BRITISH STEEL

Steel Stock Range & Specifications

BUILDING STRONGER FUTURES

OUR SUPPORT NETWORK

The locations shown here are correct at the time of publication.
For the latest details of your nearest location, please visit britishsteel.co.uk/local.

/company/british-steel
@BritishSteelUK
/BritishSteelUK
/BritishSteel

FOR ALL YOUR STEEL REQUIREMENTS & MORE

Who we are

British Steel was launched in June 2016 and is ne of the leading steel manufacturers in Europe, producing around 3 million tonnes of quality steel products every year. We have manufacturing facilities across the UK, France and the Netherlands, supplying premium products around the world. We also have an extensive network of service centres and metal centres, for which contact details can be found at the back of this booklet.

What we do

Our team of around 4,800 employees are at the heart of everything we do. We're proud of our heritage and what we provide, aiming to meet customers' needs first time, every time. We're always striving to improve – our aim is to become the steel supplier of choice.

The markets we serve

Automotive

Construction

Energy & Power

Lifting & Excavating

Defence & Security

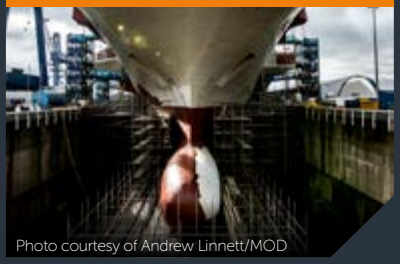

Photo courtesy of Andrew Linnett/MOD

Rail Infrastructure

Consumer Goods

FOR ALL YOUR STEEL REQUIREMENTS & MORE

What we can do for you

British Steel can supply you with far more than just advanced materials. We also offer unrivalled technical, engineering and processing resources, expertise in materials management, logistics and the latest in e-commerce systems. We are committed to supplying innovative material solutions that add real value to you. Our network includes multi-product service and metal centres working alongside our specialist businesses to allow us to provide a personal, local service whilst meeting all the material requirements you have – no matter how large, small or specialised.

This stock range booklet has been designed as a guide to help steel buyers and specifiers of heavy and light sections, tubing, sheet, plate and other associated products. This wide product range is constantly growing and although we believe that we have included the majority of sizes, through our continuing policy of product improvement, specifications and sizes may at times be altered.

Not all the products and sizes listed will be in stock at every business unit. However, each local business is supported by two central distribution hub warehouses, ensuring that supplies are available for speedy and efficient delivery. Additionally, we have unsurpassed contacts with manufacturing mills, so that we can often assist in locating unusual or difficult product sizes.

Please contact your local account manager for details on availability of any particular size or specific requirements you have.

We are also able to offer a range of additional services and processes including cut to length, straight and mitre cutting, shotblasting, priming and painting. This means we can supply you with products in the exact shape or length required for immediate production or fabrication.

For further information on these and other British Steel products or specifications, please contact your nearest local British Steel centre. A full list of these is printed at the back of this booklet. Alternatively, e-mail construction@britishsteel.co.uk

Sustainability

British Steel earns a 'very good' rating under the Sustainability standard BES 6001. This recognises that we make our products using responsibly sourced materials. Achieving the BES 6001 standard certifies that we continually improve in energy efficiency, greenhouse gas emissions and waste management, and engage positively with the communities in which we are a part of.

britishsteel.co.uk/who-we-are/sustainability/

We have a record of developing innovative products and processes that contribute to a lower carbon future. Sustainability is embedded in our company ethos, and we are committed to leading the UK steel industry in this arena.

Approvals & certifications

britishsteel.co.uk/who-we-are/approvals-certifications/

On all British Steel manufactured products

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1 BEAMS

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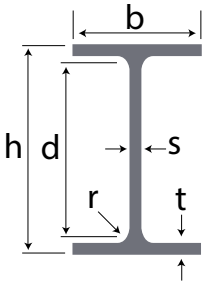
1 BEAMS

Universal Beams

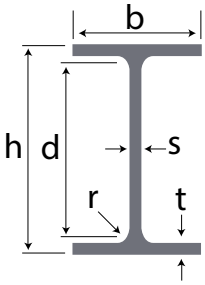
Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017 (where applicable)
Tolerance EN 10034:1993



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	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
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	12.7	306.6
356 x 171 x 51	51.0	355.0	171.5	7.4	11.5	12.7	306.6
356 x 171 x 57	57.0	358.0	172.2	8.1	13.0	12.7	306.6
356 x 171 x 67	67.1	363.4	173.2	9.1	15.7	12.7	306.6
406 x 140 x 39	39.0	398.0	141.8	6.4	8.6	12.7	355.4
406 x 140 x 46	46.0	403.2	142.2	6.8	11.2	12.7	355.4
406 x 140 x 53	53.3	406.6	143.3	7.9	12.9	12.7	355.4
406 x 178 x 54	54.1	402.6	177.7	7.7	10.9	12.7	355.4
406 x 178 x 60	60.1	406.4	177.9	7.9	12.8	12.7	355.4
406 x 178 x 67	67.1	409.4	178.8	8.8	14.3	12.7	355.4
406 x 178 x 74	74.2	412.8	179.5	9.5	16.0	12.7	355.4
406 x 178 x 85	85.3	417.2	181.9	10.9	18.2	12.7	355.4

1 BEAMS

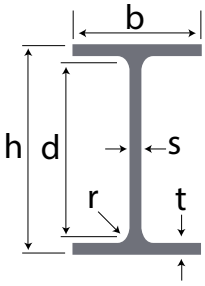
Universal Beams



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	mm
457 x 152 x 52	52.3	449.8	152.4	7.6	10.9	12.7	402.6
457 x 152 x 60	59.8	454.6	152.9	8.1	13.3	12.7	402.6
457 x 152 x 67	67.2	458.0	153.8	9.0	15.0	12.7	402.6
457 x 152 x 74	74.2	462.0	154.4	9.6	17.0	12.7	402.6
457 x 152 x 82	82.1	465.8	155.3	10.5	18.9	12.7	402.6
457 x 191 x 67	67.1	453.4	189.9	8.5	12.7	12.7	402.6
457 x 191 x 74	74.3	457.0	190.4	9.0	14.5	12.7	402.6
457 x 191 x 82	82.0	460.0	191.3	9.9	16.0	12.7	402.6
457 x 191 x 89	89.3	463.4	191.9	10.5	17.7	12.7	402.6
457 x 191 x 98	98.3	467.2	192.8	11.4	19.6	12.7	402.6
457 x 191 x 106	105.8	469.2	194.0	12.6	20.6	12.7	402.6
457 x 191 x 133	133.3	480.6	196.7	15.3	26.3	12.7	402.6
457 x 191 x 161	161.4	492.0	199.4	18.0	32.0	12.7	402.6
533 x 165 x 66	65.7	524.7	165.1	8.9	11.4	12.7	476.5
533 x 165 x 74	74.7	529.1	165.9	9.7	13.6	12.7	476.5
533 x 165 x 85	84.8	534.9	166.5	10.3	16.5	12.7	476.5
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
533 x 210 x 138	138.3	549.1	213.9	14.7	23.6	12.7	476.5
533 x 312 x 150	150.6	542.5	312.0	12.7	20.3	12.7	476.5
533 x 312 x 182	181.5	550.7	314.5	15.2	24.4	12.7	476.5
533 x 312 x 219	218.7	560.3	317.4	18.3	29.2	12.7	476.5
533 x 312 x 272	273.2	577.1	320.2	21.1	37.6	12.7	476.5
610 x 178 x 82	81.8	598.6	177.9	10.0	12.8	20.0	533.0
610 x 178 x 92	92.2	603.0	178.8	10.9	15.0	20.0	533.0
610 x 178 x 100	100.3	607.4	179.2	11.3	17.2	20.0	533.0
610 x 229 x 101	101.2	602.6	227.6	10.5	14.8	20.0	533.0
610 x 229 x 113	113.0	607.6	228.2	11.1	17.3	20.0	533.0
610 x 229 x 125	125.1	612.2	229.0	11.9	19.6	20.0	533.0
610 x 229 x 140	139.9	617.2	230.2	13.1	22.1	20.0	533.0

1 BEAMS

Universal Beams



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	mm
610 x 305 x 149	149.2	612.4	304.8	11.8	19.7	20.0	533.0
610 x 305 x 179	179.0	620.2	307.1	14.1	23.6	20.0	533.0
610 x 305 x 238	238.1	635.8	311.4	18.4	31.4	20.0	533.0
686 x 254 x 125	125.2	677.9	253.0	11.7	16.2	20.0	605.5
686 x 254 x 140	140.1	683.5	253.7	12.4	19.0	20.0	605.5
686 x 254 x 152	152.4	687.5	254.5	13.2	21.0	20.0	605.5
686 x 254 x 170	170.2	692.9	255.8	14.5	23.7	20.0	605.5
762 x 267 x 134	133.9	750.0	264.4	12.0	15.5	20.0	679.0
762 x 267 x 147	146.9	754.0	265.2	12.8	17.5	20.0	679.0
762 x 267 x 173	173.0	762.2	266.7	14.3	21.6	20.0	679.0
762 x 267 x 197	196.8	769.8	268.0	15.6	25.4	20.0	679.0
838 x 292 x 176	175.9	834.9	291.7	14.0	18.8	20.0	757.3
838 x 292 x 194	193.8	840.7	292.4	14.7	21.7	20.0	757.3
838 x 292 x 226	226.5	850.9	293.8	16.1	26.8	20.0	757.3
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
1016 x 305 x 222	222.0	970.3	300.0	16.0	21.1	30.0	868.1
1016 x 305 x 249	248.7	980.1	300.0	16.5	26.0	30.0	868.1
1016 x 305 x 272	272.3	990.1	300.0	16.5	31.0	30.0	868.1
1016 x 305 x 314	314.3	999.9	300.0	19.1	35.9	30.0	868.1
1016 x 305 x 349	349.4	1008.1	302.0	21.1	40.0	30.0	868.1
1016 x 305 x 393	392.7	1015.9	303.0	24.4	43.9	30.0	868.1
1016 x 305 x 437	437.0	1026.1	305.4	26.9	49.0	30.0	868.1
1016 x 305 x 487	486.7	1036.3	308.5	30.0	54.1	30.0	868.1

2 COLUMNS

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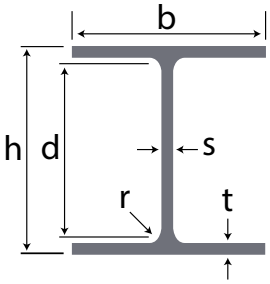
2 COLUMNS

Universal Columns

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017 (where applicable)
Tolerance EN 10034:1993



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	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
152 x 152 x 44	44.0	166.0	155.9	9.5	13.6	7.6	123.6
152 x 152 x 51	51.2	170.2	157.4	11.0	15.7	7.6	123.6
203 x 203 x 46	46.1	203.2	203.6	7.2	11.0	12.7	155.8
203 x 203 x 52	52.0	206.2	204.3	7.9	12.5	12.7	155.8
203 x 203 x 60	60.0	209.6	205.8	9.4	14.2	12.7	155.8
203 x 203 x 71	71.0	215.8	206.4	10.0	17.3	12.7	155.8
203 x 203 x 86	86.1	222.2	209.1	12.7	20.5	12.7	155.8
203 x 203 x 100	99.6	228.6	210.3	14.5	23.7	12.7	155.8
203 x 203 x 113	113.5	235.0	212.1	16.3	26.9	12.7	155.8
203 x 203 x 127	127.5	241.4	213.9	18.1	30.1	12.7	155.8
254 x 254 x 73	73.1	254.1	254.6	8.6	14.2	20.0	185.7
254 x 254 x 89	88.9	260.3	256.3	10.3	17.3	20.0	185.7
254 x 254 x 107	107.1	266.7	258.8	12.8	20.5	20.0	185.7
254 x 254 x 132	132.0	276.3	261.3	15.3	25.3	20.0	185.7
254 x 254 x 167	167.1	289.1	265.2	19.2	31.7	20.0	185.7
305 x 305 x 97	96.9	307.9	305.3	9.9	15.4	20.0	237.1
305 x 305 x 118	117.9	314.5	307.4	12.0	18.7	20.0	237.1
305 x 305 x 137	136.9	320.5	309.2	13.8	21.7	20.0	237.1
305 x 305 x 158	158.1	327.1	311.2	15.8	25.0	20.0	237.1
305 x 305 x 198	198.1	339.9	314.5	19.1	31.4	20.0	237.1
305 x 305 x 240	240.0	352.5	318.4	23.0	37.7	20.0	237.1
305 x 305 x 283	282.9	365.3	322.2	26.8	44.1	20.0	237.1
356 x 368 x 129	129.0	355.6	368.6	10.4	17.5	20.0	280.6
356 x 368 x 153	152.9	362.0	370.5	12.3	20.7	20.0	280.6
356 x 368 x 177	177.0	368.2	372.6	14.4	23.8	20.0	280.6
356 x 368 x 202	201.9	374.6	374.7	16.5	27.0	20.0	280.6
356 x 406 x 235	235.1	381.0	394.8	18.4	30.2	20.0	280.6
356 x 406 x 287	287.1	393.6	399.0	22.6	36.5	20.0	280.6
356 x 406 x 340	339.9	406.4	403.0	26.6	42.9	20.0	280.6
356 x 406 x 393	393.0	419.0	407.0	30.6	49.2	20.0	280.6
356 x 406 x 467	467.0	436.6	412.2	35.8	58.0	20.0	280.6
356 x 406 x 551	551.0	455.6	418.5	42.1	67.5	20.0	280.6
356 x 406 x 634	633.9	474.6	424.0	47.6	77.0	20.0	280.6

3 JOISTS & RAILS

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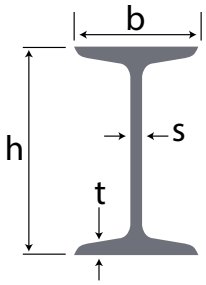
3 JOISTS & RAILS



Joists

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
102 x 44 x 7	7.5	101.6	44.5	4.3	6.1

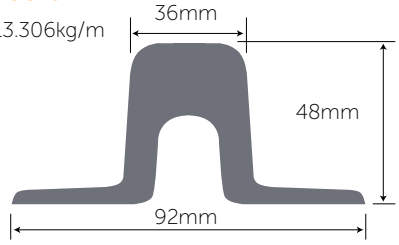
Other sizes available on request. Please refer to account manager for availability.

Bridge & Crane Rail

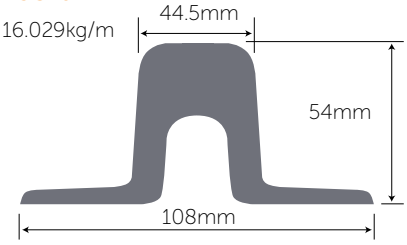
Steel feedstock for our rails is supplied from our modern steel making facilities and is designed around your product needs by our experts. Crane Rail is designed for high load and wear. It is a high carbon steel in line with DIN 536-1.

Bridge Rail

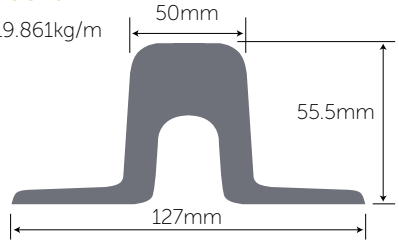
BSC13
13.306kg/m



BSC16
16.029kg/m

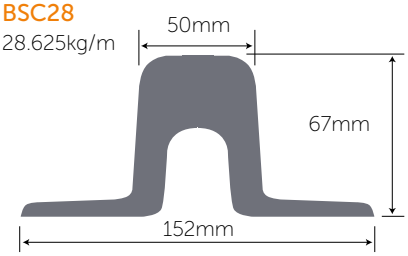


BSC20
19.861kg/m

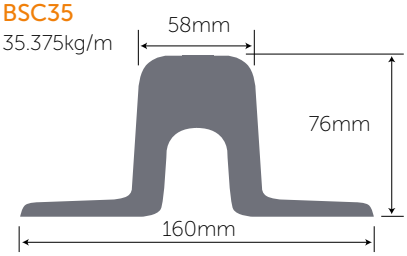


Bridge Rail

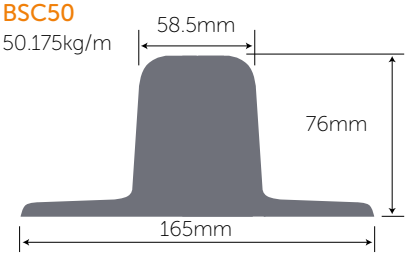
BSC28
28.625kg/m



BSC35
35.375kg/m



BSC50
50.175kg/m

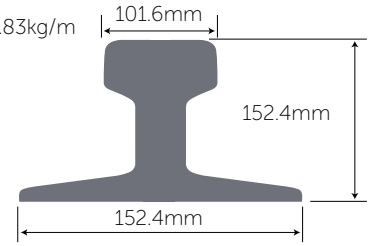


3 JOISTS & RAILS

Crane Rail

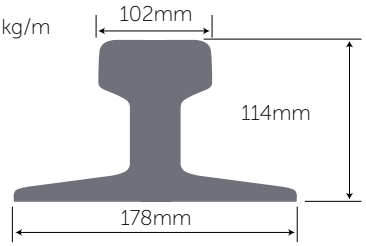
CR87

166.83kg/m



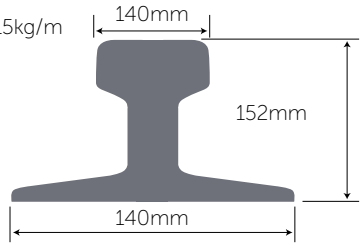
CR89

89.8kg/m



CR125

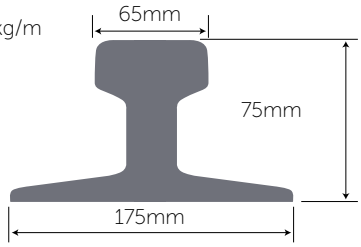
125.15kg/m



Crane Rail

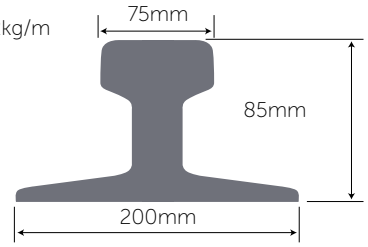
A65

43.1kg/m



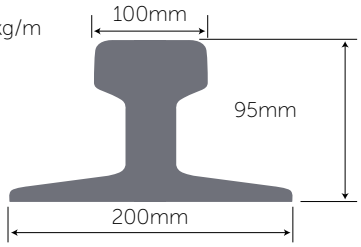
A75

56.2kg/m



A100

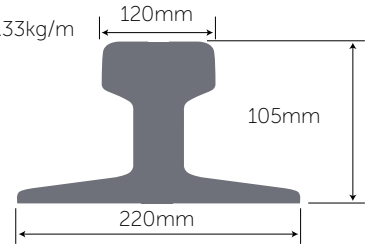
74.3kg/m



Crane Rail

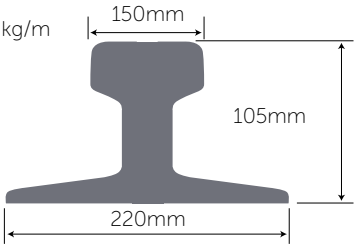
A120

100.33kg/m



A150

150.3kg/m



Tram Rail

Drawings not to scale.

Please refer to account manager for availability.

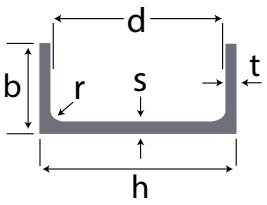
4 CHANNELS

RETURN TO CONTENTS

4 CHANNELS

Parallel Flange Channels

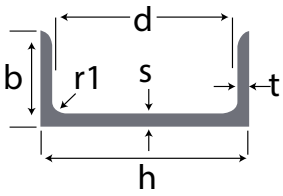
Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10279:2000



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	mm
100 x 50 x 10	10.2	100.0	50.0	5.0	8.5	9.0	65.0
125 x 65 x 15	14.8	125.0	65.0	5.5	9.5	12.0	82.0
150 x 75 x 18	17.9	150.0	75.0	5.5	10.0	12.0	106.0
150 x 90 x 24	23.9	150.0	90.0	6.5	12.0	12.0	102.0
180 x 75 x 20	20.3	180.0	75.0	6.0	10.5	12.0	135.0
180 x 90 x 26	26.1	180.0	90.0	6.5	12.5	12.0	131.0
200 x 75 x 23	23.4	200.0	75.0	6.0	12.5	12.0	151.0
200 x 90 x 30	29.7	200.0	90.0	7.0	14.0	12.0	148.0
230 x 75 x 26	25.7	230.0	75.0	6.5	12.5	12.0	181.0
230 x 90 x 32	32.2	230.0	90.0	7.5	14.0	12.0	178.0
260 x 75 x 28	27.6	260.0	75.0	7.0	12.0	12.0	212.0
260 x 90 x 35	34.8	260.0	90.0	8.0	14.0	12.0	208.0
300 x 90 x 41	41.4	300.0	90.0	9.0	15.5	12.0	245.0
300 x 100 x 46	45.5	300.0	100.0	9.0	16.5	15.0	237.0
380 x 100 x 54	54.0	380.0	100.0	9.5	17.5	15.0	315.0
430 x 100 x 64	64.4	430.0	100.0	11.0	19.0	15.0	362.0

Tapered Flange Channels

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10279:2000



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t	Root Radius r1	Depth between Fillets d
	kg/m	mm	mm	mm	mm	mm	mm
76 x 38	6.70	76.2	38.1	5.1	6.8	7.6	45.8

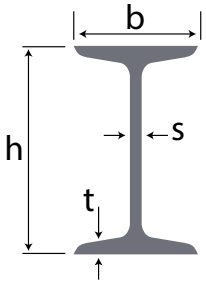
Also available - please refer to account manager for availability:

40 x 20 x 5	60 x 30 x 6	80 x 45 x 6
40 x 35 x 5	60 x 40 x 6	100 x 50 x 6
50 x 25 x 5	65 x 42 x 5.5	120 x 55 x 7
50 x 38 x 5	70 x 40 x 6	140 x 60 x 7

5 CONTINENTAL SECTIONS

RETURN TO CONTENTS

5 CONTINENTAL SECTIONS



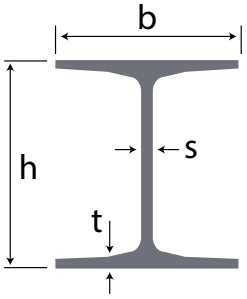
IPN Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
80	5.95	80	42	3.9	5.9
100	8.32	100	50	4.5	6.8
120	11.2	120	58	4.1	7.7
140	14.4	140	66	5.7	8.6
160	17.9	160	74	6.3	9.5
180	21.9	180	82	6.9	10.4
200	26.3	200	90	7.5	11.3
220	31.1	220	98	8.1	12.2
240	36.2	240	106	8.7	13.1
260	41.9	260	113	9.4	14.1
280	48.0	280	119	10.1	15.2
300	54.2	300	125	10.8	16.2
320	61.1	320	131	11.5	17.3
340	68.1	340	137	12.2	18.3
360	76.2	360	143	13.0	19.5
380	84.0	380	149	13.7	20.5
400	92.6	400	155	14.4	21.6
450	115	450	170	16.2	24.3
500	141	500	185	18.0	27.0
550	167	550	200	19.0	30.0

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS



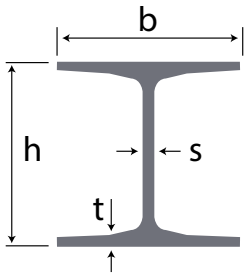
HEA Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	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	330	300	9.5	16.5
360	112	350	300	10.0	17.5
400	125	390	300	11.0	19.0
450	140	440	300	11.5	21.0
500	155	490	300	12.0	23.0
550	166	540	300	12.5	24.0
600	178	590	300	13.0	25.0
650	190	640	300	13.5	26.0
700	204	690	300	14.5	27.0
800	224	790	300	15.0	28.0
900	252	890	300	16.0	30.0
1000	272	990	300	16.5	31.0

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS



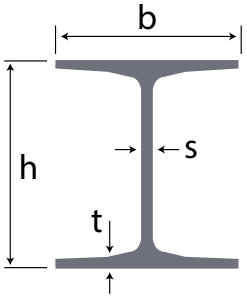
HEB Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	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	260	260	10.0	17.5
280	103	280	280	10.5	18.0
300	117	300	300	11.0	19.01
320	127	320	300	11.5	20.5
340	134	340	300	12.0	21.5
360	142	360	300	12.5	22.5
400	155	400	300	13.5	24.0
450	171	450	300	14.0	26.0
500	187	500	300	14.5	28.0
550	199	550	300	15.0	29.0
600	212	600	300	15.5	30.5
650	225	650	300	16.0	31.0
700	241	700	300	17.0	32.0
800	262	800	300	17.5	33.0
900	291	900	300	18.5	35.0
1000	314	1000	300	19.0	36.0

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS



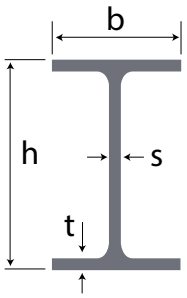
HEM Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
100	41.8	120	106	12.0	20
120	52.1	140	126	12.5	21
140	63.2	160	146	13.0	22
160	76.2	180	166	14.0	23
180	88.9	200	186	14.5	24
200	103	220	206	15.0	25
220	117	240	226	15.5	26
240	157	270	248	18.0	32
260	172	290	268	18.0	32.5
280	189	310	288	18.5	33
300	238	340	310	21.0	39
320	245	359	309	21.0	40
340	245	377	309	21.0	40
360	250	395	308	21.0	40
400	256	432	307	21.0	40
450	263	478	307	21.0	40
500	270	524	306	21.0	40
550	278	572	306	21.0	40
600	285	620	305	21.0	40
650	293	668	305	21.0	40
700	301	716	304	21.0	40
800	317	814	303	21.0	40
900	333	910	302	21.0	40
1000	349	1008	302	21.0	40

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS



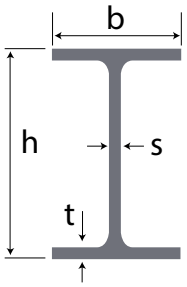
IPE Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
80	6.0	80	46	3.8	5.2
100	8.1	100	55	4.1	5.7
120	10.4	120	64	4.1	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	550	210	11.1	17.2
600	122	600	220	12.0	19.0

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS



IPA/IPEA Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10034:1993

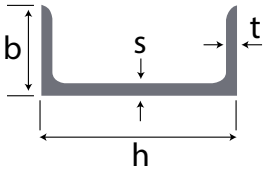
Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
80	5.0	78	46	3.3	4.2
100	6.9	98	55	3.6	4.7
120	8.6	117.6	64	3.8	5.1
140	10.5	137.4	73	3.8	5.6
160	12.7	157	82	4.0	5.9
180	15.4	177	91	4.3	6.5
200	18.4	197	100	4.5	7.0
220	22.2	217	110	5.0	7.7
240	26.2	237	120	5.2	8.3
270	30.7	267	135	5.5	8.7
300	36.5	297	150	6.1	9.2
330	43.0	327	160	6.5	10.0
360	50.2	357.6	170	6.6	11.5
400	57.4	397	180	7.0	12.0
450	67.2	447	190	7.6	13.1
500	79.4	497	200	8.4	14.5
550	92.1	547	210	9.0	15.7
600	108	597	220	9.8	17.5

Please refer to account manager for availability.

5 CONTINENTAL SECTIONS

UPN Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10279:2000

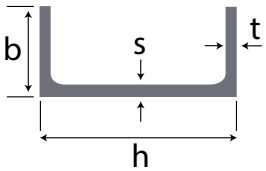


Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
80	8.64	80	45	6.0	8.0
100	10.6	100	50	6.0	8.5
120	13.4	120	55	7.0	9.0
140	16.0	140	60	7.0	10.0
160	18.8	160	65	7.5	10.5
180	22.0	180	70	8.0	11.0
200	25.3	200	75	8.5	11.5
220	29.4	220	80	9.0	12.5
240	33.2	240	85	9.5	13.0
260	37.9	260	90	10.0	14.0
280	41.8	280	95	10.0	15.5
300	46.2	300	100	10.0	16.0
320	59.5	320	100	14.0	17.5
350	60.6	350	100	14.0	16.0
380	62.6	380	102	13.5	16.0
400	71.8	400	110	14.0	18.0

Please refer to account manager for availability.

UAP Section

Material to EN 10025-2:2004
Nominal dimensions to EN 10365:2017
Tolerance EN 10279:2000



Designation	Mass Per Metre	Depth of Section h	Width of Section b	Thickness Web s	Thickness Flange t
	kg/m	mm	mm	mm	mm
80	8.38	80	45	5.0	8.0
100	10.5	100	50	5.5	8.5
130	13.7	130	55	6.0	9.5
150	17.9	150	65	7.0	10.25
175	21.2	175	70	7.5	10.75
200	25.1	200	75	8.0	11.5
220	25.1	220	80	8.0	11.5
250	34.4	250	85	9.0	13.5
300	46.0	300	100	9.5	16.0

Please refer to account manager for availability.

6 ANGLES

RETURN TO CONTENTS

6 ANGLES

Equal Angles

Material to EN 10025-2:2004
Nominal dimensions to EN 10056-1:2017
Tolerance EN 10056-2:1993

Designation	Mass Per Metre kg/m
20 x 20 x 3*	0.88
20 x 20 x 4*	1.14
20 x 20 x 5*	1.37
25 x 25 x 3	1.12
25 x 25 x 4*	1.45
25 x 25 x 5	1.77
30 x 30 x 3	1.36
30 x 30 x 4*	1.78
30 x 30 x 5	2.18
35 x 35 x 3.5*	1.85
35 x 35 x 4*	2.11
35 x 35 x 5*	2.59
40 x 40 x 3	1.84
40 x 40 x 4	2.42
40 x 40 x 5	2.97
40 x 40 x 6	3.52
45 x 45 x 3*	2.09
45 x 45 x 4*	2.74
45 x 45 x 4.5	3.06
45 x 45 x 5	3.38
45 x 45 x 6	4.00
45 x 45 x 7*	4.56
45 x 45 x 8*	5.15
50 x 50 x 3	2.33
50 x 50 x 4*	3.06
50 x 50 x 5	3.77
50 x 50 x 6	4.47
50 x 50 x 7*	5.11
50 x 50 x 8	5.82

Designation	Mass Per Metre kg/m
55 x 55 x 6	5.18
60 x 60 x 5	4.57
60 x 60 x 4*	4.49
60 x 60 x 6	5.42
60 x 60 x 7*	6.25
60 x 60 x 8	7.09
60 x 60 x 9*	7.84
60 x 60 x 10	8.69
65 x 65 x 6*	6.15
65 x 65 x 7*	7.15
65 x 65 x 9*	9.19
70 x 70 x 5	5.15
70 x 70 x 6	6.38
70 x 70 x 7*	7.69
70 x 70 x 8	8.36
70 x 70 x 9*	9.89
70 x 70 x 10	10.3
75 x 75 x 6	6.87
75 x 75 x 7*	8.25
75 x 75 x 8	9.01
75 x 75 x 9*	9.96
75 x 75 x 10	11.10
80 x 80 x 6	7.34
80 x 80 x 7*	8.41
80 x 80 x 8	9.63
80 x 80 x 9	10.67
80 x 80 x 10	11.9

Designation	Mass Per Metre kg/m
90 x 90 x 6	8.30
90 x 90 x 7	9.61
90 x 90 x 8	10.9
90 x 90 x 10	13.4
90 x 90 x 12	15.9
100 x 100 x 8	12.2
100 x 100 x 10	15.0
100 x 100 x 12	17.8
100 x 100 x 15	21.9
120 x 120 x 8	14.7
120 x 120 x 10	18.2
120 x 120 x 12	21.6
120 x 120 x 15	26.6
150 x 150 x 10	23.0
150 x 150 x 12	27.3
150 x 150 x 15	33.8
150 x 150 x 18	40.1
200 x 200 x 16	48.5
200 x 200 x 18	54.3
200 x 200 x 20	59.9
200 x 200 x 24	71.1

** Please refer to account manager for availability.*

6 ANGLES

Unequal Angles

Material to EN 10025-2:2004
Nominal dimensions to EN 10056-1:2017
Tolerance EN 10056-2:1993

Designation	Mass Per Metre kg/m
30 x 20 x 3*	1.15
30 x 20 x 4*	1.46
40 x 20 x 3*	1.36
40 x 20 x 4*	1.77
40 x 25 x 4	1.93
45 x 30 x 4*	2.25
45 x 30 x 5*	2.76
50 x 30 x 5*	2.96
50 x 40 x 5	3.37
60 x 30 x 5	3.36
60 x 30 x 6	4.00
60 x 40 x 5	3.77
60 x 40 x 6	4.46
60 x 40 x 7	5.14
65 x 50 x 5	4.35
65 x 50 x 6	5.18
65 x 50 x 7*	5.93
65 x 50 x 8	6.76
70 x 50 x 6*	5.37
75 x 50 x 5*	4.59
75 x 50 x 6	5.65
75 x 50 x 7*	6.53
75 x 50 x 8	7.39
75 x 50 x 10	9.12
75 x 55 x 5*	4.91
75 x 55 x 7*	6.76
75 x 55 x 9*	8.55
80 x 40 x 6*	5.41
80 x 40 x 8*	7.07
80 x 60 x 6	6.34
80 x 60 x 7*	7.36
80 x 60 x 8	8.32
80 x 65 x 6*	6.83
80 x 65 x 8*	9.11
80 x 65 x 10*	11.38

Designation	Mass Per Metre kg/m
90 x 65 x 6*	7.31
90 x 65 x 8*	9.73
90 x 70 x 8*	9.55
100 x 50 x 6	6.85
100 x 50 x 8*	8.99
100 x 50 x 10*	11.11
100 x 65 x 7	8.77
100 x 65 x 8	9.94
100 x 65 x 9*	11.02
100 x 65 x 10	12.3
100 x 75 x 8	10.6
100 x 75 x 9*	11.73
100 x 75 x 10	13.0
100 x 75 x 12	15.4
120 x 80 x 8*	12.06
120 x 80 x 10*	14.92
120 x 80 x 12*	17.71
125 x 75 x 8	12.2
125 x 75 x 10	15.0
125 x 75 x 12	17.8
130 x 65 x 8*	11.74
130 x 65 x 10*	14.52
150 x 75 x 10	17.0
150 x 75 x 12	20.2
150 x 75 x 15	24.8
150 x 90 x 10	18.2
150 x 90 x 12	21.6
150 x 90 x 15	26.6
200 x 100 x 10	23.0
200 x 100 x 12	27.3
200 x 100 x 15	33.7
200 x 150 x 12	32.0
200 x 150 x 15	39.6
200 x 150 x 18	47.1

** Please refer to account manager for availability.*

7 ROUNDS, FLATS & SQUARES

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7 ROUNDS, FLATS & SQUARES

Rounds, Flats & Squares

Material to EN 10025-2:2004
Hot Rolled Round Bars: Nominal dimensions to EN 10060:2003 (R 08) | Tolerance EN 10060:2003 (R 08)
Hot Rolled Flat Bars: Nominal dimensions to EN 10058:2003 (R 08) | Tolerance EN 10058:2003 (R 08)
Hot Rolled Square Bars: Nominal dimensions to EN 10059:2003 (R 08) | Tolerance EN 10059:2003 (R 08)

Width / Diameter	Rounds	Squares & Flats Thickness (mm)								
		3	4	5	6	8	10	12	15	16
mm	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m
6	0.22									
8	0.39					0.50				
10	0.62	0.24					0.79			
12	0.89	0.29						1.13		
13	1.04	0.31	0.41	0.51	0.61					
15	1.39	0.35	0.47	0.59					1.77	
16	1.58	0.38	0.50	0.63		1.00	1.26			2.01
20	2.47	0.47	0.63	0.75	0.79	1.26	1.57	1.88		
22	2.98	0.52		0.86			1.73			
25	3.85	0.59	0.79	0.98	1.18	1.57	1.96	2.36	2.94	
30	5.55	0.71	0.94	1.18	1.41	1.88	2.36	2.83	3.53	
32	6.31									
35	7.55	0.82	1.10	1.37	1.65	2.20	2.75	3.30	4.12	
40	9.86	0.94	1.26	1.57	1.88	2.51	3.14	3.77	4.71	
45	12.50	1.06	1.49	1.77	2.12	2.83	3.53	4.24	5.31	
50	15.41	1.18	1.57	1.96	2.36	3.14	3.93	4.71	5.89	
55	18.63			2.16	2.59	3.45	4.32	5.18	6.48	
60	22.20	1.41	1.88	2.36	2.83	3.77	4.71	5.65	7.07	
65	26.00	1.53	2.04	2.55	3.06	4.08	5.10	6.12	7.65	
70	30.20	1.65		2.76	3.30	4.40	5.50	6.59	8.24	
75	34.70	1.77	2.36	2.94	3.53	4.71	5.89	7.07	8.83	
80	38.50	1.89	2.51	3.14	3.77	5.02	6.28	7.54	9.42	
85	44.50									
90	49.90	2.12	2.83	3.53	4.24	5.65	7.07	8.48	10.60	
95	55.60									
100	61.70	2.36	3.14	3.93	4.71	6.28	7.85	9.42	11.78	
105	68.00									
110	74.60	2.59		4.32	5.18	6.91	8.64	10.36	12.95	
115	81.50									
120	88.00			4.71	5.65	7.54	9.42	11.30	14.09	
125	96.30									

7 ROUNDS, FLATS & SQUARES

Rounds, Flats & Squares

Width / Diameter	Squares & Flats Thickness (mm)									
	20	25	30	35	40	45	50	60	65	75
mm	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m
6										
8										
10										
12										
13										
15										
16										
20	3.14									
22										
25	3.92	4.91								
30	4.71	5.89	7.07							
32										
35				9.62						
40	6.28	7.85	9.42		12.60					
45	7.07	8.83	10.65			15.90				
50	7.85	9.81	11.78		15.70		19.60			
55	8.64	10.79	12.95							
60	9.42	11.78	14.13	16.49	18.84			28.30		
65	10.21	12.76	15.31	17.85	20.41	22.96	25.52		33.20	
70	10.99	13.74	16.49		21.96		27.48			
75	11.80	14.70	17.70		23.60		29.45	35.45	38.32	44.20
80	12.56	15.70	18.84	22.02	25.12	28.26	31.40	40.82	40.82	
85										
90	14.13	17.66	21.20	24.73	28.26	31.79	35.33			
95										
100	15.70	19.63	23.55	27.48	31.40	35.33	39.25	47.10	51.11	58.90
105										
110	17.27	21.59	25.90		34.54	38.86	43.18			
115										
120	18.84	23.55	28.35							
125										

7 ROUNDS, FLATS & SQUARES

Rounds, Flats & Squares

Width / Diameter	Rounds	Squares & Flats Thickness (mm)								
		3	4	5	6	8	10	12	15	20
mm	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m
130	104.00	3.06	4.08	5.10	6.12	8.16	10.21	12.25	15.31	20.41
135	112.00									
140	121.00				6.59	8.79	10.99	13.20	16.49	21.98
145	130.00									
150	139.00	3.54	4.71	5.89	7.07	9.42	11.78	14.13	17.66	23.55
155	148.00									
160	158.00				7.54		12.56	15.07	18.81	25.12
165	168.00									
170	178.00									
180	200.00			7.07	8.48	11.31	14.13	16.96	21.20	28.26
185	211.00									
190	223.00									
195	234.00									
200	247.00		6.30		9.42	12.60	15.70	18.84	23.55	31.41
210	272.00									
220	298.00			8.64	10.36	13.82	17.27	20.72	25.91	34.54
230	326.00				10.83					
240	356.00									
250	385.00				11.78	15.70	19.60	23.55	29.44	39.25
260	417.00									
270	448.00									
275	466.00				12.96	17.37	21.59	25.91		
280	483.00									
300	555.00				14.13	18.80	23.55	28.26	35.33	47.10
305	573.00									
350							27.48	33.00	41.21	54.95
375								35.33	44.16	58.88
400							31.40	37.68	47.10	62.80
450								42.39	52.99	70.65
500							39.30	47.10	58.88	78.50

7 ROUNDS, FLATS & SQUARES

Rounds, Flats & Squares

Width / Diameter	Squares & Flats Thickness (mm)								
	25	30	35	40	45	50	60	65	75
mm	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m	kg/m
130	25.51	30.62		40.80	45.92	51.03	61.23		76.50
135									
140	27.48	32.99							
145									
150	29.44	35.33		47.10	52.99	58.88	70.65	76.65	88.32
155									
160	31.40								
165									
170									
180	35.33	42.39		56.52		70.60			
185									
190									
195									
200	39.25	47.10		62.80	70.65	78.50			117.75
210									
220	43.18	51.81		69.08		86.35			
230									
240									
250	49.06	58.88		78.50	88.31	98.13			
260									
270									
275									
280									
300	58.88	70.65		94.20	105.98	117.75	141.35		
305									
350	68.89	82.43		109.90					
375	73.59	88.31		117.75					
400	78.50	94.21		125.60					
450	88.31								
500	98.10	117.80							

7 ROUNDS, FLATS & SQUARES

Trailer Flats

Designation	Product Lengths (m)																
	6.0	6.4	6.8	8.0	8.2	9.2	9.5	9.7	9.8	10.0	10.5	10.9	11.4	11.5	12.0	12.7	13.6
100 x 6			●														
100 x 8																	●
100 x 10																●	●
100 x 12															●		
100 x 12 x 55C															●		
100 x 15		●															
100 x 20														●			
120 x 8				●	●												
120 x 10											●						●
120 x 12						●	●				●	●					●
120 x 15								●			●						●
120 x 20																●	●
130 x 8											●						
130 x 10											●			●		●	●
130 x 12						●		●			●						●
130 x 15											●			●			●
130 x 20											●						●
140 x 10									●								
140 x 12									●								
140 x 20																	●
150 x 10				●		●					●					●	●
150 x 12					●			●			●						●
150 x 15							●			●	●		●				●
150 x 20							●				●						●

7 ROUNDS, FLATS & SQUARES

Half Round Solid

Size	Mass Per Metre
mm	kg/m
50 x 25*	7.71
62 x 31*	11.86
76 x 38*	17.90

Convex Bar – Feather Edge

Size	Mass Per Metre
mm	kg/m
19 x 4.8*	0.49
19 x 6.4*	0.67
19 x 10.0*	1.10
25 x 4.8*	0.64
25 x 6.0*	0.86
25 x 10.0*	1.37
32 x 6.0*	1.07
32 x 10.0*	1.65
38 x 6.0*	1.26
38 x 10.0	1.95
38 x 13.0	3.18
51 x 10.0*	2.60
51 x 13.0	4.17

Convex Bar – Square Edge

Size	Mass Per Metre
mm	kg/m
38 x 13 x 6.4	3.18
44 x 13 x 6.4*	3.57
51 x 13 x 6.4	4.17
51 x 16 x 8.0*	5.13
51 x 19 x 9.5*	6.55

Tee Sections

Size	Mass Per Metre	Metres/Tonne
mm	kg/m	
20 x 20 x 4*	1.13	885
25 x 25 x 3*	1.19	840
25 x 25 x 4.5*	1.78	562
30 x 30 x 3*	1.60	625
30 x 30 x 4	1.76	568
30 x 30 x 5*	2.16	463
35 x 35 x 4.5*	3.35	299
35 x 35 x 5.5*	2.85	351
40 x 40 x 4*	2.49	402
40 x 40 x 5	2.96	338
40 x 40 x 6*	3.49	287
45 x 45 x 5.5*	3.61	277
45 x 45 x 6.5*	4.26	235
50 x 50 x 6	4.76	210
50 x 50 x 7*	5.11	196
60 x 60 x 7	6.25	160
60 x 60 x 8*	7.10	141
70 x 70 x 8	8.35	120
80 x 80 x 9	10.67	94
80 x 80 x 10*	11.85	84

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

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8 HOLLOW SECTIONS & TUBES

Cold Formed Structural Hollow Sections:
Material to EN 10219-1:2006 | Nominal dimensions to EN 10219-2:2006 (where applicable) | Tolerance EN 10219-2:2006

Hot Finished Structural Hollow Sections / Hot Finished Tube:
Material to EN 10210-1:2006 | Nominal dimensions to EN 10210-2:2006 (where applicable) | Tolerance EN 10210-2:2006

Cold Formed Circular Hollow Sections

Size	Mass Per Metre
mm	kg/m
26.9 x 2.0	1.23
26.9 x 2.5	1.50
26.9 x 3.0*	1.77
26.9 x 3.2	1.87
33.7 x 2.0*	1.56
33.7 x 2.5*	1.92
33.7 x 3.0	2.27
33.7 x 3.2*	2.41
33.7 x 4.0*	2.93
42.4 x 2.5*	2.46
42.4 x 3.0	2.91
42.4 x 3.2*	3.09
42.4 x 3.6*	3.44
42.4 x 4.0*	3.79
48.3 x 2.5	2.82
48.3 x 3.0	3.35
48.3 x 3.2*	3.56
48.3 x 3.5	3.87
48.3 x 3.6*	3.97
48.3 x 4.0	4.37
60.3 x 2.5*	3.56
60.3 x 3.0	4.24
60.3 x 3.2*	4.51
60.3 x 3.5	4.90
60.3 x 3.6*	5.03
60.3 x 4.0	5.55
60.3 x 5.0	6.82
76.1 x 2.5	4.54
76.1 x 3.0	5.41
76.1 x 3.2*	5.75
76.1 x 3.6*	6.44
76.1 x 4.0	7.11
76.1 x 5.0	8.77

Size	Mass Per Metre
mm	kg/m
88.9 x 3.0	6.36
88.9 x 3.2*	6.76
88.9 x 3.5	7.37
88.9 x 4.0	8.38
88.9 x 5.0	10.30
114.3 x 3.0	8.23
114.3 x 3.2*	8.77
114.3 x 3.5	9.56
114.3 x 4.0	10.90
114.3 x 4.5*	12.19
114.3 x 5.0	13.50
114.3 x 6.0	16.00
114.3 x 6.3*	16.80
127 x 3.0*	9.17
127 x 5.0*	15.04
139.7 x 3.0	10.10
139.7 x 3.5	11.80
139.7 x 4.0	13.40
139.7 x 5.0	16.60
139.7 x 6.0	19.80
139.7 x 6.3*	20.70
139.7 x 8.0	26.00
139.7 x 10.0	32.00
168.3 x 4.0	16.20
168.3 x 5.0	20.10
168.3 x 6.0	24.00
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

Size	Mass Per Metre
mm	kg/m
193.7 x 4.0	18.70
193.7 x 5.0	23.30
193.7 x 6.0	27.80
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 6.0	31.50
219.1 x 8.0	41.60
219.1 x 10.0	51.60
219.1 x 12.0	61.30
219.1 x 12.5	63.70
219.1 x 16.0	80.10
244.5 x 5.0	29.50
244.5 x 6.0	35.30
244.5 x 8.0	46.70
244.5 x 10.0	57.80
244.5 x 12.0	68.80
244.5 x 12.5	71.50
244.5 x 16.0	90.20
273 x 5.0	33.00
273 x 6.0	39.50
273 x 8.0	52.30
273 x 10.0	64.90
273 x 12.0	77.20
273 x 12.5	80.30
273 x 16.0	101.00

Continues on next page.

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Cold Formed Circular Hollow Sections (continued)

Size	Mass Per Metre
mm	kg/m
323.9 x 5.0	39.30
323.9 x 6.0	47.00
323.9 x 8.0	62.30
323.9 x 10.0	77.40
323.9 x 12.0	92.30
323.9 x 12.5	96.00
323.9 x 16.0	121.00
355.6 x 5.0	43.20
355.6 x 6.0	51.70
355.6 x 8.0	68.60
355.6 x 10.0	85.20
355.6 x 12.0	102.00
355.6 x 12.5	106.00
355.6 x 16.0	134.00
406.4 x 6.0	59.20
406.4 x 8.0	78.60
406.4 x 10.0	97.80
406.4 x 12.0	117.00
406.4 x 12.5	121.00
406.4 x 16.0	154.00

Size	Mass Per Metre
mm	kg/m
457 x 6.0	66.70
457 x 8.0	88.60
457 x 10.0	110.00
457 x 12.0	132.00
457 x 12.5	137.00
457 x 16.0	174.00
508 x 6.0	74.30
508 x 8.0	98.60
508 x 10.0	123.00
508 x 12.0	147.00
508 x 12.5	153.00
508 x 16.0	194.00

8 HOLLOW SECTIONS & TUBES

Cold Formed Square Hollow Sections

Size	Mass Per Metre
mm	kg/m
25 x 25 x 2.0	1.43
25 x 25 x 2.5	1.74
25 x 25 x 3.0	2.04
30 x 30 x 2.0*	1.74
30 x 30 x 2.5	2.14
30 x 30 x 3.0	2.51
30 x 30 x 3.2*	2.65
40 x 40 x 2.0	2.37
40 x 40 x 2.5	2.92
40 x 40 x 3.0	3.45
40 x 40 x 4.0	4.46
50 x 50 x 2.0	3.00
50 x 50 x 2.5	3.71
50 x 50 x 3.0	4.39
50 x 50 x 4.0	5.72
50 x 50 x 5.0	6.97
60 x 60 x 3.0	5.34
60 x 60 x 3.2*	5.67
60 x 60 x 3.6*	6.34
60 x 60 x 4.0	6.97
60 x 60 x 5.0	8.54
70 x 70 x 2.5*	5.28
70 x 70 x 3.0	6.28
70 x 70 x 3.5	7.25
70 x 70 x 3.6*	7.46
70 x 70 x 4.0	8.23
70 x 70 x 5.0	10.10
80 x 80 x 3.0	7.22
80 x 80 x 3.5	8.35
80 x 80 x 3.6*	8.59
80 x 80 x 4.0	9.48
80 x 80 x 5.0	11.70
80 x 80 x 6.0	13.80
80 x 80 x 6.3*	14.40

Size	Mass Per Metre
mm	kg/m
90 x 90 x 3.0	8.16
90 x 90 x 3.5	9.45
90 x 90 x 3.6*	9.72
90 x 90 x 4.0	10.70
90 x 90 x 5.0	13.30
90 x 90 x 6.0	15.70
90 x 90 x 6.3*	16.40
100 x 100 x 3.0	9.10
100 x 100 x 4.0	12.00
100 x 100 x 5.0	14.80
100 x 100 x 6.0	17.60
100 x 100 x 6.3*	18.40
100 x 100 x 8.0	22.90
120 x 120 x 4.0	14.50
120 x 120 x 5.0	18.00
120 x 120 x 6.0	21.30
120 x 120 x 6.3*	22.30
120 x 120 x 8.0	27.90
150 x 150 x 4.0	18.30
150 x 150 x 5.0	22.70
150 x 150 x 6.0	27.00
150 x 150 x 6.3*	28.30
150 x 150 x 8.0	35.40
180 x 180 x 5.0	27.97
180 x 180 x 6.0	33.26
180 x 180 x 8.0	43.00
180 x 180 x 10.0	53.00
180 x 180 x 12.0	61.01
180 x 180 x 12.5	65.20

Size	Mass Per Metre
mm	kg/m
200 x 200 x 5.0	31.18
200 x 200 x 6.0	37.09
200 x 200 x 8.0	48.00
200 x 200 x 10.0	59.30
200 x 200 x 12.0	68.84
200 x 200 x 12.5	73.00
250 x 250 x 6.0	46.83
250 x 250 x 8.0	60.50
250 x 250 x 10.0	75.00
250 x 250 x 12.0	88.45
250 x 250 x 12.5	92.70
300 x 300 x 6.0	55.30
300 x 300 x 8.0	74.18
300 x 300 x 10.0	90.70
300 x 300 x 12.0	108.68
300 x 300 x 12.5	112.00

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Cold Formed Rectangular Hollow Sections

Size	Mass Per Metre
mm	kg/m
40 x 20 x 2.0*	1.68
50 x 25 x 2.0	2.21
50 x 25 x 2.5	2.72
50 x 25 x 3.0	3.22
50 x 30 x 2.0	2.37
50 x 30 x 2.5	2.92
50 x 30 x 3.0	3.45
50 x 30 x 3.2*	3.66
50 x 30 x 4.0*	4.46
60 x 30 x 3.0	3.88
60 x 40 x 2.0*	2.93
60 x 40 x 2.5	3.71
60 x 40 x 3.0	4.39
60 x 40 x 3.2*	4.66
60 x 40 x 4.0	5.72
60 x 40 x 5.0*	6.97
80 x 40 x 2.5*	4.26
80 x 40 x 3.0	5.34
80 x 40 x 4.0	6.97
80 x 40 x 5.0*	8.54
90 x 50 x 3.0	6.28
90 x 50 x 3.5	7.25
90 x 50 x 3.6*	7.46
90 x 50 x 4.0	8.23
90 x 50 x 5.0	10.10
100 x 50 x 2.5*	5.63
100 x 50 x 3.0	6.75
100 x 50 x 3.2*	7.18
100 x 50 x 3.6*	8.02
100 x 50 x 4.0	8.86
100 x 50 x 5.0	10.90
100 x 50 x 6.0	12.90
100 x 50 x 6.3*	13.40

Size	Mass Per Metre
mm	kg/m
100 x 60 x 3.0	7.22
100 x 60 x 3.5	8.35
100 x 60 x 3.6*	8.59
100 x 60 x 4.0	9.48
100 x 60 x 5.0	11.70
100 x 60 x 6.0	13.80
100 x 60 x 6.3*	14.40
120 x 60 x 3.0	8.12
120 x 60 x 3.5	9.40
120 x 60 x 3.6*	9.72
120 x 60 x 4.0	10.70
120 x 60 x 5.0	13.30
120 x 60 x 6.0	15.52
120 x 60 x 6.3*	16.40
120 x 80 x 3.0	9.10
120 x 80 x 4.0	12.00
120 x 80 x 5.0	14.80
120 x 80 x 6.0	17.60
120 x 80 x 6.3*	18.40
120 x 80 x 8.0	22.90
150 x 100 x 4.0	15.10
150 x 100 x 5.0	18.70
150 x 100 x 6.0	22.30
150 x 100 x 6.3*	23.30
150 x 100 x 8.0	29.10
160 x 80 x 5.0	18.00
160 x 80 x 6.0	21.30
160 x 80 x 6.3*	22.30
160 x 80 x 8.0	27.90

Size	Mass Per Metre
mm	kg/m
200 x 100 x 4.0	18.30
200 x 100 x 5.0	22.55
200 x 100 x 6.0	27.00
200 x 100 x 6.3*	28.30
200 x 100 x 8.0	35.40
250 x 150 x 5.0	30.40
250 x 150 x 6.0	36.20
250 x 150 x 8.0	47.70
250 x 150 x 10.0	58.80
250 x 150 x 12.0	70.00
250 x 150 x 12.5	72.30
300 x 200 x 6.0	46.00
300 x 200 x 8.0	60.50
300 x 200 x 10.0	75.00
300 x 200 x 12.0	89.00
300 x 200 x 12.5	92.60
400 x 200 x 6.0	55.30
400 x 200 x 8.0	73.10
400 x 200 x 10.0	90.70
400 x 200 x 12.0	107.00
400 x 200 x 12.5	112.00

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Hot Finished Square Hollow Sections

Size	Mass Per Metre
mm	kg/m
40 x 40 x 3.0*	3.45
40 x 40 x 3.2*	3.61
40 x 40 x 4.0	4.46
40 x 40 x 5.0	5.28
50 x 50 x 3.0*	4.39
50 x 50 x 3.2	4.62
50 x 50 x 4.0	5.72
50 x 50 x 5.0	6.97
50 x 50 x 6.3	8.31
60 x 60 x 3.0*	5.34
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	10.30
60 x 60 x 8.0*	12.50
70 x 70 x 3.6	7.46
70 x 70 x 5.0	10.10
70 x 70 x 6.3*	12.30
70 x 70 x 8.0*	15.00
80 x 80 x 3.0	7.22
80 x 80 x 3.6	8.59
80 x 80 x 4.0*	9.48
80 x 80 x 5.0	11.70
80 x 80 x 6.3	14.40
80 x 80 x 8.0	17.50
90 x 90 x 3.6*	9.72
90 x 90 x 4.0	10.70
90 x 90 x 5.0	13.30
90 x 90 x 6.3	16.40
90 x 90 x 8.0	20.10

Size	Mass Per Metre
mm	kg/m
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	27.40
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	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	22.70
150 x 150 x 6.3	28.30
150 x 150 x 8.0	35.40
150 x 150 x 10.0	43.10
150 x 150 x 12.5	52.70
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
180 x 180 x 6.3	34.00
180 x 180 x 8.0	43.00
180 x 180 x 10.0	53.00
180 x 180 x 12.5	65.20
180 x 180 x 16.0	80.20

Size	Mass Per Metre
mm	kg/m
200 x 200 x 5.0	31.18
200 x 200 x 6.3	38.00
200 x 200 x 8.0	48.00
200 x 200 x 10.0	59.30
200 x 200 x 12.5	73.00
200 x 200 x 16.0	90.30
250 x 250 x 6.3	47.90
250 x 250 x 8.0	60.50
250 x 250 x 10.0	75.00
250 x 250 x 12.5	92.70
250 x 250 x 16.0	115.00
300 x 300 x 6.3*	57.80
300 x 300 x 8.0	74.18
300 x 300 x 10.0	90.70
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

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Hot Finished Rectangular Hollow Sections

Size	Mass Per Metre
mm	kg/m
50x30x3.2*	3.66
60x40x3.0*	4.39
60x40x4.0*	5.72
60x40x5.0*	6.97
80x40x3.2*	5.62
80x40x4.0*	6.97
80x40x5.0*	8.54
80x40x6.3*	10.30
80x40x8.0*	12.50
90x50x3.6*	7.46
90x50x5.0	10.10
90x50x6.3*	12.30
100x50x3.0	6.75
100x50x3.2	7.18
100x50x4.0	8.86
100x50x5.0	10.90
100x50x6.3	13.40
100x50x8.0	16.30
100x50x10.0*	19.60
100x60x3.6*	8.59
100x60x5.0	11.70
100x60x6.3	14.40
100x60x8.0	17.50
120x60x3.6	8.59
120x60x5.0	11.70
120x60x6.3	14.40
120x60x8.0	17.50
120x80x5.0	14.80
120x80x6.3	18.40
120x80x8.0	22.90
120x80x10.0	27.40
150x100x5.0	18.70
150x100x6.3*	23.30
150x100x8.0	29.10
150x100x10.0	35.30
150x100x12.5	42.80

Size	Mass Per Metre
mm	kg/m
160x80x4.0	14.40
160x80x5.0	18.00
160x80x6.3	22.30
160x80x8.0	27.90
160x80x10.0	33.70
200x100x5.0	22.55
200x100x6.3	28.30
200x100x8.0	35.40
200x100x10.0	43.10
200x100x12.5	52.70
200x120x5.0	24.10
200x120x6.3	30.10
200x120x8.0	37.60
200x120x10.0	46.30
200x150x8.0	41.40
200x150x10.0	51.00
250x150x 5.0	30.40
250x150x 6.3	38.00
250x150x 8.0	47.70
250x150x10.0	8.80
250x150x12.5	72.30
250x150x16.0	90.30
300x100x 8.0	47.70
300x100x10.0	58.80
300x100x12.5*	72.30
300x200x 6.3	47.90
300x200x 8.0	60.50
300x200x10.0	75.00
300x200x12.5	92.60
300x200x16.0	115.00
350x150x 8.0*	60.30
350x150x10.0*	74.50
350x150x12.5*	91.90
350x150x16.0*	115.00

Size	Mass Per Metre
mm	kg/m
400x200x 8.0	73.10
400x200x10.0	90.70
400x200x12.5	112.00
400x200x16.0	141.00
450x250x 8.0	85.40
450x250x10	106.00
450x250x12.5	131.00
450x250x16.0	166.00
500x200x 8.0*	85.40
500x200x10.0*	106.00
500x200x12.5*	131.00
500x200x16.0*	166.00
500x300x8.0*	98.00
500x300x10.0	122.00
500x300x12.5*	151.00
500x300x16.0	191.00

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Hot Finished Circular Hollow Sections

Size	Mass Per Metre
mm	kg/m
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
42.4 x 5.0*	4.61
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 2.9*	5.24
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 3.2	8.76
114.3 x 3.6	9.83
114.3 x 4.0*	10.87
114.3 x 5.0	13.50
114.3 x 6.3	16.80
139.7 x 5.0	16.60
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

Size	Mass Per Metre
mm	kg/m
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 8.0*	46.70
244.5 x 10.0*	57.80
244.5 x 12.5*	71.50
244.5 x 16.0	90.20
273.0 x 6.3	41.40
273.0 x 8.0	52.30
273.0 x 10.0	64.90
273.0 x 12.5	80.30
273.0 x 16.0	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 16.0*	134.00
406.4 x 6.3*	62.20
406.4 x 8.0	79.60
406.4 x 10.0	97.80
406.4 x 12.5	121.00
406.4 x 16.0	154.00

Size	Mass Per Metre
mm	kg/m
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

** Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Hot Finished Oval Hollow Sections

Size	Mass Per Metre
mm	kg/m
150 x 75 x 4.0	10.70
150 x 75 x 5.0	13.30
150 x 75 x 6.0	16.50
200 x 100 x 5.0	17.90
200 x 100 x 6.0	22.30
200 x 100 x 8.0	28.50
200 x 100 x 10.0	34.50
200 x 100 x 12.5	42.40
250 x 125 x 6.3	28.20
250 x 125 x 8.0	34.40
250 x 125 x 10.0	43.80
250 x 125 x 12.5	53.90

Size	Mass Per Metre
mm	kg/m
300 x 150 x 8.0	42.80
300 x 150 x 10.0	53.00
300 x 150 x 12.5	65.50
300 x 150 x 16.0	82.50
400 x 200 x 8.0	57.60
400 x 200 x 10.0	71.50
400 x 200 x 12.5	88.60
400 x 200 x 16.0	112.00
500 x 250 x 10.0	90.00
500 x 250 x 12.5	112.00
500 x 250 x 16.0	142.00

ERW Square Tube

External Dimensions		Wall Thickness (mm)												
in	mm	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00	3.25
1/2 x 1/2	12.70 x 12.70	●	●	●	●	●	●							
5/8 x 5/8	15.88 x 15.88	●	●	●	●	●	●	●	●					
3/4 x 3/4	19.05 x 19.05	●	●	●	●	●	●	●	●					
	20.00 x 20.00	●	●	●	●	●	●	●	●					
7/8 x 7/8	22.22 x 22.22	●	●	●	●	●	●	●	●					
	25.00 x 25.00	●	●	●	●	●	●	●	●	●	●	●	●	●
1 x 1	25.40 x 25.40	●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/8 x 1 1/8	28.58 x 28.58			●	●	●	●	●	●	●	●	●	●	●
	30.00 x 30.00			●	●	●	●	●	●	●	●	●	●	●
1 1/4 x 1 1/4	31.75 x 31.75			●	●	●	●	●	●	●	●	●	●	●
1 3/8 x 1 3/8	34.92 x 34.92			●	●	●	●	●	●	●	●	●	●	●
	35.00 x 35.00			●	●	●	●	●	●	●	●	●	●	●
1 1/2 x 1 1/2	38.10 x 38.10			●	●	●	●	●	●	●	●	●	●	●
	40.00 x 40.00					●	●	●	●	●	●	●	●	●
	50.00 x 50.00					●	●	●	●	●	●	●	●	●
2 x 2	50.80 x 50.80					●	●	●	●	●	●	●	●	●

• *Regular production items* • *Non-regular production items. Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

ERW Rectangular Tube

External Dimensions		Wall Thickness (mm)												
in	mm	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00	3.25
1 x 1/2	25.40 x 12.70	●	●	•	●	•	●							
	25.00 x 15.00	●	●	●	●	●	●							
	25.00 x 20.00	●	●	●	●	●	●	●	●					
	30.00 x 15.00	●	●	●	●	●	●	●	●					
	30.00 x 20.00	●	●	●	●	●	●	●	●					
1 1/4 x 5/8	31.75 x 15.88	●	●	•	●	•	●	●	●					
1 1/4 x 3/4	31.75 x 19.05	●	●	●	●	●	●	●	●					
1 3/8 x 5/8	34.92 x 15.88	●	●	●	●	●	●	●	●					
	35.00 x 15.00	●	●	●	●	●	●	●	●					
	35.00 x 20.00	●	●	●	●	●	●	●	●					
1 1/2 x 1/2	38.10 x 12.70	●	●	●	●	●	●	●	●					
1 1/2 x 3/4	38.10 x 19.05	●	●	•	●	•	●	●	●					
1 1/2 x 1	38.10 x 25.40			●	●	●	●	●	●					
	40.00 x 20.00			●	●	•	●	●	•					
	40.00 x 25.00			●	●	●	●	●	●					
1 3/4 x 5/8	44.45 x 15.88			●	●	●	●	●	●					
1 7/8 x 15/16	47.62 x 23.81			●	●	●	●	●	●					
	50.00 x 25.00			●	●	•	●	●	•	●	●	●	●	●
	50.00 x 30.00			●	●	●	●	●	●	●	●	●	●	●
2 x 1	50.80 x 25.40			•	●	•	●	●	•	●	●	●	●	●
2 1/4 x 1 1/4	57.15 x 31.75			●	●	●	●	●	●	●	●	●	●	●
	60.00 x 20.00					•	●	●	•	●	●	●	●	●
	60.00 x 30.00					•	●	●	•	●	●	●	●	●
2 1/2 x 1	63.50 x 25.40					●	●	●	●	●	●	●	●	●
2 1/2 x 1 1/4	63.50 x 31.75					●	●	●	●	●	●	●	●	●
2 1/2 x 1 1/2	63.50 x 38.10					●	●	●	●	●	●	●	●	●
	80.00 x 35.00					●	●	●	●	●	●	●	●	●

• *Regular production items* • *Non-regular production items. Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

ERW Round Tube

Diameter		Wall Thickness (mm)													
in	mm	0.81	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00	3.25
5/8	15.88	●	●	●	●	●	●	●	●	●					
	16.00	●	●	●	●	●	●	●	●	●					
	17.20	●	●	●	●	●	●	●	●	●					
	18.00	●	●	●	●	●	●	●	●	●					
	18.14	●	●	●	●	●	●	●	●	●					
	18.39	●	●	●	●	●	●	●	●	●					
	18.64	●	●	●	●	●	●	●	●	●					
	18.70	●	●	●	●	●	●	●	●	●					
3/4	19.05	●	●	●	●	●	●	●	●	●	●	●	●		
	20.00		●	●	●	●	●	●	●	●	●	●	●		
	20.30		●	●	●	●	●	●	●	●	●	●	●		
	21.30		●	●	●	●	●	●	●	●	●	●	●		
	21.50		●	●	●	●	●	●	●	●	●	●	●		
	22.00		●	●	●	●	●	●	●	●	●	●	●		
7/8	22.22		●	●	●	●	●	●	●	●	●	●	●		
	24.00		●	●	●	●	●	●	●	●	●	●	●		
	24.80		●	●	●	●	●	●	●	●	●	●	●		
	25.00		●	●	●	●	●	●	●	●	●	●	●	●	●
1	25.40		●	●	●	●	●	●	●	●	●	●	●	●	●
	26.00		●	●	●	●	●	●	●	●	●	●	●	●	●
	28.00		●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/8	28.58		●	●	●	●	●	●	●	●	●	●	●	●	●
	30.00		●	●	●	●	●	●	●	●	●	●	●	●	●
	30.54		●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/4	31.75		●	●	●	●	●	●	●	●	●	●	●	●	●
	32.00		●	●	●	●	●	●	●	●	●	●	●	●	●
1 3/8	34.92		●	●	●	●	●	●	●	●	●	●	●	●	●
1 1/2	38.10		●	●	●	●	●	●	●	●	●	●	●	●	●
	40.00				●	●	●	●	●	●	●	●	●	●	●
1 5/8	41.28				●	●	●	●	●	●	●	●	●	●	●
	42.00				●	●	●	●	●	●	●	●	●	●	●
	42.70				●	●	●	●	●	●	●	●	●	●	●
1 3/4	44.45				●	●	●	●	●	●	●	●	●	●	●
	45.00				●	●	●	●	●	●	●	●	●	●	●

Continues on next page.

• *Regular production items* • *Non-regular production items. Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

ERW Round Tube (continued)

Diameter		Wall Thickness (mm)													
in	mm	0.81	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00	3.25
1 4/5	45.72				●	●	●	●	●	●	●	●	●	●	●
1 7/8	47.62				●	●	●	●	●	●	●	●	●	●	●
	48.00				●	●	●	●	●	●	●	●	●	●	●
	50.00				●	●	●	●	●	●	●	●	●	●	●
2	50.80				●	●	●	●	●	●	●	●	●	●	●
2 1/8	53.98				●	●	●	●	●	●	●	●	●	●	●
2 1/4	57.15				●	●	●	●	●	●	●	●	●	●	●
	60.00				●	●	●	●	●	●	●	●	●	●	●
2 3/8	60.33				●	●	●	●	●	●	●	●	●	●	●
2 1/2	63.50				●	●	●	●	●	●	●	●	●	●	●
	70.00				●	●	●	●	●	●	●	●	●	●	●
	75.00						●	●	●	●	●	●	●	●	●
3	76.20						●	●	●	●	●	●	●	●	●

• *Regular production items* • *Non-regular production items. Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

ERW Flat Sided Oval Tube

External Dimensions		Wall Thickness (mm)												
in	mm	0.81	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00
	26.30 x 15.00	●	●	●	●	●	●	●						
	28.20 x 13.20	●	●	●	●	●	●	●						
	30.00 x 15.00	●	●	●	●	●	●	●						
	30.00 x 16.00	●	●	●	●	●	●	●						
1 1/4 x 5/8	31.75 x 15.88		●	●	●	●	•	●	●	•	●	●	●	
	35.00 x 20.00		●	●	●	●	●	●						
	40.00 x 17.00		●	●	●	●	●	●	●	●	●	●	●	
	40.00 x 20.00				●	●	•	●	●	•	●	●	●	
1 5/8 x 7/8	41.28 x 22.22				●	●	●	●	●	●	●	●	●	
	45.00 x 20.00				●	●	●	●						
	50.00 x 20.00				●	●	●	●	●	●	●	●	●	
	50.00 x 25.00				●	●	●	●	●	●	●	●	●	
	60.00 x 30.00				●	●	•	●	●	●	●	●	●	

• *Regular production items* • *Non-regular production items. Please refer to account manager for availability.*

ERW Elliptical Oval Tube

External Dimensions		Wall Thickness (mm)												
in	mm	0.81	0.91	1.02	1.22	1.42	1.50	1.63	1.83	2.03	2.34	2.50	2.64	3.00
7/8 x 1/2	22.22 x 12.70				●	●	●	●	●	●				
	23.50 x 13.33				●	●	●	●	●	●				
	26.29 x 16.21				●	●	●	●	●	●				
1 1/2 x 1	38.10 x 25.40				●	●	●	●	●	●				

• *Non-regular production items. Please refer to account manager for availability.*

8 HOLLOW SECTIONS & TUBES

Hot Finished Seamless Tube

Diameter	Wall Thickness (mm)															
mm	1.2	1.6	2	2.5	3	4	5	6.3	7.95	8	9.5	10	12.5	16	19	25
12.7	●	●	●		●											
15.9		●		●	●											
19.05		●	●		●			●					●			
19.1					●	●										
20.0			●	●	●	●										
22.2		●			●			●								
25.0				●	●	●										
25.4		●	●		●	●		●								
28.1			●		●											
28.6		●			●											
30.0			●		●	●	●									
31.75		●			●			●		●						
35.0			●		●	●	●	●								
38.1			●	●	●	●		●	●		●					
40.0					●		●					●				
41.28						●		●								
42.4					●			●	●		●					
44.5				●	●		●	●		●		●	●			
50.0			●				●			●						
50.8							●	●	●	●	●		●			
57.15					●			●	●		●		●			
60.3							●	●		●	●		●			
63.5			●		●			●			●		●	●		
66.68								●	●							
70.0							●	●			●		●	●		
76.1								●	●	●	●		●	●	●	
82.5											●		●		●	
88.9		●					●	●		●	●	●	●	●	●	
95.25											●			●		
101.6					●	●	●	●		●	●		●	●		●
108.9					●			●			●					
114.3											●		●		●	
127.0							●	●			●		●			
139.7								●		●	●		●		●	●
140.1													●			
152.4								●			●			●		●

Continues on next page.

Please refer to account manager for availability.

8 HOLLOW SECTIONS & TUBES

Hot Finished Seamless Tube (continued)

Diameter	Wall Thickness (mm)															
mm	1.2	1.6	2	2.5	3	4	5	6.3	7.95	8	9.5	10	12.5	16	19	25
168.3							●	●			●		●	●	●	
177.8							●	●					●			
193.7								●			●		●			
203.2								●								
219.1								●			●		●	●	●	
229.0											●		●		●	
244.5												●				
254.0								●					●			
273.0								●			●				●	
304.8											●		●			
305.0											●		●			
323.9								●			●	●				
355.6											●		●			
406.4								●			●					

Please refer to account manager for availability.

8 HOLLOW SECTIONS & TUBES

Specialist Tube

We also stock a comprehensive range of thick wall and mechanical tube including CDS and Line Pipe.
Please contact your account manager for further information.

CDS	Min	7.94mm o/d	0.91mm thick
	Max	165.1mm o/d	6.35mm thick
DOM	Min	40mm o/d	4mm thick
	Max	100mm o/d	
Hydraulic Tube	Min	4.76mm o/d	0.91mm thick
	Max	48.42mm o/d	4.06mm thick
Line Pipe	Min	13.7mm o/d	2.24mm thick
	Max	406.4mm o/d	9.52mm thick

BS 1387 Tube – Medium

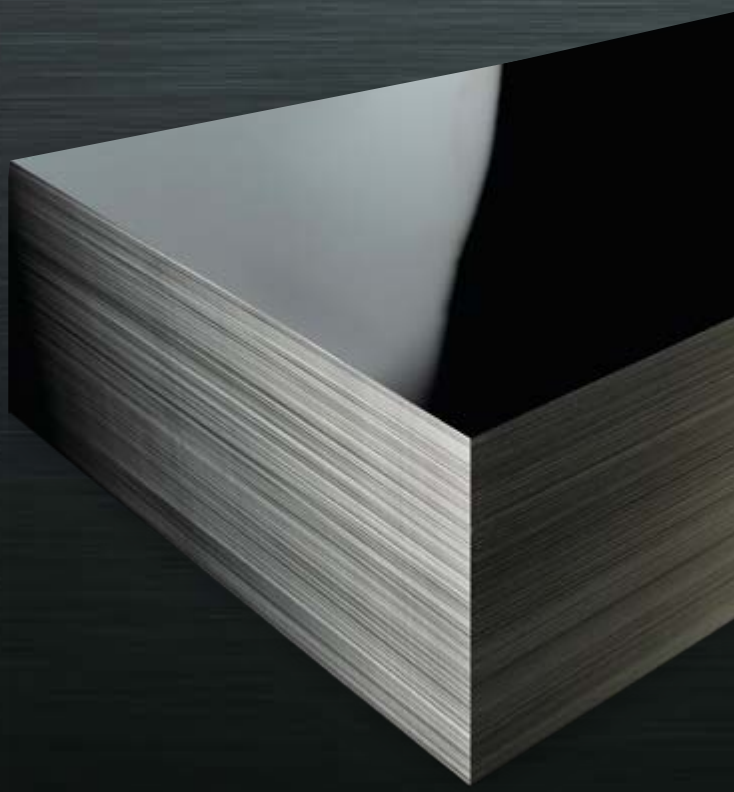
Nominal Bore	Outside Diameter Min	Outside Diameter Max	Thickness
mm	mm	mm	mm
8	13.1	13.9	2.35
10	16.8	17.4	2.35
15	21.1	21.7	2.65
20	26.6	27.2	2.65
25	33.4	34.2	3.25
32	40.1	42.9	3.25
40	48.0	48.8	3.25
50	59.8	60.8	3.65
65	75.4	76.6	3.65
80	88.1	89.5	4.05
100	113.3	114.9	4.05
125	138.7	140.6	4.85
150	164.1	166.1	4.85

BS 1387 Tube – Heavy

Nominal Bore	Outside Diameter Min	Outside Diameter Max	Thickness
mm	mm	mm	mm
8	13.3	13.9	2.90
10	16.8	17.4	2.90
15	21.1	21.7	3.25
20	26.6	27.2	3.25
25	33.4	34.2	4.05
32	40.1	42.9	4.05
40	48.0	48.8	4.05
50	59.8	60.8	4.50
65	75.4	76.6	4.50
80	88.1	89.5	4.55
100	113.3	114.9	5.40
125	138.7	140.6	5.40
150	164.1	166.1	5.40

Available in self-colour, galvanised or red primer painted.
Plain ends or screwed and socketed.

9 SHEET & PLATE



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9 SHEET & PLATE

Plate

Length		2000	2500	3000	3660	4000	6000	8000	5000	6000	8000	10000	6000	7500	9000
Width		1000	1250	1500	1830	2000	2000	2000	2500	2500	2500	2500	3000	3000	3000
Thickness	3.0	●	●	●	●	●									
	4.0	●	●	●	●	●									
	5.0	●	●	●	●	●				●					
	6.0	●	●	●	●	●	●			●	●				
	8.0	●	●	●	●	●	●	●	●	●	●	●	●	●	
	10.0	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	12.5	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	15.0	●	●	●		●	●	●	●	●	●	●	●	●	●
	20.0	●	●	●		●	●	●	●	●	●	●	●	●	●
	22.0	●	●			●			●						
	25.0	●	●	●		●	●	●	●	●	●	●	●	●	●
	30.0	●	●	●		●	●	●		●	●	●	●		●
	32.0	●	●			●			●						
	35.0	●	●	●		●			●	●			●		
	40.0	●	●	●		●	●	●	●	●	●	●	●		●
	45.0	●	●	●		●			●	●			●		
	50.0	●	●	●		●	●		●	●					●
	55.0	●	●	●		●			●						
	60.0	●	●	●		●	●		●	●			●		
	65.0	●	●	●		●	●		●	●			●		
	70.0	●	●	●		●	●	●	●				●		
	75.0	●	●	●		●	●		●	●			●		
	80.0	●	●			●			●				●		
	85.0	●	●			●			●						
	90.0	●	●			●			●						
	95.0	●	●			●			●						
	100.0	●	●			●			●						
	120.0		●			●									
	130.0		●			●									
	150.0		●			●									

All dimensions given in mm.

9 SHEET & PLATE

Floor Plate

Length		2000	2500	3000	4000	4000
Width		1000	1250	1500	1750	1830
Thickness	3.0	●	●			
	4.5	●	●	●	●	●
	6.0	●	●	●	●	●
	8.0	●	●	●	●	●
	10.0	●	●	●	●	●
	12.5	●	●	●	●	

Cold Reduced Sheets

Length		2000	2500	3000
Width		1000	1250	1500
Thickness	0.5	●	●	
	0.6	●	●	
	0.7	●	●	
	0.8	●	●	
	1.0	●	●	
	1.2	●	●	
	1.6	●	●	●
	2.0	●	●	●
	2.5	●	●	●
	3.0	●	●	●
	3.2	●	●	

Hot Rolled Sheets

Length		2000	2500	3000
Width		1000	1250	1500
Thickness	1.6	●	●	●
	2.0	●	●	●
	2.5	●	●	

Galvanised Sheets

Length		2000	2500	3000
Width		1000	1250	1500
Thickness	0.6	●		●
	0.8	●	●	●
	0.9	●	●	●
	1.0	●	●	●
	1.2	●	●	●
	1.5	●	●	●
	1.6	●	●	●
	2.0	●	●	●
	2.5	●	●	●
	3.0	●	●	●

Electrozinc Sheets

Length		2000	2500
Width		1000	1250
Thickness	0.7	●	●
	0.8	●	●
	0.9	●	●
	1.0	●	●
	1.2	●	●
	1.5	●	●
	1.6	●	●
	2.0	●	●
	2.5	●	●
	3.0	●	●

All dimensions given in mm.

9 SHEET & PLATE

Laser Plate

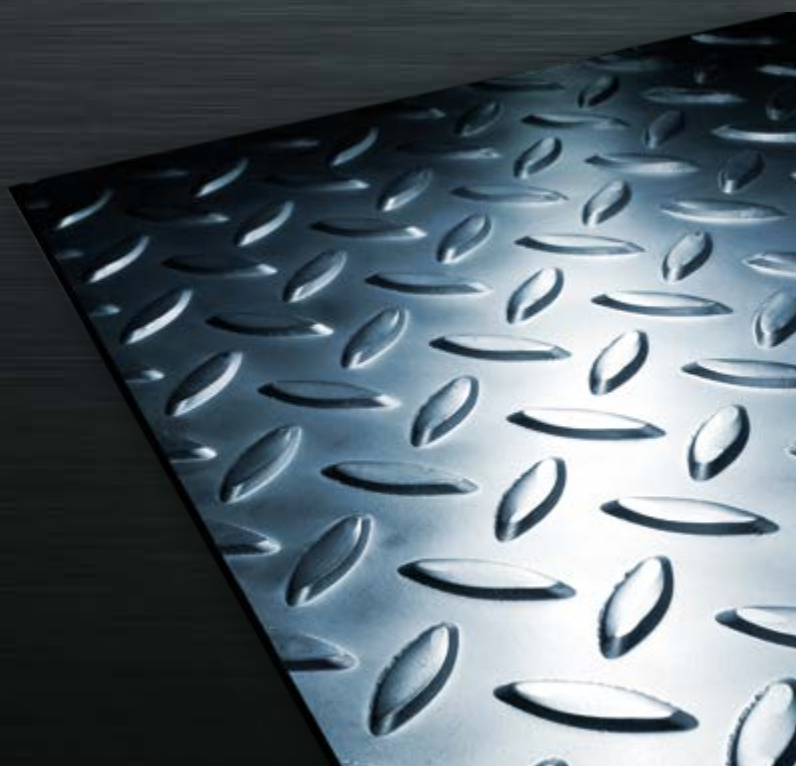
Laser Plate is a fine grain, thermomechanically-controlled laser-quality steel, which conforms to both S275 J2G4 (43D) & S355 J2G4 (50D).

Product benefits vs commercial EN 10025-1:2004 Commercial Hot Rolled Steel:

- Improved cutting speeds of up to 25%
- Flatness is uniform to a maximum deviation of 3mm/m
- Less than half the British Standard gauge tolerance
- Precision cuts resulting in burr free cuts and parts free from distortion
- Optimum laser cutting capabilities in cutting speeds and cutting quality due to very low phosphorus and sulphur contents as well as a maximum silicon content of 0.03% and carbon content of 0.10%
- Low silicon gives excellent suitability for galvanising
- Anti-corrosion surface protection
- Uniform surface and interior condition batch to batch due to its extreme high degree of purity
- Extreme minimal residual stress of the sheets to prevent distortions during cutting
- Bending – consistent bending properties from batch to batch and in different directions
- Excellent weldability:
  - Due to large range of welding parameters
  - Due to cold cracking resistance without preheating
  - Due to optimum mechanical-technological properties equivalent to the base material of the welds
  - Due to excellent formability of the welds
  - Due to a higher tempering resistance than heat-treatable steels
  - Due to a low tendency to excessive hardening

Stock Range
2500 x 1250 x 3mm to 25mm & 3000 x 1500 x 5mm to 25mm inclusive.

10 FLOORING PRODUCTS



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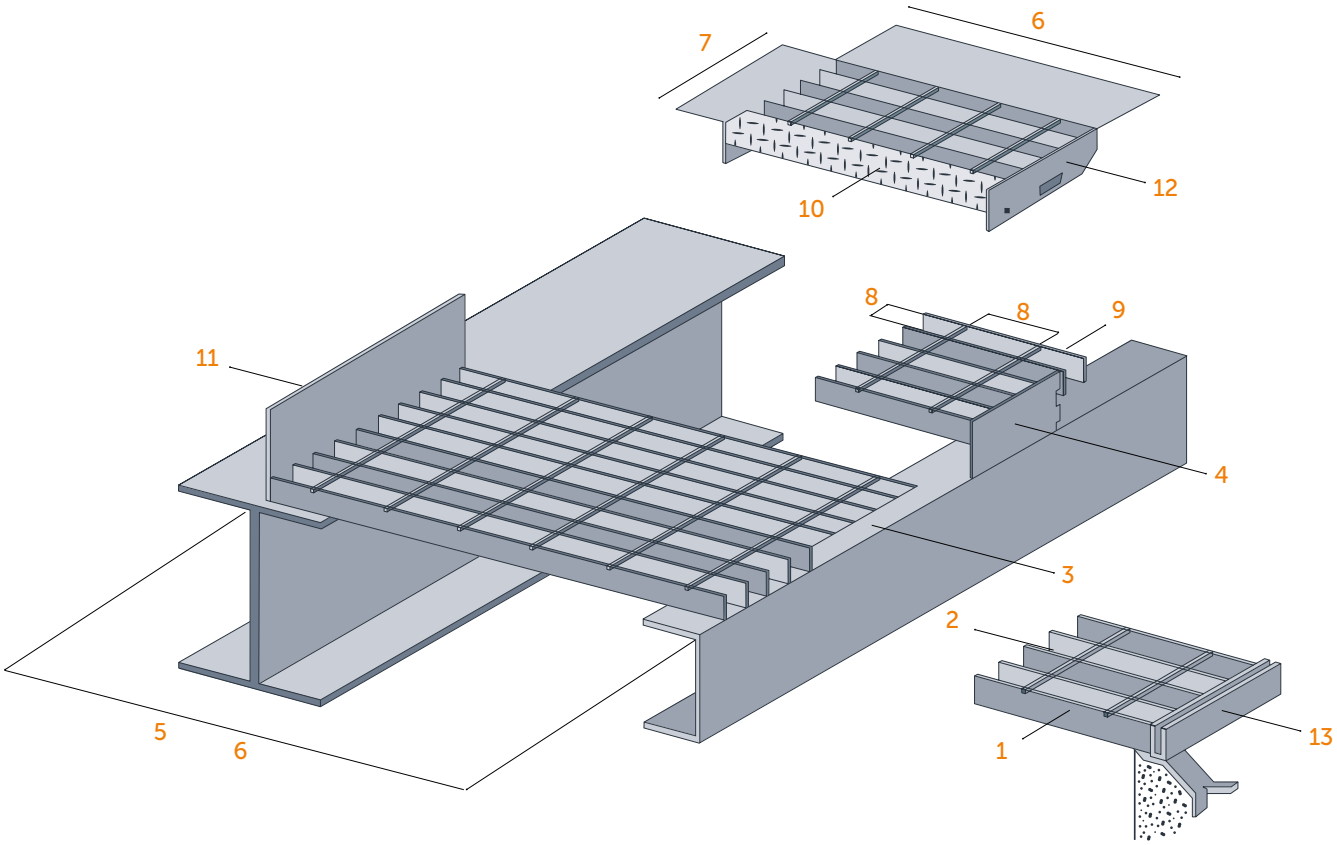
10. FLOORING PRODUCTS

Flooring & Stairtreads



1 **Load-Bearing Bar**
A longitudinal load-carrying member of uniform section spanning between supports.

2 **Transverse Bar**
A member fixed at right angles to the load-bearing bears to provide lateral restraint.

3. **Binding Bar**
A bar or section fixed to the edge of a flooring panel flush with the top of the load-bearing bars.

4. **Deep Binding Bar**
A bar section, of greater depth than the load bearing-bar, fixed to the edge of a flooring panel and projecting below the underside.

5. **Span**
The overall dimension of a flooring panel parallel with the load-bearing bars.

6. **Length (Direction of Span)**
The overall dimension of a flooring panel parallel with the load-bearing bars (this dimension is always referred to as 'length' even if it is shorter than the width).

7. **Width**
The overall dimension of a flooring panel measured at right angles to the load-bearing bars.

8. **Pitch**
The distance centre-to-centre of load-bearing bars or centre-to-centre of transverse bars.

9. **Serrations**
Notches formed in the top surface of the load bearing bars to improve slip resistance.

10. **Slip-Resistant Edging**
A member attached to the front edge of a stairtread or to a flooring panel.

11. **Toe Plate (Kick-Plate)**
A flat bar around a flooring panel projecting above the load-bearing bars.

12. **End Plate**
A plate welded to a stairtread for fixing to a stringer.

13. **Curb Angle**
A member fixed to concrete of supporting steelwork at the perimeter of a flooring area.

10 FLOORING PRODUCTS

Standard Specifications

Open steel flooring is constructed from mild steel and is welded to a variety of sizes. The applicable standards are BS4592-0 and EN ISO14122-2.

20mm Ball Proof
Typically used on walkways above machinery and permanent working areas where there is risk to personnel of objects falling from above. This is available in a variety of mesh sizes and load categories based on the maximum span and deflection required.

35mm Ball Proof
Typically used for maintenance access and on industrial plants, unmanned substation modules and data centres where site access is limited and occasional.

Utility (41/100)
To be used where there is no risk of personnel passing below the working platform or walkway. Typically used on ground level shallow trenches, above water channels in treatment works or placed on solid floors to elevate walking areas from contaminants.

Standard Range

Mesh sizes are specified centre to centre and are available in self-colour and galvanised coatings, loading capacities of 5kn/m2 or 7.5kn/m2 and serrated or plain bearing bars.

Flooring	Bearing Bar Width	Mesh Size or Pitch	Bearing Bar Depths
	mm	mm	mm
20mm Ball Proof	3	21/100	25, 30, 35, 40
	5	23/100	25, 30, 35 40, 45, 50, 60
35mm Ball Proof	3	37/125	25, 30, 35, 40
	5	38/125	25, 30, 35 40, 45, 50, 60
Utility (41/100)	3	47/125	25, 30, 35, 40
	5	47/125	25, 30, 35 40, 45, 50, 60

Diamond pattern, 15mm steel gratings and bespoke solutions are available upon request.

10 FLOORING PRODUCTS

Associated Products

Flooring Clips – Used to fix down open steel flooring. They are suitable for either 30 or 41 pitch and come with a 70mm bolt and nut as standard.
Kick Plates – A flat bar to act as a protective barrier.

Stairtreads

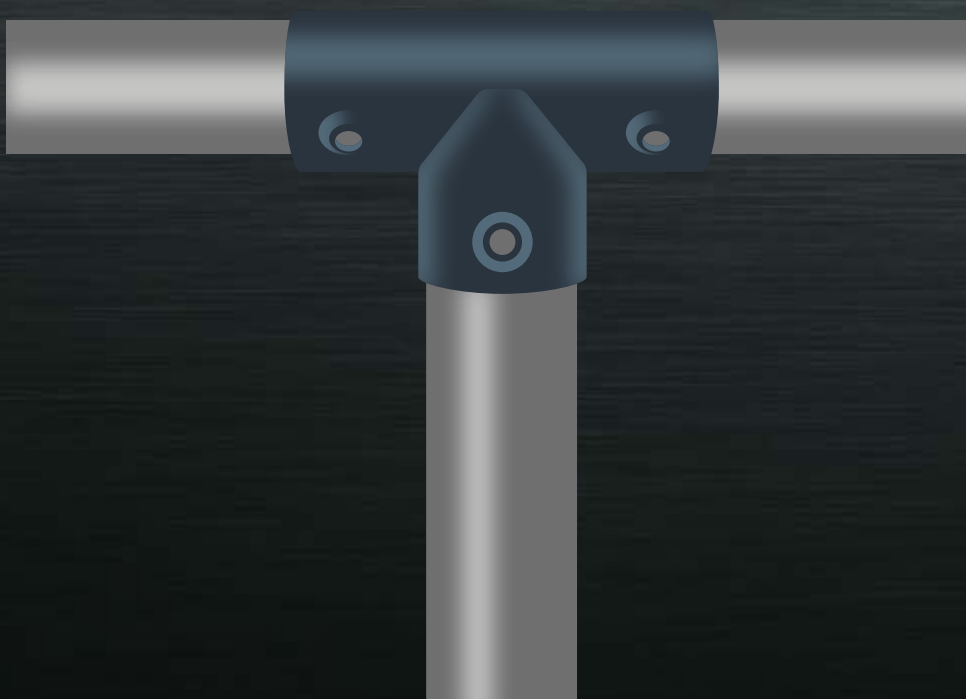
Standard Range – 41/100 pitch, 25 x 5 load bearing bars, 800mm or 1000mm length, 242mm or 283mm width, self-colour or galvanised.
Universal Range – Supplied in 41/100, 25 x 5 x 1000mm long with only one end plate fitted. The other is supplied loose making them ideal for on-site fabrication.
Nosing – A member attached to the front edge of a stairtread. The standard supplied is a Non-Slip finish. Other finishes: Pyramid, Carborundum and Ferodo are available.

Stairtread Load Tables

41/100 30 x 30 x 3 Nosing	Maximum Span (based on pedestrian loading)
Load Bar Size	Uniform Load 5kN/m²
25 x 3	730
25 x 5	1000
30 x 3	1100
30 x 5	1260
35 x 3	1280
35 x 5	1440
40 x 3	1440
40 x 5	1630

Note: Load table information is for guidance only.

11 HANDRAILING PRODUCTS



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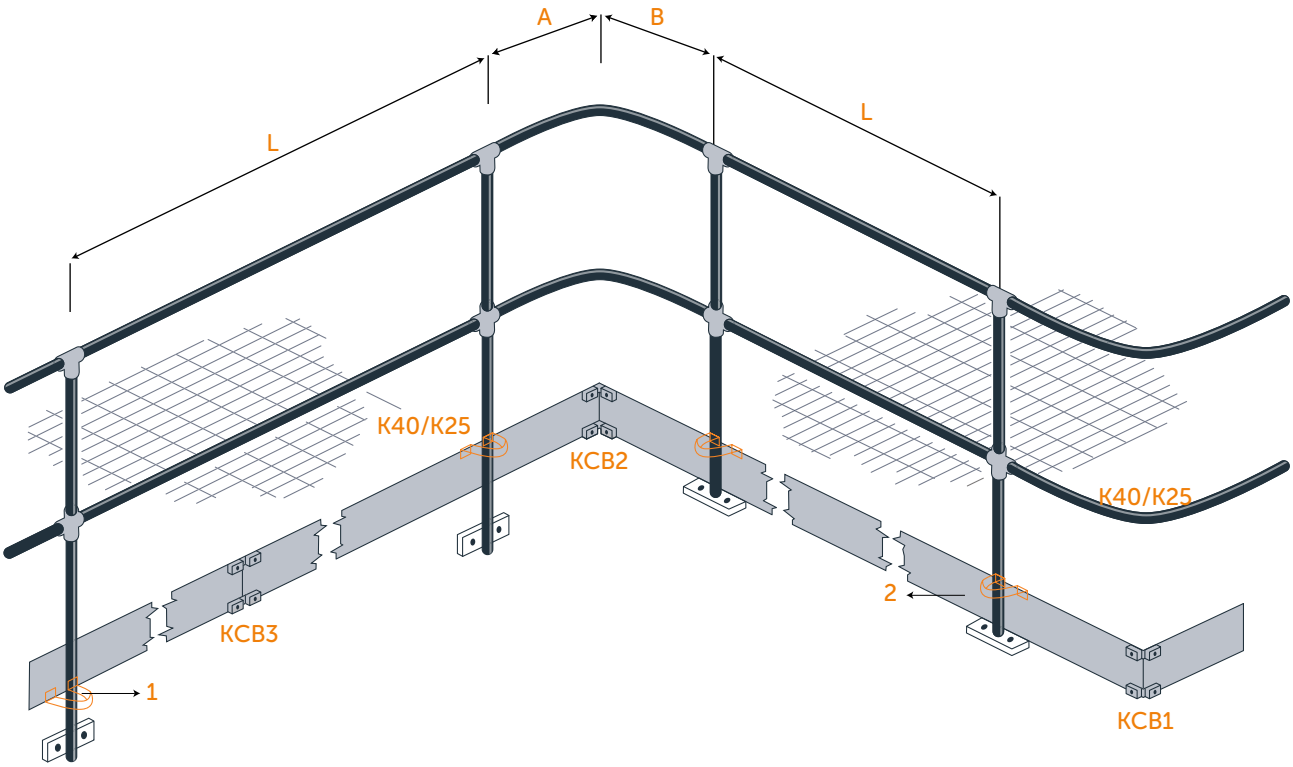
11 HANDRAILING PRODUCTS

Handrail Detailing



1 **Side Palm Fixing System**
Alternative Kick Klamp on the top and bottom of standards.

2 **Flat Base Fixing System**
Use Kick Klamp on the top of every standard.

Handrailing Load Tables

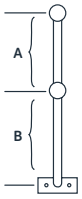
Handrail Standard	L = Max spacing of 1100 High Standards	
	360 N/m	740 N/m
25NB Tubular	820	410
32NB Tubular	1500	800
32 dia Solid	1180	600
38 dia Solid	1800	1050

All items manufactured to appropriate British and European Standards in accordance with EN ISO 9001:2015.

11 HANDRAILING PRODUCTS

Handrail Standards, Tubes & Fittings

Standards – Types of Standard



Shank size:
25NB (33.7mm dia) tubular
32NB (42.4mm dia) tubular
32 dia solid
38 dia solid

Raked standards A = 450
Horizontal standards B = 550

Bases – Base Plates

(12mm x 150mm x 65mm) with 18mm dia fixing holes

	Horizontal standards Flat base fixing (100mm hole centres)	A = 550 B = 550
	Horizontal side palm (100mm hole centres)	B = 625
	Vertical side palm (65mm hole centres)	B = 625
	Raked standards Horizontal side palm (100mm hole centres) Specify left-hand or right-hand based on look up the stairs. Please also indicate 38° or 42° rake.	A = 450 B = 550

Connectors

All connectors to suit 25NB tube only.

 Crimped straight

 Crimped 90° bend

 Grub screw straight

 Spring connector (plastic coated)

 Expanding connectors

Sticks

Sticks are not drilled and tapped for grubscrews.

Shank size:

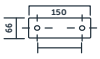
25NB tubular
32NB tubular
32 dia solid
38 dia solid

Raked sticks A = 450
Horizontal sticks A = 550
Tubular sticks B = 700
Solid sticks B = 695

Raked sticks 25NB tubular.
Please also indicate 38° or 42° rake.

Accessories

 Balls (self-colour) — 64mm dia to suit 25NB; 75mm dia to suit 25NB



Base plates (self-colour)

 Crimping tool (for handrail crimp connectors)

Handrails – all handrails 25NB tube only (Self-colour and galvanised available)

Return bend

Ramp bend – please also indicate 38° or 42° rake

90° bend

Stair return bend – please also indicate 38° or 42° rake

Standard length tube 6m nominal

11 HANDRAILING PRODUCTS

Kick Klamps

Kick Klamps are a revolutionary system for fixing flat and toe board to handrail standards. The basic principal involves gripping the kick plate with steel 'forked fingers' and fixing to the tube upright with a single grub screw.

Major benefits include:

- Retrofit to existing handrail
- Eliminate drawing office detailing
- No drilling required
- Easy installation
- Simple, flexible and re-usable
- Complete component system

KCB1

KCB2

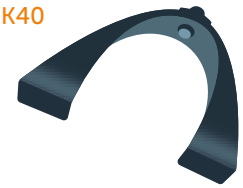
KCB3

Code

KCB1 Internal Corner
KCB2 External Corner
KCB3 Straight Connector
K25 to suit 25NB tubular or solid shanks
K40 to suit 32 – 40NB tubular or solid shanks

K25

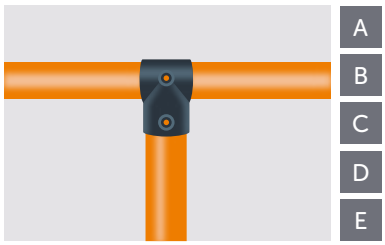
K40



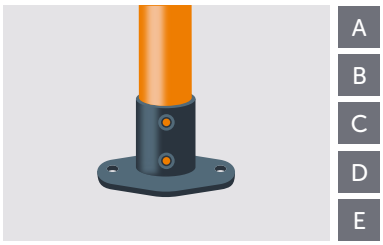
Tube

Tube Clamp Size	Size	Diameter	Wall Thickness
	Metric	O/D mm	mm
A 20mm	NB	26.9	2.65
B 25mm	NB	33.7	3.25
C 32mm	NB	42.4	3.25
D 40mm	NB	48.3	3.25
E 50mm	NB	60.3	3.65

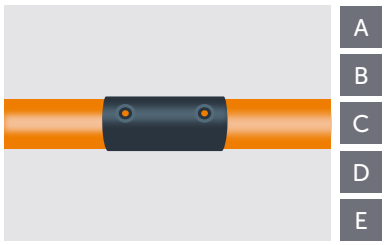
Clamps



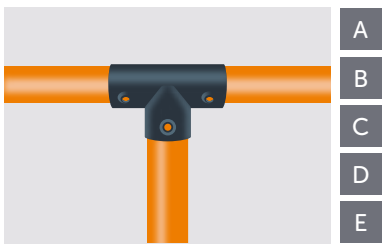
101 Short Tee



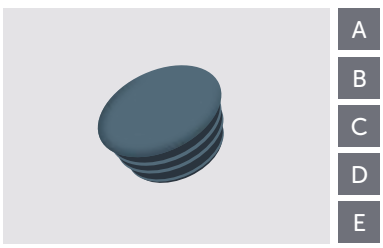
132 Railing Base Flange



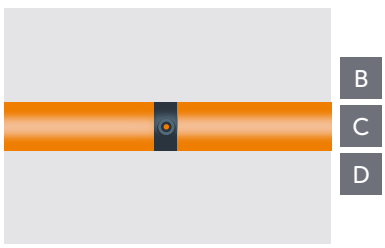
149 Sleeve Joint



104 Long Tee



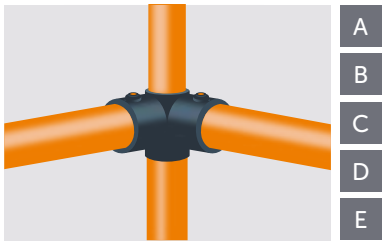
133 Stop Ends (plastic)



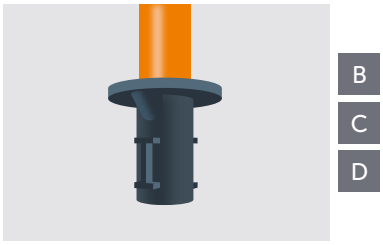
150 Internal Joint

11 HANDRAILING PRODUCTS

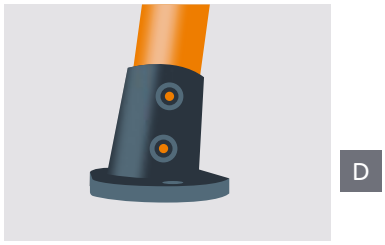
Clamps



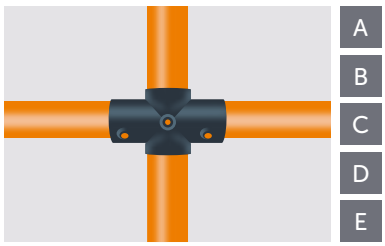
116 Corner with through centre tube



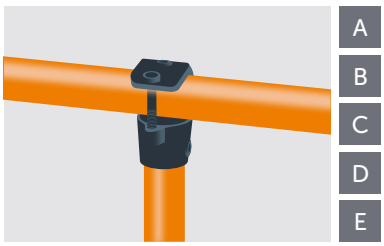
134 Ground Socket



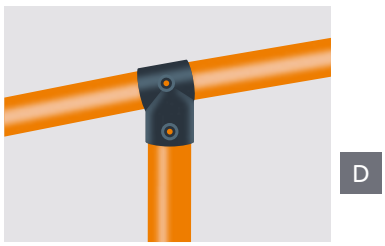
152 Base Flange
Allows slope up to 11°



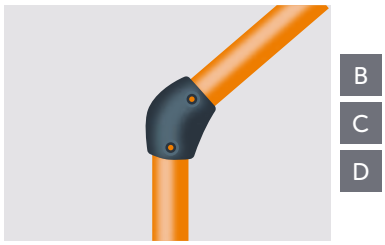
119 Two Socket Cross with centre vertical tube



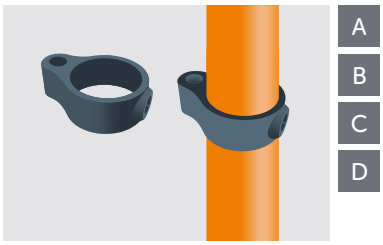
135 Clamp on Tee



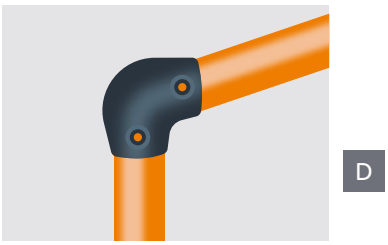
153 Short Tee
Allows slope up to 11°



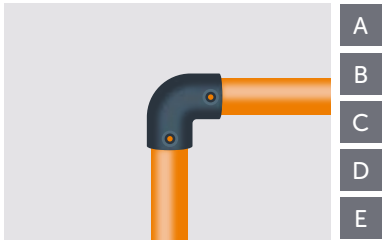
124 Variable Elbow
15° - 60° from horizontal



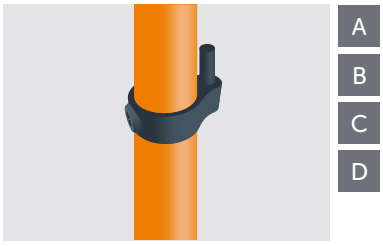
138 Gate Eye



154 Elbow
Allows slope up to 11°

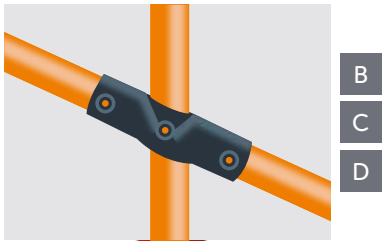


125 90° Elbow

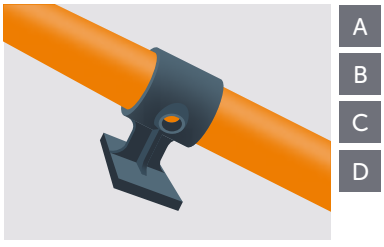


140 Gate Hinge

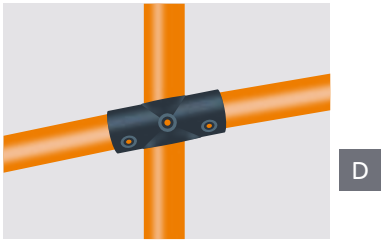
155 Long Tee
Allows slope up to 11°



126 Angle Cross
Allows slope up to 45°



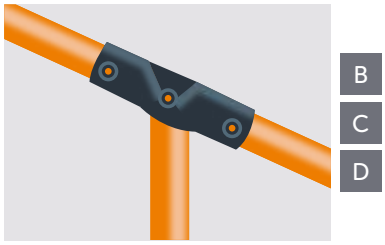
143 Handrail Bracket



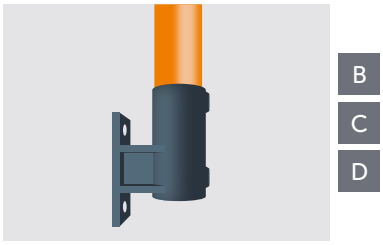
156 Two socket Cross
Allows slope up to 11°

11 HANDRAILING PRODUCTS

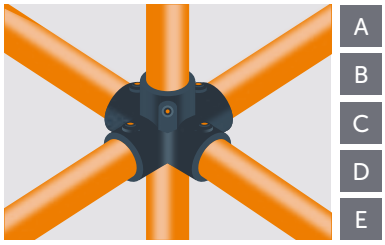
Clamps



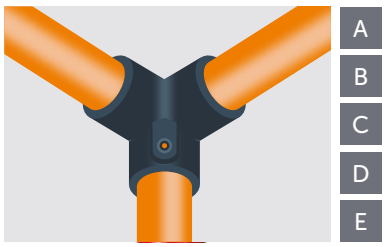
127 Angle Tee
Allows slope up to 45°



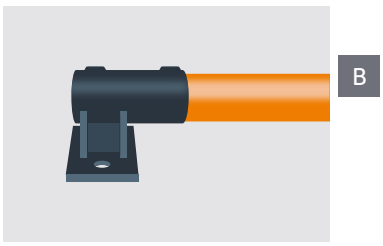
144 Railing Side Support Vertical Base



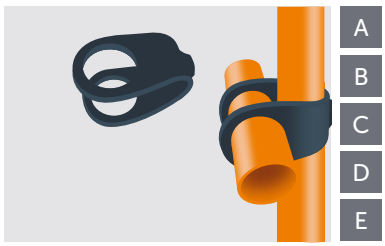
158 Four Way Cross with centre tube



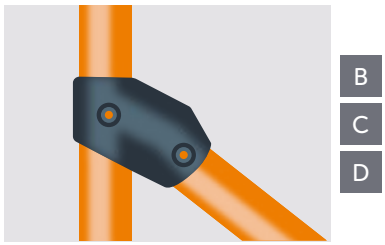
128 3 Way 90° Elbow



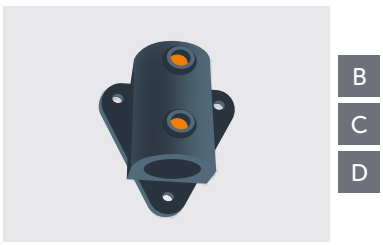
145 Railing Side Support Horizontal Base



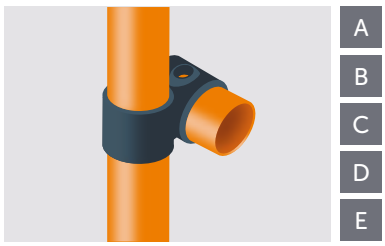
160 Clamp on Crossover



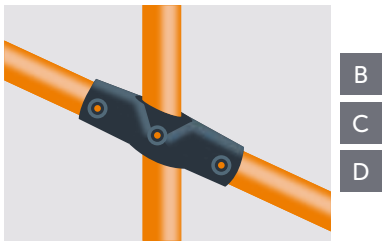
129 Angle Short Tee 30° - 60°



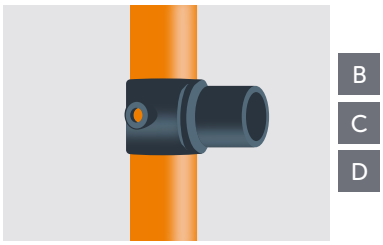
146 Side Palm Fixing



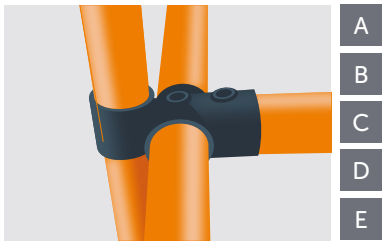
161 90° Crossover
(Also new sizes: C/B, D/C, D/B)



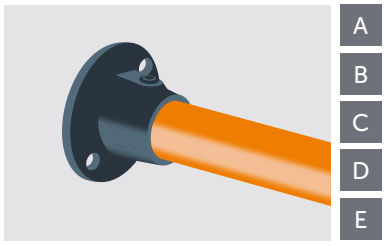
130 Two Socket Cross with adjustable centre *30° - 45°*



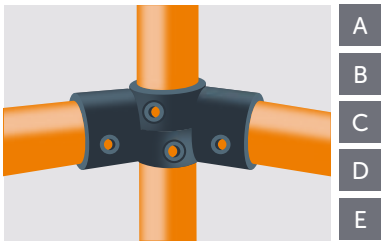
147 Internal Swivel Tee



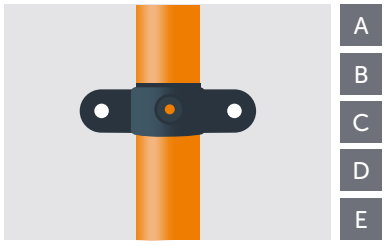
165 Combination Socket Tee & Crossover



131 Wall Flange



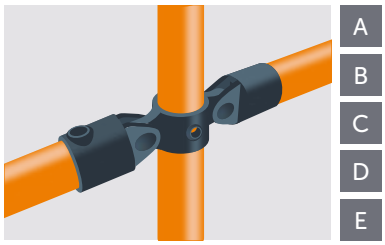
148 Short Tee Swivel
(This shows 2 fittings)



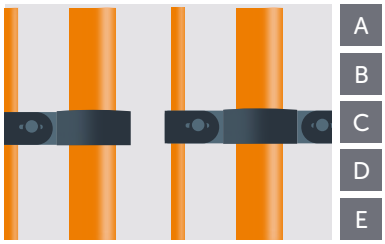
167M Double Male Section of Swivel

11 HANDRAILING PRODUCTS

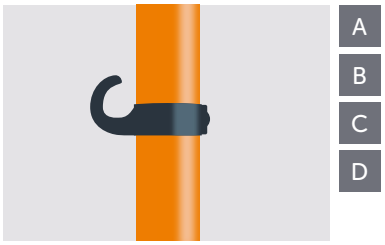
Handrail Standards, Tubes & Fittings



167 Double Swivel Combination

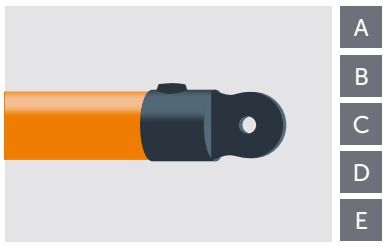


170 & 171 Mesh Panel Clips

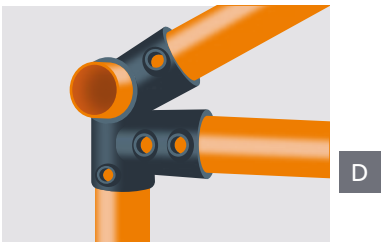


182 Hook

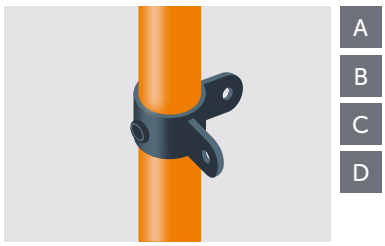
168 90° Corner Swivel Combination



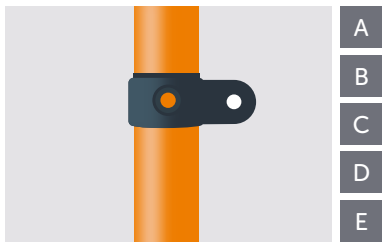
173F Female Section of Swivel



185 27 ½° Eaves Fitting



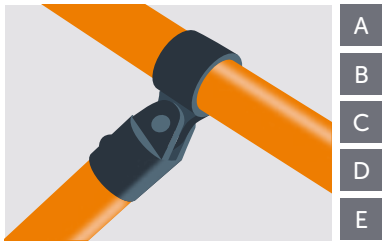
168M 90° Corner Swivel Male Section



173M Single Male Section of Swivel

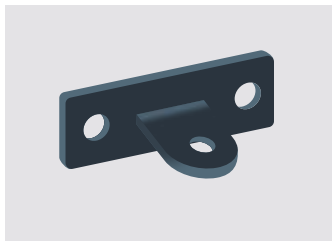
191 27 ½ Ridge Fitting

169 Swivel Base

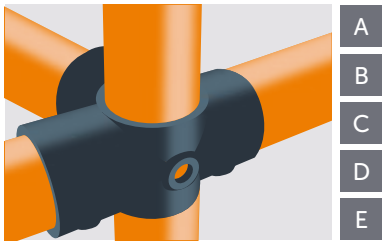


173 Single Swivel Combination

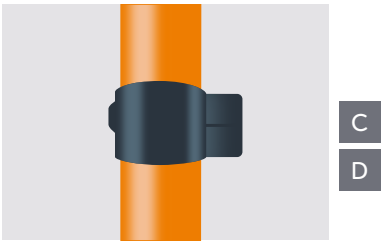
192 Base Flange Weather Shield



169M Swivel Base Section



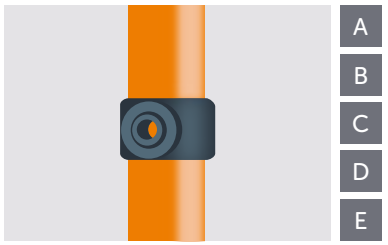
176 Side Outlet Tee



199 Adjustable Fixing Bracket

11 HANDRAILING PRODUCTS

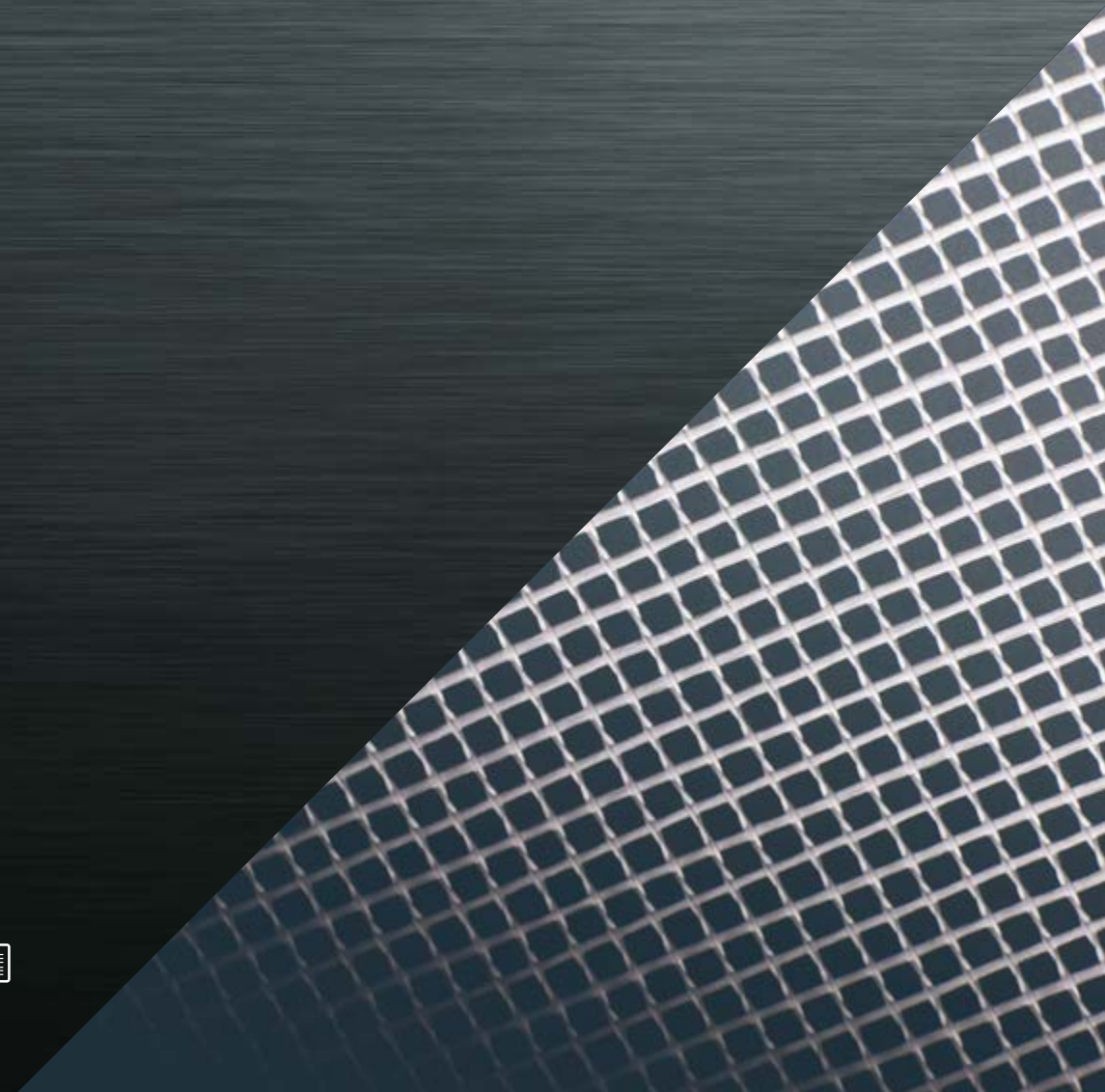
Handrail Standards, Tubes & Fittings



179 Locking Collar

233 Key & Ratchet Set

12 MESH PRODUCTS



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12 MESH PRODUCTS

Welded Mesh

Welded Mesh can be supplied in standard panel, roll form or can be manufactured to size from a variety of gauges (from 2mm to 8mm) and mesh sizes from 1/4" to 12". Mesh is available hot dip galvanised to EN ISO 1461:2009 Part 1, which provides significant protection to the mesh and ensures no bare ends that may result when cutting from a galvanised roll.

Mesh is manufactured in accordance with EN ISO 9001:2015 from steel.

Weight Guide (copper washed) (add 10% for galvanised)

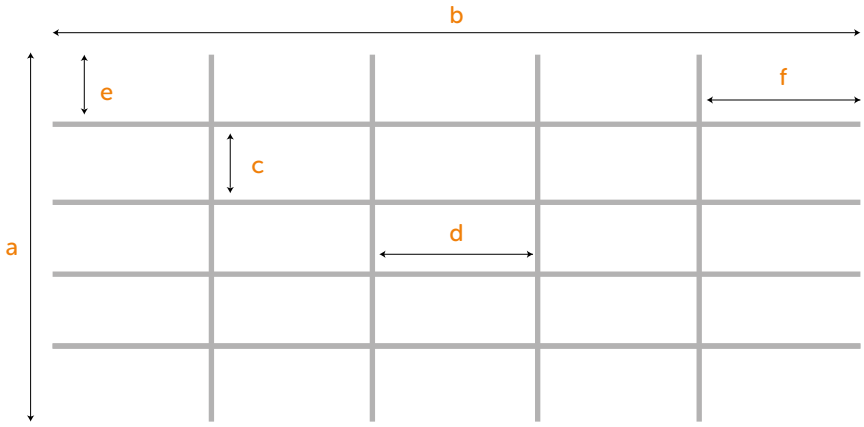
Specification		Standard Panels with Flush Edges					60ft Rolls with Flush Edges		
Metric (mm)	Imperial (g)	4' x 8' 1220 x 2440	6' x 12' 1830 x 3660	6' x 4' 1830 x 1220	6' x 3' 1830 x 915	7' x 12' 2135 x 3660	84"	72"	48"
25 x 25 x 2.5	1 x 1 x 12	8.7	19.5	6.6	4.9	22.7	113.5	97.3	65.1
50 x 25 x 2.5	2 x 1 x 12	6.6	14.7	4.9	3.7	17.1	85.3	73.2	49.0
50 x 50 x 2.5	2 x 2 x 12	4.4	9.9	3.3	2.5	11.5	57.1	49.0	32.9
75 x 13 x 2.5	3 x 1/2 x 12	10.2	22.8	7.6	5.7	26.5	132.2	113.4	75.9
75 x 25 x 2.5	3 x 1 x 12	5.9	13.1	4.4	3.3	15.2	75.9	65.1	43.7
25 x 25 x 3.2	1 x 1 x 10	13.2	29.5	9.9	7.4	34.4	172.2	147.6	98.4
38 x 38 x 3.2	1 1/2 x 1 1/2 x 10	8.9							
50 x 25 x 3.2	2 x 1 x 10	9.9	22.2	7.5	5.6	25.9	130.2	111.6	74.4
50 x 50 x 3.2	2 x 2 x 10	6.7	14.9	5.0	3.8	17.4	88.2	75.6	50.4
75 x 13 x 3.2	3 x 1 1/2 x 10	15.3	34.5	11.5	8.7	40.6	201.6	172.8	115.2
72 x 25 x 3.2	3 x 1 x 10	8.9	19.8	6.7	5.0	23.5	117.6	100.8	67.2
75 x 75 x 3.2	3 x 3 x 10	4.5	10.0	3.4	2.6	11.7	58.8	50.4	33.6
100 x 100 x 3.2	4 x 4 x 10	3.4							
25 x 25 x 4	1 x 1 x 8	22.1							
50 x 25 x 4	2 x 1 x 8	16.6	37.2	12.5	9.4	48.3	215.8	185.2	124.0
50 x 50 x 4	2 x 2 x 8	11.2	24.2	8.4	6.4	29.1	144.5	124.1	83.0
75 x 13 x 4	3 x 1 1/2 x 8	25.7	57.5	19.3	14.5	67.1	334.6	287.0	191.9
75 x 75 x 4	3 x 3 x 8	7.6	16.8	5.7	4.3	19.6	97.0	83.3	56.1
50 x 50 x 4.8	2 x 2 x 6	16.4	36.4	12.3	9.3	42.4	211.0	181.2	121.6
75 x 75 x 4.8	3 x 3 x 6	11.1	24.5	8.4	6.3	28.5	141.6	121.7	82.0
75 x 150 x 4.8	3 x 6 x 6	8.4	18.6	6.4	4.8	21.6	106.9	92.0	62.1

12 MESH PRODUCTS

How to Order Welded Mesh

Panels/rolls with flush edges – The following specifications are required: a) Width of panel/roll, b) Length of panel/roll, c) Mesh size on width, d) Mesh size on length, e) Gauge of wire, f) Finish of wire.

Panels with overhang – The following specifications are required: a) Width of panel including overhang, b) Length of panel including overhang, c) Mesh size on width, d) Mesh size on length, e) Length of overhang required, f) Gauge of wire, g) Finish of wire.



12 MESH PRODUCTS

Reinforcing Mesh

Fabric is manufactured to BS 4483:2005 from cold reduced wire, which complies with BS 4482:2005. Wire is manufactured in line with the requirements of BS 4449:2005+A3:2016. Each wire intersection is resistance welded using electronically controlled techniques.

- Standard sheets are 4.8m x 2.4m. 3.6m x 2.0m merchant size sheets are also available (see table)
- When ordering non-standard sheets, the main wire length should be the first dimension stated
- Reinforcing rods in both mild and high yield to BS EN 1992-1-1+A1 (according to Eurocode 2: design of concrete structures) are available in 6m to 40m diameters and standard lengths of 6m and 12m
- Reinforcing rods can also be supplied cut and bent

BS Ref	Mesh Sizes Nominal Pitch of Wires		Size of Wires		Cross Sectional Area per Metre Width		Nominal Mass Per Sq Mtr	No. Sheets per Tonne
	Main (mm)	Cross (mm)	Main (mm)	Cross (mm)	Main (mm)	Cross (mm)	kg	
BS Reference 'A' Square Mesh Fabric								
A329	200	200	10	10	393	393	6.16	15
A252	200	200	8	8	252	252	3.95	22
A193	200	200	7	7	193	193	3.02	29
A142	200	200	6	6	142	142	2.22	39
A98	200	200	5	5	98	98	1.54	56
BS Reference 'B' Structural Fabric								
B1131	100	200	12	8	1131	252	10.9	8
B785	100	200	10	8	785	252	8.14	11
B503	100	200	8	8	503	252	5.93	15
B385	100	200	7	7	385	193	4.53	20
B283	100	200	6	7	283	193	3.73	24
B196	100	200	5	7	196	193	3.05	29
BS Reference 'C' Long Mesh Fabric								
C785	100	400	10	6	785	70.8	6.72	13
C636	100	400	9	6	636	70.8	5.55	16
C503	100	400	8	5	503	49.0	4.34	20
C385	100	400	7	5	385	49.0	3.41	26
C283	100	400	6	5	283	49.0	2.61	34
BS Reference 'D' Wrapping Fabric								
D98	200	200	5	5	98.0	98.0	1.54	57
D49	100	100	2.5	2.5	49.1	49.1	0.77	113

Standard sheet size is 4.8m long by 2.4m wide.

12 MESH PRODUCTS

Perforated Sheet

Perforated Sheets are available in a wide range of materials and patterns. A pattern number often refers to the standard sizes and it is advisable to provide either the manufacturer name or the full detail.

Popular sizes are listed below:

Hole Diameter	Pitch	Thickness	% Open Area	Stock Size	Material
3	5	0.7	3.2	1250 x 2500	Galvanised Steel
5	7.5	1.0	40		Galvanised Steel
8	11	1.5	48		Steel
10	12.7	1.0	40		Steel

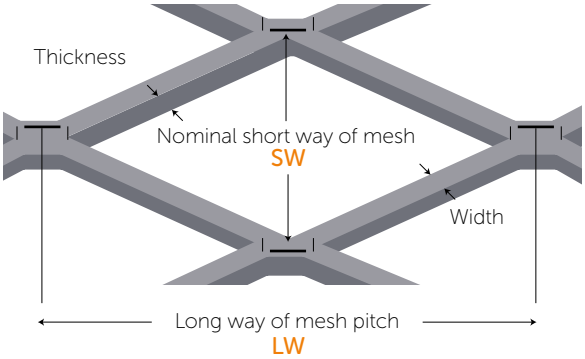
All dimensions given in mm.

Pitch is termed the distance between the centre of one hole to the centre of the next hole.

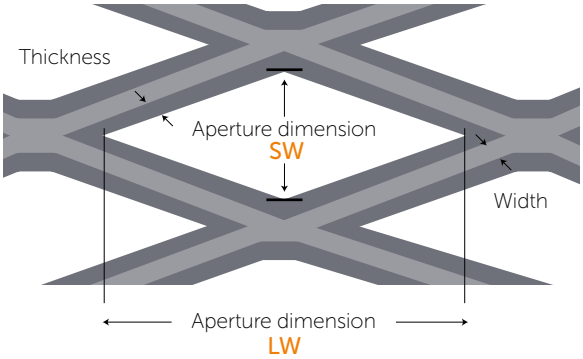
Expanded Metal Mesh

Expanded Metal Mesh is manufactured in line with BS 405:1987.

Raised (Conventional) Mesh Dimensions
For conventional meshes with angled strands dimensions from centre to centre of knuckles are shown.



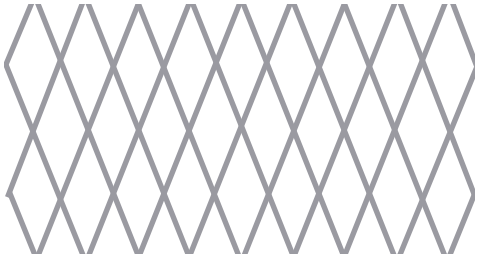
Flattened Mesh Dimensions
For flattened meshes dimensions of the aperture point to point are shown.



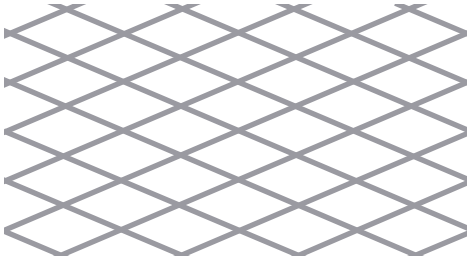
When ordering, please state:

- Raw material
- Quantity of sheets required
- Sheet size (LW dimension first – the diagrams below illustrate this point)
- Any special finish required

This sheet is 1220 x 2440mm LW x SW:



This sheet is 2440 x 1220mm LW x SW:



LW denotes long way of mesh dimension. SW denotes short way of mesh dimension.

12 MESH PRODUCTS

Expanded Metal Mesh

Popular sizes are listed below:

Type	Mesh Size (mm)		Strand Size (mm)		kg/m²	% Open Area	Stock Size (mm)
	Lwd	Swd	Swdt	Stk			
A Flattened*	39.12	18.12	4.72	2.74	7.55	66	1220 x 2440
B Flattened	42.93	14.22	4.60	2.69	8.59	61	2440 x 1220
C Flattened	23.11	5.84	3.20	1.52	6.27	48	2440 x 1220
D Flattened	32.77	10.92	3.18	1.50	4.41	63	2440 x 1220
E Raised Mesh	50.80	22.58	3.12	3.00	6.52	72	2440 x 1220
F Walkway Mesh	60.96	24.80	6.10	4.50	17.29	51	2440 x 1220
G Walkway Mesh*	120.96	36.80	6.35	4.50	13.23	65	2440 x 1220

**Panels with diamond pattern running either way.*

The table shows details of 7 of the most popular sizes. A wide range of other sizes are available. Please contact your account manager for details.

13 ENGINEERING BAR

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13 ENGINEERING BAR

Engineering Bar

Steel Group	Standard	Grade	British 0v Standard	EN Equivalents (Guidance only)	Comments
Low Carbon	EN10083-1	C22E	070M20	3A / 3B	Black & Bright – Rounds/Squares/Angle/Flats: Used for General Engineering purposes. Suitable for lightly stressed manufactured components including bolts, studs, shafts etc. Possesses good machining properties and is suitable for welding.
			080A15	32B / 3B	
Medium Carbon	EN10083-1	C40E	080M40	8	Black & Bright – Rounds only: Medium tensile steel suitable for axles, spindles, studs, automotive and general engineering components. These steels are widely used for applications where better properties than mild steel are required but the expense of an alloy steel is not justified.
Freecutting	EN10087	11SMn30	230M07	1A	Bright – Rounds only: Free cutting (easily machined). Widely used by repetition turned-part manufacturers for runs on high speed automatic machines. Gives good production rates, long tool life and a high level of surface finish for machined components.
		11SMnPb30	230M07Pb	1A Leaded	Bright – Rounds/Hexagons: Referred to as 'Leaded'. Addition of sulphur and lead further improves machinability.

Standard Size Ranges

Black Products

Black Round Bar	mm
Rolled	25 - 350
Forged	340 - 560

Black Sections

Black Sections		mm
Squares		25 - 100
Flats	Width	25 - 150
	Thickness	3 - 50

Bright Products

Bright Drawn Barm		mm	in
Rounds		3 - 160	1/8 - 9
Hexagons		7 - 75	0.250 - 3.550
Squares		6 - 100	1/8 - 4
Flats	Width	8 - 200	1/4 - 12
	Thickness	3 - 50	1/8 - 3
Bright Turned Bar		80 - 200	3.1/4 - 9
Precision Ground Bar		20 - 70	

Reinforcing Bar

Diameter (mm)	Mass Per Metre Run (kg/m)
6	0.222
8	0.395
10	0.616
12	0.888
16	1.579
20	2.466
25	3.854
32	6.313
40	9.864
50	15.413

14 GENERAL INFORMATION

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14 GENERAL INFORMATION

Grade Comparisons

The following comparison tables are only intended as an indication of the closest known equivalent grades. The source standards should always be checked for the specific purpose for each material, in case of doubt.

Revised European	European	British	German		French	American	
EN10025 Part 2: 2004	EN10025: 1993	BS4360	DIN 17100	Werkstoff	NFA 35-501	ASTM	SAE
-	S185	-	St33	1.0035	A33	A283 A,B,C,D	-
S235 JR	S235 JR(G2)	40(A) B	RSt37-2	1.0038	E24-2	A284 Gr. C, D	1015
S235 J0	S235 J0	40C	St37-3U	1.0114	E24-3	–	-
S235 J2 (+N)	S235 J2G3	40D	St37-3N	1.0116	E24-4	A284 Gr. D	-
S235 J2	S235 J2G4	40EE	-	1.0117	-	A36	-
S275 JR	S275 JR	43(A) B	St44-2	1.0044	E28-2	A529 Gr. 42,50	1020
S275 JO	S275 JO	43C	St44-3U	1.0143	E28-3	A572 Gr. 42	-
S275 J2 (+N)	S275 J2G3	43D	St44-3N	1.0144	E28-4	A572 Gr. 42,50	-
S275 J2	S275 J2G4	43EE	-	1.0145	-	–	-
S355 JR	S355 JR	50B	-	1.0045	E36-2	A633 Gr. A,C,D	-
S355 JO	S355 JO	50C	St52-3U	1.0553	E36-3	A572 Gr. 50	-
S355 J2 (+N)	S355 J2G3	50D	St52-3N	1.057	E36-3	A572 Gr. 50	1024
S355 J2	S355 J2G4	-	-	1.0577	A52 FP	A656 Gr. 50	-
S355 K2 (+N)	S355 K2G3	50DD	-	1.0595	E36-4	-	-
S355 K2	S355 K2G4	50EE	-	1.0596	-	-	-
S450 J0	-	55C	-	1.0590	-	-	-
E295	E295	-	St50-2	1.005	A50-2	-	-
E335	E335	-	St60-2	1.006	A60-2	-	-
E360	E360	-	St70-2	1.007	A70-2	-	-

14 GENERAL INFORMATION

Structural Fine Grained Steel Equivalents

Revised European	European	British	German		French	American
EN10025 Part 3: 2004	EN10113-2	BS4360	DIN 17102	Werkstoff	NFA 36-201	ASTM
S275N	S275N	43DD	StE285	1.0486	-	A633 A
S275NL	S275NL	43EE	TStE285	1.0488	-	A633 A
S355N	S355N	50DD	StE355	1.0562	E355 R	A633 C/D
S355NL	S355NL	50EE	TStE355	1.0566	E355 FP	A633 C/D
S420N	S420N	-	StE420	1.8902	E420 R	A633 E
S420NL	S420NL	-	TStE420	1.8912	E420 FP	A633 E
S460N	S460N	55C	StE460	1.8905	E460 R	-
S460NL	S460NL	55EE	TStE460	1.8915	E460 FP	-

Thermo-mechanically Control Rolled (TMCR) Steel Equivalents

Revised European	European	British	German		French	American
EN10025 Part 4: 2004	EN10113-3	BS4360	DIN 17102	Werkstoff	NFA 36-201	ASTM
S275M	S275M	-	StE285 TM	1.8818	-	-
S275ML	S275ML	-	TStE285 TM	1.8819	-	-
S355M	S355M	-	StE355 TM	1.8823	E355 R	A945 Gr.50
S355ML	S355ML	50EE	TStE355 TM	1.8834	E355 FP	-
S420M	S420M	-	StE420 TM	1.8825	E420 R	A945 Gr.65
S420ML	S420ML	-	TStE420 TM	1.8836	E420 FP	-
S460M	S460M	-	StE460 TM	1.8827	E460 R	-
S460ML	S460ML	55EE	TStE460 TM	1.8838	E460 FP	-

14 GENERAL INFORMATION

Weathering Steel Equivalents

Revised European	European	British	German		French	American
EN10025 Part 5: 2004	EN10155	BS4360	DIN 17119	Werkstoff	NFA 35-502	ASTM
S235J0W	S235J0W	WR40B	-	1.8958	E24W-3	-
S235J2W	S235J2W	-	WTSt 37-3	1.8961	E24W-4	-
S355 J0WP	S355 J0WP	WR50A	-	1.8945	E36W-A3	-
S355 J2WP	S355 J2WP	-	-	1.8946	E36W-A4	-
S355J0W	S355J0W	WR50B	-	1.8959	E36W-B3	A709 50W
S355J2W (+N)	S355J2G1W	WR50C	-	1.8963	-	-
S355J2W	S355J2G2W	-	WTSt 52-3	1.8965	-	A709 50W
S355K2W (+N)	S355K2G1W	-	-	1.8966	E36W-B4	-
S355K2W	S355K2G2W	-	-	1.8967	-	A709 50W

Heat Treatable Steel Equivalents

Revised European	European	British	German		French	American
EN10025 Part 6: 2004	EN10137-2	BS4360	DIN SEW090	Werkstoff	NFA 36-204	ASTM
S460Q	S460Q	-	-	1.8908	E460T R	A537 A2
S460QL	S460QL	55F	TStE 460V	1.8906	E460T FP	-
S460QL1	S460QL1	-	-	1.8916	-	-
S500Q	S500Q	-	StE 500V	1.8924	E500T R	-
S500QL	S500QL	-	TStE 500V	1.8909	E500T FP	-
S500QL1	S500QL1	-	EStE 500V	1.8984	-	-
S550Q	S550Q	-	StE 550V	1.8904	E550T R	-
S550QL	S550QL	-	TStE 550V	1.8926	E550T FP	-
S550QL1	S550QL1	-	EStE 550V	1.8986	-	-
S620Q	S620Q	-	StE 620V	1.8914	E620T R	-
S620QL	S620QL	-	TStE 620V	1.8927	E620T FP	-
S620QL1	S620QL1	-	EStE 620V	1.8987	-	-
S690Q	S690Q	-	StE 690V	1.8931	E690T R	A514 F
S690QL	S690QL	-	TStE 690V	1.8928	E690T FP	A709 100
S690QL1	S690QL1	-	EStE 690V	1.8988	-	-
S890Q	S890Q	-	-	1.8940	-	-
S890QL	S890QL	-	TStE 890V	1.8983	-	-
S890QL1	S890QL1	-	EStE 890V	1.8925	-	-
S960Q	S960Q	-	-	1.8941	-	-
S960QL	S960QL	-	TSte 960V	1.8933	E960 T-11	-

14 GENERAL INFORMATION

Quench & Tempered Steel Equivalents

European	British	German		French	American
EN10083-1	BS970-3	DIN 17200	Werkstoff	NFA 33101	SAE
C22E	070M20	ck 22	1.1151	XC18	1020
C22R	-	cm22	1.1149	XC18u	-
C25E	070M26	ck25	1.1158	XC25	-
C25R	-	cm25	1.1163	XC25u	-
C30E	080M30	ck30	1.1178	XC32	-
C30R	-	cm30	1.1179	XC32u	-
C35E	080M36	ck35	1.1181	XC38H1	1035
C35R	-	cm35	1.1180	XC38H1u	-
C40E	080M40	ck40	1.1186	XC42H1	1040
C40R	-	cm40	1.1189	XC42H1u	-
C45E	080M46	ck45	1.1191	XC48H1	1045
C45R	-	cm45	1.1201	XC48H1u	-
C50E	080M50	ck50	1.1206	-	-
C50R	-	cm50	1.1241	-	-
C55E	070M55	ck55	1.1203	XC55H1	1055
C55R	-	cm55	1.1209	XC55H1u	-
C60E	070M60	ck60	1.1221	-	-
C60R	-	cm60	1.1223	-	-
28Mn6	150M19	28Mn6	1.1170	-	1527
38Cr2	-	38Cr2	1.7003	38C2	-
38CrS2	-	38CrS2	1.7023	38C2u	-
46Cr2	-	46Cr2	1.7006	-	-
46CrS2	-	46CrS2	1.7025	-	-
34Cr4	530M32	34Cr4	1.7033	32C4	-
34CrS4	-	34CrS4	1.7037	32C4u	-
37Cr4	530M36	37Cr4	1.7034	38C4	-
37CrS4	-	37CrS4	1.7038	38C4u	-
41Cr4	530M40	41Cr4	1.7035	42C4	-
41CrS4	-	41CrS4	1.7039	42C4u	-
25CrMo4	708M25	25CrMo4	1.7218	25CD4	-
25CrMoS4	-	25CrMoS4	1.7213	25CD4u	-
34CrMo4	708M32	34CrMo4	1.7220	34CD4	-
34CrMoS4	-	34CrMoS4	1.7226	34CD4u	-
42CrMo4	708M40	42CrMo4	1.7225	42CD4	4142
42CrMoS4	-	42CrMoS4	1.7227	42CD4u	-
50CrMo4	708M50	50CrMo4	1.7228	-	-
36CrNiMo4	817M37	36CrNiMo4	1.6511	-	-

14 GENERAL INFORMATION

Quench & Tempered Steel Equivalents (continued)

European	British	German		French	American
EN10083-1	BS970-3	DIN 17200	Werkstoff	NFA 33101	SAE
34CrNiMo6	817M40	34CrNiMo6	1.6582	-	4340
30CrNiMo8	823M30	30CrNiMo8	1.6580	30CND8	-
36NiCrMo16	835M30	-	1.6773	35NCD16	-
51CrV4	735A50	50CrV4	1.8159	50CV4	50C4V2

European	British	German		French	American
EN10083-2	BS970-1	DIN 17204	Werkstoff	NFA 33101	SAE
C22	-	C22	1.0402	-	-
C25	-	C25	1.0406	-	-
C30	En5	C30	1.0528	AF50C30	-
C35	-	C35	1.0501	AF55C35	1035
C40	En8	C40	1.0511	AF60C40	-
C45	-	C45	1.0503	AF65C45	-
C50	-	C50	1.0540	-	-
C55	En9	C55	1.0535	AF70C50	-
C60	-	C60	1.0601	-	-

Hot Rolled Low Carbon Steel Equivalents (for cold forming)

European	British	German		French	American
EN10111	BS1449	DIN 1614	Werkstoff	NFA 36-301	ASTM A1011
DD11	HR3	STW 22	1.0332	1C	CS
DD12	HR2	STW 23	1.0398	-	-
DD13	HR1	STW 24	1.0335	3C	DS
DD14	-	-	1.0389	-	-

Cold Rolled Low Carbon Steel Equivalents (for cold forming)

European	British	German		French	American
EN10130	BS1449	DIN 1623	Werkstoff	NFA 36-401	ASTM 1008
DC01	CR4	St12	1.0330	C	CS
DC03	CR3	St13	1.0347	E	DS
DC04	CR1	RRSt14	1.0338	ES	DDS
DC05	-	-	1.0312	-	-
DC06	-	-	1.0873	-	EDDS

14 GENERAL INFORMATION

Hot Rolled High Strength Low Alloy Steel Equivalents (flat products)

European	British	German		French	American
EN10149	BS1449	DIN SEW092	Werkstoff	NFA 36-231	ASTM A656
S315MC	43F30	QStE300TM	1.0972	E315D	SAE 1392
S355MC	46F35	QStE360TM	1.0976	E355D	Gr. 50
S420MC	-	-	1.0980	-	Gr. 60
S460MC	50F45	QStE460TM	1.0982	E445D	Gr. 65
S500MC	-	QStE500TM	1.0984	E490D	Gr. 70
S550MC	60F45	QStE550TM	1.0986	E560D	Gr. 80
S600MC	68F62	-	1.8969	E620D	-
S650MC	-	-	1.8967	-	-
S700MC	-	QstE690TM	1.8974	E690D	-

Cold Rolled High Strength Low Alloy Steel Equivalents (flat products)

European	British	German		French	American
EN10268	BS1449	DIN SEW093	Werkstoff	NFA 36-232	ASTM A1008
H240LA	-	ZStE 260	1.0480	E240C	-
H280LA	-	ZStE 300	1.0489	E280C	Gr.45
H320LA	-	ZStE 340	1.0548	E315C	Gr.50
H360LA	-	ZStE 380	1.0550	E355C	Gr.55
H400LA	-	ZStE 420	1.0556	-	Gr.60

14 GENERAL INFORMATION

Conversion Factors

To Convert Length	Multiply By
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

To Convert Area	Multiply By
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 metre to sq yard	1.196
Sq yard to sq metre	0.8361

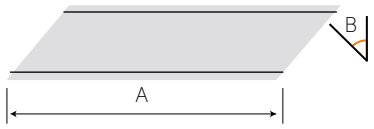
To Convert Volume	Multiply By
Cubic centimetres to cubic inches	0.06103
Cubic inches to cubic centimetres	16.39
Cubic metres to cubic feet	35.32
Cubic feet to cubic metres	0.02832

To Convert Weight	Multiply By
Kilograms to pounds	2.205
Pounds to kilograms	0.4536
Kilograms to tonnes	0.0009842
Tonnes to kilograms	1016.046

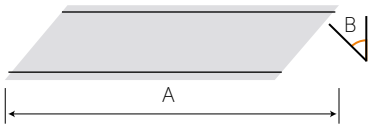
To Convert Length/Weight	Multiply By
Kg/m to lbs/ft	0.672
Lbs/ft to kg/m	1.4882
Kg/m^2 to lbs/ft^2	0.2048
Lbs/ft^2 to km/m^2	4.8824

Mitre Guidelines

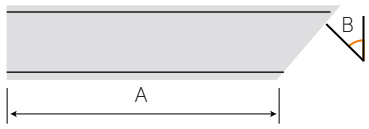
1a **Web**



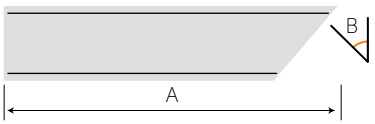
1b **Web**



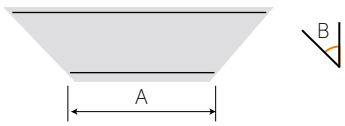
2a **Web**



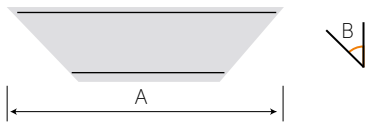
2b **Web**



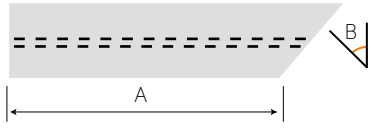
3a **Web**



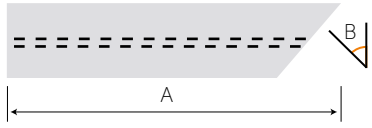
3b **Web**



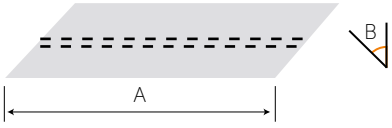
4a **Flange**



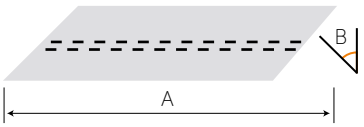
4b **Flange**



5a **Flange**



5b **Flange**



** All the above are cut in 'I' position.*
To avoid misinterpretation please supply a drawing.

14 GENERAL INFORMATION

SWG Details

Thickness Gauges

Standard Wire Gauge (SWG) to mm:

SWG	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

15 CONTACTS

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15 CONTACTS

The contact details listed here are correct at the time of publication. For the latest details of your nearest location, please visit britishsteel.co.uk/local.

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