

# SQUARE BAR



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# SQUARE BAR

STANDARD	GRADE	Thickness (mm)	CHEMICAL COMPOSITION					MECHANICAL PROPERTIES			
			C (%)	Si (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)	
JIS	SS400	t ≤ 5				≤ 0.05	≤ 0.05	≥ 245	400 - 510	21	
		5 < t ≤ 16						≥ 235		17	
		16 < t ≤ 40						≥ 215		21	
		t > 40						≥ 205		23	
	SS540	t ≤ 5	≤ 0.30			≤ 1.60	≤ 0.04	≤ 0.04	≥ 245	400 - 510	21
		5 < t ≤ 16							≥ 245		17
		16 < t ≤ 40							≥ 235		21
		t > 40							≥ 215		23

Size	Weight/6 m
12 mm x 12 mm x 12 m	7 Kg
16 mm x 16 mm x 16 m	12 Kg
19 mm x 19 mm x 19 m	17 Kg
22 mm x 22 mm x 22 m	23 Kg
25 mm x 25 mm x 25 m	29 Kg
32 mm x 32 mm x 32 m	48 Kg

Size	Weight/6 m
38 mm x 38 mm x 38 m	68 Kg
40 mm x 40 mm x 40 m	75 Kg
50 mm x 50 mm x 50 m	118 Kg
65 mm x 65 mm x 65 m	199 Kg
75 mm x 75 mm x 75 m	265 Kg

