



A DIVISION OF BARCLAY & MATHIESON  
JUNE 2023

# HANDRAILS & CLAMPS

PRODUCT GUIDE

[www.pulmans.co.uk](http://www.pulmans.co.uk)

## HANDRAIL TUBES

- Finish: Self-Colour, Galvanised, Prime-Painted or Varnished.
- Tube thickness: Light, Medium or Heavy
- Tube ends: Plain or Screwed
- Ex-Stock: Medium Plain End
- Manufactured to BS EN 10255:2004 Standard

Metric NB (mm)	Imperial NB (inch)	Metric OD x T MEDIUM	Metric OD x T HEAVY	Suitable Clamp Size
20NB	3/4" NB	27.2mm x 2.6mm	27.2mm x 3.2mm	A27
25NB	1" NB	34.2mm x 3.2mm	34.2mm x 4.0mm	B34
32NB	1 1/4" NB	42.9mm x 3.2mm	42.9mm x 4.0mm	C42
40NB	1 1/2" NB	48.8mm x 3.2mm	48.8mm x 4.0mm	D48
50NB	2" NB	60.8mm x 3.6mm	60.8mm x 4.5mm	E60
65NB	2 1/2" NB	76.6mm x 3.6mm	76.6mm x 4.5mm	-
80NB	3" NB	89.5mm x 4.0mm	89.5mm x 5.0mm	-
100NB	4" NB	114.9mm x 4.5mm	114.9mm x 5.4mm	-
125NB	5" NB	140.6mm x 5.0mm	140.6mm x 5.4mm	-
150NB	6" NB	166.1mm x 5.0mm	166.1mm x 5.4mm	-

## HANDRAIL BENDS

### FOR USE WITH EN10255 TUBING

- Finish: Self-Colour or Galvanised
- Tube OD: 33.7mm, 42.4mm or 48.3mm

Bend Type	25NB	32NB	40NB
Return	1111.SC	1121.SC	1131.SC
350mm Long x 550mm Centre	1111.GA	1121.GA	1131.GA
Stair Return Bend	1112.SC	1122.SC	1132.SC
350mm Long x 450mm Centre, 38° Standard	1112.GA	1122.GA	1132.GA
Ramp Bend	1113.SC	1123.SC	1133.SC
500mm x 500mm, 38° Standard	1113.GA	1123.GA	1133.GA
90° Bend	1114.SC	1124.SC	1134.SC
500mm x 500mm	1114.GA	1124.GA	1134.GA

### RETURN BEND



### STAIR RETURN BEND



### RAMP BEND



### 90° BEND



## WELDABLE HANDRAILS

### FOR USE WITH EN10255 TUBING

- Size: 76mm Ø x 4mm thick plate
- Upstand: 50mm from centre of backplate
- Countersunk holes to suit 6mm Ø screws

Diameter (mm)	Projection (mm)	Ref.
76	75	121.SC
76	100	122.SC



Cover for Weldable Handrail  
- Ref: 123.SC

## HANDRAIL BARS

### FOR USE WITH EN10255 TUBING

- Mild Steel (S275JR) - 6m lengths

Width (mm)	Diameter (mm)
38	10
50	13

## WELDABLE ELBOWS

### FOR USE WITH EN10255 TUBING

- Finish - Self-Colour

Metric NB (mm)	Metric OD (mm)	Radius (mm)	Ref:
25 NB	33.7	38	141.SC
32 NB	42.4	47.5	142.SC
40 NB	48.3	57	143.SC
50 NB	60.3	76	144.SC
65 NB	76.1	95	145.SC
80 NB	88.9	114	146.SC
100 NB	114.3	152	147.SC
125 NB	139.7	190	148.SC
150 NB	165.1	229	149.SC



## WELDABLE BALLS

### FOR USE WITH EN10255 TUBING

- Finish - Self-Colour

Metric NB (mm)	Metric OD (mm)	Radius (mm)
25 NB	63	151.SC
25 NB	75	152.SC
32 NB	75	153.SC
40 NB	75	154.SC
40 NB	90	155.SC



# HANDRAIL CLAMP RANGE

To differentiate the tube clamp range from other systems and methods of construction, various advanced features have been incorporated into the design, production and finish of the fittings, with the clear aim of optimising the high quality and long life of the product. You can therefore be confident in your choice of brand.

## TOP QUALITY GALVANISED FINISH

Eazyclamp components are hot dip galvanised to BS EN ISO 1461:2009. Each product goes through stringent quality control to ensure a consistent and reliable product.

## EASY RECOGNITION

Each fitting is clearly marked with the type and size for easy identification.

## DOUBLE COATED

Fittings feature a secondary coating over the hot dipped galvanising to enhance corrosion protection and to extend the life of the product.

## STAINLESS STEEL SCREWS

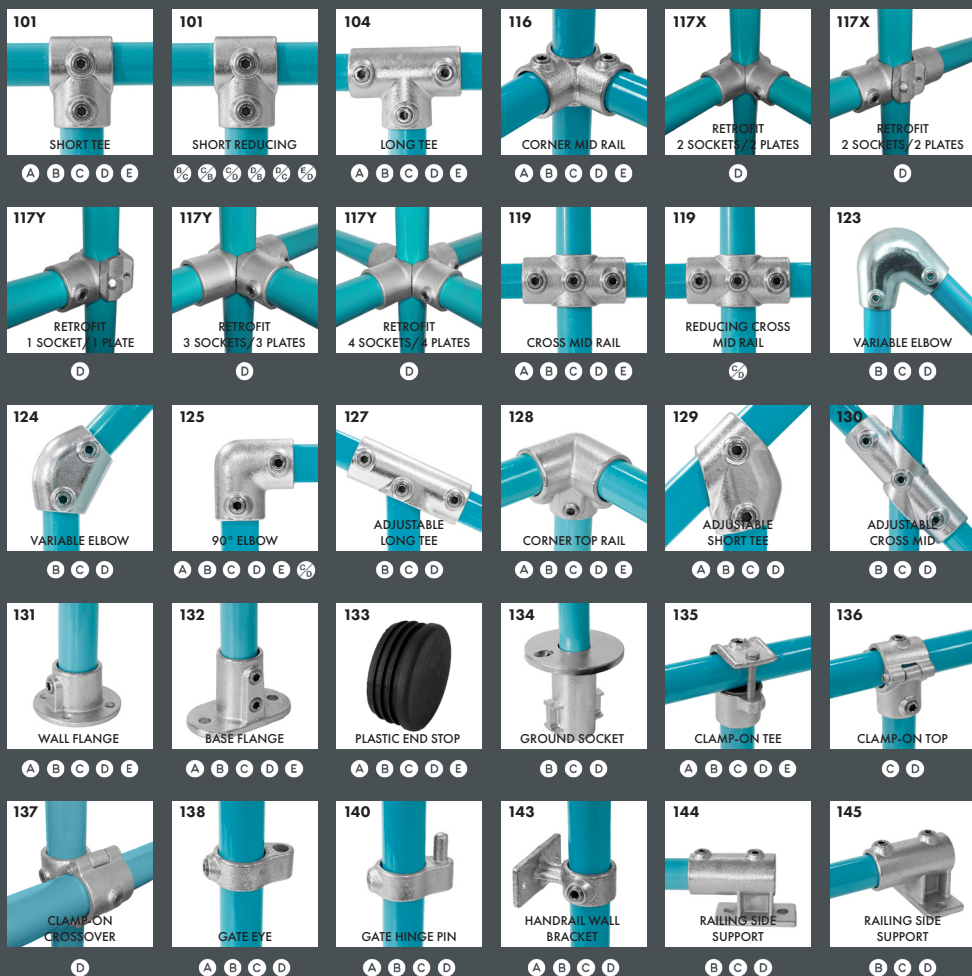
Fittings feature a secondary coating over the hot dipped galvanising to enhance corrosion protection and to extend the life of the product.



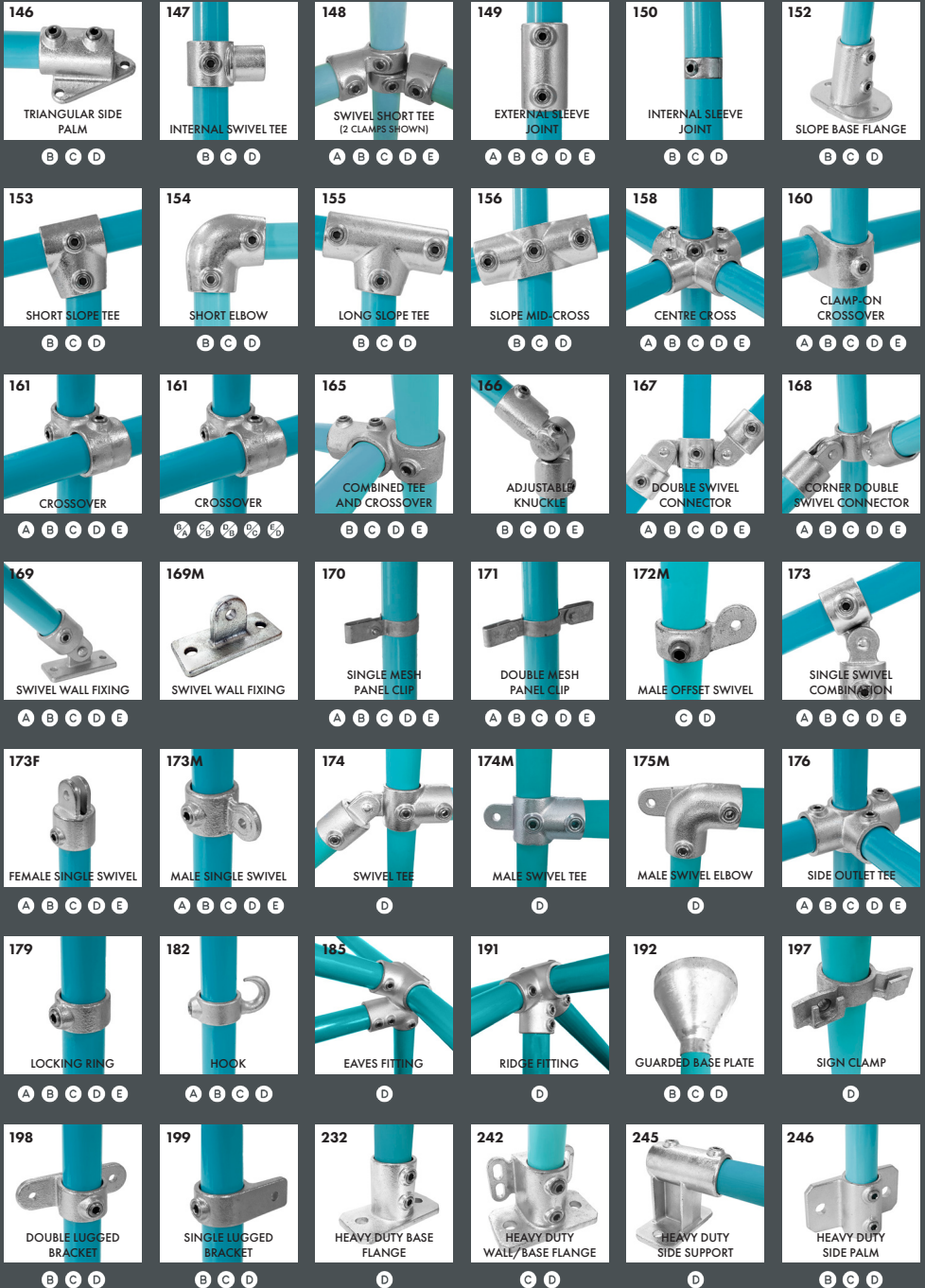
# STANDARD CLAMP RANGE

- Quick to assemble with a simple hexagon key
- For applications up to 1.5kN/m
- Consistent product casting quality
- Galvanised malleable iron pipe fittings
- Tested for vibration endurance
- Manufactured to BS EN 1562:1997
- Finish: Double-coated hot dipped galvanisation to BS EN ISO 1461:1999
- Grade 316 stainless steel set screws (option for security pins)
- TUV-Rheinland Safety Approved

	NOMINAL BORE	OUTSIDE DIA. (mm)
<b>A</b>	3/4"	26.9
<b>B</b>	1"	33.7
<b>C</b>	1 1/4"	42.4
<b>D</b>	1 1/2"	48.3
<b>E</b>	2"	60.3



# STANDARD CLAMP RANGE (cont.)





ANCILLARIES

## DDA ASSIST RANGE

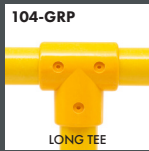
- Helps to meet compliance with UK-DDA & Building Regulations Part M
- Flush joints with C42 tube only
- Tubes and fittings may be costed to RAL colours to help avoid being 'cold to the touch' and for contrasting colour requirements
- Suitable for upgraded retrofit



If you have any questions or queries, you can contact our team on:  
**01422 833993**

# GRP HANDRAIL

- Quick to assemble with a simple hexagon key
- Smooth RAL 1003 yellow finish
- Immune to corrosion and electricity conduction
- Tested for vibration endurance
- Impact-resistant glass reinforced plastic
- Manufactured to BS EN 1562:1997
- ISO FR Polyester Resin Class 2
- Supplied with grade 316 stainless steel fasteners
- All clamps are to suit 50mm tube diameters





## Abram Pulman & Sons Ltd

Walton Street, Sowerby Bridge, West Yorkshire, HX6 1AN

Tel: 01422 833993

Email: [sales@pulmans.co.uk](mailto:sales@pulmans.co.uk)

Fax: 01422 834100

[www.pulmans.co.uk](http://www.pulmans.co.uk)



[/pulmansteel/](https://www.facebook.com/pulmansteel/)



[Abram Pulman & Sons Ltd](https://www.youtube.com/AbramPulmanSonsLtd)



[@pulmansteel](https://twitter.com/pulmansteel)



[pulmansteel](https://www.instagram.com/pulmansteel)



[Abram Pulman & Sons Ltd](https://www.linkedin.com/company/AbramPulmanSonsLtd)

Abram Pulman & Sons Ltd  
Handrail Clamps Booklet June 2023