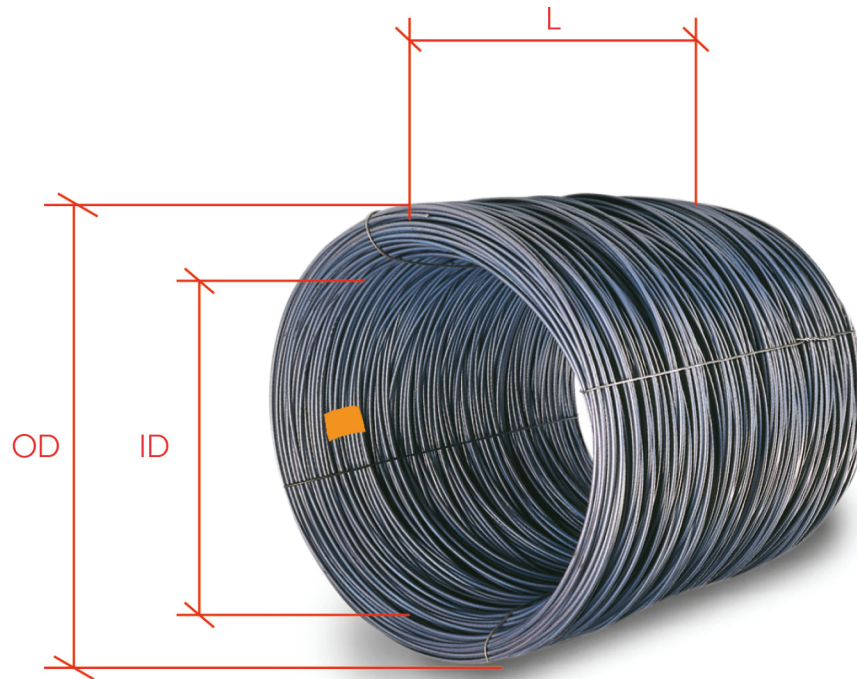
Note: Diameter availability varies depending on the type of steel and mill.

Diameter (mm)	Tolerance (mm)	Ovality (mm)
5.50 to 8.90	+/- 0.30	0.50
9.00 to 14.90	+/- 0.40	0.65
15.00 to 24.90	+/- 0.50	0.80
25.00 to 30.90	+/- 0.60	1.00
31.00 to 42.50	+/- 0.70	1.20

Note: Stricter tolerances available upon request.



General characteristics of Wire Rod



Weight:

95% of coils between 1,500 and 2,300 kg
5% of coils up to 1,500 kg

Diameter:

Inner (I.D.): from 900 to 1,100 mm
Outer (E.D.): from 1,200 to 1,450 mm

Length (L):

Wire rod diameter up to 19.05 mm: from 1,300 to 1,900 mm
Wire rod diameter > 19.05 mm: from 900 to 1,300 mm

Recommended side for starting to unwind the coil:

Label on one end marked "Tail" or "Payoff".

Every product is supplied with two labels with information about the steel, deoxidation method, quality level, diameter, heat and partition, coil weight and barcodes. A Quality Certificate is provided with the material, containing its chemical composition. Mechanical properties and metallographic characteristics can also be included in the certificate upon request.

Consult our specialists and request a Technical Data Sheet!

Customer Service Center
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