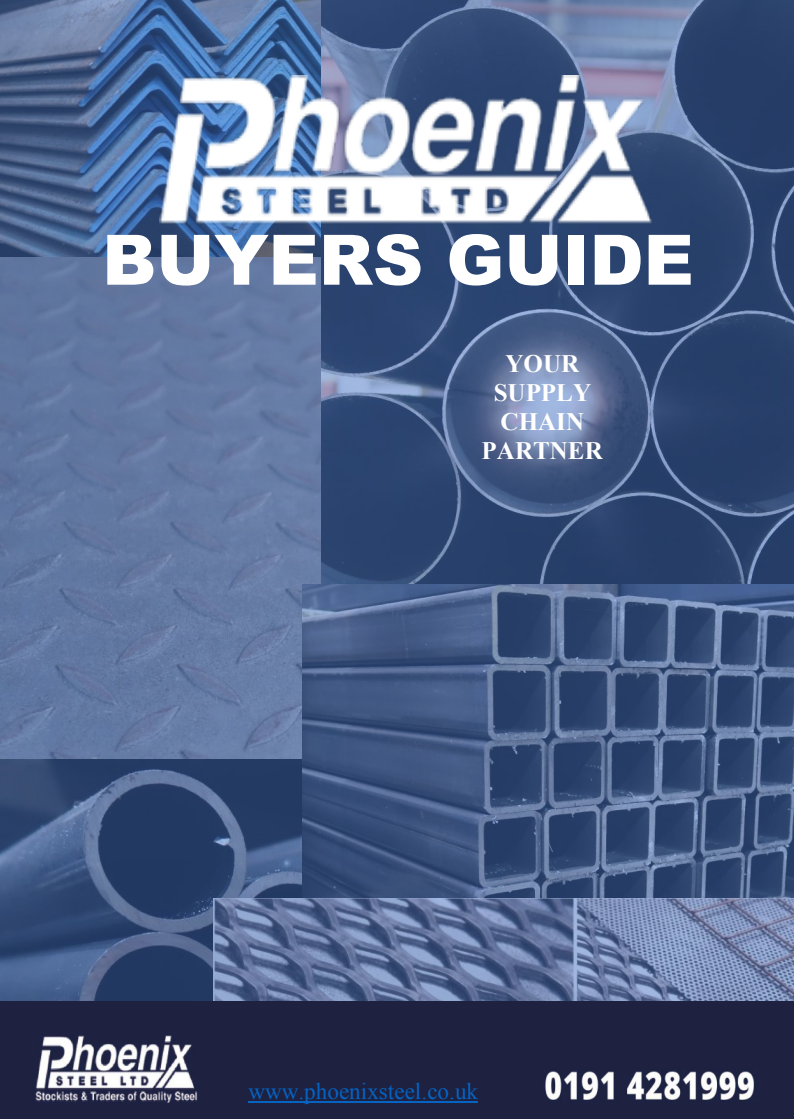


The background of the cover is a collage of steel-related images. In the top left, there are stacks of blue-painted steel angles. In the top right, there are circular cross-sections of steel pipes. In the middle left, there is a close-up of a diamond-plate steel surface. In the middle right, there is a circular graphic containing the text 'YOUR SUPPLY CHAIN PARTNER'. In the bottom left, there are more steel pipes. In the bottom right, there is a close-up of a steel mesh or rebar.

Phoenix **STEEL LTD**

BUYERS GUIDE

YOUR
SUPPLY
CHAIN
PARTNER

Introduction

Welcome to Phoenix Steel Ltd: Your Trusted Steel Stockholders Since 1994. The Phoenix Steel promise is simple: a quality service at the right price, backed by years of industry expertise and a commitment to your success.

Phoenix Steel Ltd stands as a cornerstone in the steel industry, proudly serving as your dedicated steel stockholders since our establishment in 1994. Our unwavering commitment to excellence and innovation has propelled us to become more than just a supplier - we are your partner in realising your steel needs.

With a steadfast dedication to customer satisfaction, we have perfected our services to provide a comprehensive 'One Stop' solution, tailored to meet the diverse demands of industries across the spectrum. From construction to manufacturing, engineering to architecture, we stand ready to provide a swift and dependable service that consistently exceeds expectations, all while maintaining competitive rates.

At Phoenix Steel, our mission extends beyond mere transactions. We are on a constant journey to redefine service excellence, elevating the standards of what you can expect from your steel partner. Our journey is centred around delivering not just steel, but an experience - an experience characterised by reliability, responsiveness, and the assurance that your requirements are met precisely as you envision.

Key to our success are the seasoned experts that make up our sales team. Committed, knowledgeable, and passionate about serving your needs, our sales professionals embody a customer-focused approach that puts you at the heart of everything we do. Whether you're seeking guidance on the ideal steel solutions or need rapid assistance with your orders, our sales staff provide prompt and courteous responses, ensuring a seamless and enjoyable interaction at every turn.

As we step forward into each new day, our dedication to service remains unwavering. We invite you to explore the boundless possibilities that steel offers, backed by Phoenix Steel's legacy of excellence.

Join us in forging a future built on strong foundations, where your steel requirements are not just met, but exceeded.

Thank you for considering Phoenix Steel as your partner of choice - where service, quality, and value converge to create an experience like no other.

Quality

Committed to Quality and firmly dedicated to our core principles, our operations are guided by a mission statement centered around excellence. The Phoenix Steel team recognises the importance of upholding company certifications, ensuring the highest standards across our management systems and processes. Our unwavering commitment extends to Quality, Environment, and more, driving our continuous pursuit of excellence.



ISO9001:2015 & CE MARKING APPROVED EN1090 Execution Level 4

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Joists & Universal Beams

EN10025 S355JR / J0

Description	kg/m	Depth of section mm	Width of section mm	Thickness of web mm	Thickness of flange mm
Joists					
102 x 44 x 7	7.5	101.6	44.5	4.3	6.1
Universal Beams					
127 x 76 x 13	13.0	127.0	76.0	4.0	7.6
152 x 89 x 16	16.0	152.4	88.7	4.5	7.7
178 x 102 x 19	19.0	177.8	101.2	4.8	7.9
203 x 102 x 23	23.1	203.2	101.8	5.4	9.3
203 x 133 x 25	25.1	203.2	133.2	5.7	7.8
203 x 133 x 30	30.0	206.8	133.9	6.4	9.6
254 x 102 x 22	22.0	254.0	101.6	5.7	6.8
254 x 102 x 25	25.2	257.2	101.9	6.0	8.4
254 x 102 x 28	28.3	260.4	102.2	6.3	10.0
254 x 146 x 31	31.1	251.4	146.1	6.0	8.6
254 x 146 x 37	37.0	256.0	146.4	6.3	10.9
254 x 146 x 43	43.0	259.6	147.3	7.2	12.7
305 x 102 x 25	24.8	305.1	101.6	5.8	7.0
305 x 102 x 28	28.2	308.7	101.8	6.0	8.8
305 x 102 x 33	32.8	312.7	102.4	6.6	10.8
305 x 127 x 37	37.0	304.4	123.3	7.1	10.7
305 x 127 x 42	41.9	307.2	124.3	8.0	12.1
305 x 127 x 48	48.1	311.0	125.3	9.0	14.0
305 x 165 x 40	40.3	303.4	165.0	6.0	10.2
305 x 165 x 46	46.1	306.6	165.7	6.7	11.8
305 x 165 x 54	54.0	310.4	166.9	7.9	13.7
356 x 127 x 33	33.1	349.0	125.4	6.0	8.5
356 x 127 x 39	39.1	353.4	126.0	6.6	10.7
356 x 171 x 45	45.0	351.4	171.1	7.0	9.7
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7

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*** Please Note*** The sizes listed in this book are intended for guidance purposes only. To verify availability, please contact us directly.

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Universal Beams

EN10025 S355JR / J0

Please note: The underlined items are offered as mill rolling only.

Description	kg/m	Depth of section mm	Width of section mm	Thickness of web mm	Thickness of flange mm
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2
406 x 140 x 53	53.3	406.6	143.3	7.9	12.9
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8
<u>406 x 178 x 85</u>	85.3	417.2	181.9	10.9	18.2
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6
457 x 191 x 106	105.8	469.2	194.0	12.6	20.6
<u>457 x 191 x 133</u>	133.3	480.6	196.7	15.3	26.3
<u>457 x 191 x 161</u>	161.4	492.0	199.4	18.0	32.0
<u>553 x 165 x 66</u>	65.7	524.7	165.1	8.9	11.4
<u>553 x 165 x 74</u>	74.7	529.1	165.9	9.7	13.6
<u>553 x 165 x 85</u>	84.8	534.9	166.5	10.3	16.5
<u>553 x 210 x 82</u>	82.2	528.3	208.8	9.6	13.2
<u>553 x 210 x 92</u>	92.1	533.1	209.3	10.1	15.6
<u>553 x 210 x 101</u>	101.0	536.7	210.0	10.8	17.4
<u>553 x 210 x 109</u>	109.0	539.5	210.8	11.6	18.8
<u>553 x 210 x 122</u>	122.0	544.5	211.9	12.7	21.3
<u>553 x 210 x 138</u>	138.3	549.1	213.9	14.7	23.6
<u>553 x 312 x 150</u>	150.6	542.5	312.0	12.7	20.3
<u>553 x 312 x 182</u>	181.5	550.7	314.5	15.2	24.4
<u>553 x 312 x 219</u>	218.8	560.3	317.4	18.3	29.2
<u>553 x 312 x 272</u>	273.3	577.1	320.2	21.1	37.6

Universal Beams

EN I0025 S355JR / J0

Please note: The underlined items are offered as mill rolling only.

Description	kg/m	Depth of section mm	Width of section mm	Thickness of web mm	Thickness of flange mm
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1
610 x 305 x 149	149.1	612.4	304.8	11.8	19.7
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7
610 x 178 x 82	81.8	598.6	177.9	10.0	12.8
610 x 178 x 92	92.2	603.0	178.8	10.9	15.0
610 x 178 x 100	100.3	607.4	179.2	11.3	17.2
<u>762 x 267 x 134</u>	133.9	750.0	264.4	12.0	15.5
<u>762 x 267 x 147</u>	146.9	754.0	265.2	12.8	17.5
<u>762 x 267 x 173</u>	173.0	762.2	266.7	14.3	21.6
<u>762 x 267 x 197</u>	196.8	769.8	268.0	15.6	25.4
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8
914 x 305 x 201	200.9	903.0	303.3	15.1	20.2
914 x 305 x 224	224.2	910.4	304.1	15.9	23.9
914 x 305 x 253	253.4	918.4	305.5	17.3	27.9
914 x 305 x 289	289.1	926.6	307.7	19.5	32.0
914 x 419 x 343	343.3	911.8	418.5	19.4	32.0
914 x 419 x 388	388.0	921.0	420.5	21.4	36.6
<u>1016 x 305 x 222</u>	222.0	970.3	300.0	16.0	21.1
<u>1016 x 305 x 249</u>	248.7	980.1	300.0	16.5	26.0
<u>1016 x 305 x 272</u>	272.3	990.1	300.0	16.5	31.0
<u>1016 x 305 x 314</u>	314.3	999.9	300.0	19.1	35.9
<u>1016 x 305 x 349</u>	349.4	1008.1	302.0	21.1	40.0
<u>1016 x 305 x 393</u>	392.7	1015.9	303.0	24.4	43.9
<u>1016 x 305 x 437</u>	437.0	1026.1	305.4	26.9	49.0
<u>1016 x 305 x 487</u>	486.7	1036.3	308.5	30.0	54.1

Universal Columns

EN10025 S355JR / J0

Please note: The underlined items are offered as mill rolling only.

Description	kg/m	Depth of section mm	Width of section mm	Thickness of web mm	Thickness of flange mm
152 x 152 x 23	23.0	152.4	152.2	5.8	6.8
152 x 152 x 30	30.0	157.6	152.2	6.5	9.4
152 x 152 x 37	37.0	161.8	154.4	8.0	11.5
<u>152 x 152 x 44</u>	44.0	166.0	155.9	9.5	13.6
<u>152 x 152 x 51</u>	44.0	166.0	155.9	9.5	13.6
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5
<u>203 x 203 x 100</u>	99.6	228.6	210.3	14.5	23.7
<u>203 x 203 x 113</u>	113.5	235.0	212.1	16.3	26.9
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3
254 x 254 x 107	107.1	266.7	258.3	12.8	20.5
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1

Description	kg/m	Depth of section mm	Width of section mm	Thickness of web mm	Thickness of flange mm
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8
356 x 368 x 202	201.9	374.6	374.7	16.5	27.0
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0

Channels

EN I0025 S275JR / S355JR

Description	kg/m		Width of section mm	Thickness of web mm	Thickness of flange mm
40 x 20 x 5	2.69	40	20	5.5	5.5
50 x 25 x 5	3.98	50	25	6.0	6.0
50 x 38 x 5	5.15	50	38	7.0	7.0
76 x 38 x 6.7	6.90	76	38	5.1	6.8
80 x 45 x 8.64	8.90	80	45	6.0	8.0
100 x 50 x 10	10.20	100	50	5.0	8.5
125 x 65 x 15	14.80	125	65	5.5	9.5
150 x 75 x 18	17.90	150	75	5.5	10.0
150 x 90 x 24	23.90	150	90	6.5	12.0
180 x 75 x 20	20.30	180	75	6.0	10.5
180 x 90 x 26	26.10	180	90	6.5	12.5
200 x 75 x 23	23.40	200	75	6.0	12.5
200 x 90 x 30	29.70	200	90	7.0	14.0
230 x 75 x 26	25.70	230	75	6.5	12.5
230 x 90 x 32	32.20	230	90	7.5	14.0
260 x 75 x 28	27.60	260	75	7.0	12.0
260 x 90 x 35	34.80	260	90	8.0	14.0
300 x 90 x 41	41.40	300	90	9.0	15.5
300 x 100 x 46	45.50	300	100	9.0	16.5
380 x 100 x 54	54.00	380	100	9.5	17.5
430 x 100 x 64	64.40	430	100	11.0	19.0

Unequal Angles

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
40 x 25 x 4	1.93	100 x 75 x 8	10.60
60 x 30 x 5	3.37	100 x 75 x 10	13.00
60 x 30 x 6	3.99	100 x 75 x 12	15.40
65 x 50 x 5	4.35	125 x 75 x 8	12.20
65 x 50 x 6	5.16	125 x 75 x 10	15.00
65 x 50 x 8	6.75	125 x 75 x 12	17.80
75 x 50 x 5	4.59	150 x 75 x 10	17.00
75 x 50 x 6	5.65	150 x 75 x 12	20.20
80 x 60 x 6	6.37	150 x 75 x 15	24.80
80 x 60 x 8	8.34	150 x 90 x 10	18.20
100 x 50 x 6	6.85	150 x 90 x 12	21.60
100 x 50 x 8	8.99	150 x 90 x 15	26.60
100 x 65 x 7	8.77	200 x 100 x 10	23.00
100 x 65 x 8	9.94	200 x 100 x 12	27.30
100 x 65 x 10	12.30	200 x 100 x 18	47.10
		200 x 150 x 12	32.00
		200 x 150 x 15	39.60
		200 x 150 x 18	47.10

Equal Angles

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
13 x 13 x 3	0.55	70 x 70 x 5	5.15
16 x 16 x 3	0.71	70 x 70 x 6	6.38
20 x 20 x 3	0.88	70 x 70 x 8	8.36
		70 x 70 x 9	9.89
25 x 25 x 3	1.12	70 x 70 x 10	10.31
25 x 25 x 5	1.78	75 x 75 x 6	6.87
		75 x 75 x 8	9.01
30 x 30 x 3	1.36	75 x 75 x 10	11.11
30 x 30 x 5	2.18	75 x 75 x 12	13.07
		80 x 80 x 6	7.34
35 x 35 x 5	2.59	80 x 80 x 8	9.63
35 x 35 x 6	3.05	80 x 80 x 10	11.90
		80 x 80 x 12	14.20
40 x 40 x 3	1.84	90 x 90 x 6	8.30
40 x 40 x 4	2.42	90 x 90 x 8	10.90
40 x 40 x 5	2.97	90 x 90 x 9	12.72
40 x 40 x 6	3.52	90 x 90 x 10	13.40
		90 x 90 x 12	15.90
45 x 45 x 3	2.11	100 x 100 x 8	12.20
45 x 45 x 5	3.38	100 x 100 x 10	15.00
45 x 45 x 6	4.01	100 x 100 x 12	17.80
		100 x 100 x 15	21.90
50 x 50 x 3	2.33	120 x 120 x 8	14.70
50 x 50 x 4	3.08	120 x 120 x 10	18.20
50 x 50 x 5	3.77	120 x 120 x 12	21.60
50 x 50 x 6	4.47	120 x 120 x 15	26.60
50 x 50 x 8	5.82	150 x 150 x 10	23.00
		150 x 150 x 12	27.30
60 x 60 x 5	4.57	150 x 150 x 15	33.80
60 x 60 x 6	5.42	150 x 150 x 18	40.10
60 x 60 x 7	6.25	200 x 200 x 12	36.74
60 x 60 x 8	7.09	200 x 200 x 16	48.50
60 x 60 x 10	8.69	200 x 200 x 18	54.20
		200 x 200 x 20	59.90
		200 x 200 x 24	71.10

Tee sections

EN10025 S275JR / S355JR

Size mm	kg/m
40 x 40 x 5	2.96
50 x 50 x 6	4.76

Black Rounds

EN10025 S275JR / S355JR

Size mm	kg/m
6	0.22
8	0.39
10	0.62
12	0.89
16	1.58
20	2.47
22	2.98
25	3.85
30	5.55
32	6.31
35	7.55
38	8.91
40	9.86
45	12.51
50	15.41
55	18.69
60	22.00
65	26.00
70	30.20
75	34.70
80	39.50
100	61.70
110	74.60

Size mm	kg/m
115	81.50
120	88.00
125	96.30
130	104.00
135	112.00
140	121.00
145	130.00
150	139.00

Black Squares

EN10025 S275JR / S355JR

Size mm	kg/m
10	0.79
12	1.13
16	2.01
20	3.14
22	3.80
25	4.91
30	7.07
32	7.90
35	9.62
38	11.38
40	12.60
45	15.90
50	19.62
55	23.70
60	28.40
65	33.16
70	39.10
75	44.20
80	50.20
85	56.70
90	63.60
100	78.50

Black Flats

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
13 x 3	0.33	30 x 3	0.75
13 x 5	0.51	30 x 5	1.18
16 x 3	0.39	30 x 6	1.41
16 x 5	0.63	30 x 8	1.88
20 x 3	0.49	30 x 10	2.36
20 x 5	0.79	30 x 12	2.83
20 x 6	0.94	30 x 15	3.53
20 x 8	1.26	30 x 20	4.71
20 x 10	1.57	30 x 25	5.89
20 x 12	1.88	40 x 3	0.95
25 x 3	0.63	40 x 5	1.57
25 x 5	0.98	40 x 6	1.88
25 x 6	1.18	40 x 8	2.51
25 x 8	1.57		
25 x 10	1.96		
25 x 12	2.36		
25 x 15	2.94		
25 x 20	3.92		

Black Flats (Continued)

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
40 x 10	3.14	65 x 6	3.06
40 x 12	3.77	65 x 8	4.08
40 x 15	4.71	65 x 10	5.11
40 x 20	6.28	65 x 12	6.12
50 x 3	1.25	65 x 15	7.65
50 x 5	1.96	65 x 20	10.21
50 x 6	2.36	65 x 25	12.76
50 x 8	3.14	70 x 3	1.65
50 x 10	3.93	70 x 5	2.76
50 x 12	4.72	70 x 6	3.31
50 x 15	5.89	70 x 8	4.39
50 x 20	7.85	70 x 10	5.49
50 x 25	9.81	70 x 12	6.59
50 x 30	11.78	70 x 15	8.24
60 x 6	2.83	70 x 20	10.99
60 x 8	3.77	70 x 25	13.74
60 x 10	4.71	75 x 6	3.55
60 x 12	5.65	75 x 8	4.71
60 x 15	7.07	75 x 10	5.89
60 x 20	9.42	75 x 12	7.05
60 x 25	11.78		
60 x 30	14.13		

Black Flats (Continued)

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
75 x 20	11.81	120 x 5	4.71
75 x 25	14.71	120 x 6	5.66
80 x 6	3.77	120 x 8	7.54
80 x 8	5.02	120 x 10	9.42
80 x 10	6.28	120 x 12	11.31
80 x 12	7.54	120 x 15	14.09
80 x 15	9.42	120 x 20	18.84
80 x 20	12.56	120 x 25	23.55
80 x 25	15.71	130 x 6	6.12
90 x 6	4.24	130 x 8	8.16
90 x 8	5.65	130 x 10	10.21
90 x 10	7.07	130 x 12	12.25
90 x 12	8.48	130 x 15	15.31
90 x 15	10.61	130 x 20	20.41
90 x 20	14.13	130 x 25	25.51
90 x 25	17.68		
100 x 3	2.36		
100 x 5	3.93		
100 x 6	4.71		
100 x 8	6.28		
100 x 10	7.85		
100 x 12	9.42		
100 x 15	11.78		
100 x 20	15.72		
100 x 25	19.63		
100 x 30	23.55		
110 x 5	4.32		
110 x 6	5.18		
110 x 8	6.91		
110 x 10	8.64		
110 x 12	10.41		
110 x 15	12.95		
110 x 20	17.27		
110 x 25	21.59		

Black Flats (Continued)

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
110 x 5	4.32	140 x 6	6.59
110 x 6	5.18	140 x 8	8.79
110 x 8	6.91	140 x 10	10.99
110 x 10	8.64	140 x 12	13.25
110 x 12	10.41	140 x 15	16.48
110 x 15	12.95	150 x 6	7.09
110 x 20	17.27	150 x 8	9.42
110 x 25	21.59	150 x 10	11.78
120 x 5	4.71	150 x 12	14.13
120 x 6	5.66	150 x 15	17.66
120 x 8	7.54	150 x 20	23.55
120 x 10	9.42	150 x 25	29.44
120 x 12	11.31	160 x 6	7.54
120 x 15	14.09	160 x 10	12.56
120 x 20	18.84	160 x 12	15.07
120 x 25	23.55	160 x 15	18.81
130 x 6	6.12	180 x 6	8.48
130 x 8	8.16	180 x 8	11.31
130 x 10	10.21	180 x 10	14.13
130 x 12	12.25		
130 x 15	15.31		
130 x 20	20.41		
130 x 25	25.51		

Black Flats (Continued)

EN10025 S275JR / S355JR

Size mm	kg/m	Size mm	kg/m
180 x 12	16.96	250 x 8	15.69
180 x 15	21.22	250 x 10	19.59
180 x 20	28.26	250 x 12	23.55
180 x 25	35.33	250 x 15	29.44
200 x 6	9.42	250 x 20	39.25
200 x 8	12.59	250 x 25	49.06
200 x 10	15.69	300 x 6	14.13
200 x 12	18.84	300 x 8	18.84
200 x 15	23.55	300 x 10	23.55
200 x 20	31.41	300 x 12	28.26
200 x 25	39.25	300 x 15	35.33
220 x 6	10.36	300 x 20	47.15
220 x 8	13.82	300 x 25	58.88
220 x 10	17.27	350 x 10	27.48
220 x 12	20.72	350 x 12	33.01
220 x 15	25.91	350 x 15	41.25
220 x 20	34.54	350 x 20	54.95
220 x 25	43.18	350 x 25	68.69
250 x 6	11.78	400 x 10	31.41
		400 x 12	37.68
		400 x 15	47.09
		400 x 20	62.81
		400 x 25	78.51

Square Edge Convex

EN10025-2 S275JR

Size mm	kg/m
51 x 12 x 6.4	4.17

Square Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/m	Size mm	kg/m
20 x 20 x 2.0	1.12	70 x 70 x 3.0	6.28
20 x 20 x 2.5	1.35	70 x 70 x 3.6	7.46
25 x 25 x 2.0	1.43	70 x 70 x 5.0	10.11
25 x 25 x 2.5	1.74	75 x 75 x 3.0	7.07
25 x 25 x 3.0	2.04		
		80 x 80 x 3.0	7.22
30 x 30 x 2.0	1.68	80 x 80 x 3.6	8.59
30 x 30 x 2.5	2.14	80 x 80 x 5.0	11.70
30 x 30 x 3.0	2.51	80 x 80 x 6.0	13.90
40 x 40 x 2.0	2.31		
40 x 40 x 2.5	2.92	90 x 90 x 3.0	8.01
40 x 40 x 3.0	3.45	90 x 90 x 3.6	9.72
40 x 40 x 4.0	4.46	90 x 90 x 5.0	13.30
		90 x 90 x 6.0	15.76
50 x 50 x 2.5	3.71		
50 x 50 x 3.0	4.39	100 x 100 x 3.0	8.96
50 x 50 x 4.0	5.72	100 x 100 x 4.0	12.00
50 x 50 x 5.0	6.97	100 x 100 x 5.0	14.80
60 x 60 x 3.0	5.34	120 x 60 x 3.6	9.72
60 x 60 x 4.0	6.97	120 x 60 x 5.0	13.30
60 x 60 x 5.0	8.54		
60 x 60 x 6.0	9.45	120 x 120 x 5.0	18.00
		120 x 120 x 6.0	21.30
		150 x 150 x 5.0	22.70
		150 x 150 x 6.0	27.00

Larger sizes are available in S355JR/J2
& Cold Formed EN10219-S355J2H

Square Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/m	Size mm	kg/m
50 x 50 x 4.0	5.72	120 x 120 x 5.0	18.00
50 x 50 x 5.0	6.97	120 x 120 x 6.0	21.30
60 x 60 x 3.0	5.34	120 x 120 x 8.0	27.90
60 x 60 x 4.0	6.97	120 x 120 x 10.0	34.20
60 x 60 x 5.0	8.54	140 x 140 x 5.0	21.10
60 x 60 x 6.0	9.45	140 x 140 x 8.0	32.90
70 x 70 x 3.0	6.28	150 x 150 x 5.0	22.70
70 x 70 x 3.6	7.46	150 x 150 x 6.0	27.00
70 x 70 x 5.0	10.11	150 x 150 x 8.0	35.40
80 x 80 x 3.0	7.22	150 x 150 x 10.0	43.60
80 x 80 x 3.6	8.59	180 x 180 x 5.0	27.40
80 x 80 x 5.0	11.70	180 x 180 x 6.0	34.20
80 x 80 x 6.0	13.90	180 x 180 x 8.0	43.00
90 x 90 x 5.0	13.30	180 x 180 x 10.0	53.00
90 x 90 x 6.0	15.76	200 x 200 x 5.0	30.50
100 x 100 x 4.0	12.00	200 x 200 x 6.0	38.20
100 x 100 x 5.0	14.80	200 x 200 x 8.0	48.00
100 x 100 x 6.0	17.60	200 x 200 x 10.0	59.30
100 x 100 x 8.0	22.90	250 x 250 x 6.0	48.10
100 x 100 x 10	27.90	250 x 250 x 8.0	60.50
		250 x 250 x 10.0	75.00
		300 x 200 x 6.0	48.10
		300 x 200 x 8.0	60.50
		300 x 200 x 10.0	75.00
		300 x 300 x 8.0	73.10
		300 x 300 x 10.0	90.70

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Circular Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/m	Size mm	kg/m
21.3 x 3.0	1.43	76.1 x 2.5	4.54
26.9 x 2.5	1.50	76.1 x 3.0	5.41
26.9 x 3.0	1.87	76.1 x 3.63	6.44
33.7 x 2.0	1.56	76.1 x 4.0	7.11
33.7 x 2.5	1.92	76.1 x 5.0	8.77
33.7 x 3.0	2.27		
33.7 x 4.0	2.93	88.9 x 3.0	6.36
42.4 x 2.5	2.46	88.9 x 4.0	8.38
42.4 x 3.0	2.91	88.9 x 5.0	10.30
42.4 x 3.6	3.44		
42.4 x 4.0	3.79	114.3 x 3.0	8.23
48.3 x 2.5	2.82	114.3 x 3.6	9.83
48.3 x 3.0	3.35	114.3 x 4.0	10.90
48.3 x 3.6	3.97		
48.3 x 4.0	4.37	114.3 x 4.5	12.19
60.3 x 2.5	3.56	114.3 x 5.0	13.50
60.3 x 3.0	4.24	114.3 x 6.0	16.80
60.3 x 3.6	5.75		
60.3 x 4.0	5.55		

**Larger sizes are available in S355JR/J2
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Circular Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/m	Size mm	kg/m	Size mm	kg/m
48.3 x 2.5	2.82	139.7 x 5.0	16.60	244.5 x 6.0	37.00
48.3 x 3.0	3.35	139.7 x 6.0	20.70	244.5 x 8.0	46.70
48.3 x 3.6	3.97	139.7 x 8.0	26.00	244.5 x 10.0	57.80
48.3 x 4.0	4.37	139.7 x 10.0	32.00		
60.3 x 3.0	4.24	168.3 x 5.0	20.10	273.0 x 6.0	41.40
60.3 x 3.6	5.75	168.3 x 6.0	25.20	273.0 x 8.0	52.30
60.3 x 4.0	5.55	168.3 x 8.0	31.60	273.0 x 10.0	64.90
		168.3 x 10.0	39.00	273.0 x 12.5	80.30
76.1 x 3.0	5.41			323.9 x 6.0	49.30
76.1 x 4.0	7.11	193.7 x 5.0	23.30	323.9 x 8.0	62.30
76.1 x 5.0	8.77	193.7 x 6.0	29.10	323.9 x 10.0	77.40
		193.7 x 8.0	36.60	323.9 x 12.5	96.00
88.9 x 3.0	6.36	193.7 x 10.0	45.30		
88.9 x 4.0	8.38				
88.9 x 5.0	10.30	219.1 x 5.0	26.40		
		219.1 x 6.0	33.10		
114.3 x 3.0	8.23	219.1 x 8.0	41.60		
114.3 x 3.6	9.83	219.1 x 10.0	51.60		
114.3 x 4.0	10.90	219.1 x 12.5	63.70		
114.3 x 5.0	13.50				
114.3 x 6.0	16.80				

Larger sizes are available in S355JR/J2 &
Cold Formed EN10219-S355J2H

Rectangular Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/ m	Size mm	kg/m
40 x 20 x 2.0	1.68		
40 x 25 x 1.5	1.44	90 x 50 x 3.0	6.28
40 x 25 x 2.0	1.89	90 x 50 x 3.6	7.46
50 x 25 x 2.0	2.21	90 x 50 x 5.0	10.11
50 x 25 x 2.5	2.72	100 x 50 x 2.5	5.63
50 x 25 x 3.0	3.22	100 x 50 x 3.0	6.75
50 x 30 x 2.5	2.92	100 x 50 x 4.0	8.86
50 x 30 x 3.0	3.45	100 x 50 x 5.0	10.90
		100 x 60 x 3.0	7.22
60 x 30 x 3.0	3.77	100 x 60 x 3.6	8.59
		100 x 60 x 5.0	11.70
60 x 40 x 2.5	3.71	120 x 80 x 2.5	7.65
60 x 40 x 3.0	4.39	120 x 80 x 3.0	9.03
60 x 40 x 4.0	5.72	120 x 80 x 4.0	12.00
80 x 40 x 2.5	4.26	120 x 80 x 5.0	14.80
80 x 40 x 3.0	5.34		
80 x 40 x 4.0	6.97	200 x 100 x 5.0	22.7
80 x 40 x 5.0	8.54	200 x 100 x 6.0	27.00

Larger sizes are available in S355JR/J2
& Cold Formed EN10219-S355J2H

Rectangular Hollow Section - Cold Formed Welded EN10219 S235JRH

Size mm	kg/m
50 x 30 x 3.0	3.45
60 x 40 x 3.0	4.39
60 x 40 x 4.0	5.72
80 x 40 x 3.0	5.34
80 x 40 x 4.0	6.97
80 x 40 x 5.0	8.54
100 x 50 x 3.0	6.75
100 x 50 x 4.0	8.86
100 x 50 x 5.0	10.90
120 x 80 x 5.0	14.80
120 x 80 x 6.0	17.60
120 x 80 x 8.0	22.9
150 x 100 x 5.0	18.70
150 x 100 x 6.0	22.30
150 x 100 x 8.0	29.10
150 x 100 x 10.0	35.70

Size mm	kg/m
160 x 80 x 5.0	18.00
160 x 80 x 6.0	21.30
160 x 80 x 8.0	27.90
200 x 100 x 5.0	22.70
200 x 100 x 6.0	27.00
200 x 100 x 8.0	35.4
200 x 100 x 10.0	43.60
250 x 150 x 5.0	30.5
250 x 150 x 6.0	38.2
250 x 150 x 8.0	48.0
250 x 150 x 10	59.3
300 x 200 x 6.0	48.10
300 x 200 x 8.0	60.50
300 x 200 x 10.0	75.00
400 x 200 x 8.0	73.10
400 x 200 x 10.0	90.70

Larger sizes are available in S355JR/J2
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Square Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m
40 x 40 x 4.0	4.46
40 x 40 x 5.0	5.40
50 x 50 x 3.2	4.66
50 x 50 x 4.0	5.72
50 x 50 x 5.0	6.97
50 x 50 x 6.3	8.49
60 x 60 x 3.2	5.67
60 x 60 x 4.0	6.97
60 x 60 x 5.0	8.54
60 x 60 x 6.3	10.50
60 x 60 x 8.0	12.80

Size mm	kg/m
70 x 70 x 3.6	7.46
70 x 70 x 5.0	10.10
70 x 70 x 6.3	12.50
70 x 70 x 8.0	15.30
80 x 80 x 3.0	7.22
80 x 80 x 3.6	8.59
80 x 80 x 4.0	9.41
80 x 80 x 5.0	11.70
80 x 80 x 6.3	14.40
80 x 80 x 8.0	17.80
80 x 80 x 10.0	21.14

Square Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
180 x 180 x 5.0	27.40	350 x 350 x 8.0	85.70
180 x 180 x 6.3	34.20	350 x 350 x 10.0	106.00
180 x 180 x 8.0	43.00	350 x 350 x 12.5	132.00
180 x 180 x 10.0	53.00	350 x 350 x 16.0	167.00
180 x 180 x 12.5	65.20		
180 x 180 x 16.0	81.40	400 x 400 x 8.0	98.00
		400 x 400 x 10.0	122.00
200 x 200 x 5.0	30.50	400 x 400 x 12.5	152.00
200 x 200 x 6.3	38.20	400 x 400 x 16.0	192.00
200 x 200 x 8.0	48.00	400 x 400 x 20.0	237.00
200 x 200 x 10.0	59.30		
200 x 200 x 12.5	73.00		
200 x 200 x 16.0	91.50		
250 x 250 x 6.3	48.10		
250 x 250 x 8.0	60.50		
250 x 250 x 10.0	75.00		
250 x 250 x 12.5	92.60		
250 x 250 x 16.0	117.0		
300 x 300 x 6.3	57.90		
300 x 300 x 8.0	73.10		
300 x 300 x 10.0	90.70		
300 x 300 x 12.5	112.00		
300 x 300 x 16.0	142.00		

Square Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m
90 x 90 x 3.6	9.72
90 x 90 x 5.0	13.30
90 x 90 x 6.3	16.40
90 x 90 x 8.0	20.40
100 x 100 x 4.0	12.00
100 x 100 x 5.0	14.80
100 x 100 x 6.3	18.40
100 x 100 x 8.0	22.90
100 x 100 x 10.0	27.90
100 x 100 x 12.5	33.00
120 x 120 x 4.0	14.40
120 x 120 x 5.0	18.00
120 x 120 x 6.3	22.30
120 x 120 x 8.0	27.90
120 x 120 x 10.0	34.20
120 x 120 x 12.5	41.60

Size mm	kg/m
140 x 140 x 5.0	21.10
140 x 140 x 6.3	26.30
140 x 140 x 8.0	32.90
140 x 140 x 10.0	40.40
140 x 140 x 12.5	49.50
150 x 150 x 5.0	22.70
150 x 150 x 6.3	28.30
150 x 150 x 8.0	35.40
150 x 150 x 10.0	43.60
150 x 150 x 12.5	53.40
150 x 150 x 16.0	65.17
160 x 160 x 5.0	24.20
160 x 160 x 6.3	30.30
160 x 160 x 8.0	37.90
160 x 160 x 10.0	46.70
160 x 160 x 12.5	57.30
160 x 160 x 16.0	70.20

Rectangular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
50 x 30 x 3.2	3.66	80 x 40 x 3.2	5.62
50 x 30 x 4.0	4.46	80 x 40 x 4.0	6.90
60 x 40 x 3.2	4.66	80 x 40 x 5.0	8.42
60 x 40 x 4.0	5.72	80 x 40 x 6.3	10.30
60 x 40 x 5.0	6.97	80 x 40 x 8.0	12.50
60 x 40 x 6.3	8.49	90 x 50 x 3.6	7.46
		90 x 50 x 5.0	10.10
		90 x 50 x 6.3	12.50
		90 x 50 x 8.0	15.30
		100 x 50 x 3.2	7.18
		100 x 50 x 4.0	8.86

Rectangular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
100 x 50 x 5.0	10.90	160 x 80 x 4.0	14.40
100 x 50 x 6.3	13.40	160 x 80 x 5.0	18.00
100 x 50 x 8.0	16.60	160 x 80 x 6.3	22.30
100 x 50 x 10.0	19.57	160 x 80 x 8.0	27.90
100 x 60 x 3.6	8.59	160 x 80 x 10.0	34.20
100 x 60 x 5.0	11.70	160 x 80 x 12.5	41.60
100 x 60 x 6.3	14.40	180 x 100 x 10	39.98
100 x 60 x 8.0	17.80	200 x 100 x 5.0	22.70
100 x 60 x 10.0	21.14	200 x 100 x 6.3	28.30
100 x 80 x 10.0	24.28	200 x 100 x 8.0	35.40
120 x 60 x 3.6	9.72	200 x 100 x 10.0	43.60
120 x 60 x 5.0	13.30	200 x 100 x 12.5	53.40
120 x 60 x 6.3	16.40	200 x 100 x 16.0	65.17
120 x 60 x 8.0	20.40	200 x 120 x 5.0	24.20
120 x 60 x 10.0	24.30	200 x 120 x 6.3	30.30
120 x 80 x 5.0	14.80	200 x 120 x 8.0	37.90
120 x 80 x 6.3	18.40	200 x 120 x 10.0	46.70
120 x 80 x 8.0	22.90	200 x 120 x 12.5	57.30
120 x 80 x 10.0	27.90		
120 x 80 x 12.5	33.00		
150 x 100 x 4.0	15.10		
150 x 100 x 5.0	18.70		
150 x 100 x 6.3	23.30		
150 x 100 x 8.0	29.10		
150 x 100 x 10.0	35.70		
150 x 100 x 12.5	43.60		

Rectangular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
200 x 150 x 5.0	26.50	300 x 100 x 5.0	30.40
200 x 150 x 6.3	33.00	300 x 100 x 6.3	38.00
200 x 150 x 8.0	41.40	300 x 100 x 8.0	47.40
200 x 150 x 10.0	51.00	300 x 100 x 10.0	58.80
200 x 150 x 12.5	62.50	300 x 100 x 12.5	72.30
250 x 100 x 5.0	26.50		
250 x 100 x 6.3	33.00	300 x 150 x 5.0	38.30
250 x 100 x 8.0	41.40	300 x 150 x 6.3	42.93
250 x 100 x 10.0	51.00	300 x 150 x 8.0	53.98
250 x 100 x 12.5	62.50	300 x 150 x 10.0	66.70
		300 x 150 x 12.5	82.10
250 x 150 x 5.0	30.50		
250 x 150 x 6.3	38.20		
250 x 150 x 8.0	48.00		
250 x 150 x 10.0	59.30		
250 x 150 x 12.5	73.00		
250 x 150 x 16.0	91.50		

Rectangular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
300 x 200 x 5.0	38.30	400 x 200 x 6.3	57.80
300 x 200 x 6.3	48.10	400 x 200 x 8.0	73.10
300 x 200 x 8.0	60.50	400 x 200 x 10.0	90.70
300 x 200 x 10.0	75.00	400 x 200 x 12.5	112.00
300 x 200 x 12.5	92.60	400 x 200 x 16.0	142.00
300 x 200 x 16.0	117.00		
350 x 150 x 6.3	47.90	400 x 300 x 8.0	85.40
350 x 150 x 8.0	60.30	400 x 300 x 10.0	106.00
350 x 150 x 10.0	74.50	400 x 300 x 12.5	131.00
350 x 150 x 12.5	91.90	400 x 300 x 16.0	166.00
350 x 250 x 6.3	57.80		
350 x 250 x 8.0	72.80	450 x 250 x 8.0	85.70
350 x 250 x 10.0	90.20	450 x 250 x 10.0	106.00
350 x 250 x 12.5	112.00	450 x 250 x 12.5	132.00
350 x 250 x 16.0	141.00	450 x 250 x 16.0	167.00
400 x 100 x 10.0	74.50		
400 x 100 x 12.5	91.90	500 x 200 x 8.0	85.70
		500 x 200 x 10.0	106.00
		500 x 200 x 12.5	132.00
		500 x 200 x 16.0	167.00
		500 x 300 x 8.0	98.00
		500 x 300 x 10.0	122.00
		500 x 300 x 12.5	152.00
		500 x 300 x 16.0	192.00
		500 x 300 x 20.0	237.00

Circular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
26.9 x 3.2	1.87	101.6 x 6.3	14.81
33.7 x 3.2	2.41	114.3 x 3.6	9.83
33.7 x 4.0	2.93	114.3 x 4.0	10.88
42.4 x 3.2	3.09	114.3 x 5.0	13.50
42.4 x 4.0	3.79	114.3 x 6.3	16.80
48.3 x 3.2	3.56	114.3 x 8.0	20.97
48.3 x 4.0	4.37	114.3 x 10.0	25.72
48.3 x 5.0	5.34		
60.3 x 3.2	4.51		
60.3 x 4.0	5.55		
60.3 x 5.0	6.82		
76.1 x 3.2	5.75		
76.1 x 4.0	7.11		
76.1 x 5.0	8.77		
76.1 x 10.0	16.30		
88.9 x 3.2	6.76		
88.9 x 4.0	8.38		
88.9 x 5.0	10.30		
88.9 x 6.3	12.80		

Circular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m	Size mm	kg/m
114.3 x 8.0	20.97	219.1 x 6.3	33.10
114.3 x 10.0	25.72	219.1 x 8.0	41.60
139.7 x 5.0	16.60	219.1 x 10.0	51.60
139.7 x 6.3	20.70	219.1 x 12.5	63.70
139.7 x 8.0	26.00	219.1 x 16.0	80.10
139.7 x 10.0	32.00	244.5 x 5.0	29.50
168.3 x 5.0	20.10	244.5 x 6.3	37.00
168.3 x 6.3	25.20	244.5 x 8.0	46.70
168.3 x 8.0	31.60	244.5 x 10.0	57.80
168.3 x 10.0	39.00	244.5 x 12.5	71.50
168.3 x 12.5	48.00	244.5 x 16.0	90.20
193.7 x 5.0	23.30	273.0 x 5.0	33.00
193.7 x 6.3	29.10	273.0 x 6.3	41.40
193.7 x 8.0	36.60	273.0 x 8.0	52.30
193.7 x 10.0	45.30		
193.7 x 12.5	55.90		
219.1 x 5.0	26.40		

Circular Hollow Section - Hot Finished Welded EN10210 S355 J2H

Size mm	kg/m
273.0 x 10.0	64.90
273.0 x 12.5	80.30
273.0 x 16.0	101.00
323.9 x 5.0	39.30
323.9 x 6.3	49.30
323.9 x 8.0	62.30
323.9 x 10.0	77.40
323.0 x 12.5	96.00
323.0 x 16.0	121.00
355.6 x 6.3	54.30
355.6 x 8.0	68.60
355.6 x 10.0	85.20
355.6 x 12.5	106.00
355.6 x 16.0	134.00
406.4 x 6.3	62.30
406.4 x 8.0	78.60
406.4 x 10.0	97.80
406.4 x 12.5	121.00
406.4 x 16.0	174.00
457.0 x 10.0	110.00
457.0 x 12.5	137.00
457.0 x 16.0	154.00
508.0 x 10.0	123.00
508.0 x 12.5	153.00
508.0 x 16.0	194.00
508.0 x 20.0	241.00

STEEL SHEET

- Hot Rolled, S275, S355, S235 etc.
- Cold Reduced.
- Galvanised.
- Zintec.
- Floorplate.

Hot Rolled: From S275 to S355, and S235 - we have a wide range of hot-rolled options to suit your structural requirements.

Cold Reduced: for applications that demand a superior finish and precise dimensions.

Galvanised: For added protection against corrosion, our galvanised steel ensures longevity and durability in various environments.

Zintec: Zintec-coated steel, perfect for applications where a smooth, clean surface is a must.

Floorplate: Designed for strength and slip resistance, offers stability and safety in demanding environments.

At Phoenix Steel your steel needs are met with meticulous attention to detail, our advanced decoiling lines are ready to take on any challenge, offering a comprehensive spectrum of coil capabilities.

From the thinnest 0.5mm sheet to the robust 15mm thickness, and extending up to an impressive 2000mm width, our offerings cover the full spectrum.

But that's not all - when it comes to thinner materials, we take it up a notch. Our unique expertise allows us to deliver "panel flat" sheets that are tailor-made for the CNC and Laser industry. Precision is paramount, and we're equipped to provide sheets that meet the exacting demands of precision industries.

Get in touch with us to explore the variety of widths and lengths available across our range of steel sheets.

COR-TEN

*High strength, low alloy, weldable structural steel.
Steel that protects itself.*

Cor-ten is a high strength, low alloy, weldable structural steel possessing excellent weathering resistance. It may be used to advantage in painted or unpainted condition. The steel owes its weathering resistance to the formation of a protective oxide coating which seals the surface against further corrosion. The coating is of a dark brown appearance and if chipped or damaged, repairs itself to give continuity of protection and appearance.

Cor-ten is recommended for use where high structural strength is needed and where maintenance is difficult. With mechanical properties similar to conventional steels, Cor-ten can be used to construct lighter structures utilizing well-established design practices but with the advantage of improved weathering properties.

- Develops its own protective film which slows the rate of corrosion.
- Saves the cost of initial painting and the maintenance costs of repainting.
- Gives corrosion protection to unpainted areas which have been damaged. Painted areas which have been damaged will weather to form a protective film; this will extend to the edges of those areas and reduce under-paint corrosion 'creep'.

Literature provides more detailed information about the properties and applications of Cor-ten and technical guidance on welding, galvanizing, cold bending, and fabrication is available on request.

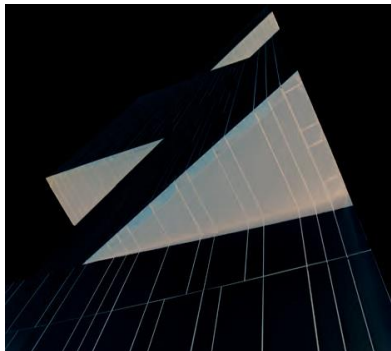
Available from:

0.8mm - 40mm thick

3.0mm - 40mm Material is dual certified to S355J2W & Cor-ten

Typical applications

Bridges, tanks and containers, exhaust systems, rail and road vehicles, windshields on chimneys, power station precipitators, rainscreen cladding, garden edging, firepits and art sculptures. The trademark Cor-ten is used under license from the USX Corporation, USA.



Electrical Resistance Welded Tube (ERW) Circular EN10305:2010 PART 3 E220

Product Size	kg/m	Product Size	kg/m
12.7 x 0.9	0.262	22.2 x 1.5	0.770
12.7 x 1.2	0.341	22.2 x 2	1.001
12.7 x 1.5	0.414	22.2 x 2.5	1.220
12.7 x 2	0.528	25 x 1.5	0.869
15 x 1.5	0.499	25 x 2	1.13
15.9 x 0.9	0.329	25.4 x 0.9	0.544
15.9 x 1.2	0.430	25.4 x 1.2	0.716
15.9 x 1.5	0.528	25.4 x 1.5	0.884
15.9 x 2	0.693		
16 x 2	0.691	25.4 x 1.6 True	0.939
18 x 1	0.419	25.4 x 2	1.154
18 x 2	0.789	25.4 x 2.5	1.412
19.05 x 0.9	0.401	25.4 x 3.2	1.776
19.05 x 1.02	0.444	28.6 x 1.2	0.811
19.05 x 1.2	0.527	28.6 x 1.5	1.003
19.05 x 1.5	0.647	28.6 x 2	1.313
19.05 x 2	0.687	30 x 1.5	1.050
19.05 x 2.5	0.838	30 x 2	1.380
20 x 1.2	1.018	31.8 x 1.2	0.904
20 x 1.5	0.556	31.8 x 1.5	1.117
20 x 2	0.684	31.8 x 2	1.465
22.2 x 1	0.888	31.8 x 2.5	1.795
22.2 x 1.2	0.525	31.8 x 3.2	2.300
		34.9 x 1.2	1.000
		34.9 x 1.5	1.240
		34.9 x 2	1.630
		35 x 2	1.630
		38.1 x 1.2	1.090
		38.1 x 1.5	1.354
		38.1 x 2	1.781
		38.1 x 2.5	2.195
		38.1 x 3.2	2.771

Electrical Resistance Welded Tube (ERW) Circular EN10305:2010 PART 3 E220

Product Size	kg/m
40 x 1.5	1.424
40 x 2	1.874
41.3 x 1.2	1.178
41.3 x 1.5	1.462
44.5 x 1.2	1.282
44.5 x 1.5	1.591
44.5 x 2	2.097
44.5 x 3.2	3.284
48 x 2	2.270
50 x 1.5	1.790
50 x 2	2.370
50.8 x 1.2	1.470
50.8 x 1.5	1.824
50.8 x 2	2.410
50.8 x 2.5	2.980
50.8 x 3.2	3.787
57.1 x 1.5	2.050
60 x 2	2.860
60 x 3	4.220
63.5 x 1.5	2.293
63.5 x 2	3.032
63.5 x 3.2	4.793
70 x 1.5	2.530
76.1 x 1.5	2.760
76.1 x 2	3.652
76.1 x 3.2	5.788
101.6 x 1.5	3.700
101.6 x 3	7.29
101.6 x 3.6	8.808
127 x 2	6.170
127 x 3.2	9.811
152.4 x 3	10.700

Electrical Resistance Welded Tube (ERW) Square & Rectangles EN10305:2010 PART 3 E220

Product Size	kg/m
25 x 12 x 1.5	0.695
30 x 15 x 1.5	0.869
31.8 x 15.8 x 1.5	0.914
40 x 20 x 1.5	1.16
40 x 20 x 2	1.52
50 x 25 x 1.5	1.49
60 x 30 x 1.5	1.79
60 x 30 x 2	2.37

Electrical Resistance Welded Tube (ERW) Square & Rectangles EN10305:2010 PART 3 E220

Product Size	kg/m	Product Size	kg/m
12.7 x 12.7 x 1.2	0.438	25.4 x 12.7 x 1.2	0.675
12.7 x 12.7 x 1.5	0.536	25.4 x 12.7 x 1.5	0.832
15.9 x 15.9 x 1.2	0.556	25 x 15 x 2	0.967
15.9 x 15.9 x 1.5	0.684	25 x 15 x 1.5	0.869
15.9 x 15.9 x 2	0.888	25 x 25 x 1.5	1.120
		25 x 25 x 2	1.480
16 x 16 x 1.5	0.684	25.4 x 12.7 x 1.2	0.832
19.05 x 19.05 x 1.2	0.675	25.4 x 12.7 x 1.5	0.912
19.05 x 19.05 x 1.5	0.832	25.4 x 25.4 x 1.2	0.912
19.05 x 19.05 x 2	1.080	25.4 x 25.4 x 1.5	1.122
20 x 10 x 1.5	0.647	25.4 x 25.4 x 2	1.480
20 x 20 x 1.5	0.869	25.4 x 25.4 x 2.5	1.810
20 x 20 x 2	1.130	28.6 x 28.6 x 1.2	1.030
22 x 22 x 1.2	0.793	28.6 x 28.6 x 1.5	1.264
22.2 x 22.2 x 1.2	0.793	30 x 10 x 1.5	0.869
22.2 x 22.2 x 1.5	0.980	30 x 15 x 1.5	0.980
22.2 x 22.2 x 2	1.280		
25 x 10 x 1.5	0.758		

Electrical Resistance Welded Tube (ERW) Square & Rectangles EN10305:2010 PART 3 E220

Product Size	kg/m	Product Size	kg/m
30 x 20 x 1.2	0.894	40 x 10 x 1.5	1.120
30 x 20 x 1.5	1.120	40 x 15 x 1.5	1.240
30 x 20 x 2	1.480	40 x 20 x 1.2	1.090
30 x 30 x 1.2	1.083	40 x 20 x 1.5	1.350
30 x 30 x 1.5	1.350	40 x 20 x 2	1.780
30 x 30 x 2	1.780	40 x 20 x 3	2.390
30 x 30 x 2.5	2.148	40 x 25 x 1.2	1.177
31.8 x 31.8 x 1.2	1.150	40 x 25 x 2	1.909
31.8 x 31.8 x 1.5	1.420	40 x 40 x 1.5	1.790
31.8 x 31.8 x 2	1.870	40 x 40 x 2	2.370
34.9 x 15.9 x 1.2	0.912	40 x 40 x 2.5	2.930
34.9 x 15.9 x 1.5	1.120	45 x 15 x 1.5	1.350
35 x 25 x 1.5	1.350	45 x 45 x 2	2.710
35 x 35 x 2	2.120		
38.1 x 12.7 x 1.5	1.130		
38.1 x 19.05 x 1.2	1.030		
38.1 x 19.05 x 1.5	1.270		
38.1 x 19.05 x 2	1.670		
38.1 x 38.1 x 1.2	1.39		
38.1 x 38.1 x 1.5	1.72		
38.1 x 38.1 x 2	2.27		
38.1 x 38.1 x 2.5	2.78		

Electrical Resistance Welded Tube (ERW) Square & Rectangles EN10305:2010 PART 3 E220

Product Size	kg/m
50 x 20 x 1.5	1.574
50 x 20 x 2	2.066
50 x 25 x 1.5	1.720
50 x 25 x 2	2.270
50 x 25 x 3	3.098
50 x 30 x 1.5	1.790
50 x 30 x 2	2.370
50 x 40 x 2	2.066
50 x 50 x 1.5	2.270
50 x 50 x 2	3.010
50 x 50 x 3	4.276
50.8 x 25.4 x 1.2	1.380
50.8 x 25.4 x 1.5	1.720
50.8 x 25.4 x 2	2.770
50.8 x 50.8 x 1.5	2.270
50.8 x 50.8 x 2	3.010
50.8 x 50.8 x 3.2	4.650
60 x 20 x 1.5	1.790
60 x 20 x 2	2.370
60 x 30 x 1.5	2.050
60 x 30 x 2	2.710
60 x 30 x 2.5	3.360
60 x 40 x 1.5	2.281
60 x 40 x 2	3.010
60 x 40 x 2.5	3.730
60 x 60 x 2	3.643
60 x 60 x 2.5	4.532

Product Size	kg/m
63.5 x 38.1 x 1.5	2.350
70 x 70 x 2	4.270
75 x 25 x 1.5	2.160
75 x 25 x 3	4.476
80 x 40 x 2	3.500
80 x 30 x 2.5	4.160
80 x 80 x 2	4.288
100 x 30 x 2	5.690
100 x 30 x 2.5	4.900
100 x 30 x 3	5.690
100 x 40 x 2	4.270
100 x 50 x 2	4.580
100 x 100 x 2	6.150
110 x 30 x 2.5	5.288

*** Please Note*** The sizes listed in this book are intended for guidance purposes only. To verify availability, please contact us directly.

T: 0191 428 1999

E: sales@phoenixsteel.co.uk

Electrical Resistance Welded Tube (ERW) Square & Rectangles EN10305:2010 PART 3 E220

Size mm	kg/m
20 x 10 x 1.5	0.536
25 x 12 x 1.5	0.695
30 x 15 x 1.5	0.869
31.8 x 15.9 x 1.5	0.900
31.8 x 15.9 x 2	1.190
35 x 15 x 2	1.283
35 x 20 x 1.5	1.054
35 x 20 x 2	1.381
38 x 20 x 1.22	0.912
40 x 20 x 1.5	1.160
40 x 20 x 2	1.520
40 x 25 x 2	1.629
50 x 20 x 2	1.875
50 x 25 x 1.5	1.490
60 x 30 x 2	2.370
60 x 30 x 2.5	2.930

Tubes, BS1387

Normal Bore		kg/m	Outside Dia.				Thickness	
			Max		Min			
in	mm		in	mm	in	mm	in	mm
1/2	15	0.947	0.843	21.4	0.827	21.0	0.079	2.0
3/4	20	1.38	1.059	26.9	1.039	26.4	0.091	2.3
1	25	1.98	1.331	33.8	1.307	33.2	0.102	2.6
1 1/4	32	2.54	1.673	42.5	1.650	41.9	0.102	2.6
1 1/2	40	3.23	1.906	48.4	1.882	47.8	0.114	2.9
2	50	4.08	2.370	60.2	2.346	59.6	0.114	2.9
2 1/2	65	5.71	2.992	76.0	2.961	75.2	0.126	3.2
3	80	6.72	3.492	88.7	3.461	87.9	0.126	3.2
4	100	9.75	4.484	113.9	4.449	113.0	0.142	3.6

Medium

Normal Bore		kg/m	Outside Dia.				Thickness	
			Max		Min			
in	mm		in	mm	in	mm	in	mm
1/4	8	0.641	0.547	13.9	0.524	13.3	0.091	2.3
3/8	10	0.839	0.685	17.4	0.661	16.8	0.091	2.3
1/2	15	1.21	0.854	21.7	0.831	21.1	0.102	2.6
3/4	20	1.56	1.071	27.2	1.047	26.6	0.102	2.6
1	25	2.41	1.346	34.2	1.315	33.4	0.126	3.2

Tubes, BS1387

1 ¹ / ₄	32	3.10	1.689	42.9	1.657	42.1	0.126	3.2
1 ¹ / ₂	40	3.57	1.921	48.8	1.890	48.0	0.126	3.2
2	50	5.03	2.394	60.8	2.354	59.8	0.142	3.6
2 ¹ / ₂	65	6.43	3.016	76.6	2.968	75.4	0.142	3.6
3	80	8.37	3.524	89.5	3.468	88.1	0.157	4.0
4	100	12.2	4.524	114.9	4.461	113.3	0.177	4.5
5	125	16.6	5.535	140.6	5.461	138.7	0.197	5.0
6	150	19.7	6.539	166.1	6.461	164.1	0.197	5.0

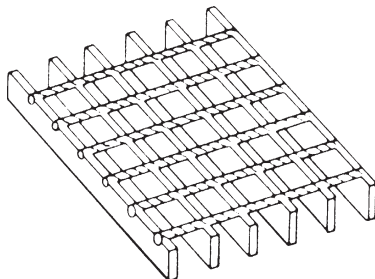
Heavy

Normal Bore		kg/m	Outside Dia.				Thickness	
in	mm		Max		Min		in	mm
			in	mm	in	mm		
1 ¹ / ₂	15	1.44	0.854	21.7	0.831	21.1	0.126	3.2
3 ⁴ / ₄	20	1.87	1.071	27.2	1.047	26.6	0.126	3.2
1	25	2.94	1.346	34.2	1.315	33.4	0.157	4.0
1 ¹ / ₄	32	3.80	1.689	42.9	1.657	42.1	0.157	4.0
1 ¹ / ₂	40	4.38	1.921	48.8	1.890	48.0	0.157	4.0
2	50	6.19	2.394	60.8	2.354	59.8	0.177	4.5
2 ¹ / ₂	65	7.93	3.016	76.6	2.968	75.4	0.177	4.5
3	80	10.3	3.524	89.5	3.468	88.1	0.197	5.0
4	100	14.5	4.524	114.9	4.461	113.3	0.213	5.4
5	125	17.9	4.118	104.6	5.461	138.7	0.213	5.4
6	150	21.3	6.539	166.1	6.461	164.1	0.213	5.4

Flooring -
Self Colour & Galvanised
Standard Panel Sizes = 6000mm x 1000mm

Section mm	Type			
	41/100 kg/m	41/50 kg/m	30/100 kg/m	30/50 kg/m
20 x 3	13.44	15.25	17.70	19.50
25 x 3	16.39	18.19	21.64	23.44
30 x 3	19.34	21.14	25.73	27.54
40 x 3	25.25	27.05	33.61	35.40
20 x 5	21.31	23.11	28.36	30.16
25 x 5	26.22	28.03	35.08	36.88
30 x 5	31.15	32.95	41.63	43.44
35 x 5	36.06	37.87	48.36	50.16
40 x 5	40.98	42.78	55.08	56.88
45 x 5	45.90	47.70	61.64	63.44
50 x 5	50.82	52.62	68.36	70.16
55 x 5	55.74	57.37	75.08	76.88
60 x 5	60.65	62.29	81.63	83.44

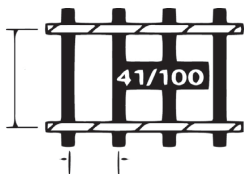
All other types available upon request.



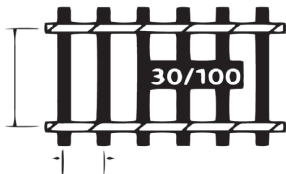
Flooring & Stairtreads -

BS 4592-0:2006

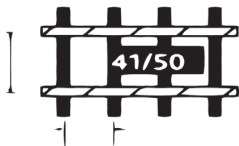
BS 4592-1



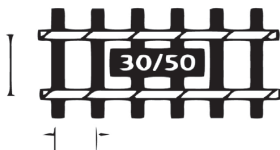
BS 4592-0 and -1 has been amended to come into line with the mandatory EN 14122, which states;



- Category "A" All grating forming part of a platform or walkway should stop a 35mm diameter sphere.



- Category "B" Grating where personnel are working below (rather than occasionally passing), should stop a 20mm diameter sphere.



Expanded Metal Expanded Raised Mesh

Pattern	Lwd	Swd	Swdt	Stk	Kg/m ²	% Open Area	Stock Size
220	5.84	3.50	0.79	0.60	2.11	55	1250 x 1250
203	10.24	5.64	0.79	0.60	1.31	72	1250 x 1250
209	10.24	5.64	1.55	1.00	4.30	45	1250 x 1250
199	14.29	5.64	1.17	1.00	3.25	59	1250 x 1250
798	19.05	7.43	1.70	1.00	3.59	54	2500 x 1250
1196	28.58	9.52	1.98	1.20	3.92	58	2440 x 1220
1292	30.48	12.70	4.75	2.50	14.67	25	1220 x 1525
1294	30.48	11.72	2.36	1.60	5.06	60	2440 x 1220
1295	30.48	11.72	1.98	1.60	4.24	66	2440 x 1220
1296	30.48	11.72	2.36	1.20	3.79	60	2440 x 1220
1298	30.48	11.72	1.63	1.00	2.17	72	2440 x 1220
1299	30.48	11.72	1.19	1.20	1.92	80	2440 x 1220
1576	38.10	16.93	4.75	3.00	13.20	44	2440 x 1220
1595	38.10	16.93	3.08	1.60	4.57	64	2440 x 1220
1597	38.10	16.48	2.25	1.60	3.43	73	2440 x 1220
1598	38.10	16.93	2.31	1.20	2.57	73	2440 x 1220
2088	50.80	22.58	3.89	3.00	8.09	66	2440 x 1220
2089	50.80	22.58	3.12	3.00	6.52	72	2440 x 1220
2091	50.80	22.58	2.52	2.50	4.37	78	2440 x 1220
2093	50.80	22.58	3.05	1.60	3.39	73	2440 x 1220
2096	50.80	22.58	2.34	1.20	1.95	79	2440 x 1220
3092	76.20	33.87	3.58	3.00	4.97	79	2440 x 1220
3095	76.20	33.87	3.89	3.00	5.39	77	2440 x 1220
3396	85.73	40.64	3.18	3.00	3.67	84	2440 x 1220
3398	85.73	39.33	2.59	2.50	2.59	87	2440 x 1220
4097	101.60	50.80	3.35	3.00	3.11	87	2440 x 1220
4599	114.30	39.33	4.58	3.00	5.48	77	2440 x 1220

Expanded Metal (Continued) Expanded Flat Meshes

Pattern	Lwd	Swd	Swdt	Stk	Kg/m ²	% Open Area	Stock Size
226F	3.81	2.03	0.79	0.58	2.11	56	1250 x 1250
706F	2.79	0.81	0.76	0.58	3.01	35	1250 x 1250
217F	6.85	3.56	1.30	0.94	3.00	58	1250 x 2500
794F	14.22	4.83	1.85	0.96	3.30	57	1250 x 2500
1279F	23.11	5.84	3.20	1.52	6.27	48	2440 x 1220
1280F	24.38	7.11	2.39	1.14	3.64	60	2440 x 1220
1281F	24.38	7.87	2.06	1.47	4.07	66	2440 x 1220
1282F	24.38	7.62	2.08	1.14	3.17	65	2440 x 1220
1584F	32.77	10.92	3.18	1.50	4.41	63	2440 x 1220
1585F	33.53	12.45	2.34	1.14	2.47	73	2440 x 1220
2073F	42.93	14.22	4.60	2.69	8.59	61	2440 x 1220
2074F	39.12	18.29	4.72	2.74	7.55	66	1220 x 2440
2076F	43.43	18.03	2.31	1.14	1.85	80	2440 x 1220
2077F	43.18	17.27	3.23	1.45	3.24	73	2440 x 1220
2489F	46.99	15.49	6.63	4.20	14.81	54	1220 x 2440
3084F	68.83	28.70	2.83	1.45	1.88	84	2440 x 1220
3393F	77.47	27.18	6.53	2.82	7.15	68	2440 x 1220
3394F	69.84	37.08	5.49	2.16	3.97	77	1220 x 2440
3395F	76.96	32.77	3.81	1.85	2.80	81	2440 x 1220

Pre-galvanised Steel

N0921 F	25.15	8.64	1.65	0.94	2.06	72	2440 x 1070
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Walkway Mesh

2496	60.96	24.80	6.10	4.50	17.29	51	2440 x 1220
4894	121.92	42.02	13.06	6.00	32.22	38	2265 x 1830
4896	121.92	36.80	6.35	4.50	13.23	65	2440 x 1220
4897	121.92	38.00	7.90	4.50	16.45	58	2440 x 1220
4899	121.92	38.06	9.53	6.00	24.98	50	1220 x 2440

Welded Mesh Panels (Self-colour / Galvanised)

Aperture	Gauge	Length	Width	Grade
1"x1"	10g	8ft	4ft	S/C
1"x1"	10g	8ft	4ft	GALV
2"x2"	10g	8ft	4ft	S/C
2"x2"	10g	8ft	4ft	GALV
½"x ½"	16g	4	25mtrs	GALV
3x ½"	10g	8ft	4ft	S/C
1.1/2"x1.1/2"	10g	8ft	4ft	S/C

All other sizes in self-colour and galvanised are available upon request.

Edging Section

Ref.		Size mm	Thick mm	Gap mm	Weight Kg/m	Standard Length mm
UF1		6.35	1.20	1.78	0.13	2490
UF2		6.35	0.55	1.78	0.07	1905
UF3		12.70	0.90	1.78	0.18	2540
UF4		19.05	1.20	1.78	0.38	3810
UF5		31.48	1.20	1.78	0.62	3810

Suitable for framing Flattened Meshes up to and including 1.58mm.

UF6		12.70	0.90	3.30	0.20	2540
UF7		19.05	1.20	3.30	0.38	3810
UF8		31.75	1.20	3.30	0.62	3810

Suitable for framing Flattened Meshes up to and including 3.18mm.

UF6a		12.70	0.90	5.08	0.30	2540
UF9		19.05	1.20	5.08	0.38	3810
UF10		31.75	1.20	5.08	0.62	3810

Suitable for framing conventional mesh with a strand width of 2.39mm or under.

UF11		19.05	1.50	10.16	0.45	3810
UF12		25.40	1.50	10.16	0.63	3810
UF13		25.40	2.95	10.16	1.20	3810
UF14		38.10	1.50	10.16	0.91	3810
UF15		38.10	2.95	10.16	1.79	3810

Suitable for framing conventional mesh with a strand width of 4.75mm or under.

UF16		4.29	1.50	12.70	0.46	3810
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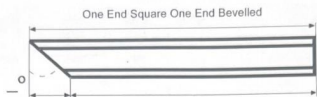
Suitable for framing conventional mesh with a strand width of 6.09mm or under. Ideal for Walkway Mesh Patt 2496

UF18		19.05	1.20	6.50	0.42	3810
UF19		31.75	1.20	6.50	0.66	3810

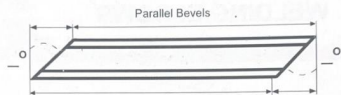
Suitable for framing up to 3.00mm Welded Mesh & Expanded with a strand. width of up to 3.20mm

Hollow Sections, Universal Beams, Columns & Joints - Bevel Across Web

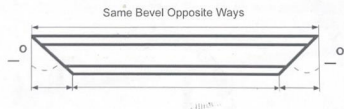
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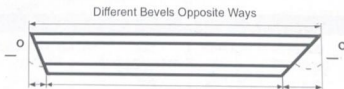
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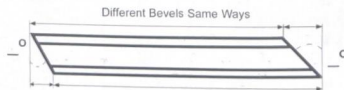
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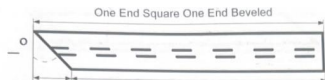
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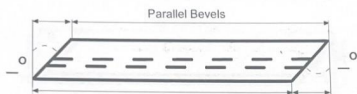
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Hollow Sections, Universal Beams, Columns & Joints - Bevel Across Flange

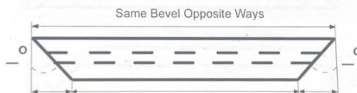
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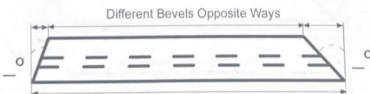
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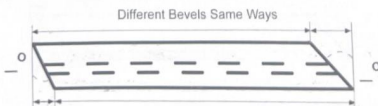
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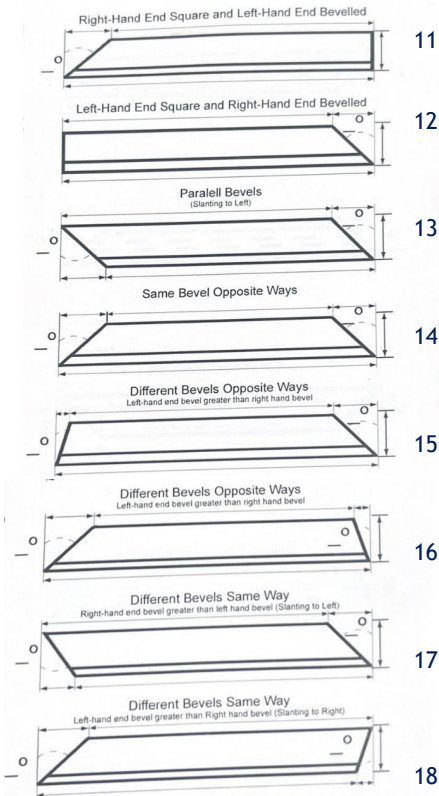
*** Please Note*** The sizes listed in this book are intended for guidance purposes only. To verify availability, please contact us directly.

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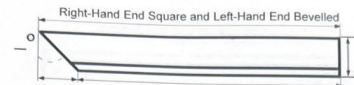
Angles - Long Point on Back

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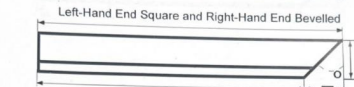


Angles - Long Point on Toes

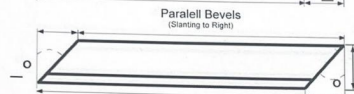
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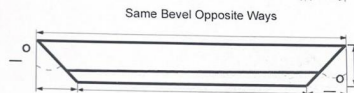
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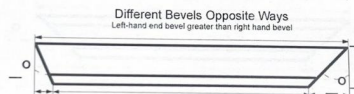
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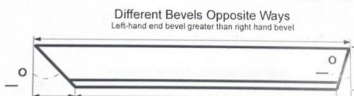
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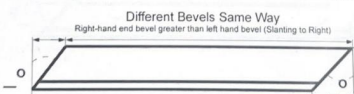
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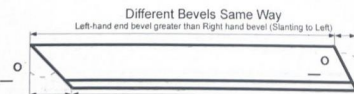
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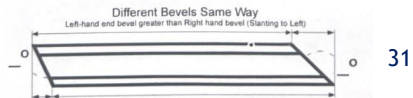
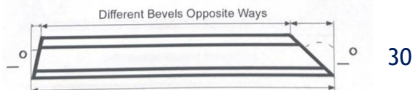
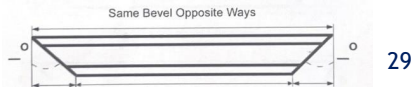
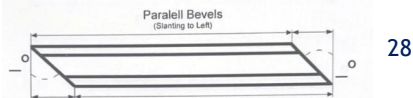
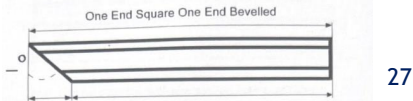
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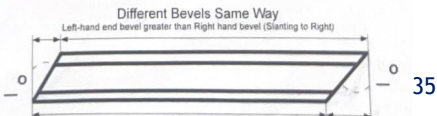
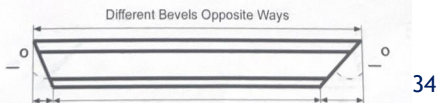
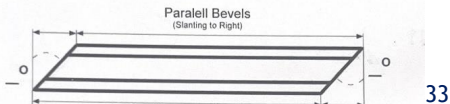
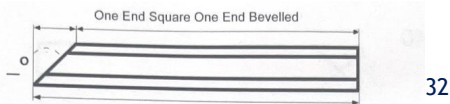
Channels - Bevel Across Back

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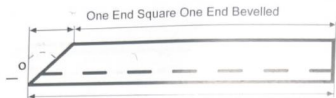
Channels - Bevel Across Back

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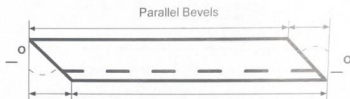


Channels - Bevel Across Leg Long Point on Back

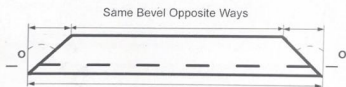
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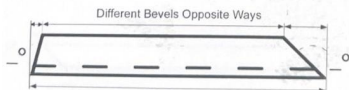
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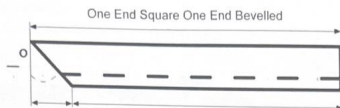
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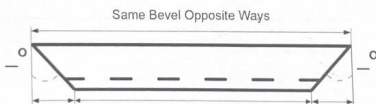
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Channels - Bevel Across Leg Long Point on Toes

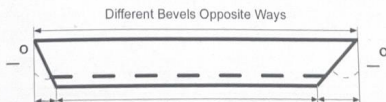
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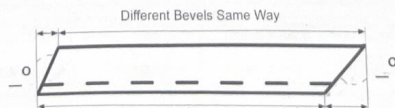
41



42



43



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Useful Information

CONVERSION FACTORS	
TO CONVERT	MULTIPLY BY
LENGTH	
Millimetres to inches	0.0394
Inches to millimetres	25.4
Metres to feet	3.281
Feet to metres	0.3048
Metres to Yards	1.094
Yards to metres	0.9144
AREA	
Sq mm to sq inches	0.00155
Sq inches to sq mm	645.2
Sq metre to sq foot	10.76
Sq foot to sq metre	0.0929
Sq yard to sq metre	0.8361
VOLUME	
Cubic centimetres to cubic inches	0.06103
Cubic inches to cubic centimetres	16.39
Cubic metres to cubic feet	35.32
Cubic feet to cubic metres	0.02832
WEIGHT	
Kilograms to pounds	2.205
Pounds to kilograms	0.4536
Kilograms to tonnes	0.0009842
Tonnes to kilograms	1016.046
LENGTH/WEIGHT	
Kg/m to lbs/ft	0.672
Lbs/ft to kg/m	1.4882
Kg/m ² to lbs/ft ²	0.2048
Lbs/ft ² to kg/m ²	4.8824

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Useful Information

S.W.G.	THICKNESS (mm)
4	5.892
5	5.384
6	4.876
7	4.47
8	4.064
9	3.657
10	3.251
11	2.946
12	2.64
13	2.336
14	2.032
15	1.828
16	1.625
17	1.422
18	1.219
19	1.016
20	0.914
21	0.812
22	0.711
23	0.609
24	0.558
25	0.508
26	0.457
27	0.416
28	0.375
29	0.345
30	0.314

SERVICES

Sawing

We have several automatic saws and mitre saws. Cutting from 6mm to 400mm round and up to 420mm square. We offer an excellent saw cutting service, from singular one-off requirements to batch quantities running into many thousands of cuts. This can reduce overall costs by reducing your production time and eliminating waste.

Shearing

We have many guillotines and boast one of the speediest turnarounds of precision cut blanks in the region. We shear all grades of material i.e., Galvanised, Cold Reduced, Floorplate, Hot Rolled and Pickled and Oiled, from as light as 0.5mm and up to 12mm and up to 4900mm long - a slightly longer lead-time may be needed on longer lengths).

Decoiling

Our three decoiling lines allow us to cover the full range of coils. From 0.5mm up to 15mm in thickness and up to 2000mm wide. On thinner material we can offer 'panel flat' sheet suitable for the CNC and Laser industry.

Bending

We have a large database of customers who require cutting and bending. A large percentage of customers produce stair treads which need to be formed starting from 3mm up to 8mm. We offer a basic bending service.

Punching / Drilling

Our 175 Tonne metalworker is one of the largest in the region. It is capable of punching 57mm Dia holes in 22mm thick material. We do also offer a drilling service as part of our service range.

FOR ALL YOUR STEEL EMERGENCIES

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South Shields, NE34 9PB

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