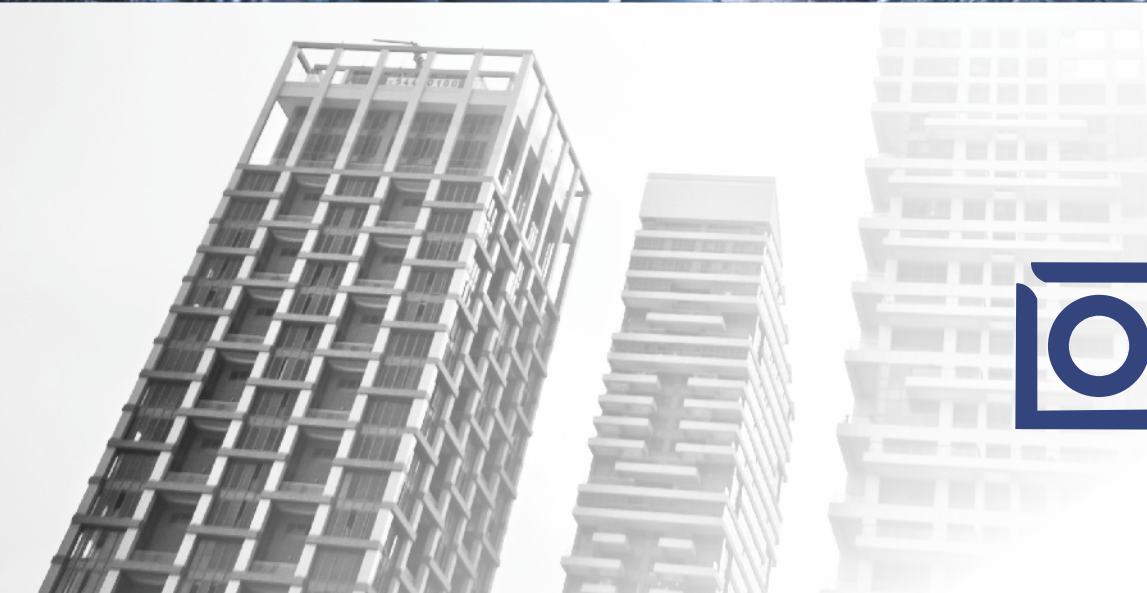




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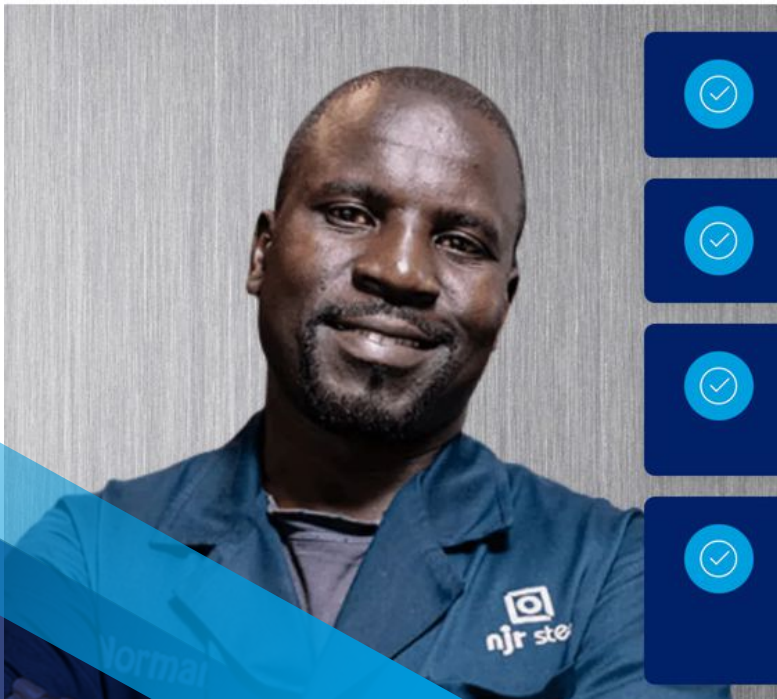


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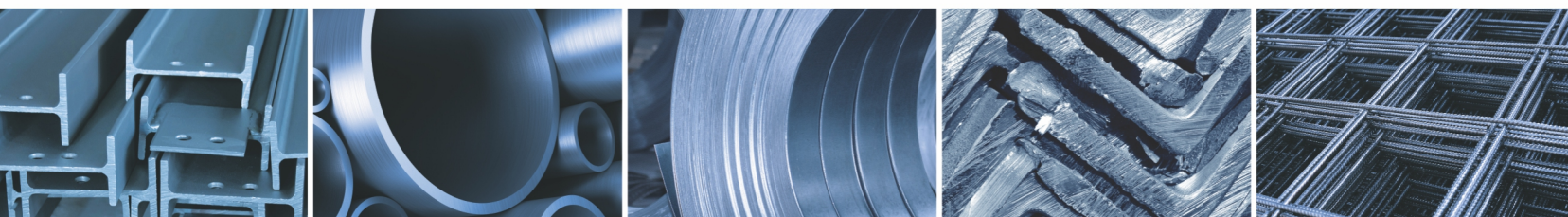
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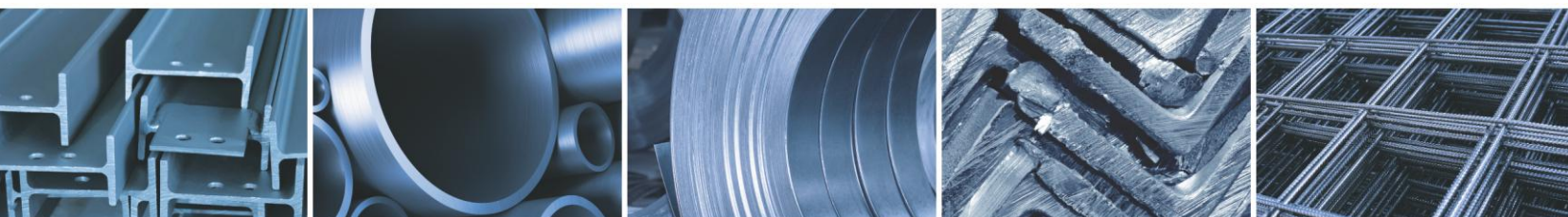
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FLAT BAR

Mild Steel Flat Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
12 x 3	0,28		X			
16 x 3	0,38		X			
20 x 3	0,48		X			
20 x 5	0,79		X			
20 x 6	0,94		X			
20 x 8	1,26		X			
20 x 10	1,57		X			
25 x 3	0,60		X			
25 x 5	0,98		X			
25 x 6	1,18	*	X			
25 x 8	1,57		X			
25 x 10	1,96		X			
25 x 12	2,36		X			
30 x 3	0,72		X			
30 x 5	1,18		X			
30 x 6	1,41	*	X			
30 x 8	1,88		X			
30 x 10	2,36		X			
30 x 12	2,83		X			
35 x 5	1,37		X			
40 x 3	0,96		X			
40 x 4.5	1,41		X			
40 x 5	1,57		X			
40 x 6	1,88		X			
40 x 8	2,51		X			
40 x 10	3,14		X			
40 x 12	3,77		X			
40 x 16	5,02		X			
40 x 20	6,28		X			
40 x 25	7,85		X			
48 x 5	1,87		X			
50 x 3	1,20		X			
50 x 5	1,96		X			
50 x 6	2,36		X			
50 x 8	3,14		X			
50 x 10	3,93		X			
50 x 12	4,71		X			
50 x 16	6,28		X			
50 x 20	7,85		X			
50 x 25	9,81		X			
60 x 3	1,44		X			
60 x 6	2,83		X			
60 x 8	3,77		X			
60 x 10	4,71		X			
60 x 12	5,65		X			
60 x 16	7,54		X			
60 x 20	9,42		X			

Mild Steel Flat Bar Continued

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
65 x 6	3,06		X			
70 x 3	1,68		X			
70 x 10	5,50	*	X			
70 x 12	6,59		X			
70 x 16	8,79		X			
70 x 20	10,99		X			
80 x 3	1,92		X			
80 x 6	3,77		X			
80 x 8	5,02		X			
80 x 10	6,28		X			
80 x 12	7,54		X			
80 x 16	10,05		X			
80 x 20	12,56		X			
80 x 25	15,70		X			
80 x 40	25,12		X			
90 x 3	2,17		X			
90 x 6	4,24		X			
90 x 8	5,65		X			
90 x 10	7,07		X			
90 x 12	8,48		X			
90 x 25	17,66		X			

55C Flat Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
100 x 12	9,42					X
100 x 16	12,56					X
100 x 20	15,70					X
130 x 12	12,25					X
130 x 16	16,33					X
130 x 20	20,41					X

E & OE

NOTES:

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- x Newly introduced plate quality and availability must be checked.
- & 6m Length surcharge applies.

The stocked lengths shown are neither comprehensive, nor guaranteed. Other lengths may be available, or the "standard" lengths may change, depending on demand.

BS EN10025-2-S355 JR Flat Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
100 x	2.41		X			
100 x 6	4.71		X			
100 x 8	6.28		X			
100 x 10	7.85		X			
100 x 12	9.42		X			
100 x 16	12.56		X			
100 x 20	15.70		X			
100 x 25	19.63		X			
100 x 30	23.55		X			
100 x 40	31.40		X			
100 x 50	39.25	*	X			
110 x 6	5.18		X			
110 x 10	8.64		X			
110 x 12	10.36		X			
130 x 8	8.16		X			
130 x 10	10.21		X			
130 x 12	12.25		X			
130 x 16	16.33		X			
130 x 20	20.41		X			
130 x 25	25.51		X			
150 x 8	9.42		X			
150 x 10	11.78		X			
150 x 12	14.13		X			
150 x 16	18.84		X			
150 x 20	23.55		X			
150 x 25	29.44		X			
180 x 10	14.13			X		
180 x 12	16.96	*		X		
180 x 16	22.61	*		X		
180 x 20	28.26	*				X
180 x 25	35.33	*				
200 x 10	15.70			X		
200 x 12	18.84			X		
200 x 16	25.12			X		X
200 x 20	31.40			X		X
200 x 25	39.25			X		
250 x 10	19.60			X		
250 x 12	23.60			X		
250 x 16	31.40			X		X
250 x 20	39.25			X		X
250 x 25	49.06					X
250 x 30	58.88	*				X
300 x 10	23.60			X		
300 x 12	28.30			X		

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ANGLES | WINDOW SECTIONS | CHANNELS

BS EN10025-2-S355 JR Unequal Angles

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
65 x 50 x 6	5.16			X		X
65 x 50 x 8	6.75					X
75 x 50 x 6	5.65		X	X		X
75 x 50 x 8	7.39			X		X
80 x 60 x 6	6.37			X		X
80 x 60 x 8	8.34			X		X
90 x 65 x 6	7.07			X		X
90 x 65 x 8	9.29			X		X
90 x 65 x 10	11.40					X
100 x 65 x 8	9.94			X		X
100 x 65 x 10	12.30					X
100 x 75 x 6	8.04			X	X	X
100 x 75 x 8	10.57			X	X	X
100 x 75 x 10	13.04			X		X
100 x 75 x 12	15.44	*				
125 x 75 x 8	12.16			X	X	X
125 x 75 x 10	15.02			X		X
125 x 75 x 12	17.81					X
150 x 75 x 10	16.98			X		X
150 x 75 x 12	20.17					X
150 x 75 x 15	24.83	*				
150 x 90 x 10	18.18			X	X	X
150 x 90 x 12	21.60					X
150 x 90 x 15	26.62					X

BS EN10025-2-S355 JR Angles

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
50 x 50 x 3	2.37		X			X
50 x 50 x 4	3.06					X
50 x 50 x 5	3.77		X	X	X	X
50 x 50 x 6	4.47		X	X	X	X
50 x 50 x 8	5.82		X			X
60 x 60 x 4	3.70					X
60 x 60 x 5	4.57		X	X	X	X
60 x 60 x 6	5.42		X	X	X	X
60 x 60 x 8	7.09		X	X		X
60 x 60 x 10	8.69		X			
70 x 70 x 6	6.38		X	X	X	X
70 x 70 x 8	8.36		X	X		X
70 x 70 x 10	10.27		X			X
80 x 80 x 6	7.34		X	X	X	X
80 x 80 x 8	9.63		X	X	X	X
80 x 80 x 10	11.86		X	X		X
80 x 80 x 12	14.03					X
90 x 90 x 6	8.30			X	X	X
90 x 90 x 8	10.90		X	X	X	X
90 x 90 x 10	13.45			X		X
90 x 90 x 12	15.93					X
100 x 100 x 8	12.18		X	X	X	X
100 x 100 x 10	15.04		X	X	X	X
100 x 100 x 12	17.83			X		X
120 x 120 x 8	14.71			X	X	X
120 x 120 x 10	18.20			X	X	X
120 x 120 x 12	21.62			X		X
120 x 120 x 15	26.64					X
150 x 150 x 10	22.98			X		X
150 x 150 x 12	27.35			X		X
150 x 150 x 15	33.77		X	X		X
150 x 150 x 18	40.06					X
200 x 200 x 16	48.50			X	X	X
200 x 200 x 18	54.20					X
200 x 200 x 20	59.90					X

Mild Steel Angles

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
25 x 25 x 2.0	0.77	*	X			
25 x 25 x 2.5	0.95	*	X			
25 x 25 x 3.0	1.11		X			
25 x 25 x 5.0	1.77		X			
30 x 30 x 2.0	0.95	*	X			
30 x 30 x 2.5	1.17	*	X			
30 x 30 x 3.0	1.36		X			
30 x 30 x 5.0	2.18		X			
40 x 40 x 2.0	1.29	*	X			
40 x 40 x 2.5	1.58	*	X			
40 x 40 x 3.0	1.87		X	X		X
40 x 40 x 4.0	2.42					X
40 x 40 x 5.0	2.97		X			X
40 x 40 x 6.0	3.52		X			
45 x 45 x 3.0	2.13		X			X
45 x 45 x 4.0	2.74	*				
45 x 45 x 5.0	3.38		X			X

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BS EN10025-2-S355 JR Channels (Light)

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
76 x 38	5.70	*\$	X	X		X
57 x 51	6.84		X			
76 x 38	6.70		X	X		X
100 x 50	10.73		X	X		X
120 x 55	13.55		X	X	X	X
127 x 64	14.93		X	X		X
140 x 60	16.22		X	X	X	X
152 x 76	17.91		X	X	X	X
160 x 65	19.12		X	X	X	X
178 x 54	14.55		X	X	X	X
180 x 70	22.27		X	X		X
200 x 75	25.30			X	X	X

Window Sections

Nominal Size mm	Theoretical Mass kg/m
RT 6	0.89
RT 13	1.26
RF 4B	2.53
RF 5	1.41
RE Z7	2.08
RF7L (Light)	1.21
RF X7L (Light)	1.4

Hot Rolled Lip Channel (CQ)

Dimensions	Mass per metre	Notes	Lengths Available	
			6	9.1
75 x 50 x 20 x 2.0	3.140	\$*	X	
100 x 50 x 20 x 2.0	3.530	\$*	X	
125 x 50 x 20 x 2.0	3.930	\$*	X	
150 x 50 x 20 x 2.0	4.320	\$*	X	
150 x 75 x 20 x 2.0	5.100	\$*	X	
75 x 50 x 20 x 2.5	3.850	\$*		X
100 x 50 x 20 x 2.5	4.350	\$*		X
125 x 50 x 20 x 2.5	4.840	\$*		X
150 x 50 x 20 x 2.5	5.330	\$*		X
150 x 75 x 20 x 2.5	6.310	\$*		X
75 x 50 x 20 x 3.0	4.540	\$*		X
100 x 50 x 20 x 3.0	5.130	\$*		X
125 x 50 x 20 x 3.0	5.720	\$*		X
150 x 50 x 20 x 3.0	6.300	\$*		X
150 x 75 x 20 x 3.0	7.480	\$*		X

Galvanised Lip Channel (ISQ230 Z275)

Dimensions	Mass per metre	Notes	Lengths Available	
			6	9.1
75 x 50 x 20 x 2.0	3.140	\$*	X	
100 x 50 x 20 x 2.0	3.530	\$*	X	
125 x 50 x 20 x 2.0	3.930	\$*	X	
150 x 50 x 20 x 2.0	4.320	\$*	X	
150 x 75 x 20 x 2.0	5.100	\$*	X	
75 x 50 x 20 x 2.5	3.850	\$*		X
100 x 50 x 20 x 2.5	4.350	\$*		X
125 x 50 x 20 x 2.5	4.840	\$*		X
150 x 50 x 20 x 2.5	5.330	\$*		X
150 x 75 x 20 x 2.5	6.310	\$*		X
75 x 50 x 20 x 3.0	4.540	\$*		X
100 x 50 x 20 x 3.0	5.130	\$*		X
125 x 50 x 20 x 3.0	5.720	\$*		X
150 x 50 x 20 x 3.0	6.300	\$*		X
150 x 75 x 20 x 3.0	7.480	\$*		X

S355 Parallel Flange Channels

Dimensions	Mass per meter	Notes	Lengths Available			
			6	9	11	13
100 x 50	10.10		X	X	X	X
180 x 70	21.07			X	X	X
200 x 75	24.29		X	X	X	X
230 x 90	32.20			X	X	X
260 x 90	34.80			X	X	X
300 x 100	45.40			X	X	X
300 x 100	45.40	&	6 m only			

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**COLUMNS | BEAMS | IPE | ROUNDS
SQUARES | RAILS**

BS EN10025-2-S355 JR Columns

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
152 x 152	23.00			X	X	X
152 x 152	23.00	&	for 6 m length only			
152 x 152	30.00			X	X	X
152 x 152	37.00			X	X	X
203 x 203	46.10			X	X	X
203 x 203	46.10		for 6 m length only			
203 x 203	52.00			X	X	X
203 x 203	60.00			X		X
203 x 203	71.00					X
203 x 203	86.10					X
254 x 254	73.10			X	X	X
254 x 254	88.90			X	X	X
254 x 254	107.10					X
254 x 254	132.00					X
254 x 254	167.10	*				X
305 x 305	96.90			X	X	X
305 x 305	117.90			X		X
305 x 305	136.90				X	X
305 x 305	158.10			X	X	X
305 x 305	198.10	*			X	
305 x 305	240.00	*			X	X

BS EN10025-2-S355 JR IPE (AA) Section

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
100 x 55	6.72			X	X	X
120 x 64	8.36			X		X
140 x 73	10.05			X	X	X
160 x 82	12.32			X	X	X
180 x 91	14.94			X	X	X
200 x 100	17.95			X	X	X

BS EN10025-2-S355 JR IPE Section

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
100 x 55	8.10			X		X
120 x 64	10.37			X	X	X
140 x 73	12.89			X		X
160 x 82	15.77			X	X	X
180 x 91	18.80			X	X	X
200 x 100	22.36			X	X	X

BS EN10025-2-S355 JR Beams

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
203 x 133	25.10			X	X	X
203 x 133	25.10	&	for 6 m length only			
203 x 133	30.00			X	X	X
254 x 146	31.10			X	X	X
254 x 146	31.10	&	for 6 m length only			
254 x 146	37.00			X	X	X
254 x 146	43.00			X	X	X
305 x 102	24.80			X	X	X
305 x 102	28.20			X	X	X
305 x 102	32.80			X	X	X
305 x 102	32.80	*	for 6 m length only			
305 x 165	40.30			X	X	X
305 x 165	40.30	*	for 6 m length only			
305 x 165	46.10			X	X	X
305 x 165	54.00			X	X	X
356 x 171	45.00			X	X	X
356 x 171	51.00			X	X	X
356 x 171	57.00			X	X	X
356 x 171	67.10			X		X
406 x 140	39.00			X	X	X
406 x 140	39.00	*	for 6 m length only			
406 x 140	46.00			X	X	X
406 x 140	46.00	*	for 6 m length only			
406 x 178	54.10			X	X	X
406 x 178	54.10	*	for 6 m length only			
406 x 178	60.10			X	X	X
406 x 178	67.10			X	X	X
406 x 178	74.20			X		X
457 x 191	67.10			X	X	X
457 x 191	74.30			X	X	X
457 x 191	82.00			X		X
457 x 191	89.30				X	X
457 x 191	98.30				X	X
533 x 210	82.20			X	X	X
533 x 210	82.20	*	for 6 m length only			
533 x 210	92.10			X	X	X
533 x 210	101.00					X
533 x 210	101.00	*	for 6 m length only			
533 x 210	109.00				X	X
533 x 210	122.00			X		X

E & OE

NOTES:

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& 6m Length surcharge applies.

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Mild Steel Round Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
6.0	0.22		X			
8.0	0.40		X			
10	0.62		X			
12	0.89		X			
14	1.21	*				
16	1.58		X			
20	2.47		X			
22	2.98	*	X			
24	3.55		X			
25	3.85		X			
27	4.50	*	X			
32	6.31		X			
35	7.55		X			
36	7.99	*	X			
38	8.90	*	X			
40	9.87		X			

BS EN10025-2-S355 JR Round Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
30	5.55	*	X			
36	7.99		X			
40	9.87	\$*	X			
45	12.49		X			
50	15.41		X			
55	18.65	*				
60	22.20		X			
65	26.05		X			
70	30.21	*				
75	34.68	*				
80	39.46	*				
90	49.94	*				
95	55.64	*				
100	61.65	*				
103	65.41	*				

Drilled Rails

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
15	14.91		X			
22	22.54			X		
30	30.15			X		
40	40.30	*				
48	47.60	*				
57	57.40	*				

E & OE

NOTES:

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- & 6m Length surcharge applies.

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Reinforcing HT Round Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
6	0.22	*	X			
8	0.40	*	X			
10	0.62		X			
12	0.89		X			X
16	1.58					X
20	2.47					X
25	3.85					X
32	6.31	*				
40	9.86	*				

Mild Steel Square Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
10	0.79		X			
12	1.13		X			
16	2.01		X			
20	3.14		X			
35	9.62	*				
40	12.60		X			
45	15.90	*				
50	19.60		X			

BS EN10025-2-S355 JR Square Bar

Dimensions	Mass per metre	Notes	Lengths Available			
			6	9	11	13
55	23.80	*				
60	28.30		X			
65	33.20	*				
70	38.50		X			
75	44.20		X			
100	78.50					
105	86.60	*				
150	177.00	*				



PLATES | CORTEN | LLOYDS | BENNOX | VASTRAP

Mild Steel Plates

EN 10025-S-355 JR-AR

Dimensions					Mass per metre	Notes
2500	x	1200	x	4.5	105.98	
3000	x	1500	x	4.5	158.96	
4000	x	1850	x	4.5	261.41	X
4000	x	2000	x	4.5	282.60	
2500	x	1200	x	5	117.75	
3000	x	1500	x	5	176.63	
4000	x	1800	x	5	282.60	X
4000	x	2000	x	5	314.00	
8000	x	2000	x	5	628.00	*
10000	x	2400	x	5	942.00	*
2500	x	1200	x	6	141.30	
3000	x	1500	x	6	211.95	
4000	x	1800	x	6	339.12	X
4000	x	2000	x	6	376.80	
8000	x	2000	x	6	753.60	*
10000	x	2400	x	6	1130.40	*
2500	x	1200	x	8	188.40	
3000	x	1500	x	8	282.60	*
4000	x	1800	x	8	452.16	X
4000	x	2000	x	8	502.40	
8000	x	2000	x	8	1004.80	*
10000	x	2400	x	8	1507.20	*
2500	x	1200	x	10	235.50	
3000	x	1500	x	10	353.25	*
4000	x	1800	x	10	565.20	X
4000	x	2000	x	10	628.00	
8000	x	2000	x	10	1256.00	*
10000	x	2400	x	10	1884.00	*
2500	x	1200	x	12	282.60	
3000	x	1500	x	12	423.90	*
4000	x	1800	x	12	678.24	X
4000	x	2000	x	12	753.60	
8000	x	2000	x	12	1507.20	*
10000	x	2400	x	12	2260.80	*
2500	x	1200	x	16	376.80	
3000	x	1500	x	16	565.20	
4000	x	2000	x	16	1004.80	
10000	x	2400	x	16	3014.40	*
2500	x	1200	x	20	471.00	
3000	x	1500	x	20	706.50	*
4000	x	2000	x	20	1256.00	*
10000	x	2400	x	20	3768.00	*
2500	x	1200	x	25	588.75	
3000	x	1500	x	25	883.13	*

Dimensions					Mass per metre	Notes
4000	x	2000	x	25	1570.00	*
8000	x	2000	x	25	3140.00	*
10000	x	2400	x	25	4710.00	*
2500	x	1200	x	4.5	105.98	X
3000	x	1500	x	5	158.96	*\$
4000	x	1800	x	5	254.34	X
4000	x	2000	x	5	282.60	*\$
2500	x	1200	x	5	117.75	
3000	x	1500	x	5	176.63	*\$
4000	x	1825	x	5	286.53	X
4000	x	2000	x	5	314.00	*\$
8000	x	2000	x	5	628.00	*\$
6000	x	2400	x	5	565.20	*\$
10000	x	2400	x	5	942.00	
2500	x	1200	x	6	141.30	
3000	x	1500	x	6	211.95	
4000	x	1800	x	6	339.12	X
5700	x	1800	x	6	483.25	*\$
7300	x	1800	x	6	618.89	*\$
9035	x	1800	x	6	765.99	*\$
4000	x	2000	x	6	376.80	*\$
6000	x	2000	x	6	565.20	*\$
8000	x	2000	x	6	753.60	*\$
2400	x	2400	x	6	271.30	*\$
6000	x	2400	x	6	678.24	*\$
10000	x	2400	x	6	1130.40	
13000	x	2400	x	6	1469.52	*\$
12000	x	3000	x	6	1695.60	*
2500	x	1200	x	8	188.40	
3000	x	1500	x	8	282.60	
4000	x	1800	x	8	452.16	X
4000	x	2000	x	8	502.40	*\$
4500	x	2000	x	8	565.20	*\$
8000	x	2000	x	8	1004.80	*\$
4500	x	2400	x	8	678.24	*\$
6000	x	2400	x	8	904.32	*\$
10000	x	2400	x	8	1507.20	

E & OE

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EN 10025-S-355 JR-AR Continued

Dimensions				Mass per metre	Notes	
13000	x	2400	x	8	1959.36	*\$
12000	x	3000	x	8	2260.80	*\$
2500	x	1200	x	10	235.50	
3000	x	1500	x	10	353.25	
4000	x	1800	x	10	565.20	X
4000	x	2000	x	10	628.00	*\$
6000	x	2000	x	10	942.00	*\$
8000	x	2000	x	10	1256.00	*\$
6000	x	2400	x	10	1130.40	*\$
10000	x	2400	x	10	1884.00	
13000	x	2400	x	10	2449.20	*\$
12000	x	3000	x	10	2826.00	*\$
2500	x	1200	x	12	282.60	
3000	x	1500	x	12	423.90	*\$
4000	x	1800	x	12	678.24	X
4000	x	2000	x	12	753.60	*\$
6000	x	2000	x	12	1130.40	*\$
8000	x	2000	x	12	1507.20	*\$
10000	x	2400	x	12	2260.80	
13000	x	2400	x	12	2939.04	*\$
12000	x	3000	x	12	3391.20	*\$
2500	x	1200	x	16	376.80	*
3000	x	1500	x	16	565.20	*\$
4000	x	2000	x	16	1004.80	*\$
6000	x	2000	x	16	1507.20	*\$
8000	x	2000	x	16	2009.60	*\$
10000	x	2400	x	16	3014.40	
13000	x	2400	x	16	3918.72	X
3000	x	1500	x	20	706.50	*\$
4000	x	2000	x	20	1256.00	*\$
8000	x	2000	x	20	2512.00	*\$
10000	x	2400	x	20	3768.00	
13000	x	2400	x	20	4898.40	X
12000	x	3000	x	20	5652.00	X
2500	x	1200	x	25	588.75	*
3000	x	1500	x	25	883.13	*\$
4000	x	2000	x	25	1570.00	*\$
8000	x	2000	x	25	3140.00	*\$
4000	x	2000	x	25	1570.00	
8000	x	2000	x	25	3140.00	

EN 10025-S-355 JR-AR Continued

Dimensions				Mass per metre	Notes	
10000	x	2400	x	25	4710.00	
13000	x	2400	x	25	6123.00	X
12000	x	3000	x	25	7065.00	X
2500	x	1200	x	30	706.50	*\$
3000	x	1500	x	30	1059.75	*\$
4000	x	2000	x	30	1884.00	*\$
6000	x	2400	x	30	3391.20	*\$
10000	x	2400	x	30	5652.00	
13000	x	2400	x	30	7347.60	X
2500	x	1200	x	32	753.60	*\$
3000	x	1500	x	32	1130.40	*\$
4000	x	2000	x	32	2009.60	*\$
10000	x	2400	x	32	6028.80	*\$
13000	x	2400	x	32	7837.44	*\$
2500	x	1200	x	35	824.25	*\$
3000	x	1500	x	35	1236.38	*\$
4000	x	2000	x	35	2198.00	*\$
6000	x	2400	x	35	3956.40	*\$
10000	x	2400	x	35	6594.00	
13000	x	2400	x	35	8572.20	X
2500	x	1200	x	38	894.90	*\$
3000	x	1500	x	38	1342.35	*\$
4000	x	2000	x	38	2386.40	*\$
6000	x	2400	x	38	4295.52	*\$
10000	x	2400	x	38	7159.20	*\$
2500	x	1200	x	40	942.00	*\$
3000	x	1500	x	40	1413.00	*\$
4000	x	2000	x	40	2512.00	*\$
6000	x	2400	x	40	4521.60	*\$
10000	x	2400	x	40	7536.00	
13000	x	2400	x	40	9796.80	X
2500	x	1200	x	45	1059.75	*\$
3000	x	1500	x	45	1589.63	*\$
4000	x	2000	x	45	2826.00	*\$
6000	x	2400	x	45	5086.80	*\$
10000	x	2400	x	45	8478.00	*\$
2500	x	1200	x	50	1177.50	*\$
3000	x	1500	x	50	1766.25	*\$
4000	x	2000	x	50	3140.00	*\$
6000	x	2400	x	50	5652.00	
10000	x	2400	x	50	9420.00	X

E & OE

NOTES:

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EN 10025-S-355 JR-AR Continued

Dimensions					Mass per metre	Notes
2500	x	1200	x	60	1413.00	*\$
3000	x	1500	x	60	2119.50	*\$
4000	x	2000	x	60	3768.00	*\$
2500	x	1200	x	65	1530.75	*\$
4000	x	2000	x	65	4082.00	*\$
2500	x	1200	x	70	1648.50	*\$
4000	x	2000	x	70	4396.00	*\$
2500	x	1200	x	75	1766.25	*\$
2500	x	1200	x	80	1884.00	*\$
4000	x	2000	x	80	5024.00	*\$

151/161 - 430A Boiler Plates

Dimensions					Mass per metre	Notes
10000	x	2400	x	5	942.00	
13000	x	2400	x	5	1224.60	*
10000	x	2400	x	6	1130.40	
13000	x	2400	x	6	1469.52	*
12000	x	3000	x	6	1695.60	
10000	x	2400	x	8	1507.20	
13000	x	2400	x	8	1959.36	*
12000	x	3000	x	8	2260.80	
10000	x	2400	x	10	1884.00	
13000	x	2400	x	10	2449.20	*
12000	x	3000	x	10	2826.00	
10000	x	2400	x	12	2260.80	
13000	x	2400	x	12	2939.04	*
12000	x	3000	x	12	3391.20	
10000	x	2400	x	16	3014.40	
13000	x	2400	x	16	3918.72	*
12000	x	3000	x	16	4521.60	
10000	x	2400	x	20	3768.00	
13000	x	2400	x	20	4898.40	*
12000	x	3000	x	20	5652.00	
10000	x	2400	x	22	4144.80	*
10000	x	2400	x	25	4710.00	
10000	x	2400	x	30	5652.00	
4000	x	2000	x	50	3140.00	*
6000	x	2400	x	50	5652.00	*
4000	x	2000	x	60	3768.00	*
6000	x	2400	x	60	6782.40	*
4000	x	2000	x	65	4082.00	*
4000	x	2400	x	65	4898.40	*
4000	x	2000	x	70	4396.00	*
4000	x	2400	x	70	5275.20	*
4000	x	2000	x	75	4710.00	*
4000	x	2400	x	75	5652.00	*
4000	x	2000	x	80	5024.00	*

SS10/200 (Bennox) Hard Wearing Plates

Dimensions					Mass per metre	Notes
2500	x	1200	x	3	72.35	
2500	x	1200	x	5	117.75	*
4000	x	2000	x	5	314.00	*
2500	x	1200	x	6	141.30	
4000	x	2000	x	6	376.80	*
2500	x	1200	x	8	188.40	*
4000	x	2000	x	8	502.40	*
2500	x	1200	x	10	235.50	
4000	x	2000	x	10	628.00	
2500	x	1200	x	12	282.60	
4000	x	2000	x	12	753.60	
2500	x	1200	x	16	376.80	
4000	x	2000	x	16	1004.80	
2500	x	1200	x	20	471.00	
4000	x	2000	x	20	1256.00	
2500	x	1200	x	25	588.75	
4000	x	2000	x	25	1570.00	
2500	x	1200	x	32	753.60	*
4000	x	2000	x	32	2009.60	*
2500	x	1200	x	35	824.25	*
2500	x	1200	x	40	942.00	*
4000	x	2000	x	40	2512.00	
2500	x	1200	x	45	1059.75	*
2500	x	1200	x	50	1177.50	*
4000	x	2000	x	50	3140.00	*

Mild Steel Vastrap Plates

Dimensions					Mass per metre	Notes
2500	x	1200	x	3.0-4.6	78.00	
2500	x	1200	x	4.5-6.1	113.34	
4000	x	1200	x	4.5-6.1	181.34	
8000	x	1200	x	4.5-6.1	362.69	
2500	x	1200	x	6.0-7.6	148.65	
4000	x	1200	x	6.0-7.6	237.84	
8000	x	1200	x	6.0-7.6	475.68	
2500	x	1200	x	8.0-9.6	195.75	
4000	x	1200	x	8.0-9.6	313.20	
8000	x	1200	x	8.0-9.6	626.40	

E & OE
NOTES:

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Corrosion Resistant Plate (WR50B1 / Corten)

EN 10025-S-355 JR-AR

Dimensions				Mass per metre	Notes	
2500	x	1225	x	1.6	39.39	*
2500	x	1225	x	2	49.24	*
2500	x	1200	x	3	72.35	
2500	x	1200	x	4	96.47	*
2500	x	1200	x	5	117.75	
4000	x	1800	x	5	282.60	*
4000	x	2000	x	5	314.00	
10000	x	2400	x	5	942.00	*
2500	x	1200	x	6	141.30	
4000	x	1800	x	6	339.12	*
4000	x	2000	x	6	376.80	
10000	x	2400	x	6	1130.40	*
2500	x	1200	x	8	188.40	*
4000	x	2000	x	8	502.40	
2500	x	1200	x	10	235.50	
4000	x	2000	x	10	628.00	
2500	x	1200	x	12	282.60	*
4000	x	2000	x	12	753.60	*
2500	x	1200	x	16	376.80	*
4000	x	2000	x	16	1004.80	*
2500	x	1200	x	20	471.00	*
4000	x	2000	x	20	1256.00	*

Dimensions				Mass per metre	Notes	
2500	x	1200	x	4.5	105.98	X
3000	x	1500	x	4.5	158.96	*\$
4000	x	1800	x	4.5	254.34	X
4000	x	2000	x	4.5	282.60	*\$
2500	x	1200	x	5	117.75	
3000	x	1500	x	5	176.63	*\$
4000	x	1825	x	5	286.53	X
4000	x	2000	x	5	314.00	*\$
8000	x	2000	x	5	628.00	*\$
6000	x	2400	x	5	565.20	*\$
10000	x	2400	x	5	942.00	
2500	x	1200	x	6	141.30	
3000	x	1500	x	6	211.95	
4000	x	1800	x	6	339.12	X
5700	x	1800	x	6	483.25	*\$
7300	x	1800	x	6	618.89	*\$
9035	x	1800	x	6	765.99	*\$
4000	x	2000	x	6	376.80	*\$
6000	x	2000	x	6	565.20	*\$
8000	x	2000	x	6	753.60	*\$
2400	x	2400	x	6	271.30	*\$
6000	x	2400	x	6	678.24	*\$
10000	x	2400	x	6	1130.40	
13000	x	2400	x	6	1469.52	*\$
12000	x	3000	x	6	1695.60	*
2500	x	1200	x	8	188.40	
3000	x	1500	x	8	282.60	
4000	x	1800	x	8	452.16	X
4000	x	2000	x	8	502.40	*\$
4500	x	2000	x	8	565.20	*\$
8000	x	2000	x	8	1004.80	*\$
4500	x	2400	x	8	678.24	*\$
6000	x	2400	x	8	904.32	*\$
10000	x	2400	x	8	1507.20	
13000	x	2400	x	8	1959.36	*\$
12000	x	3000	x	8	2260.80	*\$
2500	x	1200	x	10	235.50	
3000	x	1500	x	10	353.25	
4000	x	1800	x	10	565.20	X
4000	x	2000	x	10	628.00	*\$
6000	x	2000	x	10	942.00	*\$
8000	x	2000	x	10	1256.00	*\$
6000	x	2400	x	10	1130.40	*\$
10000	x	2400	x	10	1884.00	
13000	x	2400	x	10	2449.20	*\$
12000	x	3000	x	10	2826.00	*\$

E & OE

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EN 10025-S-355 JR-AR Continued

Dimensions				Mass per metre	Notes	
2500	x	1200	x	12	282.60	
3000	x	1500	x	12	423.90	*\$
4000	x	1800	x	12	678.24	X
4000	x	2000	x	12	753.60	*\$
6000	x	2000	x	12	1130.40	*\$
8000	x	2000	x	12	1507.20	*\$
10000	x	2400	x	12	2260.80	
13000	x	2400	x	12	2939.04	*\$
12000	x	3000	x	12	3391.20	*\$
2500	x	1200	x	16	376.80	*
3000	x	1500	x	16	565.20	*\$
4000	x	2000	x	16	1004.80	*\$
6000	x	2000	x	16	1507.20	*\$
8000	x	2000	x	16	2009.60	*\$
10000	x	2400	x	16	3014.40	
13000	x	2400	x	16	3918.72	X
12000	x	3000	x	16	4521.60	X
2500	x	1200	x	20	471.00	*
3000	x	1500	x	20	706.50	*\$
4000	x	2000	x	20	1256.00	*\$
8000	x	2000	x	20	2512.00	*\$
10000	x	2400	x	20	3768.00	
13000	x	2400	x	20	4898.40	X
12000	x	3000	x	20	5652.00	X
2500	x	1200	x	25	588.75	*
3000	x	1500	x	25	883.13	*\$
4000	x	2000	x	25	1570.00	*\$
8000	x	2000	x	25	3140.00	*\$
10000	x	2400	x	25	4710.00	
13000	x	2400	x	25	6123.00	X
12000	x	3000	x	25	7065.00	X
2500	x	1200	x	30	706.50	*\$
3000	x	1500	x	30	1059.75	*\$
4000	x	2000	x	30	1884.00	*\$
6000	x	2400	x	30	3391.20	*\$
10000	x	2400	x	30	5652.00	
13000	x	2400	x	30	7347.60	X
2500	x	1200	x	32	753.60	*\$
3000	x	1500	x	32	1130.40	*\$
4000	x	2000	x	32	2009.60	*\$
10000	x	2400	x	32	6028.80	*\$

EN 10025-S-355 JR-AR Continued

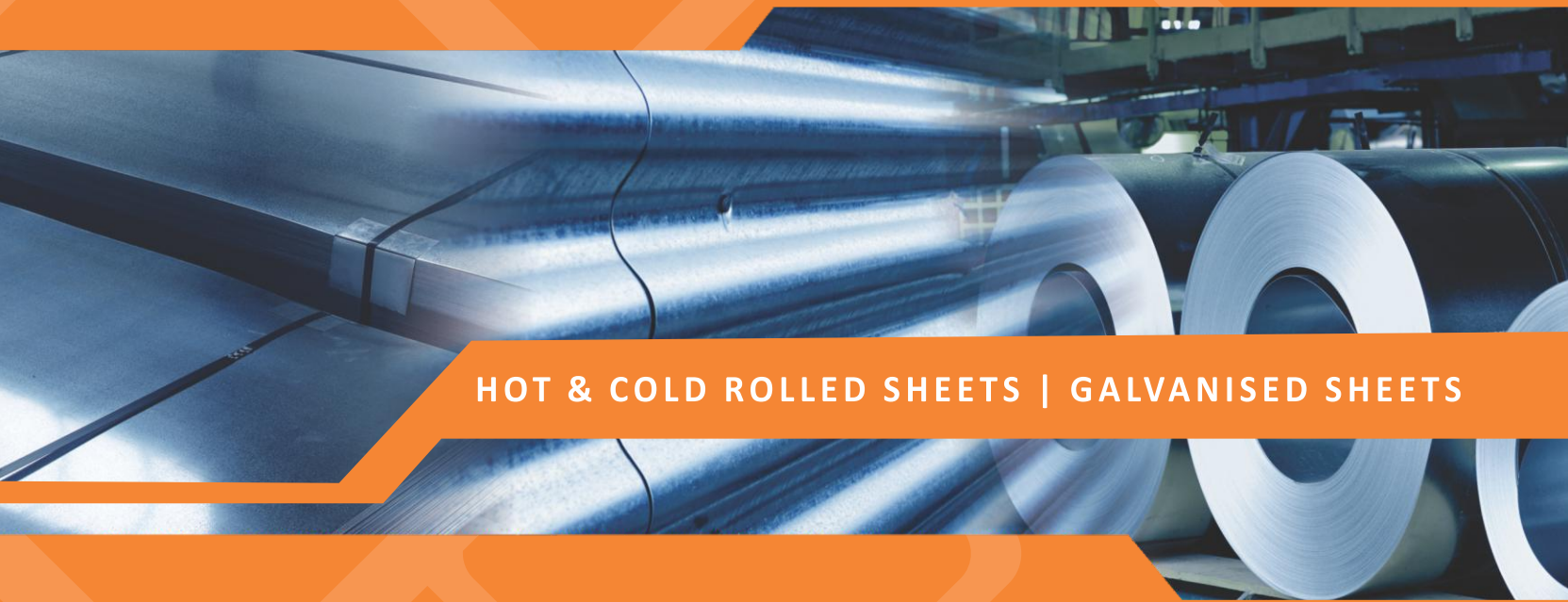
Dimensions				Mass per metre	Notes	
13000	x	2400	x	32	7837.44	*\$
2500	x	1200	x	35	824.25	*\$
3000	x	1500	x	35	1236.38	*\$
4000	x	2000	x	35	2198.00	*\$
6000	x	2400	x	35	3956.40	*\$
10000	x	2400	x	35	6594.00	
13000	x	2400	x	35	8572.20	X
2500	x	1200	x	38	894.90	*\$
3000	x	1500	x	38	1342.35	*\$
4000	x	2000	x	38	2386.40	*\$
6000	x	2400	x	38	4295.52	*\$
10000	x	2400	x	38	7159.20	*\$
2500	x	1200	x	40	942.00	*\$
3000	x	1500	x	40	1413.00	*\$
4000	x	2000	x	40	2512.00	*\$
6000	x	2400	x	40	4521.60	*\$
10000	x	2400	x	40	7536.00	
13000	x	2400	x	40	9796.80	X
2500	x	1200	x	45	1059.75	*\$
3000	x	1500	x	45	1589.63	*\$
4000	x	2000	x	45	2826.00	*\$
6000	x	2400	x	45	5086.80	*\$
10000	x	2400	x	45	8478.00	*\$
2500	x	1200	x	50	1177.50	*\$
3000	x	1500	x	50	1766.25	*\$
4000	x	2000	x	50	3140.00	*\$
6000	x	2400	x	50	5652.00	
10000	x	2400	x	50	9420.00	X
2500	x	1200	x	60	1413.00	*\$
3000	x	1500	x	60	2119.50	*\$
4000	x	2000	x	60	3768.00	*\$
2500	x	1200	x	65	1530.75	*\$
4000	x	2000	x	65	4082.00	*\$
2500	x	1200	x	70	1648.50	*\$
4000	x	2000	x	70	4396.00	*\$
2500	x	1200	x	75	1766.25	*\$
2500	x	1200	x	80	1884.00	*\$
4000	x	2000	x	80	5024.00	*\$

E & OE
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HOT & COLD ROLLED SHEETS | GALVANISED SHEETS

Mild HR Sheets

Dimensions					Mass per metre	Notes
1850	x	925	x	1.6	22.01	
2450	x	925	x	1.6	29.15	*
3050	x	925	x	1.6	36.29	*
1850	x	1225	x	1.6	29.15	*
2450	x	1225	x	1.6	38.6	
3050	x	1225	x	1.6	48.06	
3650	x	1225	x	1.6	57.51	
1850	x	925	x	2.0	27.51	
2450	x	925	x	2.0	36.44	*
3050	x	925	x	2.0	45.36	*
1850	x	1225	x	2.0	36.44	*
2450	x	1225	x	2.0	48.25	
3050	x	1225	x	2.0	60.07	
3650	x	1225	x	2.0	71.89	
3000	x	1500	x	2.0	72.35	
1850	x	925	x	2.5	34.39	*
2450	x	925	x	2.5	45.55	*
3050	x	925	x	2.5	56.7	*
1850	x	1225	x	2.5	45.55	
2450	x	1225	x	2.5	60.32	
3050	x	1225	x	2.5	75.09	
3650	x	1225	x	2.5	89.86	
2450	x	1500	x	2.5	73.86	
3000	x	1500	x	2.5	90.44	
3650	x	1500	x	2.5	110.03	*
1850	x	925	x	2.8	38.52	*
2450	x	925	x	2.8	51.01	*
3050	x	925	x	2.8	63.5	*
1850	x	1225	x	2.8	51.01	*
2450	x	1225	x	2.8	67.56	
3050	x	1225	x	2.8	84.1	*
3650	x	1225	x	2.8	100.64	*
2450	x	1500	x	2.8	82.72	#/*

Mild Steel HR Sheets (Pickled & Oiled)

Dimensions					Mass per metre	Notes
2450	x	1225	x	2.0	48.25	
2450	x	1225	x	2.5	60.32	
2450	x	1225	x	2.8	67.56	*
2450	x	1225	x	3.0	72.38	*
2450	x	1225	x	3.5	84.44	*
2450	x	1225	x	4.0	96.51	*

Hot Rolled Sheets

Dimensions					Mass per metre	Notes
3000	x	1500	x	2.8	101.29	#/*
3650	x	1500	x	2.8	123.24	#/*
2450	x	1800	x	2.8	99.27	#/*
3000	x	1800	x	2.8	121.55	#/*
3650	x	1800	x	2.8	147.89	#/*
1850	x	925	x	3.0	41.27	
2450	x	925	x	3.0	54.66	
3050	x	925	x	3.0	68.04	*
3650	x	925	x	3.0	81.43	*
1850	x	1225	x	3.0	54.66	*
2450	x	1225	x	3.0	72.38	
3050	x	1225	x	3.0	90.11	
3650	x	1225	x	3.0	107.83	
2450	x	1500	x	3.0	88.63	
3000	x	1500	x	3.0	108.53	
3650	x	1500	x	3.0	132.04	*
2450	x	1800	x	3.0	106.36	*
3000	x	1800	x	3.0	130.23	*
3650	x	1800	x	3.0	158.45	*
4000	x	1800	x	3.0	173.64	
5000	x	1800	x	3.0	217.05	*
6000	x	1800	x	3.0	260.46	
2450	x	1225	x	3.5	84.44	
3000	x	1500	x	3.5	126.61	*
1850	x	925	x	4.0	55.03	*
2450	x	1225	x	4.0	96.51	
3000	x	1500	x	4.0	144.7	
4000	x	1800	x	4.0	231.52	

Galvanised Sheets Lock Forming

Dimensions					Mass per metre	Notes
2450	x	1225	x	0.6	13.99	
2450	x	1225	x	0.8	19.3	
2450	x	1225	x	1.0	24.13	
2450	x	1225	x	1.2	28.95	*

E & OE

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Cold Rolled Sheets

Dimensions					Mass per metre	Notes
1850	x	925	x	0.5	6.88	*
2450	x	925	x	0.5	9.11	*
1850	x	1225	x	0.5	9.11	*
2450	x	1225	x	0.5	12.06	
1850	x	925	x	0.6	8.25	*
2450	x	925	x	0.6	10.93	*
1850	x	1225	x	0.6	10.93	*
2450	x	1225	x	0.6	14.48	
3050	x	1225	x	0.6	18.02	*
3650	x	1225	x	0.6	21.57	*
1850	x	925	x	0.7	9.63	*
2450	x	1225	x	0.7	16.89	
1850	x	925	x	0.8	11.01	
2450	x	925	x	0.8	14.57	*
1850	x	1225	x	0.8	14.57	*
2450	x	1225	x	0.8	19.3	
3050	x	1225	x	0.8	24.03	*
3650	x	1225	x	0.8	28.76	*
1850	x	925	x	0.9	12.38	*
2450	x	1225	x	0.9	21.71	*
1850	x	925	x	1.0	13.76	
2450	x	925	x	1.0	18.22	*
1850	x	1225	x	1.0	18.22	*
2450	x	1225	x	1.0	24.13	
3050	x	1225	x	1.0	30.04	
3650	x	1225	x	1.0	35.94	*
1850	x	925	x	1.2	16.51	
2450	x	925	x	1.2	21.86	*
1850	x	1225	x	1.2	21.86	*
2450	x	1225	x	1.2	28.95	
3050	x	1225	x	1.2	36.04	
3650	x	1225	x	1.2	43.13	*
1850	x	925	x	1.6	22.01	
2450	x	925	x	1.6	29.15	*
1850	x	1225	x	1.6	29.15	*
2450	x	1225	x	1.6	38.6	
3050	x	1225	x	1.6	48.06	
3650	x	1225	x	1.6	57.51	*
3000	x	1500	x	1.6	57.88	
1850	x	925	x	2.0	27.51	
2450	x	925	x	2.0	36.44	
1850	x	1225	x	2.0	36.44	
2450	x	1225	x	2.0	48.25	
3050	x	1225	x	2.0	60.07	
3650	x	1225	x	2.0	71.89	*
3000	x	1500	x	2.0	72.35	

Galvanised Sheets Z275

Dimensions					Mass per metre	Notes
1850	x	925	x	0.5	6.88	*
2450	x	925	x	0.5	9.11	*
1850	x	1225	x	0.5	9.11	*
2450	x	1225	x	0.5	12.06	
1850	x	925	x	0.6	7.98	
2450	x	925	x	0.6	10.57	*
1850	x	1225	x	0.6	10.57	*
2450	x	1225	x	0.6	13.99	
1850	x	925	x	0.8	11.01	
2450	x	925	x	0.8	14.57	
1850	x	1225	x	0.8	14.57	*
2450	x	1225	x	0.8	19.3	
1850	x	925	x	1.0	13.76	*
2450	x	925	x	1.0	18.22	*
1850	x	1225	x	1.0	18.22	*
2450	x	1225	x	1.0	24.13	
1850	x	925	x	1.2	16.51	
2450	x	925	x	1.2	21.86	*
1850	x	1225	x	1.2	21.86	
2450	x	1225	x	1.2	28.95	
1850	x	925	x	1.6	22.01	*
2450	x	925	x	1.6	29.15	*
1850	x	1225	x	1.6	29.15	*
2450	x	1225	x	1.6	38.60	
1850	x	925	x	1.9	26.14	#
2450	x	925	x	1.9	34.61	#
1850	x	1225	x	1.9	34.61	*
2450	x	1225	x	1.9	45.84	
2450	x	1225	x	2.4	57.9	
2450	x	1225	x	3.0	72.38	

E & OE

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ROUND, SQUARE, RECTANGULAR TUBING

Round Tubing


Size Outside Dimension mm	Wall mm	Kilograms per Metre
15.8	1.6	0.563
15.8	2.0	0.681
19.0	1.6	0.688
19.0	2.0	0.840
21.3	1.6	0.778
21.3	2.0	0.953
21.3	2.5	1.158
25.4	1.6	0.939
25.4	2.0	1.154
25.4	2.5	1.411
26.9	1.6	1.002
26.9	2.0	1.233
26.9	2.5	1.502
26.9	2.8	1.681
26.9	3.0	1.768
31.7	1.6	1.189
31.7	2.0	1.467
31.7	2.5	1.817
31.7	3.0	2.123
34.0	1.6	1.282
34.0	2.0	1.562
34.0	2.5	1.942
34.0	3.0	2.293
38.1	1.6	1.440
38.1	2.0	1.780
38.1	2.5	2.192
38.1	3.0	2.790
38.1	4.0	3.364
42.8	1.6	1.642
42.8	2.0	2.012
42.8	2.5	2.484
42.8	2.8	2.790
42.8	3.0	2.944
42.8	3.5	3.419
42.8	4.0	3.793
48.5	1.6	1.846
48.5	2.0	2.288
48.5	2.5	2.830
48.5	2.8	3.187

Round Tubing Continued


Size Outside Dimension mm	Wall mm	Kilograms per Metre
48.5	3.0	3.358
48.5	3.5	3.915
48.5	4.0	4.366
48.5	4.5	4.912
50.8	1.6	1.940
50.8	2.0	2.406
50.8	2.5	2.978
50.8	2.8	3.348
50.8	3.0	3.533
50.8	3.5	4.083
50.8	4.0	4.616
50.8	4.5	5.169
57.1	1.6	2.191
57.1	2.0	2.718
57.1	2.5	3.372
57.1	3.0	4.003
57.1	4.0	5.248
60.3	1.6	2.317
60.3	2.0	2.875
60.3	2.5	3.700
60.3	2.8	4.013
60.3	3.0	4.224
60.3	3.5	4.876
60.3	4.0	5.551
60.3	4.5	6.154
63.5	1.6	2.440
63.5	2.0	3.031
63.5	2.5	3.758
63.5	3.0	4.472
63.5	3.5	5.174
63.5	4.0	5.875
63.5	4.5	6.541
73.0	1.6	2.817
73.0	2.5	4.346
73.0	3.0	5.176
73.0	3.5	5.998
76.2	1.6	2.942
76.2	2.0	3.658
76.2	2.5	4.534

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Round Tubing Continued

Size Outside Dimension mm	Wall mm	Kilograms per Metre
76.2	2.8	5.120
76.2	3.0	5.416
76.2	3.5	6.261
76.2	4.0	7.105
76.2	4.5	7.939
76.2	5.0	8.779
76.2	6.0	10.308
88.9	2.0	4.286
88.9	2.5	5.327
88.9	3.0	6.355
88.9	3.5	7.371
88.9	4.0	8.375
88.9	4.5	9.366
88.9	5.0	10.345
88.9	6.0	12.172
101.6	1.6	3.986
101.6	2.0	4.908
101.6	2.5	6.104
101.6	2.8	6.891
101.6	3.0	7.288
101.6	3.5	8.460
101.6	4.0	9.619
101.6	4.5	10.760
101.6	5.0	11.911
101.6	6.0	14.135
114.3	2.0	5.534
114.3	2.5	6.893
114.3	3.0	8.221
114.3	3.5	9.550
114.3	4.0	10.880
114.3	4.5	12.170
114.3	5.0	13.465
114.3	6.0	16.011
127.0	2.0	6.165
127.0	2.5	7.669
127.0	2.8	8.663
127.0	3.0	9.166
127.0	3.5	10.660
127.0	3.8	11.840
127.0	4.0	12.120
127.0	4.5	13.590

Round Tubing Continued

Size Outside Dimension mm	Wall mm	Kilograms per Metre
127.0	5.0	15.044
127.0	6.0	17.880
139.7	3.0	10.110
139.7	3.5	11.760
139.7	4.0	13.390
139.7	4.5	15.000
139.7	5.0	16.610
139.7	6.0	19.780
152.4	2.0	7.493
152.4	2.5	9.335
152.4	2.8	10.330
152.4	3.0	11.050
152.4	3.5	12.850
152.4	4.0	14.640
152.4	4.5	16.410
152.4	5.0	18.180
152.4	6.0	21.660
165.1	2.8	11.210
165.1	3.0	11.990
165.1	3.5	13.950
165.1	4.0	15.890
165.1	4.5	17.810
165.1	5.0	19.740
165.1	6.0	23.540
177.8	3.0	13.000
177.8	3.5	15.044
177.8	4.0	17.320
177.8	4.5	19.340
177.8	6.0	25.217
193.7	3.0	14.130
193.7	3.5	16.440
193.7	4.0	18.530
193.7	4.5	21.030
193.7	5.0	23.300
193.7	6.0	27.820
219.1	3.5	18.600
219.1	4.0	21.010
219.1	4.5	23.810
219.1	5.0	26.390
219.1	6.0	31.530

E & OE

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Galvanised Rounds


Size Outside Dimension mm	Wall mm	Kilograms per Metre
19.0	1.6	0.729
19.0	2.0	0.890
21.3	1.6	0.825
21.3	2.0	1.010
25.4	1.6	0.995
25.4	2.0	1.223
26.9	1.6	1.062
26.9	2.0	1.307
31.7	1.6	1.260
31.7	2.0	1.555
34.0	1.6	1.359
34.0	2.0	1.656
34.0	2.5	2.072
38.1	1.6	1.562
38.1	2.0	1.887
42.8	1.6	1.741
42.8	2.0	2.133
48.5	1.6	1.957
48.5	2.0	2.425
50.8	1.6	2.056
50.8	2.0	2.550
50.8	2.5	3.274
60.3	1.6	2.456
60.3	2.0	3.045
76.2	2.0	3.877
88.9	2.0	4.543
101.6	2.0	5.202
101.6	2.5	6.740
101.6	3.0	7.725
101.6	3.5	8.968
101.6	4.0	10.107
114.3	2.0	5.866
114.3	2.5	7.307
114.3	3.0	8.714
114.3	3.5	10.128
114.3	4.0	11.533


Square Tubing

Size Outside Dimension mm	Wall mm	Kilograms per Metre
12.7	1.6	0.575
15.8	1.6	0.734
15.8	2.0	0.859
19.0	1.6	0.894
19.0	2.0	1.097
25.4	1.6	1.212
25.4	2.0	1.496
25.4	2.5	1.817
25.4	3.0	2.164
31.7	1.6	1.531
31.7	2.0	1.894
31.7	2.5	2.391
31.7	3.0	2.831
38.1	1.6	1.850
38.1	2.0	2.293
38.1	2.5	2.892
38.1	3.0	3.326
40.0	1.6	1.940
40.0	2.0	2.413
40.0	2.5	2.985
40.0	3.0	3.546
40.0	4.0	4.574
50.8	1.6	2.488
50.8	2.0	3.090
50.8	2.5	3.979
50.8	3.0	4.472
50.8	3.5	5.174
50.8	4.0	5.864
50.8	4.5	6.541
60.0	1.6	2.937
60.0	2.0	3.517
60.0	2.5	4.491
60.0	3.0	5.403
60.0	3.5	6.261
60.0	4.0	7.105
60.0	4.5	7.939

E & OE
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Square Tubing Continued



Size Outside Dimension mm	Wall mm	Kilograms per Metre
63.5	1.6	3.090
63.5	2.0	3.844
63.5	2.5	4.774
63.5	3.0	5.691
63.5	3.5	6.713
63.5	4.0	7.499
63.5	4.5	8.371
76.2	1.6	3.710
76.2	2.0	4.583
76.2	2.5	5.690
76.2	3.0	6.801
76.2	3.5	7.891
76.2	4.0	8.969
76.2	4.5	10.034
76.2	5.0	11.316
76.2	6.0	13.327
101.6	2.0	6.160
101.6	2.5	7.669
101.6	3.0	9.166
101.6	3.5	10.650
101.6	4.0	12.120
101.6	4.5	13.580
101.6	5.0	15.030
101.6	6.0	17.900
120.0	3.0	11.050
120.0	4.0	14.640
120.0	4.5	16.410
120.0	5.0	18.180
120.0	6.0	21.160
150.0	3.0	14.130
150.0	3.5	16.277
150.0	4.0	18.750
150.0	4.5	21.030
150.0	5.0	23.030
150.0	6.0	27.820

Rectangular Tubing



Size Outside Dimension mm			Wall mm	Kilograms per Metre
25	x	12	1.6	0.894
31	x	19	1.6	1.212
31	x	19	2.0	1.469
38	x	19	1.6	1.435
38	x	19	2.0	1.667
38	x	25	1.6	1.531
38	x	25	2.0	1.894
38	x	25	2.5	2.390
38	x	25	3.0	2.704
50	x	25	1.6	1.850
50	x	25	2.0	2.293
50	x	25	2.5	2.803
50	x	25	3.0	3.326
50	x	38	1.6	2.190
50	x	38	2.0	2.718
50	x	38	2.5	3.366
50	x	38	3.0	4.003
60	x	40	1.6	2.294
60	x	40	2.0	3.041
60	x	40	2.5	3.770
60	x	40	3.0	4.487
60	x	40	3.5	5.221
60	x	40	4.0	5.732
60	x	40	4.5	6.588
63	x	38	2.0	3.031
63	x	38	3.0	4.476
76	x	25	1.6	2.440
76	x	25	2.0	3.031
76	x	25	2.5	3.758
76	x	25	3.0	4.472
76	x	25	4.0	5.174
76	x	38	1.6	2.817
76	x	38	2.0	3.501
76	x	38	2.5	4.346
76	x	38	3.0	5.178

E & OE

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Rectangular Tubing Continued



Size Outside Dimension mm			Wall mm	Kilograms per Metre
76	x	38	3.5	5.998
76	x	38	4.0	6.652
76	x	38	4.5	7.581
76	x	50	1.6	3.090
76	x	50	2.0	3.884
76	x	50	2.5	4.774
76	x	50	3.0	5.691
76	x	50	3.5	6.597
76	x	50	4.0	7.499
76	x	50	4.5	8.371
80	x	40	1.6	2.937
80	x	40	2.0	3.652
80	x	40	2.5	4.534
80	x	40	3.0	5.403
80	x	40	3.5	6.261
80	x	40	4.0	7.105
80	x	40	4.5	7.939
100	x	50	1.6	3.673
100	x	50	2.0	4.583
100	x	50	2.5	5.690
100	x	50	3.0	6.801
100	x	50	3.5	7.891
100	x	50	4.0	8.969
100	x	50	4.5	10.034
100	x	50	5.0	11.129
100	x	50	6.0	13.104
100	x	80	6.0	16.025
120	x	60	3.0	8.128
120	x	60	3.5	9.643
120	x	60	4.0	10.776
120	x	60	4.5	12.263
120	x	60	5.0	13.478
120	x	60	6.0	15.899
120	x	80	3.5	10.660
120	x	80	4.0	12.130

Rectangular Tubing Continued



Size Outside Dimension mm			Wall mm	Kilograms per Metre
120	x	80	4.0	12.130
120	x	80	5.0	15.040
120	x	80	6.0	17.900
127	x	76	2.0	6.160
127	x	76	2.5	7.669
127	x	76	3.0	9.166
127	x	76	3.5	10.650
127	x	76	4.0	12.120
127	x	76	4.5	13.580
127	x	76	5.0	15.278
127	x	76	6.0	18.042
150	x	50	2.0	5.923
150	x	50	2.5	7.586
150	x	50	3.0	9.055
150	x	50	3.5	10.749
150	x	50	4.0	12.016
150	x	50	4.5	13.682
150	x	50	5.0	15.044
150	x	50	6.0	17.762
150	x	100	3.0	11.372
150	x	100	3.5	13.513
150	x	100	4.0	15.117
150	x	100	4.5	17.229
150	x	100	5.0	18.959
150	x	100	6.0	22.421
160	x	80	3.0	10.909
160	x	80	3.5	12.960
160	x	80	4.0	14.639
160	x	80	4.5	16.520
160	x	80	6.0	21.489
200	x	100	3.0	14.130
200	x	100	3.5	16.440
200	x	100	4.0	18.750
200	x	100	4.5	21.030
200	x	100	5.0	23.300
200	x	100	6.0	27.820

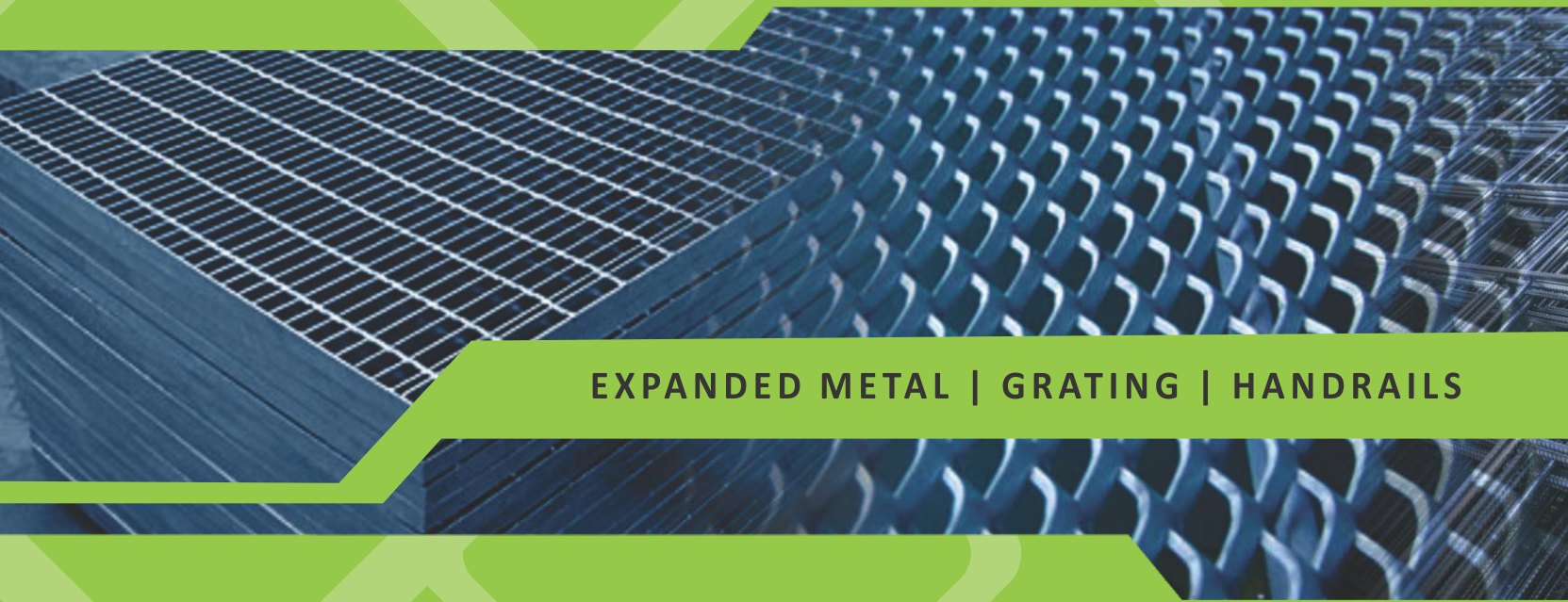
E & OE

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EXPANDED METAL | GRATING | HANDRAILS

Raised Mentex

Ref. No.	Spec.	Size	Mass
30/330A	75/200/5.0/4.5	1200x2400	13.56
43/305B	40/115/6.0/4.5	1200x2400	25.43
43A/305A	40/115/4.5/4.5	1200x2400	19.08
54/409E	50/100/3.0/3.0	1200x2400	8.14
63/355G	30/80/3.0/3.0	1200x2400	11.97
70/325A	20/60/6.0/4.5	1200x2400	43.61
72/325G	20/60/3.0/3.0	1200x2400	14.53
80A/318H	15/40/3.0/2.5	1200x2400	17.59
82/318F	15/40/2.5/1.6	1200x2400	10.05
118/315F	10/30/2.5/1.6	1200x2400	11.30
130/280D	8/20/2.0/1.0	1200x2400	10.17
143/250D	5/10/1.0/1.0	1200x2400	8.22
151/230B	3/6/1.0/0.5	1200x2400	7.54
300/310E	45/80/3.0/3.0	1200x2400	9.04
304/320G	25/50/3.0/3.0	1200x2400	14.53
309/320J	25/50/6.0/4.5	1200x2400	43.61

Flatex

Ref. No.	Spec.	Size	Mass
338/6311F	50/80/4.5/2.5	1200x2400	9.42
341/6355H	30/80/4.5/2.5	1200x2400	14.96
344/6320C	25/50/3.0/1.6	1200x2400	7.75
345/6320K	25/50/10.0/3.0	1200x2400	48.45
346/6320H	25/50/4.5/3.0	1200x2400	19.38
346A/6320G	25/50/3.0/3.0	1200x2400	15.02
348/6320E	25/50/4.5/2.5	1200x2400	16.15
349/6320D	25/50/3.0/2.0	1200x2400	9.69
351A/6318H	15/40/3.0/2.5	1200x2400	18.84
352/6318F	15/40/3.0/1.6	1200x2400	11.25
354/6317F	12/35/2.5/1.6	1200x2400	13.91
358/6315F	10/30/3.0/1.6	1200x2400	12.66
362/6280E	8/20/2.0/1.0	1200x2400	10.17
372/6250D	5/10/1.2/1.0	1200x2400	8.22

Walkway Mesh

Ref. No.	Spec.	Size	Mass
5/489	35/120/10.0/6.0	1200x2400	67.82
6/488	35/120/10/4.5	1200x2400	50.87
7/487	35/120/8.0/4.5	1200x2400	44.08
8/486	35/120/6.0/4.5	1200x2400	33.91
38/484	40/140/6.0/4.5	1200x2400	27.47

RS40 Grating Unbanded

Bearer Bar	Panel Size	Bitumen Mass	Galv. Mass
25 x 4,5	2400 x 1200	86.00	92.02
30 x 4,5	2400 x 1200	100.00	107.00
40 x 4,5	2400 x 1200	125.00	133.75
50 x 4,5	2400 x 1200		
60 x 4,5	2400 x 1200		

RS40 Trench Covers Banded

Bearer Bar	Panel Size	Bitumen Mass	Galv. Mass
25 x 4,5	325x1000	11.00	11.40
30 x 4,5	325x1000	13.00	13.10
40 x 4,5	325x1000	16.00	16.60
30 x 4,5	500x1000	19.00	20.10
50 x 4,5	500x1000	29.00	30.80

Stairtreads

Bearer Bar	Panel Size	Bitumen Mass	Galv. Mass
25 x 4,5	600x205	4.73	5.01
25 x 4,5	600x245	5.48	5.81
25 x 4,5	750x205	5.87	6.23
25 x 4,5	750x245	6.79	7.20
30 x 4,5	900x245	9.53	10.10
30 x 4,5	1000x285	12.10	12.83

*KS43 (Bearer Bars at 44.5mm and Transversal Bars at 40mm)

Bearer Bar	Panel Size	Bitumen Mass	Galv. Mass
25 x 4,5	2400 x 1200	84.10	89.15
30 x 4,5	2400 x 1200	95.76	101.51
40 x 4,5	2400 x 1200	119.09	126.24

Braai Mesh (Plain or Galvanised)

Panel Size	Mass
450 x 600	0.90
600 x 900	1.70

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Stanchions

Type	Spec.	Mountings	Mass	
			Zinc	Galv
MT90	(500X500mm)	Top Mounted	3.00	3.30
MS90	(500X575mm)	Side Mounted	3.34	3.67
MO90	(500X575mm)	Side Mounted	3.40	3.74
MP90	(500X500mm)	Top Mounted	2.46	2.71
MTA30/35/40/45	(500X500mm)	Top Mounted	3.12	3.43
MSR30/35/40/45	(500X600mm)	Side Mounted	3.44	3.78
MSL30/35/40/45	(500X600mm)	Side Mounted	3.44	3.78
MST30/35/40/45	(500X575mm)	Top Mounted Concrete Stair	3.24	3.56
MST90	(305X305mm)	Top Mounted	2.15	2.37
MSS90	(305X380mm)	Side Mounted	2.55	2.81
MLT90	(180mm)	Top Mounted Ladder	1.08	1.19
MLS90	(255mm)	Side Mounted Ladder	1.39	1.53

Bends & Accessories

Type	Mass Zinc	Mass Galv
Item 1 90° Long radius bend	1.01	1.06
Item 2B 90° 305mm Straight closure	1.25	1.34
Item 2M 90° 500mm Straight closure	1.67	1.76
Item 3M 45° Angle closure	1.79	1.88
Item 3AM 40° Angle closure	1.84	1.94
Item 3BM 35° Angle closure	1.83	1.92
Item 3CM 30° Angle closure	1.83	1.92
Item 4 45° Bend	1.07	1.12
Item 4A 40° Bend	1.05	1.10
Item 4B 35° Bend	1.03	1.09
Item 4C 30° Bend	1.03	1.09
Item 5 90° Short radius bend	0.82	0.88
Item 6 Slipjoint	0.18	0.19
Item 7 Wall end plate	0.50	0.60
Item 10 Rubber end plug	0.03	
Item 11 Brass Hammer drive screw		
Item 12 Peg for MP90° 35mm diam x 150mm	1.13	1.21
Tubing 34,1mm diam x 2,5 mm 6,0m long	11.25	11.81

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NOTES:

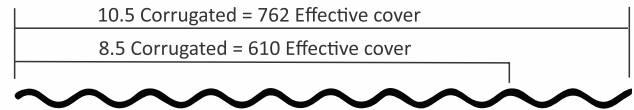
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ROOF SHEETING | WIRE & FENCE
PALISADES | BASE PLATES | DE-FENCE

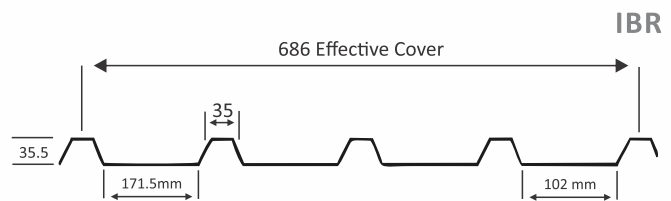
Corrugated



Corrugated 8 1/2 (610mm coverage)	Thickness mm	Flute Height mm	Mass Kg/m
Corrugated 8.5 (610mm coverage)	0.27	17.5	1.65
Corrugated 8.5 (610mm coverage)	0.3	17.5	1.95

Corrugated 10 1/2 (610mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
Corrugated 10.5 (762mm coverage)	0.4	17.5	2.91
Corrugated 10.5 (762mm coverage)	0.47	17.5	3.42
Corrugated 10.5 (762mm coverage)	0.5	17.5	3.65
Corrugated 10.5 (762mm coverage)	0.58	17.5	4.22
Corrugated 10.5 (762mm coverage)	0.8	17.5	5.81

Corrugated Widespan 10,5 (762mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
0.47mm chromadek	0.47	17.5	3.42
0.50mm chromadek	0.5	17.5	3.64
0.58mm chromadek	0.58	17.5	4.22
0.80mm chromadek	0.8	17.5	5.82



IBR (686mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
IBR (686mm coverage)	0.4	37	2.91
IBR (686mm coverage)	0.47	37	3.42
IBR (686mm coverage)	0.5	37	3.65
IBR (686mm coverage)	0.58	37	4.22
IBR (686mm coverage)	0.8	37	5.81

IBR (686mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
0.47mm chromadek	0.47	37	3.42
0.50mm chromadek	0.5	37	3.64
0.50mm chromadek	0.58	37	4.22
0.50mm chromadek	0.8	37	5.82

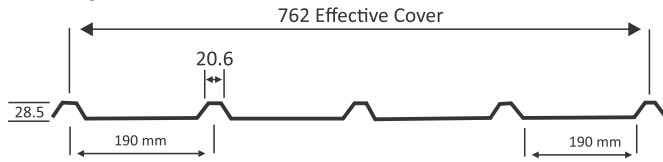
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Widespan



Widespan (762mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
IBR (762mm coverage)	0.4	28.6	2.91
IBR (762mm coverage)	0.47	28.6	3.42
IBR (762mm coverage)	0.5	28.6	3.65
IBR (762mm coverage)	0.58	28.6	4.22
IBR (762mm coverage)	0.8	28.6	5.81

Widespan (762mm coverage)	Thickness mm	Flute height mm	Mass Kg/m
0.47mm chromadek	0.47	28.6	3.42
0.50mm chromadek	0.5	28.6	3.64
0.50mm chromadek	0.58	28.6	4.22
0.50mm chromadek	0.8	28.6	5.82

Wire & Fence

Barbed Wire -	Single and double strand lightly and fully gavanised In gauges: 1,60 - 2,90mm
Straining Barbed Wire -	Lightly galvanised In guages : 1,60 - 4,00mm
Black Bailing Wire -	In gauges : 1,60 - 2,00mm
High Strain Wire -	Lightly and fully galvanised In gauges : 1,60-4,00mm (50kg coils)
Black Bailing Wire -	In gauges : 1,60-4,00mm (50kg coils)
Household Wire -	In gauges : 0,71-2,50mm (500g coils)
Diamond Mesh -	900 x 45 x 2,00mm to 900 x 75 x 3,15 (15 metre rolls) Also available in PVC Coated 30 metre rolls
Netting -	600 x 13 x 0,71mm to 600 x 90 x 1,80mm (15 metre rolls)
Lightly Galvanised Welding Mesh -	1 220 x 50 x 25 x 2,5mm to 2 420 x 100 x 100 x 2,50mm (30metre rolls)
Black Reinforcement and General Purpose Mesh -	In long rolls and sheets
Razor Wire Coil -	500, 700 and 950mm diameter
Flat Wrap -	500, 700 and 950mm diameter
Standards -	1 850 to 3 600 mm (Y Standards) 2 450 and 3 050mm (Security Y Standards) 1 850, 2 450 and 3 050 (Apex Standards)
Droppers -	0 950 x 0,53kg to 3 050 x 1,71kg

E & OE

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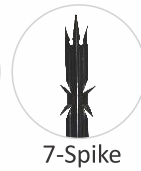
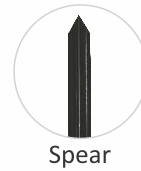
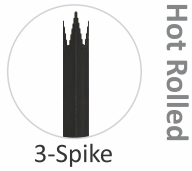
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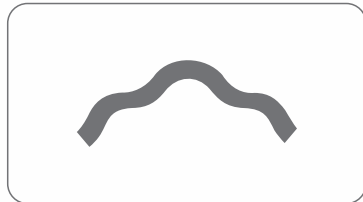
Palisades



D-Section
Spike/Head Designs



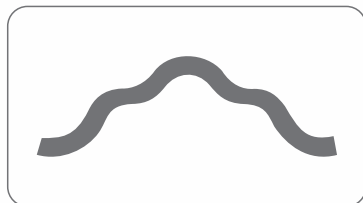
D50 Section



Material	
Cover Width	Thickness
50	2.0
50	2.5
50	3.0

Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.442	0.531	1.061	1.326	1.592	1.768	2.122
Mass:	0.553	0.663	1.326	1.658	1.989	2.21	2.653
Mass:	0.663	0.796	1.592	1.989	2.387	2.653	3.183

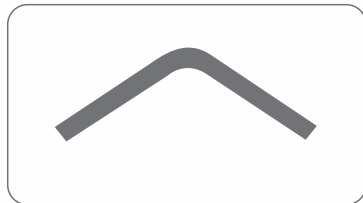
D60 Section



Material	
Cover Width	Thickness
63	2.0
63	2.5
63	3.0

Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.563	0.675	1.35	1.688	2.026	2.251	2.701
Mass:	0.703	0.844	1.688	2.11	2.532	2.813	3.376
Mass:	0.844	1.013	2.026	2.532	3.038	3.376	4.051

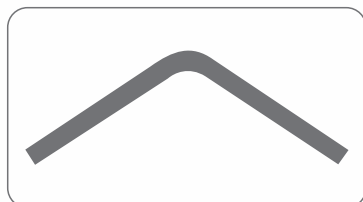
30 x 30 Econo



Material	
Cover Width	Thickness
45	2.0
45	2.5
45	3.0

Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.402	0.482	0.965	1.206	1.447	1.608	1.929
Mass:	0.502	0.603	1.206	1.507	1.809	2.01	2.411
Mass:	0.603	0.723	1.447	1.809	2.17	2.411	2.894

40 x 40 Econo



Material	
Cover Width	Thickness
60	2.0
60	2.5
60	3.0

Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.563	0.675	1.35	1.688	2.026	2.251	2.701
Mass:	0.703	0.844	1.688	2.11	2.532	2.813	3.376
Mass:	0.844	1.013	2.026	2.532	3.038	3.376	4.051

25 x 25 HR Angle



Material	
Cover Width	Thickness
35	2.0
35	2.5
35	3.0

Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.387	0.464	0.929	1.161	1.393	1.548	1.858
Mass:	0.475	0.570	1.140	1.425	1.710	1.900	2.280
Mass:	0.555	0.666	1.332	1.665	1.998	2.22	2.664

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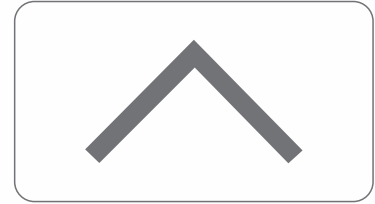
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Palisade continued

30 x 30 HR Angle

Material	
Cover Width	Thickness
43	2.0
43	2.5
43	3.0

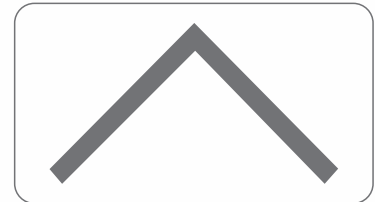
Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.475	0.570	1.140	1.425	1.710	1.900	2.280
Mass:	0.585	0.702	1.404	1.755	2.106	2.340	2.808
Mass:	0.680	0.816	1.632	2.040	2.448	2.720	3.264



40 x 40 HR Angle

Material	
Cover Width	Thickness
57	2.0
57	2.5
57	3.0

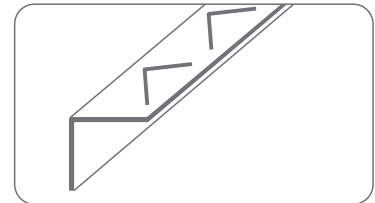
Length:	0.500	0.600	1.200	1.500	1.800	2.000	2.400
Mass:	0.643	0.771	1.542	1.928	2.313	2.570	3.084
Mass:	0.790	0.948	1.896	2.370	2.844	3.160	3.792
Mass:	0.935	1.122	2.244	2.805	3.366	3.740	4.488



Cross Member HR Angle

Material	Length	Mass
40 x 40 x 2.0 HR Angle	3.0	3.855
40 x 40 x 2.5 HR Angle	3.0	4.740
40 x 40 x 3.0 HR Angle	3.0	5.610
40 x 40 x 5.0 HR Angle	3.0	8.910

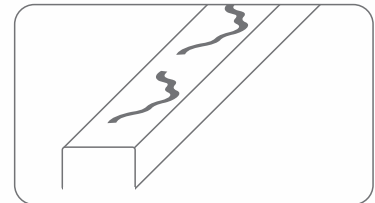
Please Note:
Cross Member can be V punched.
Punching of 16, 17, 18, 19,20 and 21 V punches per 3m.



Cross Member Open Channel

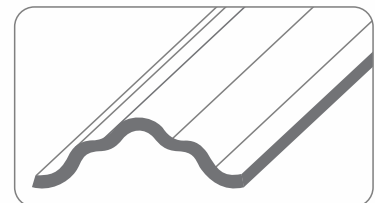
Material	Length	Mass
25 x 60 x 25 x 2.0mm Open Channel	3.0	5.310
25 x 60 x 25 x 2.5mm Open Channel	3.0	6.633
25 x 60 x 25 x 3.0mm Open Channel	3.0	7.959

Please Note:
Cross Member are punched to fit D50 and D60 sections.
Punching of 16, 17, 18, 19,20 and 21 punches per 3m.



Gate Track

Material	Length	Mass
D60 Gate Track 2.0mm	6.0	6.752
D60 Gate Track 2.5mm	6.0	8.440
D60 Gate Track 3.0mm	6.0	10.128



Please Note:

We also supply complete panels & gates in standard sizes.
Non standard requirements can be made on request.
Posts are capped with a square domed post cap welded onto post.
Posts are 76 x 76 x 1.6mm

E & OE

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Base Plates

Width	Length	Thickness & Mass per Unit											
		1.6	2	2.5	3	4	4.5	5	6	8	10	12	16
75	75	0.072	0.090	0.113	0.136	0.181	0.203	0.226	0.271	0.362	0.452	0.543	0.724
100	100	0.129	0.161	0.201	0.241	0.322	0.362	0.402	0.482	0.643	0.804	0.965	1.286
150	150	0.289	0.362	0.452	0.543	0.724	0.814	0.904	1.085	1.447	1.809	2.171	2.894
200	200	0.514	0.643	0.804	0.965	1.286	1.447	1.608	1.929	2.572	3.216	3.859	5.145
250	250	0.804	1.005	1.256	1.507	2.010	2.261	2.512	3.015	4.020	5.024	6.029	8.039
300	300	1.158	1.447	1.809	2.171	2.894	3.256	3.618	4.341	5.788	7.235	8.682	11.576
350	350	1.576	1.970	2.462	2.954	3.939	4.431	4.924	5.909	7.878	9.848	11.817	15.756
400	400	2.058	2.572	3.216	3.859	5.145	5.788	6.431	7.717	10.290	12.862	15.435	20.580
450	450	2.605	3.256	4.070	4.884	6.512	7.326	8.139	9.767	13.023	16.279	19.535	26.046
500	500	3.216	4.020	5.024	6.029	8.039	9.044	10.049	12.059	16.078	20.098	24.117	32.156

What we can do for you:

Roofing:

- Bullnosing / Cranking ●
- Standard Bullnose; Double Bullnose; Centre Crank; Reverse Bullnose*
- Roofing can be rolled to any length on request ●

Palisade:

- Available in Standard Sizes ●
- Installation ●
- Coatings and Paint done to clients' specification ●
- Palisade Gates ●

Base Plates:

- NJR Steel Flat Products can cut non-standard sizes on request ●
- We can cut up to 16mm thick plate on our guillotine ●

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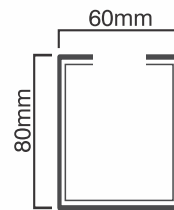
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De-fence[®] Max
HIGH SECURITY FENCING SYSTEM

The **De-Fence[®] Max** - High Security Fencing System is designed for front line physical perimeter protection, whilst simultaneously allowing a clear line of sight for CCTV monitoring and electronic detection systems. The high strength welded mesh panels are manufactured with narrow apertures secured to the posts by our unique interlocking fixing system, designed to create a seamless join along the entire length of the post for maximum strength and rigidity. The modular system allows for a range of extensions to be installed to suit your requirements, including spikes, razor wire and electric fencing.

Panel Specifications <small>*All products can be manufactured to customer specifications</small>	Width	2900mm
	Height	2400mm / 2200mm / 1800mm / 1200mm or to spec
	Mesh Aperture	76.2mm x 12.7mm
	Wire Diameter	3mm Horizontal and 4mm Vertical
	Wave Bends	4 Strengthening Bends
	Coating Finishes	*HDG, Powdercoated or PVC Dipped
	<small>*HDG - Hot Dipped Galvanised</small>	

Post Specifications <small>*All products can be manufactured to customer specifications</small>	Profile	Tube, 60mm x 80mm
	Wall Thickness	2mm
	Surface Treatment	*HDG, Powdercoated
	Height	Panel Height + 600mm
	Post Cap	PVC
	<small>*HDG - Hot Dipped Galvanised</small>	

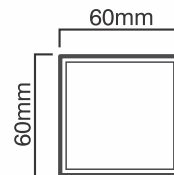


De-fence[®] Mid
MEDIUM SECURITY FENCING SYSTEM

The **De-Fence[®] Mid** - Medium Security Fencing System is designed to be unobtrusive and practical. Ideal for commercial property perimeters such as garages and fast food drive-through outlets where shopfront visibility and access control is important. The high tensile welded mesh panels are secured by a customised bracket system that is tamper proof and easy to assemble.

Panel Specifications <small>*All products can be manufactured to customer specifications</small>	Width	2900mm
	Height	2050mm or to spec
	Mesh Aperture	50mm x 100mm
	Wire Diameter	4.5mm Horizontal and Vertical
	Wave Bends	4 Strengthening Bends
	Coating Finishes	*HDG and Powdercoated
	<small>*HDG - Hot Dipped Galvanised</small>	

Post Specifications <small>*All products can be manufactured to customer specifications</small>	Profile	Tube, 60mm x 60mm
	Wall Thickness	2mm
	Surface Treatment	*HDG, Powdercoated
	Height	Panel Height + 600mm
	Post Cap	PVC
	<small>*HDG - Hot Dipped Galvanised</small>	



E & OE

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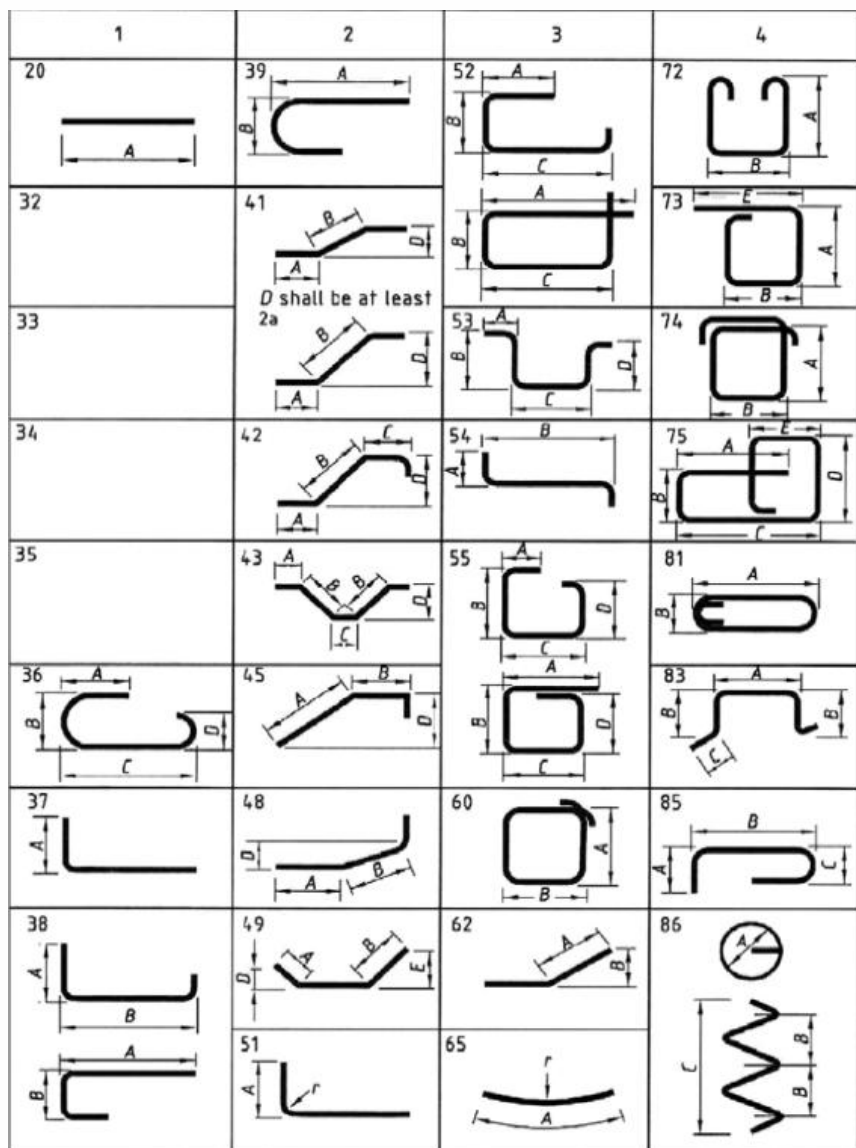
REINFORCING & MESH

Steel Reinforcing Bar Specifications SANS 282:2011

Bar Diameter mm	Nominal Mass of Bars	Cross Sectional Area mm ²
6	0.222	2.830
8	0.395	50.30
10	0.617	78.50
12	0.888	113.00
16	1.580	201.00
20	2.470	314.00
25	3.850	491.00
32	6.310	804.00
40	9.860	1260.00

Summary of Shape Codes SANS 282:2011

- High tensile steel (SANS 920:2011-450Mpa)
- denoted by the letter "Y", deformed bar.
- Mild Steel (SANS 920:2011-250Mpa)
- denoted by the letter "R", smooth bar.
- Standard Lengths available for both Grades
- 12m, 13m.
- Special diameters, lengths and grades are available on request.
- NJR Steel-Reinforcing will cut and bend according to the bending schedules supplied by the customer, or will assist the customer with formulating the bending schedules for quotation and production purposes.
- All bending schedules should refer to the standard Shape Codes.
- Use shape code 99 for all other shapes. A dimensional sketch of the shape shall be given in the Bending Schedule.
- Dimension are all external (outside dimensions).
- Radii of all bends are standard, unless "R" is given in the bending schedule.



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Reinforcing Mesh SANS 1024:2012
Sheets: 2.4m x 6m or Rolls: 2.4m x 60m

			SHEETS ONLY						SHEETS OR ROLLS						SHEETS ONLY						SHEETS OR ROLLS			
MR REFERENCE NO			888	746	617	500	395	311	245	193	100	156	200	1085	943	772	655	517	433	341	289	278	226	133
Mesh Size	Nominal pitch of Wires	Main mm	200	200	200	200	200	200	200	200	200	100	100	100	100	100	100	100	100	100	100	100	100	100
		Cross mm	200	200	200	200	200	200	200	200	200	100	100	200	200	200	200	200	200	200	300	300	300	300
Wire Sizes		Main mm	12,0	11,0	10,0	9,0	8,0	7,1	6,3	5,6	4,0	3,55	4,0	12,0	11,0	10,0	9,0	8,0	7,1	6,3	5,6	6,3	5,6	4,0
		Cross mm	12,0	11,0	10,0	9,0	8,0	7,1	6,3	5,6	4,0	3,55	4,0	8,0	8,0	7,1	7,1	6,3	6,3	5,6	5,6	4,0	4,0	4,0
Cross Sectional Area per Meter Width		Main mm ²	566	475	393	318	251	198	156	123	63	99	126	1131	951	786	636	503	396	312	246	312	246	126
		Cross mm ²	566	475	393	318	251	198	156	123	63	99	126	251	251	198	198	156	156	123	123	42	42	42
Nominal Mass per m ²		Kg	8,88	7,46	6,17	5,00	3,95	3,11	2,45	1,93	1,00	1,56	2,00	10,85	9,43	7,72	6,55	5,17	4,33	3,41	2,89	2,78	2,26	1,33
			SQUARE						GUNITE			STRUCTURAL						LONGITUDINAL						

The MR reference number is the nominal mass in kilograms per square metre multiplied by 100.
The sizes given above are standard and are the most generally used. Mesh to other specifications, both in size of wires and spacing is available on request.
Hard drawn wire to British Standards 4482 has a minimum breaking strength of 510Mpa and a minimum yield point of 485Mpa.

Reinforcing Steel

Deformed Bar - Straightened and Coils SANS 920:2011

Size	Length	Kg per Meter	Coils
Y3.5	1m-3.6m	0.75	1-2ton
Y4	1m-3.6m	0.100	1-2ton
Y5	1m-6m	0.154	1-2ton
Y5.6	1m-6m	0.192	1-2ton
Y6	1m-13m	0.222	1-2ton
Y8	1m-13m	0.395	1-2ton
Y9	1m-13m	0.495	1-2ton
Y10	1m-13m	0.617	1-2ton
Y12	1m-13m	0.888	1-2ton

FEATURES

- The unique deformed wire pattern (curry pattern) offers superior bonding, improved stress distribution and crack-width control.
- Manufactured from hard drawn wire (smooth) and cold rolled wire (deformed).
- All intersections are resistant-welded thereby not reducing the tensile strength of the wires.
- Mesh has an average shear strength equal to 80% of the wire strength.
- The wire used has physical properties which are rigidly controlled to produce mesh with maximum weld strength combined with ductility.
- The steel specifications allow for cold rolled wire with a minimum ultimate tensile strength of 510Mpa and a high resistance to fatigue.
- Mesh is available in black (pre-galvanised) and galvanised sheets or rolls.
- Also available on request: plastic coated and hot dipped (galvanised) mesh.

E & OE

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micromaster®
capa₂ system
0 - 30 mm / 0 - 1.2 in
SWISS MADE

TECHNICAL

QUALITY	CHEMICAL COMPOSITION % (LADLE ANALYSIS)															TENSILE STRENGTH (MIN)	YIELD STRESS (Mpa)	Elongation (MIN) IN 200mm	5,65/So	CHARPY V NOTCH TEMP ° C	AVE (J)							
	C	Mn	P	S	Si	V	Al	Mo	Ni	Cr	Cu	B	Nb	NOT SPECIFIED														
MILD STEEL	0.25		0.04	0.04																								
COMMERCIAL QUANTITY	MAX		MAX	MAX																								
BS 4360																												
43A	0.25	1.60	0.05	0.05	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
43C	0.18	1.50	0.05	0.05	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
43D	0.16	1.50	0.04	0.04	0.10/																							
	MAX	MAX	MAX	MAX	0.50																							
SABS 1431																												
300WA	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
300WC	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
300WDD	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
HIGHER STRENGTH																												
BS 4360																												
50B	0.23	1.60	0.05	0.05	0.50	0.003/																						
	MAX	MAX	MAX	MAX	MAX	0.10																						
50C	0.20	1.50	0.05	0.05	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
SABS 1431																												
350WA	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
350WC	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
350WDD	0.22	1.60	0.04	0.04	0.50																							
	MAX	MAX	MAX	MAX	MAX																							
CORROSION RESISTANT																												
CORTEN A	0.12	0.20/	0.07/	0.05	0.25/																							
	MAX	0.50	0.15	MAX	0.75																							
CORTEN B	0.19	0.80/	0.04	0.05	0.30/	0.02/																						
	MAX	1.25	MAX	MAX	0.65	0.10																						
CORTEN C	0.19	0.80/	0.04	0.05	0.30/	0.04																						
	MAX	1.35	MAX	MAX	0.65	0.10																						
WEAR RESISTANT																												
510/200	0.40/	0.60/	0.06	0.06	0.10/																							
	0.55	1.00	MAX	MAX	0.35																							
PRESSURE VESSEL																												
BS 1501/151/430A	0.25	0.60/	0.03	0.045	0.35																							
	MAX	1.40	MAX	MAX	MAX																							
BS 1601/161/430A	0.25	0.60	0.03	0.03	0.10/																							
	MAX	1.40	MAX	MAX	0.35																							

E & OE

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CONVERTING FROM RAND PER METRE TO RAND PER TON

EXAMPLE: 25 X 25 X 2,5 ANGLE	RAND PER METRE		MASS PER METRE			
	4,08	"->"	DIVIDED BY	"->"	0,939	
	"="	"4,34505"	"->"	MULTIPLIED BY	"->"	1 000,00
	"="	4345,05				

CONVERTING FROM RAND PER TON TO RAND PER METRE

EXAMPLE: 25 X 25 X 2,5 ANGLE	RAND PER TON		MASS PER METRE			
	4345,05	"->"	DIVIDED BY	"->"	1 000,00	
	"="	"4,34505"	"->"	MULTIPLIED BY	"->"	0,939
	"="	4,08				

CALCULATING MASS PER SHEET

EXAMPLE: 2450 X 1225 X 1,6 HR SHEET	SHEET FACTOR 8,039					
LENGTH/1 000	WIDTH/1 000		THICKNESS		FACTOR	
2,45	MULTIPLIED BY	1,225	MULTIPLIED BY	1,6	MULTIPLIED BY	8,039
"="	38 600	KG				
EXAMPLE: 2500 X 1200 X 4,5 PLATE	PLATE FACTOR 7,85					
LENGTH/1 000	WIDTH/1 000		THICKNESS		FACTOR	
2,50	MULTIPLIED BY	1,20	MULTIPLIED BY	4,5	MULTIPLIED BY	7,85
"="	105,97	KG				

CONVERTING FROM RAND PER SHEET TO RAND PER TON

EXAMPLE: 2450 X 1225 X 1,6 HR SHEET	RAND PER SHEET		MASS PER METRE			
	164,26	"->"	DIVIDED BY	"->"	38,6	
	"="	"4,25544"	"->"	MULTIPLIED BY	"->"	1 000,00
	"="	4255,44				

CONVERTING FROM RAND PER TON TO RAND PER PLATE

EXAMPLE: 2500 X 1200 X 4,5 PLATE	RAND PER TON		MASS PER PLATE			
	3834,99	"->"	DIVIDED BY	"->"	1 000,00	
	"="	"3,83499"	"->"	MULTIPLIED BY	"->"	105,97
	"="	406,39				

CONVERTING MASS PER METRE FOR A TUBE

EXAMPLE: 19 OD X 2,9 WT TUBE						
DIAMETER	WALL THICKNESS		WALL THICKNESS		FACTOR	
19	MINUS	2,9	MULTIPLIED BY	2,9	MULTIPLIED BY	0,0253
"="	1 181	kg per metre				

E & OE
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Trusted since 1980