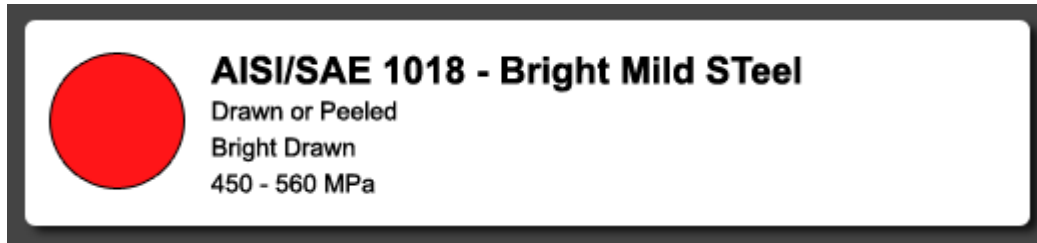


MACSTEEL - SPECIAL STEELS CATALOGUE

Lea Road
Dunswart
P O Box 6130, Dunswart 1508
South Africa

Tel: (011) 897-5000
Fax: (011) 918-1125
Email: mac.dun@mactrading.co.za
Web: www.macsteel.co.za



Typical Uses

Shafts, Bolts, nuts, studs, couplings, and machinery components where a low tensile strength material is required.

AISI/SAE 1018	
Carbon	0.15 – 0.20
Silicon	0.15 – 0.35
Manganese	0.60 – 0.90
Sulphur	0.05 max
Phosphorus	0.04 max

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Size Range			
Diameter in mm	Theoretical Mass Kg/m	Diameter in mm	Theoretical Mass Kg/m
4	0.099	42	10.875
5	0.154	45	12.484
6	0.222	48	14.204
7	0.302	50	15.413
8	0.395	55	18.649
9	0.499	60	22.194
10	0.617	65	26.047
11	0.746	70	30.209
12	0.888	75	34.678
14	1.208	80	39.456
15	1.387	85	44.542
16	1.578	90	49.937
18	1.997	95	55.639
19	2.226	100	61.650
20	2.466	105	67.969
22	2.984	110	74.597
24	3.551	115	81.532
25	3.853	120	88.776
28	4.833	125	96.328
30	5.549	130	104.189
32	6.313	135	112.357
35	7.552	140	120.834
36	7.990	145	129.619
38	8.902	150	138.713
40	9.864	160	157.824

Sold To Analysis Only.

Although every care has been taken in the compilation of this brochure, which is for information only, no responsibility can be accepted for inaccuracies.

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