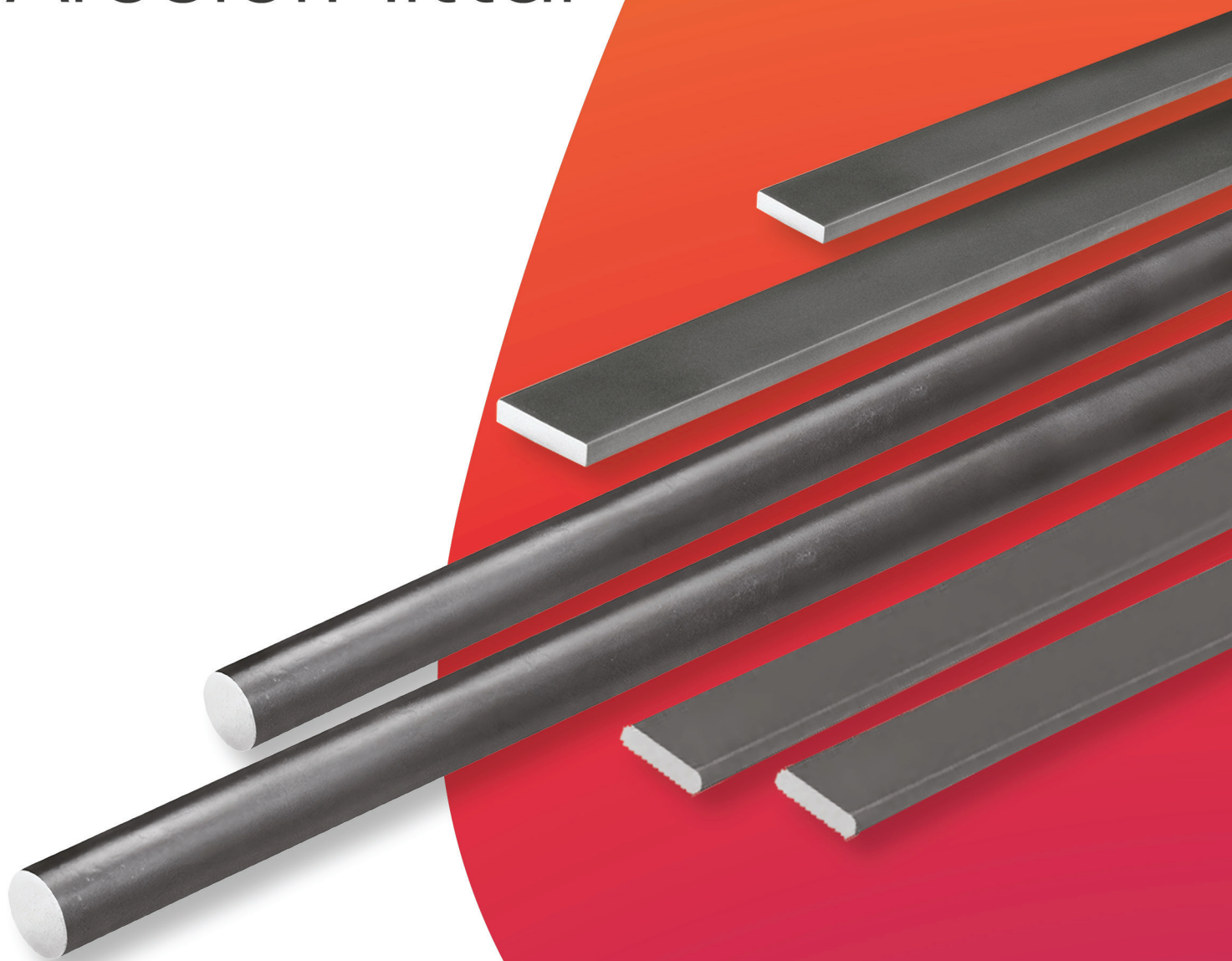




ArcelorMittal

Hot Rolled Bars

ArcelorMittal



Hot Rolled Bars

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When you choose ArcelorMittal Hot Rolled Bars, you rely on a globally recognized brand committed to quality, specialized technical support, and a high standard of service.

Like all ArcelorMittal products, Rolled Bars for mechanical and structural application stand out for their quality and reliability. Developed to meet the wide-ranging needs of industry and construction, they offer suitable mechanical properties, consistent performance and versatility. Produced in accordance with strict technical and normative standards, ensuring safety, durability, and practicality in manufacturing processes and applications.

ArcelorMittal's quality certificates ensure full conformity and traceability throughout the entire product line – with uniform chemical composition, standardized dimensional control, and certified bundles – reinforcing our commitment to technical excellence and customer satisfaction.



Round Rolled Bar

Versatility and Reliability

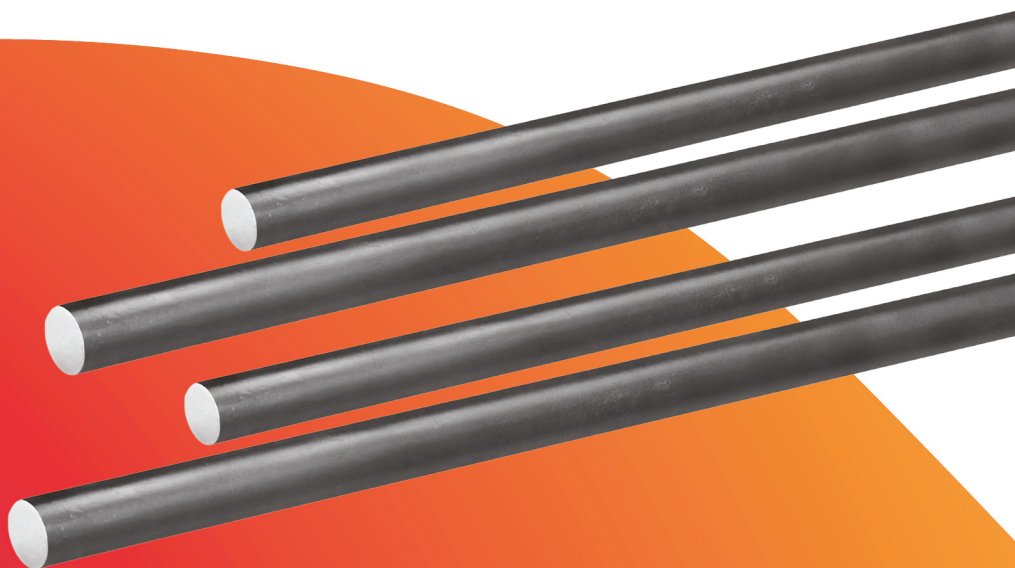
The Round Rolled Bar is produced in steel according to NBR 7007, ASTM A36, ASTM A572 and NBR 11294 standards.

Main Applications:

- Metal structures and frameworks
- Agricultural and Road Implements
- Machine and equipment components
- General mechanical and industrial applications

Diameters	
inch	mm
1/4"	6.35
5/16"	7.94
3/8"	9.53
7/16"	11.11
-	12.00
1/2"	12.70
9/16"	14.29
5/8"	15.88
3/4"	19.05
7/8"	22.22
1"	25.40
1 1/16"	26.99
1 1/8"	28.58
1 3/16"	30.16
1 1/4"	31.75
1 5/16"	33.34
1 3/8"	34.93
1 7/16"	36.51
1 1/2"	38.10
1 9/16"	39.69
1 5/8"	41.28
1 11/16"	42.86
1 3/4"	44.45
1 7/8"	47.60
1 15/16"	49.21
2"	50.80
2 1/16"	52.39
2 1/8"	53.98

Diameters	
inch	mm
2 3/16"	55.56
2 1/4"	57.15
2 5/16"	58.74
2 3/8"	60.33
2 7/16"	61.91
2 1/2"	63.50
2 9/16"	65.09
2 5/8"	66.68
2 11/16"	68.26
2 3/4"	69.85
2 7/8"	73.03
2 15/16"	74.61
3"	76.20
3 1/16"	77.79
3 1/8"	79.38
3 3/16"	80.96
3 1/4"	82.55
3 5/16"	84.14
3 3/8"	85.73
3 7/16"	87.31
3 1/2"	88.90
3 9/16"	90.49
3 5/8"	92.08
3 3/4"	95.25
3 7/8"	98.43
4"	101.60
4 1/4"	107.95
4 1/2"	114.30



Flat Bar

Versatility and strength for structural and mechanical applications

Produced in steel according to NBR 7007, ASTM A36, ASTM A572, and NBR 16683 standards, the Flat Bar is a rectangular cross section bar, with square edges, a nominal thickness greater than 2.0 mm, and a nominal width less than 210 mm.

Main Applications:

- Metal structures and frameworks
- Agricultural and Road Implements

Specifications: NBR 7007 MR 250 (ASTM A36). Other dimensions and steel grades are available on request.

Standard Length: 6 m. Further measures are available on request.

Dimensions x Linear Mass (kg/m) – Inch Series

Thickness		Width																		
inch		3/8"	1/2"	5/8"	3/4"	7/8"	1"	1.1/4"	1.1/2"	1.3/4"	2"	2.1/2"	2.3/4"	3"	3.1/2"		4"	5"		6"
	mm	9.53	12.70	15.87	19.05	22.22	25.40	31.75	38.10	44.45	50.80	63.50	69.85	76.20	88.90	100.00	101.60	127.00	130.00	152.40
	2.50	-	0.25	0.31	0.37	-	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-
	3.00	-	0.30	0.37	0.45	-	0.60	0.75	-	-	-	-	-	-	-	-	-	-	-	-
1/8"	3.17	0.24	0.32	0.39	0.47	0.55	0.63	0.79	0.95	-	1.26	-	-	-	-	-	-	-	-	-
	4.00	-	-	0.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4.50	-	0.45	-	0.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3/16"	4.76	-	0.47	0.59	0.71	0.83	0.95	1.19	1.42	-	1.90	-	-	-	-	-	-	-	-	-
	6.00	-	0.60	-	-	-	-	-	-	-	2.39	2.99	-	3.59	-	-	4.79	-	-	-
1/4"	6.35	-	0.63	0.79	0.95	1.11	1.27	1.58	1.90	2.22	2.53	3.17	3.48	3.80	-	-	5.06	6.33	-	7.60
5/16"	7.94	-	-	-	-	-	-	1.98	2.37	2.77	3.17	3.96	-	4.75	5.54	-	6.33	7.92	-	9.50
3/8"	9.53	-	-	-	-	-	-	2.38	2.85	-	3.80	4.75	-	5.70	-	-	7.60	9.50	-	11.40
	11.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.64	-	-	11.23	-
7/16"	11.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.42	-	-	12.25	-
1/2"	12.70	-	-	-	-	-	-	3.17	3.80	-	5.06	6.33	-	7.60	8.86	-	10.13	12.66	-	15.19
5/8"	15.87	-	-	-	-	-	-	-	4.75	-	6.33	7.91	-	9.49	11.08	-	12.66	15.82	-	18.99
	16.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.56	-	-	16.33	-
	19.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.92	-	-	19.39	-
3/4"	19.05	-	-	-	-	-	-	-	-	-	7.60	9.50	-	11.40	-	-	15.19	18.99	-	22.79
7/8"	22.22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.72	22.15	-	26.58
1"	25.40	-	-	-	-	-	-	-	-	-	-	-	-	15.19	-	-	20.26	25.32	-	30.39
1.1/4"	31.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.32	-	-	-

Flat Bar for Leaf Spring

Strength and Durability

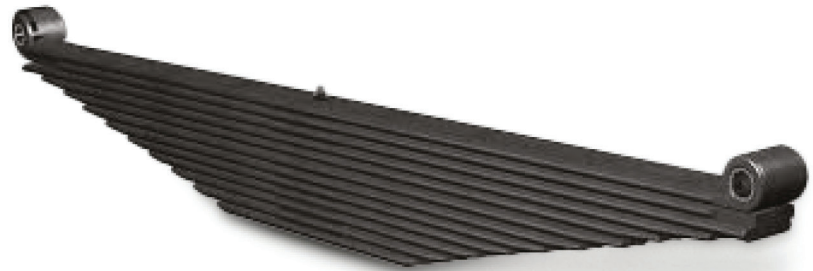
The Flat Spring Bar has round edges and is used for the production of leaf springs. The product is produced in steel according to NBR 11865 standard (Hot rolled flat steel bar for the manufacture of springs and leaf springs).

Available steels:

• SAE 5160 • SAE 51B60 • SAE 6150 • DIN 51CrV4

Lengths from 5.00 to 12.00 m

Dimensions	
Width (mm)	50 to 127
Thickness (mm)	8 to 48



The Flat Bars can be manufactured in the following types of edge profiles:



Profile A: Flat bar with round edges



Profile C: Flat bar with straight edges and rounded corners



Safety Considerations:

Each category of Bars is subject to strict quality and safety guidelines. These components are manufactured with extreme precision to ensure their suitability for specific applications, following production standards established by the plants. Thus, they fully meet the standards defined for each type, ensuring their reliability and performance as required.

Warranty Policy:

The materials supplied by ArcelorMittal are produced, tested, and approved according to the requirements of the standard or technical specification requested. If you have any questions, please contact our **Customer Support:**
0800 0151221 | brasil.arcelormittal.com

ArcelorMittal Rolled Bars are produced following the requirements of international standards, currently established in Brazilian standards. You can check the information in the Quality Certificates provided with the products, and confirm our great concern regarding quality and safety in their applications and uses.



Customer Service
0800 015 1221
brasil.arcelormittal.com

ISO 9001
ISO 14001
ISO 45001
BUREAU VERITAS
Certification

