

Smooth Bars

The bars are fabricated through the hot rolling of steel billets in circular and square sections with a smooth and uniform finish that does not require further machining to improve appearance.

Uses:

They are widely used in metallic joinery and in the metal forming industry, in security applications such as grilles for doors and windows, lattice girders and beams of open webbing

Round

Technical Specifications:				
<i>Nominal Dimensions</i>				
Bar Designation Number	Diameter (d)		Sectional Area	Nominal Weight
Number = d (inch)/0.125	Inches in fractions	Inches in decimal	Inches ^2	Lb. / Ft.
3	3/8	0.375	0.11	0.376
4	1/2	0.500	0.20	0.668
5	5/8	0.625	0.31	1.043
6	3/4	0.750	0.44	1.502
7	7/8	0.875	0.60	2.044
8	1	1.000	0.79	2.670

Squared

Technical Specifications:				
		Sectional Area	Nominal Weight	Deviation in Weight
Inches in fractions	Inches in decimal	Inches ^2	Lb. / Ft.	% (+/-)
7/16	0.438	0.19	0.651	-3%
3/8	0.375	0.14	0.479	-4%
1/2	0.500	0.25	0.851	-3%
5/8	0.625	0.39	1.329	-2%
3/4	0.750	0.56	1.914	-2%

