

Handrail Clamps

Brooks handrail clamps are a range of malleable iron and steel fittings designed to make erecting handrail and building lightweight tubular structures fast and easy.


















<p>101 Short Tee</p>  <p>101G20 101G25 101G32 101G40 101G50</p>	<p>104 Long Tee</p>  <p>104G20 104G25 104G32 104G40 104G50</p>	<p>116 Corner C/W Through Tube</p>  <p>116G20 116G25 116G32 116G40 116G50</p>	<p>119 Two Socket Cross</p>  <p>119G20 119G25 119G32 119G40 119G50</p>	<p>123 40° to 70° Elbow</p>  <p>123G40</p>
<p>124 Variable Elbow</p>  <p>124G25 124G32 124G40</p>	<p>125 90° Elbow</p>  <p>125G20 125G25 125G32 125G40 125G50</p>	<p>128 3 Way 90° Elbow</p>  <p>128G20 128G25 128G32 128G40 128G50</p>	<p>129 Adjustable Short Tee</p>  <p>129G25 129G32 129G40</p>	<p>130 Adjustable Two Socket Cross 30° to 45°</p>  <p>130G25 130G32 130G40</p>
<p>131 Base Flange</p>  <p>131G20 131G25 131G32 131G40 131G50</p>	<p>132 Railing Base Flange</p>  <p>132G20 132G25 132G32 132G40 132G50</p>	<p>133 Plastic End Caps</p>  <p>133G20 133G25 133G32 133G40 133G50</p>	<p>134 Ground Socket</p>  <p>134G25 134G32 134G40</p>	<p>135 Clamp On Tee</p>  <p>135G20 135G25 135G32 135G40 135G50</p>
<p>138 Gate Eye</p>  <p>138G20 138G25 138G32 138G40</p>	<p>140 Gate Hinge</p>  <p>140G20 140G25 140G32 140G40</p>	<p>143 Handrail Bracket</p>  <p>143G20 143G25 143G32 143G40</p>	<p>144 Railing Vertical Side Support</p>  <p>144G25 144G32 144G40</p>	<p>145 Railing Horizontal Side Support</p>  <p>145G25 145G32 145G40</p>
<p>146 Side Palm Fixing</p>  <p>146G25 146G32 146G40</p>	<p>147 Internal T Joint</p>  <p>147G25 147G32 147G40</p>	<p>148 Short Tee Swivel</p>  <p>148G25 148G32 148G40</p>	<p>149 Sleeve Joint</p>  <p>149G20 149G25 149G32 149G40 149G50</p>	<p>150 Expanding Connector</p>  <p>150G25 150G32 150G40</p>
<p>152 Slope Base +11°</p>  <p>152G40</p>	<p>153 Slope Short tee +11°</p>  <p>153G40</p>	<p>154 Slope Elbow +11°</p>  <p>154G40</p>	<p>155 Slope Long Tee +11°</p>  <p>155G40</p>	<p>156 Slope Two Socket Cross +11°</p>  <p>156G40</p>
<p>158 4 Way Cross + Center Tube</p>  <p>158G20 158G25 158G32 158G40 158G50</p>	<p>160 Clamp On Crossover</p>  <p>160G20 160G25 160G32 160G40 160G50</p>	<p>161 90° Crossover</p>  <p>161G20 161G25 161G32 161G40 161G50</p>	<p>165 Combination Socket</p>  <p>165G20 165G25 165G32 165G40 165G50</p>	<p>167 Double Swivel Combination</p>  <p>167G20 167G25 167G32 167G40 167G50</p>

ADDITIONAL INFORMATION

Supplied galvanised, powder coating available on request

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167M Double Male Swivel  167MG20 167MG25 167MG32 167MG40 167MG50	168 90° Corner Swivel Combination  168G20 168G25 168G32 168G40	168M 90° Corner Male Swivel  168MG20 168MG25 168MG32 168MG40	169 Base Swivel Combination  169G20 169G25 169G32 169G40 169G50	169M Swivel Base  169MG
170 Single Mesh Clip  170G20 170G25 170G32 170G40 170G50	171 Double Mesh Clip  171G20 171G25 171G32 171G40 171G50	173 Single Swivel Combination  173G20 173G25 173G32 173G40 173G50	173F Female Swivel  173FG20 173FG25 173FG32 173FG40 173FG50	173M Male Swivel  173MG20 173MG25 173MG32 173MG40 173MG50
176 Side Outlet Tee  176G20 176G25 176G32 176G40	179 Collar  179G20 179G25 179G32 179G40	182 Hook  182G20 182G25 182G32 182G40	199 Fixing Pad  199G40	747 Top Rail Elbow c/w Expanding Connector  747G32

The Part Numbers Explained

The part numbers are based on a six digit code. The first three digits identify the product. For example, 179 would be the code for a 'Collar'. The fourth digit identifies the type of finish:
G = Galvanised S = Self Colour P = Plastic
 The last two digits of the code identify the tube size the part is compatible with.
 Example code: 179 G 20 would be a Collar, galvanised finish to suit tube size 20 nominal bore.

Galvanised Tube

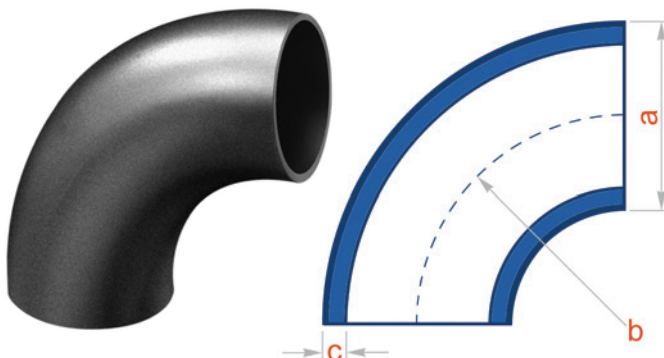
Galvanised tube available in lengths up to 6.5 meters.

Steel kick plates and brackets can be manufactured and galvanised to order.

Nominal Bore	Metric	Imperial	KG Per Meter
	Tube dia/mm OD	Tube dia/mm OD	
20	26.9mm	1.1/16"	1.87
25	33.7mm	1.1/32"	2.41
32	42.4mm	1.1/16"	3.09
40	48.3mm	1.29/32"	4.37
50	60.3mm	2.3/8"	5.55



Weldable Elbows



Weldable elbows are supplied in 90° bends with flush ends in self colour condition. Suitable for painting, galvanising or powder coating after fabrication.

Nominal Bore	A	B	C
	Tube OD	Radius	Thickness
25	33.7mm	38	2.6
32	42.4mm	48	2.6
40	48.3mm	57	2.6
50	60.3mm	76	2.9
80	88.9mm	114	3.2