

SHAFTING BAR



PT. SAPTA SUMBER LANCAR
STEEL STOCKIST, SUPPLIER AND SERVICES
Office : Ngagel Jaya Utara no. 56, Surabaya - 60284

P : +62 31 9944 3555, +62 31 9944 3777
F : +62 31 9944 5000
E : sales@sapta.co

SHAFTING BAR

STANDARD	GRADE	CHEMICAL COMPOSITION							MECHANICAL PROPERTIES		
		C (%)	Si (%)	Mn (%)	Cr (%)	Mo (%)	P (%)	S (%)	Tensile Strength Mpa	Yield Strength Mpa	Minimum Elongation (%)
JIS G3123	ST41	0.20-0.25	0.29~1.06				0.045	0.045		450	
JIS G4051	ST60/S45C/AISI 1045	0.42-0.48	0.30-0.80	0.29~1.06			0.025	0.025	460	530	9%
JIS G4105	ST70/SCM 440/AISI 4140	0.38-0.43	0.30-0.80	0.60-0.85	0.90-1.20	0.15-0.30	0.025	0.025	770	1070	11%
JIS G4103	ST90/SNCM 447/AISI 4340	0.36-0.43	0.15-0.35	0.60-0.90	0.60-1.00	0.15-0.30	0.03	0.03	710	1110	22%

AVAILABLE SIZES AND WEIGHT :

Size	Weight/6 m
1/4 in x 6 m	1.50 Kg
5/16 in x 6 m	2.34 Kg
3/8 in x 6 m	3.50 Kg
1/2 in x 6 m	6.00 Kg
5/8 in x 6 m	9.35 Kg
3/4 in x 6 m	13.50 Kg

Size	Weight/6 m
7/8 in x 6 m	18.50 Kg
1 in x 6 m	24.00 Kg
1 1/4 in x 6 m	38.00 Kg
1 1/2 in x 6 m	54.00 Kg
1 3/4 in x 6 m	74.50 Kg
2 in x 6 m	96.00 Kg

Size	Weight/6 m
2 1/4 in x 6 m	122.00 Kg
2 1/2 in x 6 m	142.00 Kg
2 3/4 in x 6 m	183.00 Kg
3 in x 6 m	216.00 Kg

Size	Weight/6 m
6 mm x 6 m	1.35 Kg
7 mm x 6 m	1.85 Kg
8 mm x 6 m	2.37 Kg
10 mm x 6 m	3.72 Kg
11 mm x 6 m	4.50 Kg
12 mm x 6 m	5.35 Kg
13 mm x 6 m	6.29 Kg
14 mm x 6 m	7.30 Kg
15 mm x 6 m	8.37 Kg
16 mm x 6 m	9.52 Kg
17 mm x 6 m	10.70 Kg
18 mm x 6 m	12.05 Kg
19 mm x 6 m	13.35 Kg
20 mm x 6 m	14.80 Kg
22 mm x 6 m	17.90 Kg
24 mm x 6 m	21.79 Kg
25 mm x 6 m	23.25 Kg
28 mm x 6 m	29.00 Kg
30 mm x 6 m	33.45 Kg
32 mm x 6 m	38.00 Kg
35 mm x 6 m	45.47 Kg
36 mm x 6 m	48.21 Kg
38 mm x 6 m	53.72 Kg
40 mm x 6 m	59.52 Kg
45 mm x 6 m	75.33 Kg
50 mm x 6 m	96.00 Kg

Size	Weight/6 m
55 mm x 6 m	112.53 Kg
60 mm x 6 m	134.90 Kg
65 mm x 6 m	157.00 Kg
70 mm x 6 m	182.00 Kg
75 mm x 6 m	210.00 Kg
78 mm x 6 m	226.30 Kg
80 mm x 6 m	238.00 Kg
85 mm x 6 m	268.80 Kg
90 mm x 6 m	301.00 Kg
95 mm x 6 m	335.70 Kg
98 mm x 6 m	357.27 Kg
100 mm x 6 m	372.00 Kg
103 mm x 6 m	394.70 Kg
105 mm x 6 m	410.00 Kg
110 mm x 6 m	450.00 Kg
115 mm x 6 m	492.00 Kg
120 mm x 6 m	535.60 Kg
125 mm x 6 m	581.00 Kg
130 mm x 6 m	629.00 Kg
135 mm x 6 m	678.00 Kg
140 mm x 6 m	729.00 Kg
145 mm x 6 m	782.00 Kg
150 mm x 6 m	837.00 Kg
155 mm x 6 m	894.00 Kg
160 mm x 6 m	942.00 Kg
165 mm x 6 m	1012.00 Kg

Size	Weight/6 m
170 mm x 6 m	1075.00 Kg
175 mm x 6 m	1139.00 Kg
180 mm x 6 m	1205.00 Kg
190 mm x 6 m	1343.00 Kg
200 mm x 6 m	1488.00 Kg
205 mm x 6 m	1563.00 Kg
207 mm x 6 m	1594.00 Kg
210 mm x 6 m	1640.00 Kg
220 mm x 6 m	1800.00 Kg
230 mm x 6 m	1968.00 Kg
240 mm x 6 m	2143.00 Kg
250 mm x 6 m	2325.00 Kg
260 mm x 6 m	2515.00 Kg
270 mm x 6 m	2712.00 Kg
280 mm x 6 m	2917.00 Kg
290 mm x 6 m	3129.00 Kg
300 mm x 6 m	3348.00 Kg
310 mm x 6 m	3575.00 Kg
320 mm x 6 m	3810.00 Kg
330 mm x 6 m	4051.00 Kg
340 mm x 6 m	4300.00 Kg
350 mm x 6 m	4557.00 Kg
360 mm x 6 m	4821.00 Kg
380 mm x 6 m	5371.70 Kg
400 mm x 6 m	5952.00 Kg

NB : Weight (kg) = (D)² X 0.06165 X 6



PT. SAPTA SUMBER LANCAR
STEEL STOCKIST, SUPPLIER AND SERVICES
Office : Ngagel Jaya Utara no. 56, Surabaya - 60284

P : +62 31 9944 3555, +62 31 9944 3777
F : +62 31 9944 5000
E : sales@sapta.co