



# PRODUCT MANUAL

CREATIVITY. INNOVATION. TECHNICAL MASTERY.





# OVER 60,000 TONNES OF STEEL STOCK

AVAILABLE THROUGH OUR NATIONWIDE STOCKHOLDER NETWORK



## ABOUT US

THE GENERAL STEEL DIVISION IS THE TRADITIONAL CORE OF THE BARRETT GROUP. FROM OUR FOUNDATION IN 1866 TO THE PRESENT DAY WE HAVE BEEN FOCUSED ON DELIVERING THE HIGHEST LEVELS OF TECHNICAL INNOVATION AND CUSTOMER SERVICE.

Our current range of stocks and processing facilities make Barrett General Steels the obvious choice for all your steel requirements. Each of our companies operates with the full backing and support of the division and all our dedicated staff – wherever they are based across the UK – will act as your one point of contact, whatever product or service you require.





## CUSTOMER SERVICE

THE LEVEL OF CUSTOMER SERVICE WE PROVIDE SETS BARRETT STEEL APART FROM THE COMPETITION.

We constantly monitor our customer service performance in terms of:

- PRODUCT QUALITY
- SPECIFICATION
- PROCESSING
- PACKAGING
- DELIVERY

In addition, we strive to work in partnership with our customers, sharing our judgement, expertise and outstanding problem-solving capabilities to ensure the success of your project.

Our comprehensive Quality Management System is overseen by our Group Managing Director and regularly reviewed both internally and by independent assessors. We also monitor and respond positively to customer feedback on an ongoing basis. These activities help us ensure that we are continually improving our business performance and the service we provide to our customers.



## DELIVERY

WE PROVIDE A PROMPT AND RELIABLE DELIVERY SERVICE ACROSS THE UK USING OUR OWN TRANSPORT FLEET. WE ALSO SUPPLY AND DELIVER OVERSEAS TO THE MIDDLE EAST, AMERICA AND EUROPE USING OUR TRUSTED LOGISTICS PARTNERS.

**YOU CAN ORDER ONLINE 24 HOURS A DAY, SEVEN DAYS A WEEK, OR BY CALLING 0844 7700952 AND WE'LL ARRANGE DELIVERY TO SUIT YOU.**

All our dedicated staff – wherever they are based across the UK – will act as your one

point of contact, whatever product or service you require.



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# SHOTBLASTING AND PRIMING

BARRETT'S TAKE PRIDE IN PROVIDING THE BEST QUALITY PRODUCTS AVAILABLE.

Our in house shotblasting and priming systems ensure that you, the customer, get perfectly finished products to fit your personal requirements.

Our surface treatment systems have the ability to shot-blast all structural sections, hollow sections, merchant

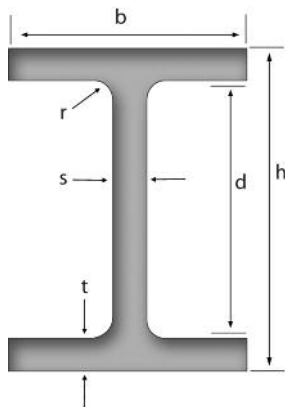
bar and plates up to 1500mm wide. All shotblasting complies with BS EN ISO 8501 : 2001 SA 2.5.

Our automated systems only use water-based weldable holding primer in order to give the best finish possible – as well as being kinder to the environment.



# UNIVERSAL BEAMS

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO / S355J2



Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
127 x 76 x 13	13.0	127.0	76.0	4.0	7.6	7.6	96.6
152 x 89 x 16	16.0	152.4	88.7	4.5	7.7	7.6	121.8
178 x 102 x 19	19.0	177.8	101.2	4.8	7.9	7.6	146.8
203 x 102 x 23	23.1	203.2	101.8	5.4	9.3	7.6	169.4
203 x 133 x 25	25.1	203.2	133.2	5.7	7.8	7.6	172.4
203 x 133 x 30	30.0	206.8	133.9	6.4	9.6	7.6	172.4
254 x 102 x 22	22.0	254.0	101.6	5.7	6.8	7.6	225.2
254 x 102 x 25	25.2	257.2	101.9	6.0	8.4	7.6	225.2
254 x 102 x 28	28.3	260.4	102.2	6.3	10.0	7.6	225.2
254 x 146 x 31	31.1	251.4	146.1	6.0	8.6	7.6	219.0
254 x 146 x 37	37.0	256.0	146.4	6.3	10.9	7.6	219.0
254 x 146 x 43	43.0	259.6	147.3	7.2	12.7	7.6	219.0

Continued over

# UNIVERSAL BEAMS CONT.

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO / S355J2

Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
305 x 102 x 25	24.8	305.1	101.6	5.8	7.0	7.6	275.9
305 x 102 x 28	28.2	308.7	101.8	6.0	8.8	7.6	275.9
305 x 102 x 33	32.8	312.7	102.4	6.6	10.8	7.6	275.9
305 x 127 x 37	37.0	304.4	123.4	7.1	10.7	8.9	265.2
305 x 127 x 42	41.9	307.2	124.3	8.0	12.1	8.9	265.2
305 x 127 x 48	48.1	311.0	125.3	9.0	14.0	8.9	265.2
305 x 165 x 40	40.3	303.4	165.0	6.0	10.2	8.9	265.2
305 x 165 x 46	46.1	306.6	165.7	6.7	11.8	8.9	265.2
305 x 165 x 54	54.0	310.4	166.9	7.9	13.7	8.9	265.2
356 x 127 x 33	33.1	349.0	125.4	6.0	8.5	10.2	311.6
356 x 127 x 39	39.1	353.4	126.0	6.6	10.7	10.2	311.6
356 x 171 x 45	45.0	351.4	171.1	7.0	9.7	10.2	311.6
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5	10.2	311.6
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0	10.2	311.6
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7	10.2	311.6
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6	10.2	360.4
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2	10.2	360.4
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9	10.2	360.4
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8	10.2	360.4
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3	10.2	360.4
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0	10.2	360.4
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9	10.2	407.6
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3	10.2	407.6
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0	10.2	407.6
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0	10.2	407.6
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9	10.2	407.6
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7	10.2	407.6
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5	10.2	407.6
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0	10.2	407.6
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7	10.2	407.6
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6	10.2	407.6

# UNIVERSAL BEAMS CONT.

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO / S355J2

Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
533 x 210 x 82	82.2	528.3	208.8	9.6	13.2	12.7	476.5
533 x 210 x 92	92.1	533.1	209.3	10.1	15.6	12.7	476.5
533 x 210 x 101	101.0	536.7	210.0	10.8	17.4	12.7	476.5
533 x 210 x 109	109.0	539.5	210.8	11.6	18.8	12.7	476.5
533 x 210 x 122	122.0	544.5	211.9	12.7	21.3	12.7	476.5
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8	12.7	547.6
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3	12.7	547.6
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6	12.7	547.6
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1	12.7	547.6
610 x 305 x 149	149.2	612.4	304.8	11.8	19.7	16.5	540.0
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6	16.5	540.0
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4	16.5	540.0
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2	15.2	615.1
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0	15.2	615.1
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0	15.2	615.1
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7	15.2	615.1
762 x 267 x 147	146.9	754.0	265.2	12.8	17.5	16.5	686.0
762 x 267 x 173	173.0	762.2	266.7	14.3	21.6	16.5	686.0
762 x 267 x 197	196.8	769.8	268.0	15.6	25.4	16.5	686.0
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8	17.8	761.7
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7	17.8	761.7
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8	17.8	761.7
914 x 305 x 201	200.9	903.0	303.3	15.1	20.2	19.1	824.4
914 x 305 x 224	224.2	910.4	304.1	15.9	23.9	19.1	824.4
914 x 305 x 253	253.4	918.4	305.5	17.3	27.9	19.1	824.4
914 x 305 x 289	289.1	926.6	307.7	19.5	32.0	19.1	824.4
914 x 419 x 343	343.3	911.8	418.5	19.4	32.0	24.1	799.6
914 x 419 x 388	388.0	921.0	420.5	21.4	36.6	24.1	799.6

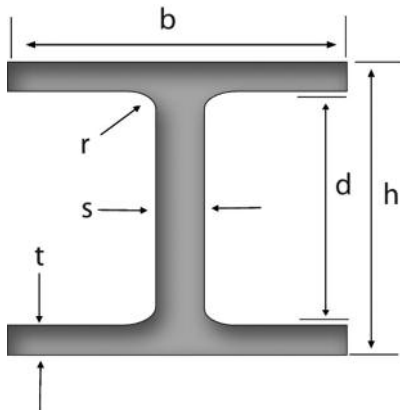
# SAWING AND DRILLING

BARRETT STEEL HAVE SAWS SUITABLE FOR ALL YOUR CUTTING REQUIREMENTS FROM ONE OFF CUTS TO MITRE AND BATCH CUTTING.

Our close coupled sawing and drilling lines are also fully CNC controlled in order to ensure your requirements are met perfectly. Coordinates can be received electronically via Stru Cad or XSteel producing information in DSTV and/or CAM formats, or input from physical drawings.

# UNIVERSAL COLUMNS

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO / S355J2



Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
152 x 152 x 23	23.0	152.4	152.2	5.8	6.8	7.6	123.6
152 x 152 x 30	30.0	157.6	152.9	6.5	9.4	7.6	123.6
152 x 152 x 37	37.0	161.8	154.4	8.0	11.5	7.6	123.6
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0	10.2	160.8
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5	10.2	160.8
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2	10.2	160.8
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3	10.2	160.8
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5	10.2	160.8
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2	12.7	200.3
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3	12.7	200.3
254 x 254 x 107	107.1	266.7	258.8	12.8	20.5	12.7	200.3
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3	12.7	200.3
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7	12.7	200.3

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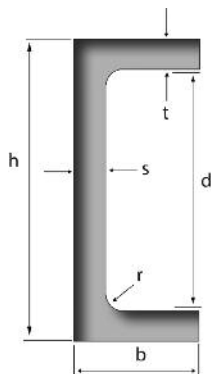
# UNIVERSAL COLUMNS CONT.

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO / S355J2

Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4	15.2	246.7
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7	15.2	246.7
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7	15.2	246.7
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0	15.2	246.7
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4	15.2	246.7
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7	15.2	246.7
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1	15.2	246.7
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5	15.2	290.2
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7	15.2	290.2
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8	15.2	290.2
356 x 168 x 202	201.9	374.6	374.7	16.5	27.0	15.2	290.2
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2	15.2	290.2
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5	15.2	290.2
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9	15.2	290.2
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2	15.2	290.2
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0	15.2	290.2
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5	15.2	290.2
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0	15.2	290.2

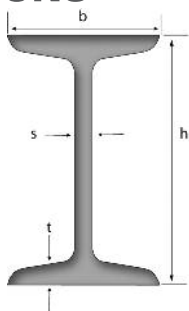
# PARALLEL FLANGE CHANNELS

BS EN 10025-2 : 2004 - S275JR / S355JR / S355JO



Size (mm)	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)	Root Radius r (mm)	Depth between fillets d (mm)
100 x 50 x 10	10.2	100	50	5.0	8.5	9	65
125 x 65 x 15	14.8	125	65	5.5	9.5	12	82
150 x 75 x 18	17.9	150	75	5.5	10.0	12	106
150 x 90 x 24	23.9	150	90	6.5	12.0	12	102
180 x 75 x 20	20.3	180	75	6.0	10.5	12	135
180 x 90 x 26	26.1	180	90	6.5	12.5	12	131
200 x 75 x 23	23.4	200	75	6.0	12.5	12	151
200 x 90 x 30	29.7	200	90	7.0	14.0	12	148
230 x 75 x 26	25.7	230	75	6.5	12.5	12	181
230 x 90 x 32	32.2	230	90	7.5	14.0	12	178
260 x 75 x 28	27.6	260	75	7.0	12.0	12	212
260 x 90 x 35	34.8	260	90	8.0	14.0	12	208
300 x 90 x 41	41.4	300	90	9.0	15.5	12	245
300 x 100 x 46	45.5	300	100	9.0	16.5	15	237
380 x 100 x 54	54.0	380	100	9.5	17.5	15	315
430 x 100 x 64	64.4	430	100	11.0	19.0	15	362

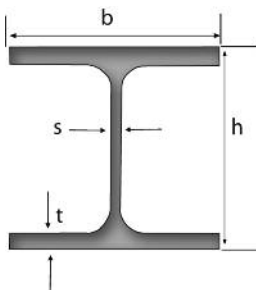
# IPN SECTIONS



	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
80	5.94	80	42	3.9	5.9
100	8.34	100	50	4.5	6.8
120	11.10	120	58	5.1	7.7
140	14.30	140	66	5.7	8.6
160	17.90	160	74	6.3	9.5
180	21.90	180	82	6.9	10.4
200	26.20	200	90	7.5	11.3
220	31.10	220	98	8.1	12.2
240	36.20	240	106	8.7	13.1
260	41.90	260	113	9.4	14.1
280	47.90	280	119	10.1	15.2
300	54.20	300	125	10.8	16.2
320	61.00	320	131	11.5	17.3
340	68.00	340	137	12.2	18.3
360	76.10	360	143	13.0	19.5
380	84.00	380	149	13.7	20.5
400	92.40	400	155	14.4	21.6
450	115.00	450	170	16.2	24.3
500	141.00	500	185	18.0	27.0
550	166.00	550	200	19.0	30.0

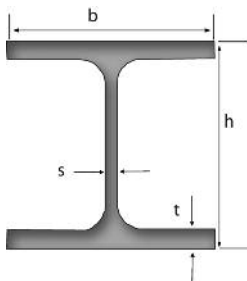


# HEA SECTIONS



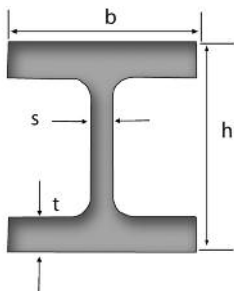
	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
100	16.7	96	100	5.0	8.0
120	19.9	114	120	5.0	8.0
140	24.7	133	140	5.5	8.5
160	30.4	152	160	6.0	9.0
180	35.5	171	180	6.0	9.5
200	42.3	190	200	6.5	10.0
220	50.5	210	220	7.0	11.0
240	60.3	230	240	7.5	12.0
260	68.2	250	260	7.5	12.5
280	76.4	270	280	8.0	13.0
300	88.3	290	300	8.5	14.0
320	97.6	310	300	9.0	15.5
340	105.0	330	300	9.5	16.5
360	112.0	350	300	10.0	17.5
400	125.0	390	300	11.0	19.0
450	140.0	440	300	11.5	21.0
500	155.0	490	300	12.0	23.0
550	166.0	540	300	12.5	24.0
600	178.0	590	300	13.0	25.0
650	190.0	640	300	13.5	26.0
700	204.0	690	300	14.5	27.0
800	224.0	790	300	15.0	28.0
900	252.0	890	300	16.0	30.0
1000	272.0	990	300	16.5	31.0

# HEB SECTIONS



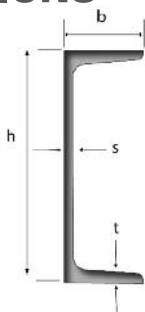
	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
100	20.4	100	100	6.0	10.0
120	26.7	120	120	6.5	11.0
140	33.7	140	140	7.0	12.0
160	42.6	160	160	8.0	13.0
180	51.2	180	180	8.5	14.0
200	61.3	200	200	9.0	15.0
220	71.5	220	220	9.5	16.0
240	83.2	240	240	10.0	17.0
260	93.0	260	260	10.0	17.5
280	103.0	280	280	10.5	18.0
300	117.0	300	300	11.0	19.0
320	127.0	320	320	11.5	20.5
340	134.0	340	340	12.0	21.5
360	142.0	360	360	12.5	22.5
400	155.0	400	400	13.5	24.0
450	171.0	450	450	14.0	26.0
500	187.0	500	500	14.5	28.0
550	199.0	550	550	15.0	29.0
600	212.0	600	600	15.5	30.0
650	225.0	650	650	16.0	31.0
700	241.0	700	700	17.0	32.0
800	262.0	800	800	17.5	33.0
900	291.0	900	900	18.5	35.0
1000	314.0	1000	1000	19.0	36.0

# HEM SECTIONS



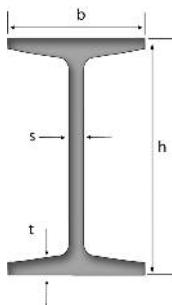
	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
100	41.8	120	106	12.0	20.0
120	52.1	140	126	12.5	21.0
140	63.2	160	146	13.0	22.0
160	76.2	180	166	14.0	23.0
180	88.9	200	186	14.5	24.0
200	103.0	220	206	15.0	25.0
220	117.0	240	226	15.5	26.0
240	157.0	270	248	18.0	32.0
260	172.0	290	268	18.0	32.5
280	189.0	310	288	18.5	33.0
300	238.0	340	310	21.0	39.0
320	245.0	359	309	21.0	40.0
340	248.0	377	309	21.0	40.0
360	250.0	395	308	21.0	40.0
400	256.0	432	307	21.0	40.0
450	263.0	478	307	21.0	40.0
500	270.0	524	306	21.0	40.0
550	278.0	572	306	21.0	40.0
600	285.0	620	305	21.0	40.0
650	293.0	668	305	21.0	40.0
700	301.0	716	304	21.0	40.0
800	317.0	814	303	21.0	40.0
900	333.0	910	302	21.0	40.0
1000	349.0	1008	302	21.0	40.0

# UPN SECTIONS



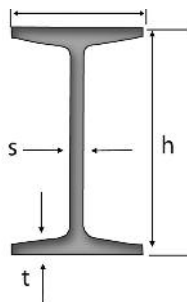
	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
80	8.64	80	45	6.0	8.0
100	10.60	100	50	6.0	8.5
120	13.40	120	55	7.0	9.0
140	16.00	140	60	7.0	10.0
160	18.80	160	65	7.5	10.5
180	22.00	180	70	8.0	11.0
200	25.30	200	75	8.5	11.5
220	29.40	220	80	9.0	12.5
240	33.20	240	85	9.5	13.0
260	37.90	260	90	10.0	14.0
280	41.80	280	95	10.0	15.5
300	46.20	300	100	10.0	16.0
320	59.50	320	100	14.0	17.5
350	60.60	350	100	14.0	16.0
380	63.10	380	102	13.5	16.0
400	71.80	400	110	14.0	18.0

# IPE SECTIONS



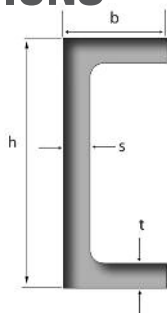
	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
80	6.0	80	46	3.8	5.2
100	8.1	100	55	4.1	5.7
120	10.4	120	64	4.4	6.3
140	12.9	140	73	4.7	6.9
160	15.8	160	82	5.0	7.4
180	18.8	180	91	5.3	8.0
200	22.4	200	100	5.6	8.5
220	26.2	220	110	5.9	9.2
240	30.7	240	120	6.2	9.8
270	36.1	270	135	6.6	10.2
300	42.2	300	150	7.1	10.7
330	49.1	330	160	7.5	11.5
360	57.1	360	170	8.0	12.7
400	66.3	400	180	8.6	13.5
450	77.6	450	190	9.4	14.6
500	90.7	500	200	10.2	16.0
550	106.0	550	210	11.1	17.2
600	122.0	600	220	12.0	19.0

# IPA/IPEA SECTIONS



	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
80	5.0	78.0	46	3.3	4.2
100	6.9	98.0	55	3.6	4.7
120	8.7	117.6	64	3.8	5.1
140	10.5	137.4	73	3.8	5.6
160	12.7	157.0	82	4.0	5.9
180	15.4	177.0	91	4.3	6.5
200	18.4	197.0	100	4.5	7.0
220	22.2	217.0	110	5.0	7.7
240	26.2	237.0	120	5.2	8.3
270	30.7	267.0	135	5.5	8.7
300	36.5	297.0	150	6.1	9.2
330	43.0	327.0	160	6.5	10.0
360	50.2	357.6	170	6.6	11.5
400	57.4	397.0	180	7.0	12.0
450	67.2	447.0	190	7.6	13.1
500	79.4	497.0	200	8.4	14.5
550	92.1	547.0	210	9.0	15.7
600	108.0	597.0	220	9.8	17.5

# UPE SECTIONS



	Kg/m	Depth of Section h (mm)	Width of Section b (mm)	Web Thickness s (mm)	Flange Thickness t (mm)
80	7.90	80	50	4.0	7.0
100	9.82	100	55	4.5	7.5
120	12.10	120	60	5.0	8.0
140	14.50	140	65	5.0	9.0
160	17.00	160	70	5.5	9.5
180	19.70	180	75	5.5	10.5
200	22.80	200	80	6.0	11.0
220	26.60	220	85	6.5	12.0
240	30.20	240	90	7.0	12.5
270	35.20	270	95	7.5	13.5
300	44.40	300	100	9.5	15.0
330	53.20	330	105	11.0	16.0
360	61.20	360	110	12.0	17.0
400	72.20	400	115	13.5	18.0

# PUNCHING AND SHEARING

OUR PUNCHING AND SHEARING SYSTEMS ARE DESIGNED FOR THE PRODUCTION OF CONNECTION PLATES, BASE PLATES, DIAGONAL TRUSSES AND BRACES.

The systems are capable of punching and shearing both flats and angles.



# FLATS

BS EN 10025-2 : 2004 - S275JR

Size (mm)	Kg/m	Size (mm)	Kg/m	Size (mm)	Kg/m
10 x 3	0.26	130 x 5	5.11	50 x 8	3.14
13 x 3	0.33	150 x 5	5.89	60 x 8	3.77
16 x 3	0.39	13 x 6	0.61	65 x 8	4.08
20 x 3	0.49	16 x 6	0.75	70 x 8	4.39
25 x 3	0.63	20 x 6	0.94	75 x 8	4.71
30 x 3	0.75	25 x 6	1.18	80 x 8	5.02
35 x 3	0.85	30 x 6	1.41	90 x 8	5.65
40 x 3	0.95	40 x 6	1.88	100 x 8	6.28
45 x 3	1.06	45 x 6	2.12	110 x 8	6.91
50 x 3	1.25	50 x 6	2.36	120 x 8	7.54
60 x 3	1.44	60 x 6	2.83	130 x 8	8.16
75 x 3	1.77	65 x 6	3.06	140 x 8	8.79
80 x 3	1.89	70 x 6	3.31	150 x 8	9.42
100 x 3	2.36	75 x 6	3.55	180 x 8	11.31
150 x 3	3.54	80 x 6	3.77	200 x 8	12.59
13 x 5	0.51	90 x 6	4.24	220 x 8	13.82
16 x 5	0.63	100 x 6	4.71	250 x 8	15.69
20 x 5	0.79	110 x 6	5.18	300 x 8	18.84
25 x 5	0.98	120 x 6	5.66	20 x 10	1.57
30 x 5	1.18	130 x 6	6.12	25 x 10	1.96
35 x 5	1.37	140 x 6	6.59	30 x 10	2.36
40 x 5	1.57	150 x 6	7.09	35 x 10	2.75
45 x 5	1.77	180 x 6	8.48	40 x 10	3.14
50 x 5	1.96	200 x 6	9.42	45 x 10	3.53
60 x 5	2.36	220 x 6	10.36	50 x 10	3.93
65 x 5	2.55	250 x 6	11.78	60 x 10	4.71
70 x 5	2.76	300 x 6	14.13	65 x 10	5.11
75 x 5	2.97	20 x 8	1.26	70 x 10	5.49
80 x 5	3.14	25 x 8	1.57	75 x 10	5.89
90 x 5	3.53	30 x 8	1.88	80 x 10	6.28
100 x 5	3.93	35 x 8	2.25	90 x 10	7.07
110 x 5	4.32	40 x 8	2.51	100 x 10	7.85
120 x 5	4.71	45 x 8	2.83	110 x 10	8.64

Continued over

# FLATS CONT.

BS EN 10025-2 : 2004 - S275JR

Size (mm)	Kg/m	Size (mm)	Kg/m	Size (mm)	Kg/m
120 x 10	9.42	220 x 12	20.72	30 x 20	4.71
130 x 10	10.21	250 x 12	23.55	40 x 20	6.28
140 x 10	10.99	300 x 12	28.26	45 x 20	7.07
150 x 10	11.78	350 x 12	33.01	50 x 20	7.85
160 x 10	12.56	400 x 12	37.68	60 x 20	9.42
180 x 10	14.13	450 x 12	42.39	65 x 20	10.21
200 x 10	15.69	25 x 15	2.94	70 x 20	10.99
220 x 10	17.27	30 x 15	3.53	75 x 20	11.81
250 x 10	19.59	35 x 15	4.21	80 x 20	12.56
300 x 10	23.55	40 x 15	4.71	90 x 20	14.13
350 x 10	27.48	45 x 15	5.31	100 x 20	15.72
400 x 10	31.41	50 x 15	5.89	110 x 20	17.27
20 x 12	1.88	60 x 15	7.07	120 x 20	18.84
25 x 12	2.36	65 x 15	7.65	130 x 20	20.41
30 x 12	2.83	70 x 15	8.24	140 x 20	21.98
35 x 12	3.37	75 x 15	8.85	150 x 20	23.55
40 x 12	3.77	80 x 15	9.42	160 x 20	25.12
45 x 12	4.24	90 x 15	10.61	180 x 20	28.26
50 x 12	4.72	100 x 15	11.78	200 x 20	31.41
60 x 12	5.65	110 x 15	12.95	220 x 20	34.54
65 x 12	6.12	120 x 15	14.09	250 x 20	39.25
70 x 12	6.59	130 x 15	15.31	300 x 20	47.15
75 x 12	7.05	140 x 15	16.48	350 x 20	54.95
80 x 12	7.54	150 x 15	17.66	400 x 20	62.81
90 x 12	8.48	160 x 15	18.81	450 x 20	70.65
100 x 12	9.42	180 x 15	21.22	30 x 25	5.89
110 x 12	10.41	200 x 15	23.55	40 x 25	7.85
120 x 12	11.31	220 x 15	25.91	45 x 25	8.83
130 x 12	12.34	250 x 15	29.44	50 x 25	9.81
140 x 12	13.25	300 x 15	35.33	60 x 25	11.78
150 x 12	14.13	350 x 15	41.25	65 x 25	12.76
160 x 12	15.07	400 x 15	47.09	70 x 25	13.74
180 x 12	16.96	450 x 15	52.99	75 x 25	14.71
200 x 12	18.84	25 x 20	3.92	80 x 25	15.71

# FLATS CONT.

BS EN 10025-2 : 2004 - S275JR

Size (mm)	Kg/m
90 x 25	17.68
100 x 25	19.63
110 x 25	21.59
120 x 25	23.55
130 x 25	25.51
140 x 25	27.48
150 x 25	29.44
160 x 25	31.41
180 x 25	35.33
200 x 25	39.25
220 x 25	43.18
250 x 25	49.06
300 x 25	58.88
350 x 25	68.69
400 x 25	78.51
450 x 25	88.31
40 x 30	9.42

Size (mm)	Kg/m
45 x 30	10.65
50 x 30	11.78
60 x 30	14.13
65 x 30	15.31
70 x 30	16.49
75 x 30	17.71
80 x 30	18.84
90 x 30	21.22
100 x 30	23.55
110 x 30	25.89
120 x 30	28.35
130 x 30	30.62
140 x 30	32.99
150 x 30	35.33
180 x 30	42.39
200 x 30	47.11
220 x 30	51.81

Size (mm)	Kg/m
250 x 30	58.88
300 x 30	70.65
350 x 30	82.43
400 x 30	94.21
50 x 40	15.71
60 x 40	18.84
65 x 40	20.41
70 x 40	21.96
80 x 40	25.12
100 x 40	31.41
150 x 40	47.11
180 x 40	56.52
65 x 50	25.52
80 x 50	31.41
100 x 50	39.25
150 x 50	58.88
200 x 50	78.51

## CONVEX FLATS

BS EN 10025-2 : 2004 - S275JR

### SQUARE EDGE

Size (mm)	Kg/m
38 x 13	3.18
51 x 13	4.17

# ROUNDS

BS EN 10025-2 : 2004 - S275JR  
BS 970: PART 1 : 1983 070M20

Size (mm)	Kg/m
6	0.22
8	0.39
10	0.62
12	0.89
15	1.39
16	1.58
18	2.05
20	2.47
22	2.98
25	3.85
30	5.55
32	6.31
35	7.55
40	9.86
42	10.92
45	12.51
50	15.41
55	18.69

Size (mm)	Kg/m
60	22.00
65	26.00
70	30.20
75	34.70
80	39.50
85	44.50
90	49.90
95	55.60
100	61.70
105	68.00
110	74.60
115	81.50
120	88.00
125	96.30
130	104.00
135	112.00
140	121.00
145	130.00

Size (mm)	Kg/m
150	139.00
155	148.00
160	158.00
165	168.00
170	178.00
180	200.00
185	211.00
190	223.00
200	247.00
210	272.00
220	298.00
230	326.00
240	356.00
250	385.00
260	417.00
270	448.00
280	483.00
300	555.00
305	573.00

# SQUARES

BS EN 10025-2 : 2004 - S275JR

Size (mm)	Kg/m
6	0.32
8	0.51
10	0.79
12	1.13
16	2.01
20	3.14
22	3.80

Size (mm)	Kg/m
25	4.91
30	7.07
35	9.62
40	12.60
45	15.90
50	19.62
60	28.40

Size (mm)	Kg/m
65	33.16
70	39.10
75	44.20
80	50.20
90	63.60
100	78.50

# SAW CUTTING

OUR SAW CUTTING FACILITIES INCLUDE SEMI-AUTOMATIC BAND SAWS AND CARBIDE SAW CUTTING.

Our saws all provide a fast and accurate service to meet your requirements. We can provide bevelled, bundle, repetition, square and mitre cutting services.

# EQUAL ANGLES

BS EN 10025-2 : 2004 - S275JR / S355JR

Size (mm)	Kg/m	Size (mm)	Kg/m
13 x 13 x 3	0.55	75 x 75 x 6	6.86
16 x 16 x 3	0.71	75 x 75 x 8	9.03
20 x 20 x 3	0.88	75 x 75 x 10	11.00
25 x 25 x 3	1.11	80 x 80 x 6	7.34
25 x 25 x 5	1.77	80 x 80 x 8	9.63
30 x 30 x 3	1.36	80 x 80 x 10	11.90
30 x 30 x 5	2.18	80 x 80 x 12	14.20
40 x 40 x 3	1.87	90 x 90 x 6	8.30
40 x 40 x 4	2.43	90 x 90 x 8	10.90
40 x 40 x 5	2.97	90 x 90 x 10	13.40
40 x 40 x 6	3.52	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	4.00	100 x 100 x 12	17.80
50 x 50 x 3	2.33	120 x 120 x 8	14.70
50 x 50 x 5	3.77	120 x 120 x 10	18.20
50 x 50 x 6	4.47	120 x 120 x 12	21.60
50 x 50 x 8	5.82	120 x 120 x 15	26.60
60 x 60 x 5	4.57	150 x 150 x 10	23.00
60 x 60 x 6	5.42	150 x 150 x 12	27.30
60 x 60 x 8	7.09	150 x 150 x 15	33.80
60 x 60 x 10	8.69	200 x 200 x 16	48.50
70 x 70 x 6	6.38	200 x 200 x 18	54.20
70 x 70 x 8	8.36	200 x 200 x 20	59.90
70 x 70 x 10	10.30		

# UNEQUAL ANGLES

BS EN 10025-2 : 2004 - S275JR / S355JR

Size (mm)	Kg/m	Size (mm)	Kg/m
40 x 25 x 4	1.93	125 x 75 x 8	12.2
40 x 25 x 5	2.37	125 x 75 x 10	15.0
60 x 30 x 5	3.37	125 x 75 x 12	17.8
65 x 50 x 5	4.35	150 x 75 x 10	17.0
65 x 50 x 6	5.16	150 x 75 x 12	20.2
65 x 50 x 8	6.75	150 x 75 x 15	24.8
75 x 50 x 6	5.65	150 x 90 x 10	18.2
75 x 50 x 8	7.39	150 x 90 x 12	21.6
80 x 60 x 6	6.37	150 x 90 x 15	26.6
80 x 60 x 8	8.34	200 x 100 x 10	23.0
100 x 50 x 6	6.85	200 x 100 x 12	27.3
100 x 65 x 7	8.77	200 x 100 x 15	33.7
100 x 65 x 8	9.94	200 x 150 x 12	32.0
100 x 65 x 10	12.3	200 x 150 x 15	39.6
100 x 75 x 8	10.6	200 x 150 x 18	47.1
100 x 75 x 10	13.0		
100 x 75 x 12	15.4		

# TEES

BS EN 10025-2 : 2004 - S275JR

Size (mm)	Kg/m	Size (mm)	Kg/m
25 x 25 x 3	1.19	40 x 40 x 6	3.49
30 x 30 x 3	1.60	50 x 50 x 6	4.76
30 x 30 x 5	2.16		

# LASERTUBE CUTTING

OUR STATE-OF-THE-ART ON-SITE PROCESSING FACILITIES INCLUDE 9 TUBE LASERS, INCLUDING THE JUMBO – THE LARGEST IN THE UK, AND CAPABLE OF CONTROLLING INPUT LENGTHS OF 18 METRES, AND OUTPUT LENGTHS OF 15 METRES.

Tube lasers can save time taken by traditional manufacturing processes. Eliminate extra work by having the weld preps done on the laser. Using the laser's 3D Head, these labour intensive processes can be done in one pass. At the

same time the other profiling is being done, therefore eliminating jigs, fixtures, paper templates, clamps, rotabroaches, angle grinders and saw equipment. This means your manpower can be doing more productive work.



# CHS COLD FORMED

BS EN 10219-1 : 1997  
S235 / S355J2H / S420MH

Size (mm)	Kg/m	Size (mm)	Kg/m	Size (mm)	Kg/m
21.3 x 3.0	1.35	88.9 x 3.0	6.36	219.1 x 5.0	26.40
26.9 x 2.0	1.23	88.9 x 4.0	8.38	219.1 x 6.0	31.50
26.9 x 2.5	1.50	88.9 x 5.0	10.30	219.1 x 8.0	41.60
26.9 x 3.0	1.77	114.3 x 3.0	8.23	219.1 x 10.0	51.60
33.7 x 2.0	1.56	114.3 x 3.5	9.56	219.1 x 12.5	63.70
33.7 x 2.5	1.92	114.3 x 4.0	10.90	219.1 x 16.0	80.10
33.7 x 3.0	2.27	114.3 x 5.0	13.50	244.5 x 6.0	35.30
33.7 x 4.0	2.93	114.3 x 6.0	16.00	244.5 x 8.0	46.70
42.4 x 2.0	1.99	139.7 x 4.0	13.40	244.5 x 10.0	57.80
42.4 x 2.5	2.46	139.7 x 5.0	16.60	244.5 x 12.5	71.50
42.4 x 3.0	2.91	139.7 x 6.0	19.80	244.5 x 16.0	90.20
42.4 x 3.2	3.09	139.7 x 8.0	26.00	273.0 x 6.0	39.50
42.4 x 4.0	3.79	139.7 x 10.0	32.00	273.0 x 8.0	52.30
48.3 x 2.5	2.82	168.3 x 4.0	16.20	273.0 x 10.0	64.90
48.3 x 3.0	3.35	168.3 x 5.0	20.10	273.0 x 12.5	80.30
48.3 x 3.2	3.59	168.3 x 6.0	24.00	273.0 x 16.0	101.00
48.3 x 4.0	4.37	168.3 x 8.0	31.60	323.9 x 6.0	47.00
48.3 x 5.0	5.34	168.3 x 10.0	39.00	323.9 x 8.0	62.30
60.3 x 3.0	4.24	168.3 x 12.5	48.00	323.9 x 10.0	77.40
60.3 x 3.5	4.90	193.7 x 4.0	18.70	323.9 x 12.5	96.00
60.3 x 4.0	5.55	193.7 x 5.0	23.30	323.9 x 16.0	121.00
60.3 x 5.0	6.82	193.7 x 6.0	27.80		
76.1 x 3.0	5.41	193.7 x 8.0	36.60		
76.1 x 4.0	7.11	193.7 x 10.0	45.30		
76.1 x 5.0	8.77	193.7 x 12.5	55.90		

# SHS COLD FORMED

BS EN 10219-1 : 1997  
S235 / S355J2H / S420MH

Size (mm)	Kg/m	Size (mm)	Kg/m	Size (mm)	Kg/m
25 x 25 x 2.0	1.36	80 x 80 x 5.0	11.30	150 x 150 x 6.0	26.40
25 x 25 x 2.5	1.64	80 x 80 x 6.0	13.20	150 x 150 x 8.0	33.90
25 x 25 x 3.0	1.89	80 x 80 x 8.0	16.40	150 x 150 x 10.0	41.30
30 x 30 x 2.0	1.68	90 x 90 x 3.0	8.01	160 x 160 x 5.0	23.80
30 x 30 x 2.5	2.03	90 x 90 x 3.5	9.26	160 x 160 x 6.0	28.30
30 x 30 x 3.0	2.36	90 x 90 x 4.0	10.50	160 x 160 x 8.0	36.50
40 x 40 x 2.0	2.31	90 x 90 x 5.0	12.80	160 x 160 x 10.0	44.40
40 x 40 x 2.5	2.82	90 x 90 x 6.0	15.10	180 x 180 x 5.0	27.00
40 x 40 x 3.0	3.30	90 x 90 x 8.0	18.90	180 x 180 x 6.0	32.10
40 x 40 x 4.0	4.20	100 x 100 x 3.0	8.96	180 x 180 x 8.0	41.50
50 x 50 x 2.0	2.93	100 x 100 x 4.0	11.70	180 x 180 x 10.0	50.70
50 x 50 x 2.5	3.60	100 x 100 x 5.0	14.40	180 x 180 x 12.5	60.50
50 x 50 x 3.0	4.25	100 x 100 x 6.0	17.00	200 x 200 x 5.0	30.10
50 x 50 x 4.0	5.45	100 x 100 x 8.0	21.40	200 x 200 x 6.0	35.80
50 x 50 x 5.0	6.56	100 x 100 x 10.0	27.40	200 x 200 x 8.0	46.50
50 x 50 x 6.0	7.87	120 x 120 x 4.0	14.20	200 x 200 x 10.0	57.00
60 x 60 x 3.0	5.19	120 x 120 x 5.0	17.50	200 x 200 x 12.5	68.30
60 x 60 x 4.0	6.71	120 x 120 x 6.0	20.70	250 x 250 x 6.0	45.20
60 x 60 x 5.0	8.13	120 x 120 x 8.0	26.40	250 x 250 x 8.0	59.10
70 x 70 x 3.0	6.13	120 x 120 x 10.0	31.80	250 x 250 x 10.0	72.70
70 x 70 x 3.5	7.06	140 x 140 x 4.0	16.80	250 x 250 x 12.5	88.00
70 x 70 x 4.0	7.97	140 x 140 x 5.0	20.70	300 x 300 x 6.0	54.70
70 x 70 x 5.0	9.70	140 x 140 x 6.0	24.50	300 x 300 x 8.0	71.60
80 x 80 x 3.0	7.07	140 x 140 x 8.0	31.40	300 x 300 x 10.0	88.40
80 x 80 x 3.5	8.16	140 x 140 x 10.0	38.10	300 x 300 x 12.5	108.00
80 x 80 x 4.0	9.22	150 x 150 x 5.0	22.30		

# RHS COLD FORMED

BS EN 10219-1 : 1997  
S235 / S355J2H / S420MH

Size (mm)	Kg/m
50 x 25 x 2	2.15
50 x 25 x 2.5	2.62
50 x 25 x 3	3.07
50 x 30 x 2	2.31
50 x 30 x 2.5	2.82
50 x 30 x 3	3.30
50 x 30 x 4	4.20
60 x 30 x 3	3.88
60 x 40 x 2.5	3.60
60 x 40 x 3	4.25
60 x 40 x 4	5.45
60 x 40 x 5	6.56
70 x 40 x 3	4.72
70 x 40 x 4	6.08
70 x 50 x 3	5.19
70 x 50 x 4	6.71
75 x 50 x 3	5.42
80 x 40 x 3	5.19
80 x 40 x 4	6.71
80 x 40 x 5	8.13
80 x 50 x 3	5.66
80 x 50 x 4	7.34
80 x 50 x 5	8.91
90 x 50 x 3	6.13
90 x 50 x 3.5	7.06
90 x 50 x 4	7.97
90 x 50 x 5	9.70

Size (mm)	Kg/m
100 x 50 x 2.5	5.56
100 x 50 x 3	6.60
100 x 50 x 4	8.59
100 x 50 x 5	10.50
100 x 50 x 6	12.30
100 x 60 x 3	7.07
100 x 60 x 3.5	8.16
100 x 60 x 5	11.30
100 x 60 x 6	13.20
100 x 60 x 8	17.50
120 x 60 x 3	8.01
120 x 60 x 3.5	9.26
120 x 60 x 5	12.80
120 x 60 x 6	15.10
120 x 80 x 3	8.96
120 x 80 x 4	11.70
120 x 80 x 5	14.40
120 x 80 x 6	17.00
120 x 80 x 8	21.40
120 x 80 x 10	27.40
150 x 100 x 4	14.90
150 x 100 x 5	18.30
150 x 100 x 6	21.70
150 x 100 x 8	27.70
150 x 100 x 10	33.40
160 x 80 x 4	14.20
160 x 80 x 5	17.50
160 x 80 x 6	20.70
160 x 80 x 8	26.40
160 x 80 x 10	31.80

Size (mm)	Kg/m
200 x 100 x 4	18.00
200 x 100 x 5	22.30
200 x 100 x 6	26.40
200 x 100 x 8	33.90
200 x 100 x 10	41.30
200 x 100 x 12.5	48.70
200 x 120 x 5	23.80
200 x 120 x 6	28.30
200 x 150 x 6	31.10
200 x 150 x 8	40.20
200 x 150 x 10	49.10
250 x 150 x 5	30.10
250 x 150 x 6	35.80
250 x 150 x 8	46.50
250 x 150 x 10	57.00
250 x 150 x 12.5	68.30
300 x 100 x 6	35.80
300 x 100 x 8	46.50
300 x 100 x 10	57.00
300 x 100 x 12.5	68.40
300 x 200 x 6	45.20
300 x 200 x 8	59.10
300 x 200 x 10	72.70
300 x 200 x 12.5	88.00
400 x 200 x 8	71.60
400 x 200 x 10	88.40
400 x 200 x 12.5	108.00

# LT FIBER LASER

THE NEW TECHNOLOGY OF THE FIBER LASER OFFERS SIGNIFICANT ADVANTAGES IN TERMS OF A WIDER RANGE OF MATERIALS THAT CAN BE PROCESSED - AMONG THEM HIGHLY-REFLECTIVE MATERIALS SUCH AS COPPER, BRASS, STAINLESS STEEL AND ALUMINIUM.

We are the first steel stockholder to introduce a system of this kind to the UK. It is specifically designed and developed for cutting tubes and open profiles with the fibre laser source.

Benefits of the new system include time saving, due to faster cutting speeds and a smoother cut surface on the finished products. Compared to traditional methods, laser processing offers cost savings due to the reduction in the number of processes needed.

# CHS HOT FORMED

BS EN 10210-1 : 1994 S355J2H

Size (mm)	Kg/m
21.3 x 3.2	1.43
26.9 x 3.2	1.87
33.7 x 2.6	1.99
33.7 x 3.2	2.41
33.7 x 4.0	2.93
42.4 x 2.6	2.55
42.4 x 3.2	3.09
42.4 x 4.0	3.79
48.3 x 3.2	3.56
48.3 x 4.0	4.37
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
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
114.3 x 3.6	9.83
114.3 x 5.0	13.50
114.3 x 6.3	16.80
139.7 x 5.0	16.60

Size (mm)	Kg/m
139.7 x 6.3	20.70
139.7 x 8.0	26.00
139.7 x 10.0	32.00
168.3 x 5.0	20.10
168.3 x 6.3	25.20
168.3 x 8.0	31.60
168.3 x 10.0	39.00
168.3 x 12.5	48.00
193.7 x 5.0	23.30
193.7 x 6.3	29.10
193.7 x 8.0	36.60
193.7 x 10.0	45.30
193.7 x 12.5	55.90
219.1 x 5.0	26.40
219.1 x 6.3	33.10
219.1 x 8.0	41.60
219.1 x 10.0	51.60
219.1 x 12.5	63.70
219.1 x 16.0	80.10
244.5 x 6.3	37.00
244.5 x 8.0	46.70
244.5 x 10.0	57.80
244.5 x 12.5	71.50
244.5 x 16	90.20
273.0 x 6.3	41.40
273.0 x 8.0	52.30

Size (mm)	Kg/m
273.0 x 10.0	64.90
273.0 x 12.5	80.30
273.0 x 16	101.00
323.9 x 6.3	49.30
323.9 x 8.0	62.30
323.9 x 10.0	77.40
323.9 x 12.5	96.00
323.9 x 16.0	121.00
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 8.0	78.60
406.4 x 10.0	97.80
406.4 x 12.5	121.00
406.4 x 16.0	154.00
457.0 x 8.0	88.60
457.0 x 10.0	110.00
457.0 x 12.5	137.00
457.0 x 16.0	174.00
508.0 x 10.0	123.00
508.0 x 12.5	153.00
508.0 x 16.0	194.00

# SHS HOT FORMED

BS EN 10210-1 : 1994 S355J2H

Size (mm)	Kg/m
40 x 40 x 3.0	3.41
40 x 40 x 3.2	3.61
40 x 40 x 4.0	4.39
40 x 40 x 5.0	5.28
50 x 50 x 3.0	4.35
50 x 50 x 3.2	4.62
50 x 50 x 4.0	5.64
50 x 50 x 5.0	6.85
50 x 50 x 6.3	8.31
60 x 60 x 3.0	5.29
60 x 60 x 3.2	5.62
60 x 60 x 4.0	6.90
60 x 60 x 5.0	8.42
60 x 60 x 6.3	10.30
60 x 60 x 8.0	12.50
70 x 70 x 3.0	6.24
70 x 70 x 3.6	7.40
70 x 70 x 5.0	9.99
70 x 70 x 6.3	12.30
70 x 70 x 8.0	15.00
80 x 80 x 3.0	7.18
80 x 80 x 3.6	8.53
80 x 80 x 5.0	11.60
80 x 80 x 6.3	14.20
80 x 80 x 8.0	17.50
90 x 90 x 3.6	9.66
90 x 90 x 5.0	13.10
90 x 90 x 6.3	16.20
90 x 90 x 8.0	20.10

Size (mm)	Kg/m
100 x 100 x 4.0	11.90
100 x 100 x 5.0	14.70
100 x 100 x 6.3	18.20
100 x 100 x 8.0	22.60
100 x 100 x 10.0	27.40
120 x 120 x 5.0	17.80
120 x 120 x 6.3	22.20
120 x 120 x 8.0	27.60
120 x 120 x 10.0	33.70
120 x 120 x 12.5	40.90
140 x 140 x 5.0	21.00
140 x 140 x 6.3	26.10
140 x 140 x 8.0	32.60
140 x 140 x 10.0	40.00
140 x 140 x 12.5	48.70
150 x 150 x 5.0	22.60
150 x 150 x 6.3	28.10
150 x 150 x 8.0	35.10
150 x 150 x 10.0	43.10
150 x 150 x 12.5	52.70
150 x 150 x 16.0	65.20
160 x 160 x 5.0	24.10
160 x 160 x 6.3	30.10
160 x 160 x 8.0	37.60
160 x 160 x 10.0	46.30
160 x 160 x 12.5	56.60
160 x 160 x 16.0	70.20

Size (mm)	Kg/m
180 x 180 x 5.0	27.30
180 x 180 x 6.3	34.00
180 x 180 x 8.0	42.70
180 x 180 x 10.0	52.50
180 x 180 x 12.5	64.40
180 x 180 x 16.0	80.20
200 x 200 x 5.0	30.40
200 x 200 x 6.3	38.00
200 x 200 x 8.0	47.70
200 x 200 x 10.0	58.80
200 x 200 x 12.5	72.30
200 x 200 x 16.0	90.30
250 x 250 x 6.3	47.90
250 x 250 x 8.0	60.30
250 x 250 x 10.0	74.50
250 x 250 x 12.5	91.90
250 x 250 x 16.0	115.00
300 x 300 x 6.3	57.80
300 x 300 x 8.0	72.80
300 x 300 x 10.0	90.20
300 x 300 x 12.5	112.00
300 x 300 x 16.0	141.00
350 x 350 x 8.0	85.40
350 x 350 x 10.0	106.00
350 x 350 x 12.5	131.00
350 x 350 x 16.0	166.00
400 x 400 x 10.0	122.00
400 x 400 x 12.5	151.00
400 x 400 x 16.0	191.00

# RHS HOT FORMED

BS EN 10210-1 : 1994 S355J2H

Size (mm)	Kg/m
50 x 30 x 3.2	36.10
50 x 30 x 4.0	4.39
50 x 30 x 5.0	5.28
60 x 40 x 3.2	4.62
60 x 40 x 4.0	5.64
60 x 40 x 5.0	6.85
80 x 40 x 3.2	5.62
80 x 40 x 4.0	6.90
80 x 40 x 5.0	8.42
80 x 40 x 6.3	10.30
90 x 50 x 3.6	7.40
90 x 50 x 5.0	9.99
90 x 50 x 6.3	12.30
100 x 50 x 3.2	7.13
100 x 50 x 4.0	8.78
100 x 50 x 5.0	10.80
100 x 50 x 6.3	13.30
100 x 50 x 8.0	16.30
100 x 60 x 3.6	8.53
100 x 60 x 5.0	11.60
100 x 60 x 6.3	14.20
100 x 60 x 8.0	17.50
120 x 60 x 3.6	9.66
120 x 60 x 5.0	13.10
120 x 60 x 6.3	16.20
120 x 60 x 8.0	20.10
120 x 80 x 5.0	14.70
120 x 80 x 6.3	18.20
120 x 80 x 8.0	22.60
120 x 80 x 10.0	27.40

Size (mm)	Kg/m
150 x 100 x 4.0	15.10
150 x 100 x 5.0	18.60
150 x 100 x 6.0	21.70
150 x 100 x 6.3	23.10
150 x 100 x 8.0	28.90
150 x 100 x 10.0	35.30
150 x 100 x 12.5	42.80
160 x 80 x 4.0	14.40
160 x 80 x 5.0	17.80
160 x 80 x 6.3	22.20
160 x 80 x 8.0	27.60
160 x 80 x 10.0	33.70
160 x 80 x 12.5	40.90
200 x 100 x 5.0	22.60
200 x 100 x 6.3	28.10
200 x 100 x 8.0	35.10
200 x 100 x 10.0	43.10
200 x 100 x 12.5	52.70
200 x 100 x 16.0	65.20
200 x 120 x 5.0	24.10
200 x 120 x 6.3	30.10
200 x 120 x 8.0	37.60
200 x 120 x 10.0	46.30
200 x 120 x 12.5	56.60
200 x 150 x 8.0	41.40
200 x 150 x 10.0	51.00

Size (mm)	Kg/m
250 x 100 x 6.3	33.00
250 x 150 x 5.0	30.40
250 x 150 x 6.3	38.00
250 x 150 x 8.0	47.70
250 x 150 x 10.0	58.80
250 x 150 x 12.5	72.30
250 x 150 x 16.0	90.30
300 x 100 x 8.0	47.70
300 x 100 x 10.0	58.80
300 x 200 x 6.3	47.90
300 x 200 x 8.0	60.30
300 x 200 x 10.0	74.50
300 x 200 x 12.5	91.90
300 x 200 x 16.0	115.00
400 x 200 x 8.0	72.80
400 x 200 x 10.0	90.20
400 x 200 x 12.5	112.00
400 x 200 x 16.0	141.00
450 x 250 x 8.0	85.40
450 x 250 x 10.0	106.00
450 x 250 x 12.5	131.00
450 x 250 x 16.0	166.00
500 x 300 x 10.0	122.00
500 x 300 x 12.5	151.00
500 x 300 x 16.0	191.00

# BYSTRONICS BYSTAR 4025 - FLAT BED LASER

RESPONDING TO CHANGING CUSTOMER NEEDS TO COMBINE STEEL STOCKHOLDING AND PROCESSING; BARRETT STEEL MADE FURTHER INVESTMENT IN STATE OF THE ART FLATBED LASER CUTTING EQUIPMENT BY INSTALLING A BYSTRONICS BYSTAR 4025.

The £500k total investment allows us to provide better cutting tolerances on mild steel, stainless steel, aluminium, titanium and yellow materials, while the large bed size will lead to time and cost savings for customers.

The enhanced facilities benefit customers in the automotive, aerospace, construction, trailers, earth-moving equipment and general engineering fields, as well as those requiring decorative components for door plates, stairwells, kickplates, lift control panel plates and kitchen fitments.

The Bystar 4025 has a large bed size – 4m x 2½m - which results in higher productivity. We can therefore cut larger components with better nesting and produce more parts in less time. This reduction in cutting times means we can pass labour cost savings on to our customers.

The excellent cutting tolerances of the Bystar 4025 also improve the production and re-production of complex engineering parts – vital for designers and manufacturers of high performance machinery.



# FLOOR PLATE

BS EN 10051 : 1993 /  
BS EN 10025-2 : 2004 - S275JR

Thickness (mm)	Weight (kgm <sup>2</sup> )	2000 x 1000	2500 x 1250	3000 x 1500	4000 x 1750	4000 x 1830
3.0	27.50	■	■			
4.5	39.90	■	■	■	■	■
6.0	52.00	■	■	■	■	■
8.0	67.36	■	■	■	■	■
10.0	83.17	■	■	■	■	■
12.5	103.10	■	■	■	■	

# HOT ROLLED SHEET

BS EN 10111 : 1998  
DDII (HR4)

Thickness (mm)	Weight (kgm <sup>2</sup> )	2000 x 1000	2500 x 1250	3000 x 1500
1.6	12.56	■	■	■
2.0	15.70	■	■	■
2.5	19.63	■	■	

# COLD REDUCED SHEET

BS EN 10130 : 1999 DC01

Thickness (mm)	Weight (kgm <sup>2</sup> )	2000 x 1000	2500 x 1250	3000 x 1500
0.5	3.93	■	■	
0.6	4.71	■	■	
0.7	5.50	■	■	
0.8	6.28	■	■	
1.0	7.85	■	■	
1.2	9.42	■	■	■
1.6	13.44	■	■	■
2.0	15.70	■	■	■
2.5	19.63	■	■	■
3.0	23.55	■	■	■
3.2	25.12	■	■	

# GALVANISED SHEET

BS EN 10327 : 2005 DX51DZ

Thickness (mm)	Weight (kgm <sup>2</sup> )	2000 x 1000	2000 x 1250	2500 x 1250
0.6	4.77	■		■
0.8	6.36	■	■	■
0.9	7.07	■	■	■
1.0	7.95	■	■	■
1.2	9.54	■	■	■
1.5	11.93			■
1.6	12.56	■	■	■
2.0	15.90	■		■
3.0	23.85			■

# PROFILING

OUR HIGHLY SOPHISTICATED PROFILING SOFTWARE IS INCREASINGLY IN DEMAND: VARIOUS DESIGNS CAN BE TRIALLED INEXPENSIVELY, WITH FINAL VERSIONS SECURELY STORED ON OUR COMPUTERS.

No matter how complex the shape, we can store your programme for repeated use, ensuring lower costs, faster turnaround time and maximum accuracy and consistency.

We use numerous profiling methods including plasma and gas cutting. Our sophisticated computing facilities means that our CAD department can import and work with most current industrial formats including DXF, DWG, NC, CDC, HPGL and IGES.

# PLATES

BS EN 10029 : 1991 BS EN 10051 : 1992  
BS EN 10025-2 : 2004 - S275JR / S355JR / S355J2

Thickness (mm)	Weight (kgm <sup>2</sup> )	2000 x 1000	2500 x 1250	3000 x 1500	3660 x 1830	4000 x 2000	6000 x 2000	8000 x 2000
3.0	23.55	■	■	■	■	■		
4.0	31.40	■	■	■	■	■		
5.0	39.25	■	■	■	■	■		
6.0	47.10	■	■	■	■	■	■	
8.0	62.80	■	■	■	■	■	■	■
10.0	78.50	■	■	■	■	■	■	■
12.5	98.12	■	■	■	■	■	■	■
15.0	117.75	■	■	■		■	■	■
20.0	157.00	■	■	■		■	■	■
22.0	172.70	■	■			■		
25.0	196.25	■	■	■		■	■	■
30.0	235.50	■	■	■		■	■	■
32.0	251.20	■	■			■		
35.0	274.80	■	■	■		■		
40.0	314.00	■	■	■		■	■	■
45.0	353.30	■	■	■		■		
50.0	392.50	■	■	■		■	■	
55.0	431.80	■	■	■		■		
60.0	471.00	■	■	■		■	■	
65.0	510.30	■	■	■		■	■	
70.0	549.50	■	■	■		■	■	■
75.0	588.80	■	■	■		■	■	
80.0	628.00	■	■			■		
85.0	667.30	■	■			■		
90.0	706.50	■	■			■		
95.0	745.80	■	■			■		
100.0	785.00	■	■			■		
120.0	942.00		■			■		
130.0	1020.00		■			■		
150.0	1177.50		■			■		

# PLATES CONT.

BS EN 10029 : 1991 BS EN 10051 : 1992

BS EN 10025-2 : 2004 - S275JR / S355JR / S355J2

Thickness (mm)	Weight (kgm <sup>2</sup> )	5000 x 2500	6000 x 2500	8000 x 2500	10000 x 2500	6000 x 3000	7500 x 3000	9000 x 3000
3.0	23.55							
4.0	31.40							
5.0	39.25		■					
6.0	47.10		■	■				
8.0	62.80	■	■	■	■	■	■	
10.0	78.50	■	■	■	■	■	■	■
12.5	98.12	■	■	■	■	■	■	■
15.0	117.75	■	■	■	■	■	■	■
20.0	157.00	■	■	■	■	■	■	■
22.0	172.70	■						
25.0	196.25	■	■	■	■	■	■	■
30.0	235.50		■	■	■	■		■
32.0	251.20	■						
35.0	274.80	■	■			■		
40.0	314.00	■	■	■	■	■		■
45.0	353.30	■	■			■		
50.0	392.50	■	■					■
55.0	431.80	■						
60.0	471.00	■	■			■		
65.0	510.30	■	■			■		
70.0	549.50	■				■		
75.0	588.80	■	■			■		
80.0	628.00	■				■		
85.0	667.30	■						
90.0	706.50	■						
95.0	745.80	■						
100.0	785.00	■						
120.0	942.00							
130.0	1020.00							
150.0	1177.50							

# SQUARE ERW TUBE

BS 6323 : PART 5 : 1982 ERW 1 KM /

BS EN 10305-3 : 2002 E220

Size (mm)	Wall Thickness (mm)									
	0.7	0.8	0.9	1.0	1.2	1.5	1.6	2.0	2.5	3.0
8 x 8	■	■	■	■	■	■				
9 x 9	■	■	■	■	■	■				
10 x 10	■	■	■	■	■	■				
12 x 12	■	■	■	■	■	■				
12.7 x 12.7	■	■	■	■	■	■				
15 x 15	■	■	■	■	■	■	■	■		
15.8 x 15.8	■	■	■	■	■	■	■	■		
18 x 18			■	■	■	■	■	■		
19.05 x 19.05			■	■	■	■	■	■		
20 x 20			■	■	■	■	■	■	■	
22 x 22			■	■	■	■	■	■		
22.2 x 22.2			■	■	■	■	■	■		
25 x 25			■	■	■	■	■	■	■	■
25.4 x 25.4			■	■	■	■	■	■	■	■
28.6 x 28.6			■	■	■	■	■	■		
30 x 30					■	■	■	■	■	■
31.7 x 31.7					■	■	■	■	■	■
35 x 35					■	■	■	■	■	■
38.1 x 38.1					■	■	■	■	■	■
40 x 40					■	■	■	■	■	■
45 x 45						■	■	■	■	■
50 x 50						■	■	■	■	■
50.8 x 50.8						■	■	■	■	■
60 x 60						■	■	■	■	■
70 x 70						■	■	■	■	■
80 x 80						■	■	■	■	■
90 x 90						■	■	■	■	■
100 x 100						■	■	■	■	■

# CIRCULAR ERW TUBE

BS 6323 : PART 5 : 1982 ERW 1 KM /  
BS EN 10305-3 : 2002 E220

Size (mm)	Wall Thickness (mm)									
	0.7	0.8	0.9	1.0	1.2	1.5	1.6	2.0	2.5	3.0
8.00	■	■	■	■	■	■				
9.52	■	■	■	■	■	■				
10.00	■	■	■	■	■	■	■	■		
11.00	■	■	■	■	■	■	■	■		
12.00	■	■	■	■	■	■	■	■		
12.70	■	■	■	■	■	■	■	■		
13.00	■	■	■	■	■	■	■	■		
14.00	■	■	■	■	■	■	■	■		
15.00	■	■	■	■	■	■	■	■		
15.80		■	■	■	■	■	■	■		
16.00		■	■	■	■	■	■	■		
17.40			■	■	■	■	■			
18.00		■	■	■	■	■	■	■		
19.05	■	■	■	■	■	■	■	■		
20.00		■	■	■	■	■	■	■		
20.80				■	■	■	■	■	■	
21.00				■	■	■	■	■	■	
22.00			■	■	■	■	■	■		
22.20			■	■	■	■	■	■		
24.00			■	■	■	■	■	■		
25.00			■	■	■	■	■	■		
25.40			■	■	■	■	■	■		
26.90			■	■	■	■	■	■	■	■
27.00			■	■	■	■	■	■	■	■
28.00			■	■	■	■	■	■	■	■
28.60			■	■	■	■	■	■	■	■
29.00			■	■	■	■	■	■	■	■
30.00			■	■	■	■	■	■		
31.70			■	■	■	■	■	■	■	■
32.00			■	■	■	■	■	■	■	■
33.70			■	■	■	■	■	■	■	■
34.90			■	■	■	■	■	■	■	■

Continued over

# CIRCULAR ERW TUBE CONT.

BS 6323 : PART 5 : 1982 ERW 1 KM /  
BS EN 10305-3 : 2002 E220

Size (mm)	Wall Thickness (mm)							
	0.9	1.0	1.2	1.5	1.6	2.0	2.5	3.0
35.00	■	■	■	■	■	■	■	■
36.00	■	■	■	■	■	■	■	■
38.10	■	■	■	■	■	■	■	■
40.00		■	■	■	■	■	■	■
41.00		■	■	■	■	■	■	■
41.27	■	■	■	■	■	■	■	■
42.00		■	■	■	■	■	■	■
42.40				■	■	■	■	■
44.00		■	■	■	■	■	■	■
44.45		■	■	■	■	■	■	■
45.00			■	■	■	■	■	■
46.00			■	■	■	■	■	■
47.00			■	■	■	■	■	■
47.60		■	■	■	■	■	■	■
48.00			■	■	■	■	■	■
50.00			■	■	■	■	■	■
50.80		■	■	■	■	■	■	■
54.00			■	■	■	■	■	■
57.15			■	■	■	■	■	■
60.00			■	■	■	■	■	■
60.30			■	■	■	■	■	■
63.50				■	■	■	■	■
70.00				■	■	■	■	■
76.20				■	■	■	■	■
88.90				■	■	■	■	■
93.00				■	■	■	■	■
101.60				■	■	■	■	■
108.00				■	■	■	■	■
114.30				■	■	■	■	■
127.00				■	■	■	■	■
133.00				■	■	■	■	■
139.70				■	■	■	■	■



# RECTANGULAR ERW TUBE

BS 6323 : PART 5 : 1982 ERW 1 KM /  
BS EN 10305-3 : 2002 E220

Size (mm)	Wall Thickness (mm)									
	0.7	0.8	0.9	1.0	1.2	1.5	1.6	2.0	2.5	3.0
12 x 8	■	■	■	■	■	■	■			
20 x 10		■	■	■	■	■	■	■		
20 x 15		■	■	■	■	■	■	■		
25 x 10		■	■	■	■	■	■	■		
25 x 15		■	■	■	■	■	■	■		
25.4 x 12.7		■	■	■	■	■	■	■		
30 x 10		■	■	■	■	■	■	■		
30 x 15		■	■	■	■	■	■	■		
30 x 20		■	■	■	■	■	■	■		
30 x 25		■	■	■	■	■	■	■		
31.7 x 15.8						■	■	■		
34.15 x 15		■	■	■	■	■	■	■		
34.9 x 15.8		■	■	■	■	■	■	■		
35 x 15		■	■	■	■	■	■	■		
35 x 20		■	■	■	■	■	■	■		
35 x 25		■	■	■	■	■	■	■		
38.1 x 12.7		■	■	■	■	■	■	■		
38.1 x 19.05		■	■	■	■	■	■	■		
38.1 x 25.4		■	■	■	■	■	■	■		
40 x 10		■	■	■	■	■	■	■		
40 x 15		■	■	■	■	■	■	■		
40 x 20		■	■	■	■	■	■	■	■	■
40 x 25					■	■	■	■	■	
40 x 30					■	■	■	■	■	■
44.4 x 15.8					■	■	■			
45 x 15					■	■	■	■		
45 x 20					■	■	■			
45 x 25					■	■	■			
50 x 10				■	■	■	■	■		
50 x 20					■	■	■	■		
50 x 25					■	■	■	■	■	■
50 x 30					■	■	■	■	■	■
50 x 34						■		■	■	■
50 x 35						■		■	■	■
50 x 40						■		■	■	■

# RECTANGULAR ERW TUBE CONT.

BS 6323 : PART 5 : 1982 ERW 1 KM /  
BS EN 10305-3 : 2002 E220

Size (mm)	Wall Thickness (mm)					
	1.2	1.5	1.6	2.0	2.5	3.0
50.8 x 25.4	■	■	■	■	■	■
55 x 30		■	■	■	■	■
57.15 x 31.75	■	■		■		
60 x 15		■	■	■		
60 x 20		■	■	■	■	■
60 x 25		■	■	■	■	■
60 x 30		■	■	■	■	■
60 x 40		■		■	■	■
63.5 x 25.4		■	■	■	■	■
63.5 x 38.1		■	■	■	■	■
70 x 25		■	■	■	■	■
70 x 30		■	■	■	■	■
70 x 40		■	■	■	■	■
70 x 50		■	■	■	■	■
70 x 65		■	■	■	■	■
76.2 x 25.4		■		■		
76.2 x 38.1		■	■	■	■	■
76.2 x 50.8		■		■	■	
80 x 20		■		■	■	
80 x 25		■		■	■	■
80 x 30		■		■	■	■
80 x 35		■		■	■	■
80 x 40		■		■	■	■
80 x 60		■		■	■	■
88.9 x 38.1		■		■	■	■
100 x 25		■		■	■	
100 x 30		■		■	■	
100 x 34		■		■	■	
100 x 40		■		■	■	■
100 x 50		■		■	■	■
100 x 60		■		■	■	■
120 x 40		■		■	■	
120 x 60		■		■	■	■
120 x 80		■		■	■	■
150 x 50		■		■	■	■

# FASTEC HANDRAIL SYSTEM

## REVOLUTIONARY STAINLESS STEEL MODULAR HANDRAIL SYSTEM

Fastec Handrail Systems specialise in the supply and delivery of off-the-shelf stainless steel modular handrail fittings.

Extensive use of stainless steel and glass is a hallmark of today's contemporary and minimalist design. Fastec have developed ranges of structural glass and stainless steel balustrade systems providing comprehensive design solutions that are functionally practical and, above all – visually dramatic.

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> TESTED TO BS6399-1:1996

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more  or  
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with all fittings**

## Fittings



## Mirror Polished



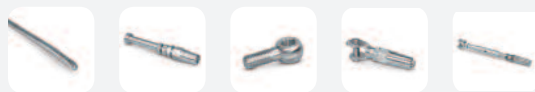
## Glass Clamps



## Glass Connectors & Panel Holders



## Wiretec



## Timbertec



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We recommend our Fastec Model 1900 system tube to ensure a quality fit and quicker installation times. We also sell standard D3 tolerance tube for when price constraints take precedent.

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# WELDED MESH

Welded Mesh is available either self colour or galvanised.  
Weights quoted are for self colour and are approximate.

Specification (Mesh x Wire Diameter)	Standard Panel (kg)				
	4' x 8'	6' x 12'	6' x 4'	6' x 3'	7' x 12'
2" x 3" x 6g	16.35	36.42	12.31	9.29	42.41
3" x 3" x 6g	11.07	24.54	8.35	6.32	28.54
3" x 6" x 6g	8.43	18.59	6.36	4.83	21.60
1" x 1" x 8g	22.70	50.90	17.08	12.86	59.33
2" x 1" x 8g	17.13	38.29	12.87	9.71	44.63
2" x 2" x 8g	11.54	25.69	8.68	6.56	29.94
3" x 1/2" x 8g	26.47	59.30	19.88	14.96	69.12
3" x 3" x 8g	7.81	17.32	5.88	4.46	20.15
1" x 1" x 10g	13.98	31.29	10.50	7.91	36.49
1 1/2" x 1 1/2" x 10g	9.40	20.98	7.06	5.33	24.44
2" x 1" x 10g	10.54	23.55	7.92	5.97	27.44
2" x 2" x 10g	7.10	15.80	5.35	4.03	18.40
3" x 1/2" x 10g	16.28	36.47	12.23	9.20	42.52
3" x 1" x 10g	9.39	20.97	7.06	5.33	24.45
3" x 3" x 10g	4.81	10.65	3.62	2.74	12.38
4" x 4" x 10g	3.65	8.07	2.76	2.10	9.38
1" x 1" x 12g	8.73	19.53	6.56	4.93	22.70
1 1/2" x 1 1/2" x 12g	5.86	13.08	4.41	3.32	15.24
2" x 1" x 12g	6.58	14.70	4.94	3.72	17.12
2" x 2" x 12g	4.43	9.86	3.33	2.52	11.49
3" x 1/2" x 12g	10.16	22.76	7.63	5.74	26.51
3" x 1" x 12g	5.86	13.09	4.41	3.32	15.24
75mm x 25mm x 6g/10g	13.60	30.20	10.20	7.08	35.20

# WELDED MESH CONT.

Welded Mesh is available either self colour or galvanised.  
Weights quoted are for self colour and are approximate.

Specification (Mesh x Wire Diameter)	60ft Rolls (kg)		
	84"	72"	48"
2" x 3" x 6g	211.00	181.20	121.60
3" x 3" x 6g	141.60	121.70	82.00
3" x 6" x 6g	106.90	92.00	62.10
1" x 1" x 8g	295.80	253.80	169.80
2" x 1" x 8g	222.40	190.80	127.80
2" x 2" x 8g	148.90	127.90	85.80
3" x 1/2" x 8g	344.80	295.80	197.80
3" x 3" x 8g	99.90	85.90	57.80
1" x 1" x 10g	182.00	156.10	104.40
1 1/2" x 1 1/2" x 10g	121.70	104.50	70.00
2" x 1" x 10g	136.80	117.40	78.60
2" x 2" x 10g	91.60	78.70	52.80
3" x 1/2" x 10g	212.10	181.90	121.70
3" x 1" x 10g	121.70	104.50	70.00
3" x 3" x 10g	61.50	52.80	35.60
4" x 4" x 10g	46.40	39.90	27.00
1" x 1" x 12g	113.50	97.30	65.10
1 1/2" x 1 1/2" x 12g	75.90	65.10	43.70
2" x 1" x 12g	85.30	73.20	49.00
2" x 2" x 12g	57.10	49.00	32.90
3" x 1/2" x 12g	132.10	113.40	75.90
3" x 1" x 12g	75.90	65.10	43.70
75mm x 25mm x 6g/10g	162.40	139.50	93.90

# HANDRAILS & WALKWAYS

## HANDRAILS

Our handrails systems are suitable for use in all types of industry. They are ideal for any internal or external area requiring a stable edge protection barrier as well as where protection is needed against stationary or moving machinery.

Typical applications include:

- Platforms
- Mezzanines
- Stairways
- Gantries

## TUBECLAMPS

Our comprehensive range of fittings means that tubeclamps can be used both temporarily and permanently. Our tubeclamps are iron casted with a galvanised finish

and have been manufactured with ease of use very much in mind. No welding, no bending, no threading. Just a hexagonal key is needed to join the tubing together.

## FLOORING

When choosing a flooring product for your project there are a number of considerations to bear in mind - aesthetic requirements, functionality and cost implications.

We have taken these into account when developing our range of flooring which offers a wide range of products to meet everyone's personal needs.

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# NOMINAL BORE

BS EN 10255 : 2004

Available in self colour, black or galvanised - screwed and socketed or plain end.

Nominal Bore (mm)	Outside Diameter (mm)		Thickness (mm)
	(min)	(max)	
8	13.30	13.90	2.35
10	16.80	17.40	2.35
15	21.10	21.70	2.65
20	26.60	27.20	2.65
25	33.40	34.20	3.25
32	40.10	42.90	3.25
40	48.00	48.80	3.25
50	59.80	60.80	3.65
65	75.40	76.60	3.65
80	88.10	89.50	4.05
100	113.30	114.90	4.05
125	138.70	140.60	4.85
150	164.10	166.10	4.85



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