

ROUND BAR



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ROUND BAR

STANDARD	GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES		
		C (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)
SNI	BJTP 24					235	380	20%
SNI	BJTP 30					295	440	18%

STANDARD	GRADE	CHEMICAL COMPOSITION				MECHANICAL PROPERTIES		
		C (%)	Mn (%)	P (%)	S (%)	Min Yield Point (Mpa)	Tensile Strength (Mpa)	Minimum Elongation (%)
SNI	BJTS 35					345	490	18%
SNI	BJTS 40						560	
SNI	BJTS 50						620	

AVAILABLE SIZES AND WEIGHT :

ROUND BAR			TOLERANCE	
Size	Weight/12 m		Diameter	Weight
6 mm x 12 mm	2.66 Kg		± 0.3 mm	± 7%
8 mm x 12 mm	4.74 Kg		± 0.4 mm	± 7%
10 mm x 12 mm	7.40 Kg		± 0.4 mm	± 6%
12 mm x 12 mm	10.66 Kg		± 0.4 mm	± 6%
14 mm x 12 mm	14.52 Kg		± 0.4 mm	± 6%
16 mm x 12 mm	18.96 Kg		± 0.5 mm	± 5%
19 mm x 12 mm	26.76 Kg		± 0.5 mm	± 5%
22 mm x 12 mm	35.76 Kg		± 0.5 mm	± 5%
25 mm x 12 mm	46.20 Kg		± 0.5 mm	± 5%
28 mm x 12 mm	57.96 Kg		± 0.6 mm	± 5%
32 mm x 12 mm	75.72 Kg		± 0.8 mm	± 4%
36 mm x 12 mm	95.88 Kg		± 0.8 mm	± 4%
40 mm x 12 mm	118.32 Kg		± 0.8 mm	± 4%
50 mm x 12 mm	184.80 Kg		± 0.8 mm	± 4%

DEFORMED BAR			TOLERANCE	
Size	Weight/12 m		Diameter	Weight
6 mm x 12 mm	2.66 Kg		± 0.3 mm	± 7%
8 mm x 12 mm	4.74 Kg		± 0.4 mm	± 7%
10 mm x 12 mm	7.40 Kg		± 0.4 mm	± 6%
13 mm x 12 mm	12.48 Kg		± 0.4 mm	± 6%
16 mm x 12 mm	18.96 Kg		± 0.5 mm	± 5%
19 mm x 12 mm	26.76 Kg		± 0.5 mm	± 5%
22 mm x 12 mm	35.76 Kg		± 0.5 mm	± 5%
25 mm x 12 mm	46.20 Kg		± 0.5 mm	± 5%
29 mm x 12 mm	62.28 Kg		± 0.6 mm	± 5%
32 mm x 12 mm	75.72 Kg		± 0.8 mm	± 4%
36 mm x 12 mm	95.88 Kg		± 0.8 mm	± 4%
40 mm x 12 mm	118.32 Kg		± 0.8 mm	± 4%
50 mm x 12 mm	184.80 Kg		± 0.8 mm	± 4%

NB : Weight (kg) = (D)² X 0.06165 X 12



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