



BARNVALE
DESIGN AND INNOVATION

We Support Our Clients & Their Pipework

Pipe Supports



Insulation Blocks

Roof Supports



Slide Guides & Skids

Expansion Products



Anti-Vibration Products

Hoses



Why Barnvale:

- * Conveniently situated a short distance from Central London with Distribution links to the rest of the UK.
- * We have various manufacturing departments, producing an extensive range of Pipe Supports. Minimizing production times and third party intervention. Giving continuity of products, with data sheets and tech subs relevant to the supplied goods.
- * We are a leading manufacturer of Hardwood Insulation Blocks, including FSC certified.
- * We are a main distributor of Phenolic Foam Insulation Blocks with common sizes and thicknesses in stock. Also offering Kingspan Kooltherm where required.
- * We have qualified Engineers to provide design and technical assistance to all our clients. Backed up with PI Insurance.
- * We are at the forefront of assisting Site Engineers and their Buying Teams with their problem solving and individual requirements, cost effectively and without delay.
- * We can undertake Bracketry Calculations and advise on marked up drawings.
- * We offer Pump Flexibles, Flexible Hoses and Expansion Compensators.
- * We supply Anti-Vibration equipment from Inertia Bases to Spring Hangers, sized to suit the client's specific requirements.
- * Full in-house design and fabrication capabilities for which includes Secondary Steelwork, Platforms, Chiller Bases and Walkways.

Our Accreditations:

Barnvale Engineering & Supply Co Ltd
14 Creekmouth Industrial Estate,
57 River Road,
Barking, Essex
IG11 0DA





Pipe Supports

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Supports To Suit Copper & Stainless Pipework Page 04



Lightweight Clips

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Munsen Rings & Back Plates

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Hardwood & Phenolic Insulation Blocks

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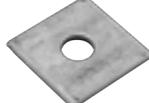


Stone Wool & Calcium Silicate Insulation Block Page 08



Threaded Support Products

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Fixings & Fasteners

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Roof Supports & Prefabricated Bracketry

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Slide Guides

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Expansion

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Anti-Vibration

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Hoses

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Design, Calculations & Fabrication

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Block Size i/d
(Inside Diameter)

= Pipe Size o/d
(Outside Diameter)



Block i/d Pipe o/d	Mild Steel	Copper	Mapress	TruBore Stainless		
Order Size	NB	Cu	Carbon	Stainless	ISO	Metric
015mm o/d		15mm cu		12mm		
018mm o/d				15mm		15mm
020mm o/d			15mm			
022mm o/d	15mm nb	22mm cu		20mm	15mm	
024mm o/d			20mm			20mm
028mm o/d	20mm nb	28mm cu		25mm	20mm	
030mm o/d			25mm			
035mm o/d	25mm nb	35mm cu		32mm	25mm	32mm
037mm o/d			32mm			
042mm o/d	32mm nb	42mm cu		40mm	32mm	
044mm o/d			40mm			40mm
048mm o/d	40mm nb				40mm	
054mm o/d		54mm cu		50mm		50mm
056mm o/d			50mm			
060mm o/d	50mm nb				50mm	
063mm o/d						
067mm o/d		67mm cu				
069mm o/d					65mm	
076mm o/d	65mm nb	76mm cu		65mm	65mm	
084mm o/d						80mm
089mm o/d	80mm nb			80mm	80mm	
104mm o/d						100mm
108mm o/d		108mm cu		100mm		
114mm o/d	100mm nb				100mm	
129mm o/d						125mm
133mm o/d		133mm cu				
140mm o/d	125mm nb				125mm	
154mm o/d						150mm
159mm o/d		159mm cu				
165mm o/d	150mm nb (Med)					
168mm o/d	150mm nb				150mm	
204mm o/d						200mm
220mm o/d	200mm nb				200mm	
254mm o/d						250mm
273mm o/d	250mm nb				250mm	
304mm o/d						300mm
324mm o/d	300mm nb				300mm	
356mm o/d	350mm nb				350mm	350mm
406mm o/d	400mm nb				400mm	400mm
457mm o/d	450mm nb				450mm	450mm
508mm o/d	500mm nb				500mm	500mm
559mm o/d	550mm nb					
610mm o/d	600mm nb				600mm	600mm

Split Band Clips



Size NB

15mm
20mm
25mm
32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
175mm
200mm
225mm
250mm
300mm
350mm
400mm
450mm
500mm
550mm
600mm

Anchors & Guides



Size NB

15mm
20mm
25mm
32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
175mm
200mm
225mm
250mm
300mm
350mm
400mm
450mm
500mm
550mm
600mm

Standard & Extended U Bolts



Size NB

15mm
20mm
25mm
32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
175mm
200mm
225mm
250mm
300mm
350mm
400mm
450mm
500mm
550mm
600mm

Bossed Split Band Clips



Size NB

15mm
20mm
25mm
32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
175mm
200mm
225mm
250mm
300mm

Holderbats	Size NB
	15mm
	20mm
	25mm
	32mm
	40mm
	50mm
	65mm
	80mm
	100mm
	125mm
	150mm

Roller Chair & Guides	Size NB
	15mm
	20mm
	25mm
	32mm
	40mm
	50mm
	65mm
	80mm
	100mm
	125mm
	150mm
	175mm
	200mm

Filbows FM & UL Approved	Size NB
	15mm
	20mm
	25mm
	32mm
	40mm
	50mm
	65mm
	80mm
	100mm
	125mm
	150mm
	200mm

Single Roller Brackets	Size NB
	15mm
	20mm
	25mm
	32mm
	40mm
	50mm
	65mm
	80mm
	100mm
	125mm
	150mm
	175mm
	200mm
	225mm
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm

Roller & Chairs	Size NB
	15mm
	20mm
	25mm
	32mm
	40mm
	50mm
	65mm
	80mm
	100mm
	125mm
	150mm
	175mm
	200mm
	225mm
	250mm
	300mm
	350mm
	400mm
	450mm
	500mm
	550mm
	600mm

Various Supports To Suit Insulation

To Suit Block O/D

54mm

60mm

65mm

70mm

76mm

83mm

89mm

95mm

102mm

108mm

114mm

121mm

127mm

133mm

139mm

146mm

152mm

159mm

168mm

173mm

178mm

186mm

193mm

199mm

208mm

219mm

225mm

232mm

244mm

252mm

259mm

264mm

273mm

283mm

290mm

299mm

308mm

316mm

323mm

332mm

344mm

356mm

363mm

373mm

384mm

394mm

406mm

416mm

423mm

435mm

444mm

456mm

Split Band Clips



Saddles



Standard U Bolts



Extended U Bolts



Bossed Split Band Clips

Various Supports To Suit Insulation

To Suit Block O/D

54mm

60mm

65mm

70mm

76mm

83mm

89mm

95mm

102mm

108mm

114mm

121mm

127mm

133mm

139mm

146mm

152mm

159mm

168mm

173mm

178mm

186mm

193mm

199mm

208mm

219mm

225mm

232mm

244mm

252mm

259mm

264mm

273mm

283mm

290mm

299mm

308mm

316mm

323mm

332mm

344mm

356mm

363mm

373mm

384mm

394mm

406mm

416mm

423mm

435mm

444mm

456mm



Roller Chair & Guides



Single Roller Brackets



Roller & Chairs



Slide Guides



Skids

Split Band Clips



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

Anchors & Guides



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

U Bolts Standard & Extended



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

Poly Prop Dels To Suit



Size To Suit

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

Bossed Split Bands



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

Roller Chair & Guides



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

Single Roller Brackets



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

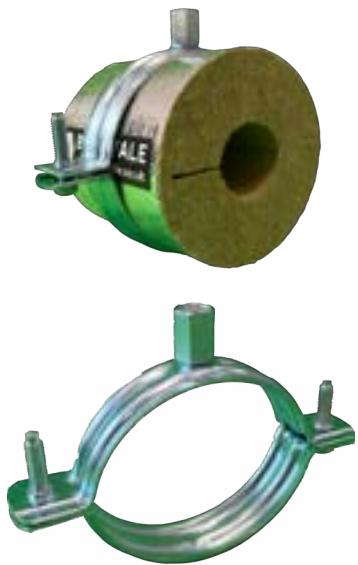
Roller & Chairs



Size Cu

15mm
22mm
28mm
35mm
42mm
54mm
67mm
76mm
108mm
133mm
159mm

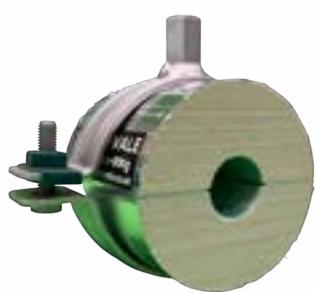
Lightweight Unlined Clips



Size

15 - 20mm
19 - 23mm
23 - 28mm
26 - 30mm
32 - 35mm
39 - 43mm
45 - 51mm
53 - 61mm
62 - 67mm
68 - 74mm
75 - 81mm
83 - 93mm
93 - 103mm
103 - 113mm
113 - 123mm
123 - 133mm
133 - 143mm
143 - 153mm
154 - 162mm
163 - 172mm
173 - 183mm
184 - 194mm
195 - 205mm
206 - 216mm
217 - 225mm
220 - 230mm

Unlined Heavy Duty Clips



Size

19 - 23mm
25 - 30mm
31 - 36mm
37 - 42mm
40 - 45mm
47 - 52mm
53 - 58mm
59 - 65mm
66 - 71mm
72 - 78mm
79 - 85mm
86 - 92mm
98 - 106mm
118 - 116mm
116 - 123mm
125 - 133mm
132 - 140mm
148 - 154mm
159 - 169mm
173 - 183mm
192 - 202mm
206 - 219mm
217 - 227mm
229 - 241mm
244 - 254mm
254 - 264mm

Lightweight Lined Clips



Size

12 - 20mm
21 - 26mm
26 - 30mm
33 - 37mm
40 - 46mm
48 - 53mm
53 - 59mm
60 - 66mm
67 - 77mm
75 - 84mm
83 - 93mm
94 - 104mm
102 - 111mm
109 - 119mm
128 - 139mm
135 - 148mm
151 - 164mm
158 - 170mm
215 - 225mm

Lightweight Lined Clips



Size

15 - 19mm
19 - 23mm
25 - 29mm
30 - 35mm
40 - 45mm
46 - 51mm
53 - 59mm
59 - 64mm
65 - 71mm
72 - 78mm
79 - 85mm
86 - 92mm
101 - 109mm
108 - 116mm
125 - 133mm
132 - 140mm
159 - 169mm
194 - 204mm
217 - 227mm

Lightweight S/Steel Clips



Size

- 15 - 19mm
- 20 - 25mm
- 26 - 30mm
- 32 - 36mm
- 38 - 43mm
- 47 - 51mm
- 53 - 58mm
- 60 - 64mm
- 68 - 72mm
- 75 - 80mm
- 81 - 86mm
- 87 - 92mm
- 99 - 105mm
- 107 - 112mm
- 113 - 118mm
- 125 - 130mm
- 138 - 142mm
- 159 - 166mm



Munsen Rings Self Colour & Galv



Size NB

- 15mm
- 20mm
- 25mm
- 32mm
- 40mm
- 50mm
- 65mm
- 80mm
- 100mm

Screw To Wall Self Colour & Galv



Size NB

- 15mm
- 20mm
- 25mm
- 32mm
- 40mm
- 50mm

Lightweight Lined Non Grip Clips



Size

- 16mm
- 20mm
- 25mm
- 32mm
- 40mm
- 50mm
- 56mm

Munsen Rings Brass



Size Cu

- 15mm
- 22mm
- 28mm
- 35mm
- 42mm
- 54mm

Mild Steel Backing Plate



Size

m8 / m10

Screw To Wall Brass



Size Cu

- 15mm
- 22mm
- 28mm
- 35mm
- 42mm
- 54mm

Back Plates Self Colour & Galv



Size

- m10
- m12

Back Plates Brass



Size

m10

Hardwood Load Bearing Block (FSC® Certifield)

Temperature Limits: -15 to +120 °C.

Suitable For CHW Pipework

Density: 380 - 450 kg/m²

Pipe o/d Range: 15mm - 1112mm

Thickness: 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 60mm, 65mm, 70mm & 80mm

Standard Lengths: 80mm & 100mm

Separate literature available on request.

ITTO Hardwood Load Bearing Blocks also available.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Phenolic Load Bearing Block

Temperature Limits: -180 to +120 °C.

Suitable For LTHW Pipework. Non-reactive bore coated for use on all pipes including copper.

Density: 80 - 120 kg/m²

Pipe o/d Range: 15mm - 456mm

Thickness: 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 63mm, 75mm & 100mm

Separate literature available on request.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Kingspan Phenolic Load Bearing Block

Temperature Limits: -180 to +120 °C.

Suitable For LTHW Pipework. Non-reactive bore coated for use on all pipes including copper.

Density: 60 - 120 kg/m²

Pipe o/d Range: 15mm - 456mm

Thickness: 15mm, 20mm, 25mm, 30mm, 35mm, 40mm, 45mm, 50mm, 63mm, 75mm & 100mm

Separate literature available on request.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Sheet Metal Sleeves

Length: 100mm, 125mm, 150mm, 200mm, 250mm & 300mm Long.

Thickness: 20-24 swg

Used to effectively spread the supported load and enhances lagging facilities and vapour seal.

BPS-200 Stonewool Load Bearing Blocks

Temperature Limit: Max. 600 °C.

Suitable For Various Pipework Systems

Pipe o/d Range: 15mm - 159mm Recommended. Thereafter please call to discuss.

Thickness Range: 20mm - 100mm

Standard Lengths: 80mm & 100mm

Separate literature available on request.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Calcium Silicate Lined Load Bearing Blocks

Temperature Limit: Max. 600 °C.

Suitable For Various Pipework Systems

Pipe o/d Range: 15mm - 610mm

Thickness Range: 20mm - 150mm

Standard Length: 100mm

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Calcium Silicate Load Bearing Blocks

Temperature Limit: Max. 600 °C.

Suitable For Various Pipework Systems

Pipe o/d Range: 15mm - 610mm

Thickness Range: 20mm - 150mm

Standard Length: 50mm & 100mm

Separate literature available on request.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Rocklap Load Bearing Blocks

Temperature Limit: Max. 250 °C.

Suitable For Various Pipework Systems

Pipe o/d Range: 15mm - 406mm

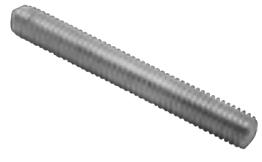
Thickness Range: 20mm - 100mm

Standard Lengths: 80mm & 100mm

Separate literature available on request.

This load bearing block can be supplied with a wide range of supports. See page 3 for details.

Eye Bolts	Size
	m10 x 80mm
	m10 x 150mm
	m12 x 80mm
	m12 x 150mm
	m16 x 150mm
	m20 x 150mm

Threaded Studding	Size
	m8 x 1m
	m10 x 1m
	m12 x 1m
	m16 x 1m
	m20 x 1m
	m24 x 1m

Reducers	Size
	m8F / m10M
	m10F / m12M
	m12F / m10M

Stud Caps	Size To Suit
	m10
	m12
	m16
	m20
	m24

Link Eyes	Size To Suit
	m8 / m6
	m8 / m8
	m10 / m10
	m10 / m12
	m12 / m10
	m12 / m12
	m12 / m16
	m16 / m16

Studding Connectors	Size
	m8
	m10
	m12
	m16
	m20
	m24

Threaded Link Eyes	Size
	m8 / m8
	m10 / m10
	m12 / m12

Flange Clamps	Size
	m8
	m10
	m12

Ball Swivels / Hangers	Size
	m8
	m10
	m12

Hemispherical Cups & Washers	Size
	m10
	m12
	m16
	m20
	m24

Bow Nuts	Size
	m10
	m12
	m16
	m20
	m24

Purlin Clips	Size
	m10
	m12

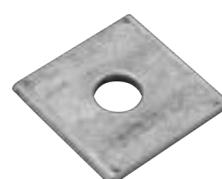
Full Nuts	Size
	m6
	m8
	m10
	m12
	m16
	m20
	m24

Washers	Size
	m6
	m8
	m10
	m12
	m16
	m20
	m24

Half Nuts	Size
	m6
	m8
	m10
	m12
	m16
	m20
	m24

Penny Washers	Size
	m6 x 25mm
	m6 x 30mm
	m8 x 25mm
	m8 x 30mm
	m10 x 25mm
	m10 x 30mm
	m12 x 30mm
	m12 x 40mm

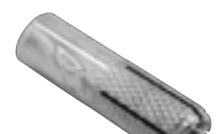
Lock Nuts	Size
	m6
	m8
	m10
	m12
	m16
	m20
	m24

Square Plate Washers	Size
	m6
	m8
	m10
	m12
	m16
	m20
	m24

Channel Nuts	Size
	m6
	m8
	m10
	m12
	m16

Wedge Nuts	Size
	m6
	m8
	m10
	m12

HT Sets & Bolts	Size
	m6 x 30
	m10 x 30
	m10 x 40
	m12 x 40
	m12 x 50
	m16 x 50
	m16 x 60
	m20 x 70
	m24 x 90

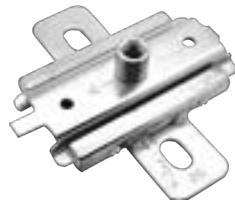
Drop In Anchors	Size
	m8 x 30mm
	m10 x 30mm
	m10 x 40mm
	m12 x 50mm
	m16 x 65mm
	m20 x 80mm
	m20 x 80mm

Prefabricated Bracketry**H Frame Support Set****Pyramid H Frame Base****Pyramid Adjustable Support Base****Pyramid Adjustable Roller Support Base****Pyramid Bridge Support Base****Pyramid Fixed Support Base**

Module Slide Guide (Single m10 Thread)



Slide Guide 150mm Long (Single m10 / m12 Boss)



Slide Guide 165mm Long (Double m10 / m12 Boss)



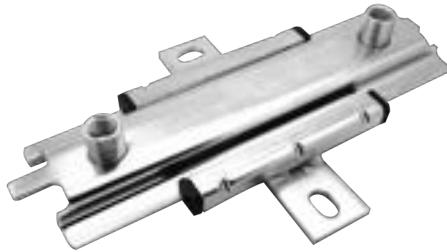
Slide Guide 165mm Long (Double m10 / m12 Boss)



Slide Guide 150mm Long (Single m12 / m16 Boss)



Slide Guide 275mm Long (Double m12 / m16 Boss)



Slide Guides & Skids (15mm nb - 150mm nb Pipework)



Slide Guides & Skids (150mm nb - 600mm nb Pipework)



Untied Pump Flexible Unit



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Tied Pump Flexible Unit



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Rubber Union



Size NB

20mm
25mm
32mm
40mm
50mm

Single Axial Compensator



Size NB

15mm
20mm
25mm
32mm
40mm
50mm

Stainless Steel Pump Flexible Unit



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Single Axial Compensator



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Angular Expansion Joint



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Fully Articulated Expansion Joint



Size NB

32mm
40mm
50mm
65mm
80mm
100mm
125mm
150mm
200mm
250mm
300mm

Spring Hangers 15mm Deflection	Design Load
	15 Kg
	30 Kg
	45 Kg
	80 Kg
	100 Kg

Restricted Spring Mounts	Design Load
	100 Kg
	200 Kg
	300 Kg
	400 Kg
	500 Kg
	600 Kg
	800 Kg
	1000 Kg
	1200 Kg
	1600 Kg
	1750 Kg
	1950 Kg
	2350 Kg
	2550 Kg
	2750 Kg

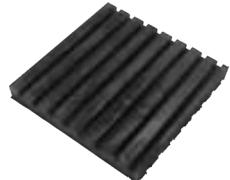
Spring Hangers 50mm Deflection	50 Kg
	150 Kg
	200 Kg
	250 Kg
	300 Kg
	350 Kg
	400 Kg

Inertia Bases Manufactured To Pump Requirements



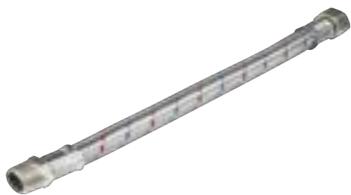
Captive Spring Mounts	Loading
	23 Kg
	37 Kg
	60 Kg
	91 Kg
	137 Kg
	228 Kg
	286 Kg
	341 Kg
	363 Kg
	445 Kg
	546 Kg
	637 Kg
	772 Kg
	864 Kg

Hanger Boxes c/w Neoprene Mounts	Loading
	2.5 - 5 Kg
	4 - 8 Kg
	7 - 14 Kg
	9 - 18 Kg
	14 - 28 Kg
	18 - 60 Kg
	20 - 40 Kg
	27 - 54 Kg
	36 - 72 Kg
	54 - 108 Kg
	90 - 180 Kg
	135 - 270 Kg
	180 - 360 Kg

Anti-Vibration Neoprene Pads	Thickness
	12mm
	24mm

Anti-Vibration Cork Pads	Thickness
	10mm
	20mm

BSP Taper Male x Straight Female



Compression x BSP Taper Male



Elbow Female x Straight Female



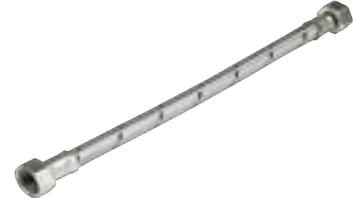
Compression c/w Iso Valve x Straight Female



Compression x Straight Female



Straight Female x Straight Female



Compression Ends



Pushfit Ends



BSP Taper Male Ends



Standpipe Ends

**Design, Calculations & Fabrication Capabilities**

Our expertise in providing support solutions means that we are able to offer a variety of specialist services.

Design, Detailing, Drafting And Fabricating, which can be tailored to suit your particular needs.



Contact our team directly on: design@barnvale.co.uk



BARNVALE Engineering & Supply Co

Account Application Is Easy:

Fill out the details below and email to (accounts@barnvale.co.uk)

Alternatively you can fill out the form on line at <http://www.barnvale.co.uk/accounts>

Account Application Form:

Name:

Company:

Address:

Email Address:

Telephone:

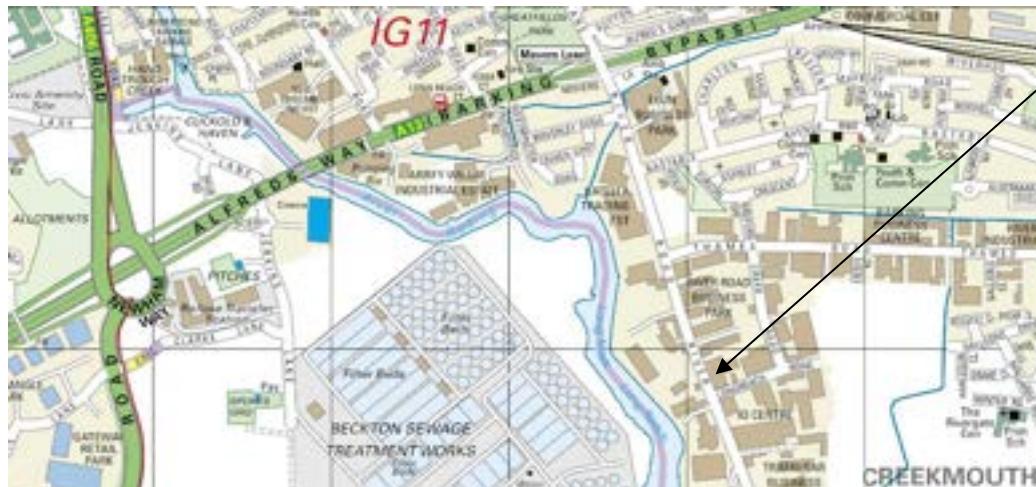
Company Registration No.

VAT No.

Type Of Work Undertaken:

Credit Limit Required:

How To Find Us



Barnvale Eng & Supply Co
14 Creekmouth Ind Est
57 River Road
Barking
Essex
IG11 0DA

Office Hours:
7.00am to 4.30pm

Collection Times:
6.30am to 4.00pm