

□ SQUARE – IMPERIAL

080A15 (EN3B)

SIZE - INCHES	kg/m
1/8	0.10
3/16	0.18
1/4	0.32
5/16	0.49
3/8	0.71
7/16	0.97
1/2	1.27
5/8	1.98
3/4	2.85
7/8	3.88

SIZE - INCHES	kg/m
1	5.07
1 1/8	6.00
1 1/4	7.91
1 1/2	11.40
1 3/4	15.50
2	20.30
2 1/4	25.70
1 1/2	31.70
3	45.60
4	80.90

□ SQUARE – METRIC

080A15 (EN3B)

SIZE - INCHES	kg/m
10	0.75
12	1.13
16	2.00
20	3.14
25	4.90
30	7.06
40	12.55
50	19.60
60	28.23

⬡ HEXAGON

EN1A/230M07 EN1ALFX 230M07 pb

SIZE - INCHES	kg/m
0.375	0.60
0.437	0.84
0.500	1.09
0.525	1.21
0.625	1.71
0.750	2.46

SIZE - INCHES	kg/m
0.875	3.30
0.920	3.70
1.000	4.39
1.250	6.85
1.500	9.86
1.69	

BLACK ROUNDS

MILD STEEL	- 6mm	to	500mm dia
EN 8	- 20mm	to	500mm dia
EN 16T	- 25mm	to	350mm dia
EN 19T	- 25mm	to	350mm dia
EN 24T	- 25mm	to	350mm dia
EN 36	- 25mm	to	350mm dia
EN 40B	- 40mm	to	400mm dia

BLACK FLATS

MILD STEEL	13mm	x	3mm
		to	
	400mm	x	25mm

BLACK ANGLES

13mm x 13 x 3mm
to
200mm x 200mm x 20mm

BLACK SQUARES

MILD STEEL	-10mm to 100mm
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TOOL STEELS

PHOSPHOR BRONZE

WELDED MESH

PERFORATED SHEET

PLASTICS

ACETAL	POLYETHYLENE
NYLON 6	PTFE
NYLON 66	TUFNOL

BRASS

Rounds, Flats & Hexagons

STAINLESS

303, 304, 316	
416, 431	-Rounds, Squares, Hexagons & Flats

ALUMINIUM

HE9	
HE30	- Rounds, Flats
FMA	Squares & Plate

APOLLO

METALS (2004) LTD

Bright & Engineering Bar Stockholders

Apollo for all your
bright & mild steel requirements

BRIGHT STEEL

TO BS 970: Part 1: 1991
Dimensions to BS 970: Part 3 1991
Lengths 3 - 3.65 Metres

BRIGHT STEEL

TO BS 970: Part 1: 1991
Dimensions to BS 970: Part 3 1991
Lengths 3 - 3.65 Metres

ROUNDS – METRIC

SIZE	kg/m	EN3B 070M20/ 080A15	EN1A 230M07	EN1A LFC 230M07 pb	EN8 080A42
5	0.15	●		●	
6	0.22	●	●	●	●
8	0.39	●	●	●	●
9	0.52	●		●	
10	0.62	●	●	●	●
12	0.89	●	●	●	●
13	1.04			●	
14	1.21	●		●	
15	1.38	●	●	●	●
16	1.57	●	●	●	●
17	1.79			●	
18	2.00			●	
20	2.46	●	●	●	●
22	2.98	●	●	●	●
25	3.85	●	●	●	●
28	4.86	●	●	●	●
30	5.54	●	●	●	●
34	7.13	●		●	
35	7.54	●	●	●	●

SIZE	kg/m	EN3B 070M20/ 080A15	EN1A 230M07	EN1A LFC 230M07 pb	EN8 080A42
36	7.98		●	●	
40	9.84		●	●	●
45	12.50	●	●	●	●
50	15.40	●	●	●	●
55	18.65	●	●	●	●
60	22.30	●	●	●	●
65	26.00	●	●	●	●
70	30.10	●	●	●	●
75	34.60	●	●	●	●
80	39.40	●	●	●	●
90	49.80	●	●	●	●
95	55.60	●		●	
100	61.50	●		●	
110	74.60	●	●		
120	88.80	●			●
130	104.11	●			
140	121.23	●			
150	139.16	●			
170	178.03	●	●		

ROUNDS – IMPERIAL

SIZE	kg/m	EN3B 070M20/ 080A15	EN1A 230M07	EN1A LFC 230M07 pb	EN8 080A42
1/8	0.06	●		●	
3/16	0.14	●		●	
1/4	0.25	●	●	●	●
5/16	0.39	●	●	●	●
3/8	0.56	●	●	●	●
7/16	0.76	●	●	●	●
1/2	1.00	●	●	●	●
9/16	1.26	●	●	●	●
5/8	1.55	●	●	●	●
11/16	0.88		●	●	
3/4	2.24	●	●	●	●
13/16	2.63		●	●	
7/8	3.05	●	●	●	●
1 1/16	3.52		●	●	
1	3.98	●	●	●	●
1 1/16	4.51	●	●	●	●
1 1/8	5.08	●	●	●	●
1 3/16	5.63	●	●	●	●
1 1/4	6.22	●	●	●	●
1 5/16	6.87	●	●	●	●
1 3/8	7.52	●	●	●	●
1 1/2	8.95	●	●	●	●
1 5/8	10.50	●	●	●	●
1 11/16	11.31		●	●	
1 3/4	12.20	●	●	●	●
1 7/8	14.00	●	●	●	●

SIZE	kg/m	EN3B 070M20/ 080A15	EN1A 230M07	EN1A LFC 230M07 pb	EN8 080A42
2	15.90	●	●	●	●
2 1/8	18.00	●	●	●	●
2 1/4	20.10	●	●	●	●
2 3/8	22.50	●	●	●	●
2 1/2	24.90	●	●	●	●
2 5/8	27.40	●	●	●	●
2 3/4	30.10	●	●	●	●
3	35.80	●	●	●	●
3 1/4	41.90	●	●	●	●
3 1/2	48.50	●	●	●	●
3 3/4	55.80	●	●	●	●
4	63.50	●	●	●	●
4 1/4	71.70		●	●	
4 1/2	80.40	●	●	●	●
4 3/4	89.60	●	●	●	●
5	99.20	●	●	●	●
5 1/4	109.40	●	●	●	●
5 1/2	120.00	●	●	●	●
6	143.00	●	●	●	●
6 1/4	155.00	●	●	●	●
6 1/2	168.00	●	●	●	●
7	194.00	●	●	●	●
8	254.00	●	●	●	●
9	322.00	●	●	●	●
10	397.00	●	●	●	●

SIZE	BD EN16T (605M36T)	BDEN 19T (708M40T)	BD EN24T (817M40T)
1/2	●	●	●
5/8	●	●	●
3/4	●	●	●
7/8	●	●	●
1	●	●	●
1 1/4	●	●	●

SIZE	BD EN16T (605M36T)	BDEN 19T (708M40T)	BD EN24T (817M40T)
1 3/8	●	●	●
1 1/2	●	●	●
1 3/4	●	●	●
2	●	●	●
2 1/4	●	●	●
2 1/2	●	●	●

SIZE	BE EN16T (605M36T)	BDEN 19T (708M40T)	BD EN24T (817M40T)
12	●	●	●
16	●	●	●
20	●	●	●
25	●	●	●
30	●	●	●

SIZE	BD EN16T (605M36T)	BDEN 19T (708M40T)	BD EN24T (817M40T)
35	●	●	●
40	●	●	●
45	●	●	●
50	●	●	●
60	●	●	●

FLAT – IMPERIAL 080A15 (EN3B)

SIZE - INCHES	kg/m
5/16 x 1/4	0.40
3/8 x 1/8	0.24
3/8 x 3/16	0.36
3/8 x 1/4	0.47
3/8 x 5/16	0.60
1/2 x 1/8	0.32
1/2 x 3/16	0.47
1/2 x 1/4	0.63
1/2 x 5/16	0.79
1/2 x 3/8	0.95
5/8 x 1/8	0.39
5/8 x 3/16	0.59
5/8 x 1/4	0.79
5/8 x 5/16	0.99
5/8 x 3/8	1.18
5/8 x 1/2	0.58
3/4 x 1/8	0.48
3/4 x 3/16	0.71
3/4 x 1/4	0.95
3/4 x 5/16	1.18
3/4 x 3/8	1.42
3/4 x 1/2	1.90
3/4 x 5/8	2.37
7/8 x 1/8	0.55
7/8 x 3/16	0.83
7/8 x 1/4	1.11
7/8 x 5/16	1.38
7/8 x 3/8	1.66
7/8 x 1/2	2.22
1 x 1/8	0.63
1 x 3/16	0.95
1 x 1/4	1.27
1 x 5/16	1.58
1 x 3/8	1.90
1 x 1/2	2.53

SIZE - INCHES	kg/m
1 x 5/8	3.16
1 x 3/4	3.80
1 1/4 x 1/8	0.79
1 1/4 x 3/16	1.18
1 1/4 x 1/4	1.58
1 1/4 x 5/16	1.97
1 1/4 x 3/8	2.37
1 1/4 x 1/2	3.16
1 1/4 x 5/8	3.95
1 1/4 x 3/4	4.74
1 1/4 x 7/8	5.53
1 1/4 x 1	6.33
1 1/2 x 1/8	0.95
1 1/2 x 3/16	1.42
1 1/2 x 1/4	1.90
1 1/2 x 5/16	2.37
1 1/2 x 3/8	2.84
1 1/2 x 1/2	3.80
1 1/2 x 5/8	4.74
1 1/2 x 3/4	5.69
1 1/2 x 1	7.60
1 1/2 x 1 1/4	9.50
1 3/4 x 1/8	1.11
1 3/4 x 3/16	1.66
1 3/4 x 1/4	2.21
1 3/4 x 1	8.85
1 3/4 x 1 1/2	13.28
2 x 1/8	1.27
2 x 3/16	1.90
2 x 1/4	2.53
2 x 5/16	3.18
2 x 3/8	3.80
2 x 1/2	5.60
2 x 5/8	6.33
2 x 3/4	7.60

SIZE - INCHES	kg/m
2 x 1	10.12
2 x 1 1/4	12.65
2 x 1 1/2	15.18
2 x 1 3/4	17.71
2 1/4 x 1/2	5.69
2 1/4 x 1	11.38
2 1/2 x 1/8	1.58
2 1/2 x 3/16	2.37
2 1/2 x 1/4	3.18
2 1/2 x 5/16	3.95
2 1/2 x 3/8	4.74
2 1/2 x 1/2	6.33
2 1/2 x 5/8	7.91
2 1/2 x 3/4	9.50
2 1/2 x 1	12.65
2 1/2 x 1 1/4	15.81
2 1/2 x 1 1/2	18.97
2 1/2 x 2	25.30
3 x 1/8	1.09
3 x 3/16	2.84
3 x 1/4	3.79
3 x 5/16	4.74
3 x 3/8	5.69
3 x 1/2	7.60
3 x 5/8	9.50
3 x 3/4	11.39
3 x 1	15.18
3 x 1 1/4	18.97
3 x 1 1/2	22.77
3 x 2	30.36
3 1/2 x 3/8	6.68
3 1/2 x 1/2	8.88
3 1/2 x 5/8	11.10
3 1/2 x 3/4	13.20
4 x 3/16	3.30

SIZE - INCHES	kg/m
4 x 1/4	5.60
4 x 5/16	6.33
4 x 3/8	7.60
4 x 1/2	10.12
4 x 5/8	12.65
4 x 3/4	15.18
4 x 1	20.24
4 x 1 1/4	30.36
4 x 2	40.48
4 x 3	58.90
5 x 1/4	6.33
5 x 3/4	9.49
5 x 1/2	13.65
5 x 5/8	15.81
5 x 3/4	18.97
5 x 1	25.30
5 x 2	30.60
5 x 2 1/2	63.20
6 x 1/4	7.59
6 x 5/16	9.50
6 x 3/8	11.38
6 x 1/2	15.18
6 x 5/8	18.97
6 x 3/4	22.77
6 x 1	30.36
6 x 2	60.72
8 x 1/2	45.54
8 x 1/4	10.12
8 x 3/8	15.18
8 x 1/2	20.24
8 x 1	40.48
10 x 1/2	25.30
10 x 1	50.60

FLAT – METRIC 080A15 (EN3B)

SIZE - mm	kg/m
12 x 3	0.20
12 x 10	0.94
12 x 16	0.39
16 x 6	0.75
16 x 10	1.25
16 x 12	1.50
20 x 5	0.78
20 x 6	0.94
20 x 8	1.25
20 x 10	1.57
20 x 12	1.88
20 x 16	2.51
25 x 3	0.59
25 x 4	0.78
25 x 5	0.98
25 x 6	1.18
25 x 8	1.57
25 x 10	1.96
25 x 12	2.35
25 x 16	3.14
25 x 20	3.92
30 x 3	0.70
30 x 5	1.18
30 x 6	1.41

SIZE - mm	kg/m
30 x 8	1.88
30 x 10	2.35
30 x 12	2.82
30 x 20	4.70
30 x 25	7.05
35 x 30	8.23
40 x 3	0.94
40 x 5	1.57
40 x 6	1.88
40 x 8	2.51
40 x 10	3.14
40 x 12	3.76
40 x 16	5.02
40 x 20	6.27
40 x 25	7.84
40 x 30	9.41
40 x 35	10.98
50 x 3	1.18
50 x 5	1.96
50 x 6	2.35
50 x 8	3.14
50 x 10	3.92
50 x 12	4.70
50 x 16	6.27

SIZE - mm	kg/m
50 x 20	7.64
50 x 25	9.80
50 x 30	11.77
50 x 40	15.70
60 x 6	2.82
60 x 10	4.70
60 x 12	5.65
60 x 16	7.53
60 x 20	9.41
60 x 30	14.13
65 x 6	3.06
65 x 10	5.10
65 x 12	6.12
65 x 20	10.20
65 x 40	20.39
70 x 16	8.79
70 x 20	10.98
75 x 10	5.88
70 x 25	13.74
80 x 6	3.76
80 x 10	6.27
80 x 12	7.53
80 x	