

# the metal centre

aluminium extrusions

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All weights shown in this publication are for guidance only. They are calculated using nominal dimensions and are scientifically recognised densities. Please note that in practice, the actual weight can vary significantly from the theoretical weight due to variations in manufacturing tolerances and compositions.

The information contained herein is based on our present knowledge and experience and is given in good faith. However, no liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

As the products detailed herein may be used for a wide variety of purposes and as the Company has no control over their use, the Company specifically excludes all conditions and warranties expressed or implied by statute or otherwise as to dimensions, properties and/or their fitness for any particular purpose. Any advice given by the Company to any third party is given for that party's assistance only and without any liability on the part of the Company.

Any contract between the Company and the customer will be subject to the Company's Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.

## The Stock Range Includes

- Tube from 8mm to 900mm in wall thicknesses from 1mm to 5mm with larger/heavier sizes available on fast-track production.
- 45° & 90° Elbows – Radius D+100
- 45° & 90° Elbows – Radius 1.5D
- 90° Elbows – Radius 3D
- Pressed Equal Tees
- Fabricated Equal Tees
- Pulled Equal Tees
- Pulled Reducing Tees
- Concentric Reducers
- Eccentric Reducers
- Pressed Collars
- Pressed Collars – DWSR
- Pressed Collars – NPR
- Angle Collars
- Pressed End Caps
- Stainless Steel Tube Clamps
- Mild Steel Tube Clips
- Mild Steel Backing Flanges – Six Types
- Epoxy Coated Aluminium Backing Flanges
- Pressed Stainless Steel Backing Flanges & Blind Flanges

Grades: EN 1.4307 ( 304L ) & 1.4404 ( 316L )

### Weight per metre (kg) for given Wall Thickness in mm

DN	OD	1.5mm	2.0mm
15	18	0.620	
15	20	0.695	0.901
20	23	0.808	
20	25	0.883	
25	28	0.995	
25	30	1.070	1.402
25	32	1.146	
32	35	1.258	
32	38	1.371	1.803
32	40		1.903
40	43	1.559	
40	44.5		2.128
50	51	1.859	2.454
50	53	1.934	
50	54		2.604
65	68	2.498	
65	69		3.355
65	70		3.405
75	78	2.870	
80	83	3.061	
80	84		4.107
100	103	3.812	
100	104		5.108
125	128	4.751	
125	129		6.360
150	153	5.690	
150	154		7.612
200	203	7.568	
200	204		10.116
250	254		12.620
300	304		15.214

METRIC  
WELDED TUBE

COMING IN 2008

Grades: EN 1.4307 ( 304L ) & 1.4404 ( 316L )

## METRIC WELDED TUBE

DN	OD	Weight per metre (kg) for given Wall Thickness in mm			
		2.5mm	3.0mm	4.0mm	5.0mm
100	106		7.737		
100	108			10.417	
150	156		11.493		
150	158			15.425	
200	205	12.677			
200	206		15.249		
200	208			20.433	
250	255	15.807			
250	256		19.005		
300	305	18.937			
300	306		22.761		



**COMING IN 2008**

### Dimensional Tolerances to SS/EN/ISO 1127

Outside Diameter (Designation D3): + or - 0.75% / minimum + or - 0.3mm

Outside Diameter for tubes 203mm O/D & above

(Designation T2): + or - 1.0% / minimum + or - 0.5mm

Wall Thickness (Designation T3): + or - 10% / minimum + or - 0.15mm

### Lengths

6 meter random lengths with plain ends

### Finish

12mm to 18mm: Bright Annealed or Annealed & Pickled (Supplier Option)

20mm to 70mm: Annealed & Pickled

78mm and over: Not Heat Treated, Pickled

### Note

Tube above DN600 may be supplied with two or more longitudinal welds