

Versatile

EasiRange

EasiClamp, EasiTap, EasiTee & EasiCollar
A Rapid Solution for Pipe Repair & Tapping



PIPE CONNECTIONS, REPAIR & FLOW CONTROL PRODUCTS FOR THE UTILITIES INDUSTRY

CRANE

BUILDING SERVICES & UTILITIES



Overview

A Safe & Quick Remote Solution to Pipe Repair & Tapping

The Remote EasiClamp and EasiTap products are an exciting enhancement of the proven EasiRange system. They can be remotely installed from outside the trench by a single operator in just a few minutes, delivering a quick, safe and permanent repair solution for damaged pipes at full operational pressure.

Improved Health & Safety

The major benefits of this innovative and patented repair solution include the ability to maintain continual water supply to customers, the minimising of health and safety risks to operatives and a significant reduction in installation costs, traffic disruption and spoil.

Award Winning

In the development of this revolutionary fitting, Viking Johnson worked closely with Balfour Beatty Utility Solutions to ensure the new clamp exceeded the requirements of both operators and water companies, winning the SBWWI innovation award in 2010. The clamp consists of two halves that are hinged, fully opening to permit quick and easy fitting on the pipe.

Two patented self-retaining bolts are used to tighten up the clamp which speeds up the repair process and minimises disruption to water supply.

The newly designed Remote EasiRange offers advantages not only to customers in the water industry but also to the general public and environment.

Permanent & Reliable Repair Solution

Designed in three popular sizes, the EasiClamp is available in DN80, DN100 and DN150. EasiTap is also available in these sizes and offers either a drilled and tapped BSP boss or 2" BSP threaded outlet. The "waffle" design gasket is constructed in EPDM which is WRAS approved for use with potable water ensuring a reliable and permanent leak tight seal with a working pressure of 16bar and test pressure of 24bar.

The range has been manufactured using the latest technology minimising raw material usage and is supplied in biodegradable packaging that ensures the fitting arrives on site free from any contamination.



EasiClamp

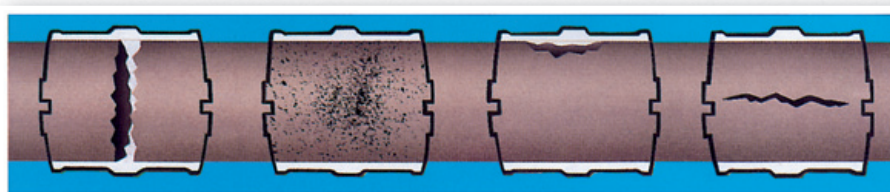


EasiTap: BSP Outlet



EasiTap: Drilled & Tapped BSP Boss

Types of damage that EasiClamp/EasiTap products will seal and support



Circumferential breaks

Corrosion holes

Impact damage

Longitudinal cracks

Pipe Materials



Remote EasiClamp & EasiTap

Product Design Benefits

Corrosion Protection

All cast components are fully coated in Black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals as well as good thermal stability and flexibility to accommodate for rough site handling.

Exceptional Grip

The two halves are hinged, fully opening to permit quick and easy fitting on the pipe. There are no pins which removes any risk from bimetallic corrosion.



High Strength

The strength of the ductile iron housings will provide permanent support and seal around the pipe.

Permanent Seal

The 100% 'Waffle' gasket provides a reliable and permanent leak tight seal even on circumferential or longitudinal cracks.



Self Locating Bolts

Patented self retaining bolts not only prevent the loss of components in the trench but also self locate allowing blind assembly. The double locking mechanism automatically locks into position once the product is fully wrapped around the pipe allowing the operator to use both hands to position over the leak.



Unique Locking System

During remote installation, the unique locking system on the tool gives operators full control. Remote installation eliminates large excavations and removes operators from potential health and safety risks.



Repair & Branch Solutions



Remote EasiClamp and EasiTap can be installed from above ground on a pressurised pipe from the surface in a small excavation footprint, thereby:

- ▶ Reducing the working space, excavation and reinstatement costs for the work.
- ▶ Reducing traffic and pedestrian disruptions.
- ▶ The operator can work at a safe distance from the potential hazards of damaged pressurised pipes.
- ▶ Reducing energy usage - smaller equipment and reduces vehicle movements.
- ▶ Reducing excavation, reinstatement & lane rental costs.
- ▶ Reducing total time to undertake repair.

Remote EasiClamp & EasiTap

Quickly Installed in 4 Easy Steps

Step 1

Place the clamp on pipe with the hinge resting on the top of the pipe, facing upwards.

Step 2

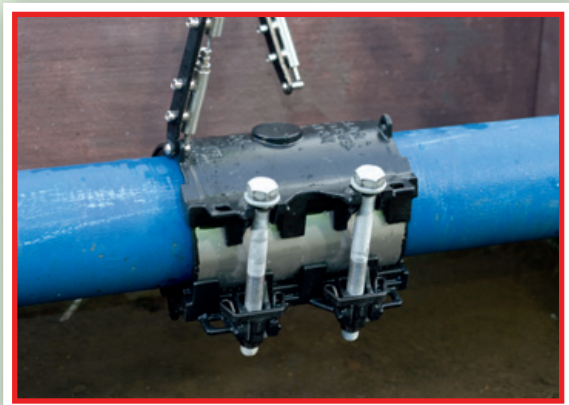
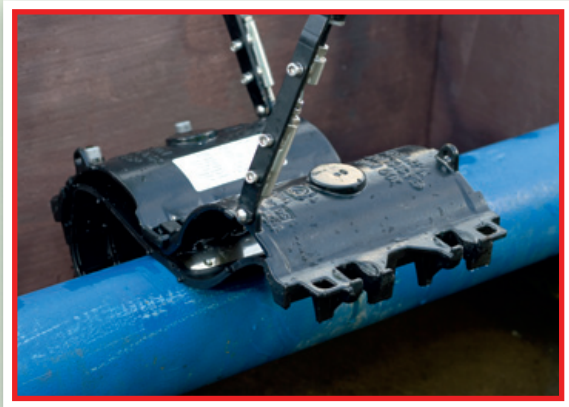
Let the two hinged halves drop round the pipe until the self locating bolt mechanism clicks into place over the lugs.

Step 3

Rotate the clamp in the direction that brings the bolt heads facing upwards, or in a convenient position to be tightened.

Step 4

Tighten bolts using extended socket until recommended bolt torque (95 – 120 Nm) is achieved.





Overview

Permanent Under Pressure Repair & Tapping Solutions

The EasiTee and EasiCollar ranges have been developed to provide a comprehensive range of pipe repair and tapping products to serve the needs of today's water industry.

Reliable & Permanent Seal

Universal and Matt Seal EasiTee guarantee a reliable, permanent seal, even on badly corroded pipes. Incorporated into these products is Viking Johnson's unique 100% circumferential "waffle" gasket, which provides a leak tight seal and also caters for circumferential or longitudinal cracks. RingSeal EasiTee uses a twin seal gasket to provide a permanent seal at the point of tapping whilst EasiCollar enables repairs to be made to spigot and socket joints.

No Specialist Equipment Needed

All products can be installed under pressure so there is no need for costly mains shutdown or disruption to customers. No specialist installation equipment is required, simply a torque wrench to confirm correct bolt torque.

The complete EasiRange is suitable for water applications with a 16bar working pressure and a test pressure of 24bar.



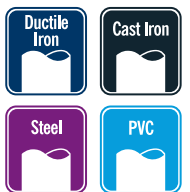
RingSeal EasiTee

Universal EasiTee

EasiCollar Pipe Materials



EasiTee Pipe Materials



Universal EasiTee

Product Design Benefits

Simple Installation

Universal EasiTee products feature a unique “swing over” bolt to aid installation.



Excellent Corrosion Protection

The sleeve or body are fully coated in Black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals as well as good thermal stability and flexibility to accommodate for rough site handling. It is also WRAS listed.



Greater Pressure

Fluerene coated bolts offer higher load to torque capabilities achieving a greater gasket pressure.

Reliable Sealing

Deflecting bridging plate ensures a positive seal every time.



Repair & Branch Solutions

Customer Benefits

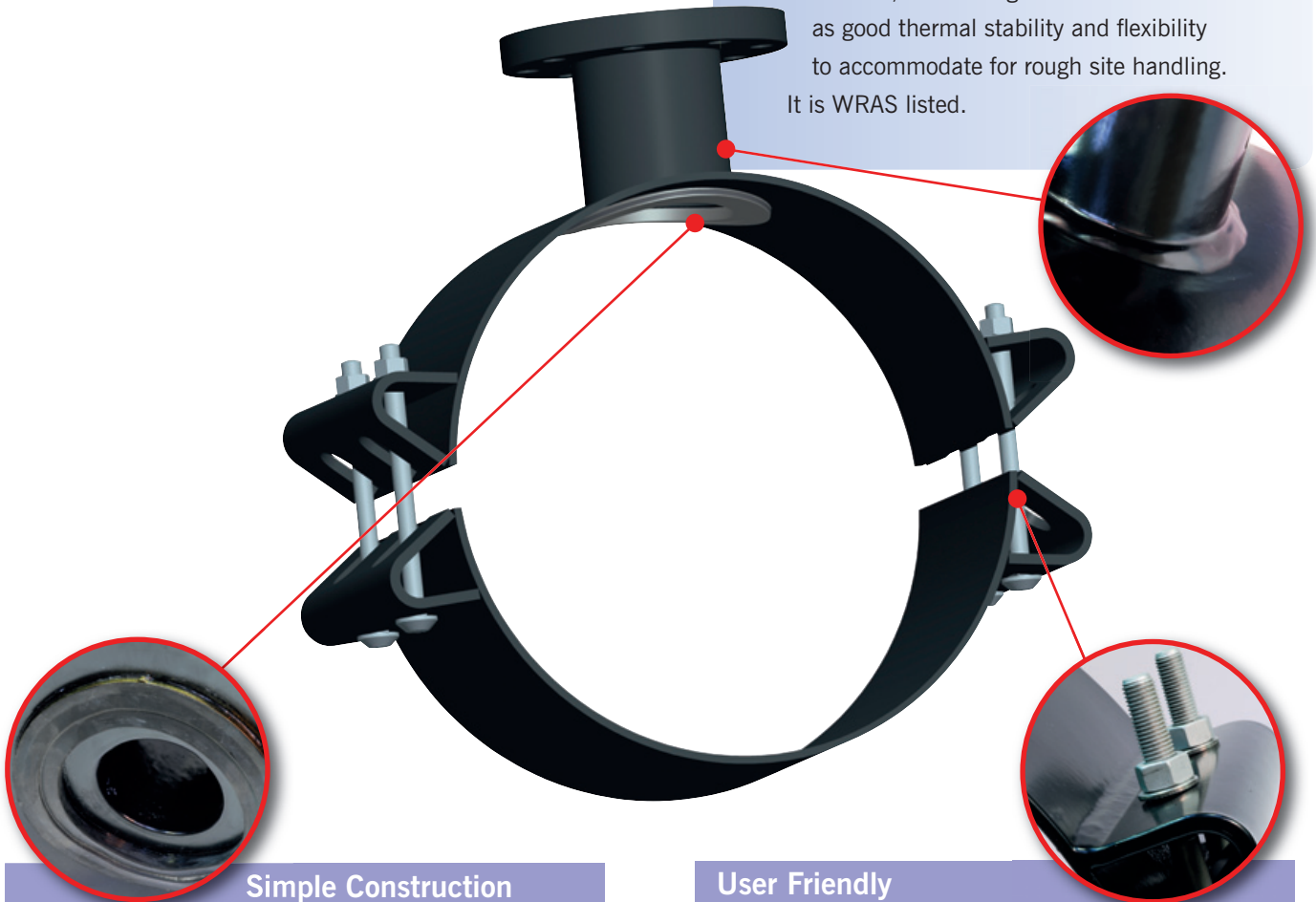
- Branch outlets available up to the same size as main.
- Can be installed under pressure:
 - No costly mains shutdown.
 - No disruption to customers.
 - No dirty water complaints.
- Up to 24mm pipe size tolerance to suit a number of popular pipe materials of the same nominal bore and reduce stock holding.
- Constructed from ductile iron, the Universal EasiTee will support and seal around the pipe for the full length of the body, ensuring that sealing effectiveness is maintained in all circumstances.
- Available from DN80 to DN300.
- Available with various flange connections.

RingSeal EasiTee

Product Design Benefits

Excellent Corrosion Protection

The sleeve or body are fully coated in Black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals as well as good thermal stability and flexibility to accommodate for rough site handling. It is WRAS listed.



Simple Construction

Fabricated from carbon steel, with a circular gasket positioned at the base of the branch connection, makes the RingSeal EasiTee both a lighter and cost-effective alternative to the MattSeal EasiTee.

User Friendly

Sheraplex coated bolts offers a consistent torque/load ratio improving the factor of safety and sensitivity to installer error and eliminates galling of the coating in the threads.

Customer Benefits

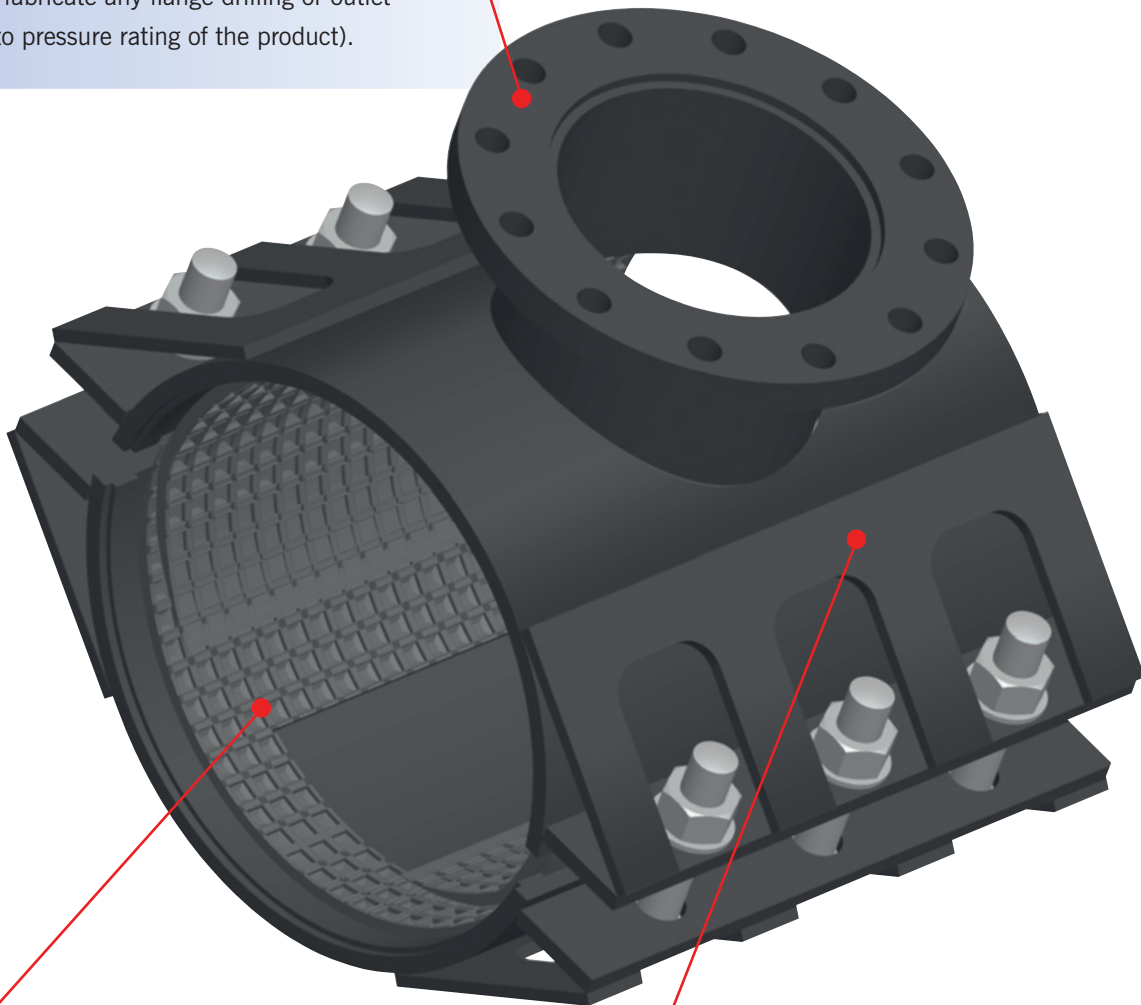
- Lightweight and quick to install.
- Available from DN350 to DN1200.
- Up to DN600 branch (however, if the pipe is grey cast iron the branch must be limited to 70% of the main line size).
- Ability to fabricate any flange drilling or outlet (subject to pressure rating of the product).
- Can be installed under pressure:
 - No costly mains shutdown.
 - No disruption to customers.
 - No dirty water complaints.

MattSeal EasiTee

Product Design Benefits

Flexible

Ability to fabricate any flange drilling or outlet (subject to pressure rating of the product).



Reliable Sealing

The waffle gasket is designed to fully surround the pipe within the housing offering optimal sealing.

Excellent Corrosion Protection

The sleeve or body are fully coated in Black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals as well as good thermal stability and flexibility to accommodate for rough site handling and is WRAS listed.

Customer Benefits

- Branch outlets from DN80 up to the same size as main, even on old grey cast iron pipe.
- Can be installed under pressure:
 - No costly mains shutdown.
 - No disruption to customers.
 - No dirty water complaints.
- Up to 12mm pipe size tolerance to suit a number of popular pipe materials of the same nominal bore. Reducing stock holding.
- Available from DN350 to DN600.

EasiCollar

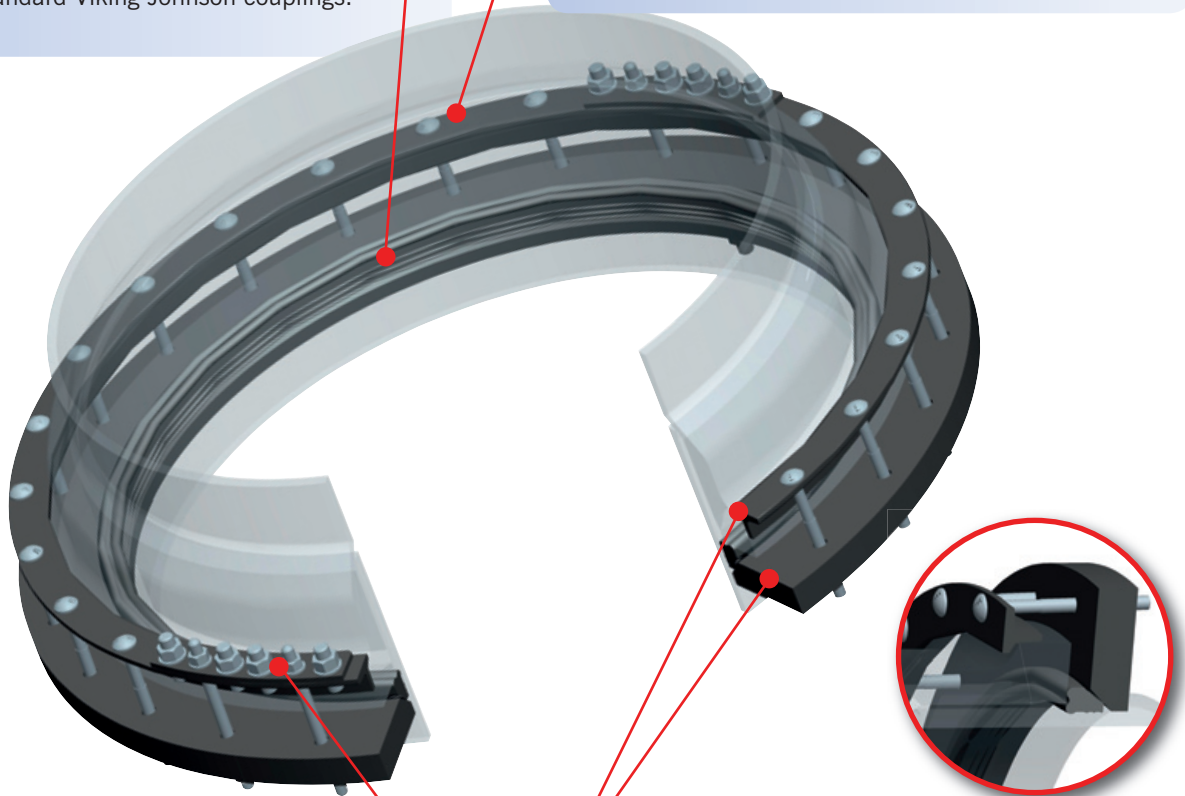
Product Design Benefits

Proven Sealing Capability

EasiCollar has a gasket that presses against the old caulking and provides a new seal on the face of the socket and pipe surface. It creates a flexible joint that uses the same basic sealing method as standard Viking Johnson couplings.

Excellent Corrosion Protection

The sleeve or body are fully coated in Black Rilsan Nylon 11 which has excellent resistance to impact, abrasion, weathering and chemicals as well as good thermal stability and flexibility to accommodate for rough site handling. It is also WRAS listed.



User Friendly

Sheraplex coated bolts offer an improved torque/load ratio and eliminates galling of coating in threads.

Simple Solution to Renew Old Joints

Two rings are assembled in segments around the pipe, one in front of the socket and around the gasket, the other as an anchorage behind the socket. When the connecting bolts are tightened, pressure is created in the gasket to seal the leaking joint.

Customer Benefits

- ▶ Repair collar for spigot and sock joints suitable for:
 - Old spigot and socket iron pipes.
 - Cast iron double collars.
 - Asbestos cement collars.
 - Concrete.
- ▶ Can be installed under pressure:
 - No costly mains shutdown.
 - No disruption to customers.
- ▶ Available from DN300 to DN1800.
- ▶ No additional lead caulking.
- ▶ EasiCollar is generally made to order, taking into account the particular dimensions of the pipe and socket.

United Kingdom - Preston

Routine Repair

EasiCollar 15"

Repair & Branch Solutions

Project

EasiCollar used to repair a 15 inch cast iron pipe with a leaking run lead joint.

Client

United Utilities

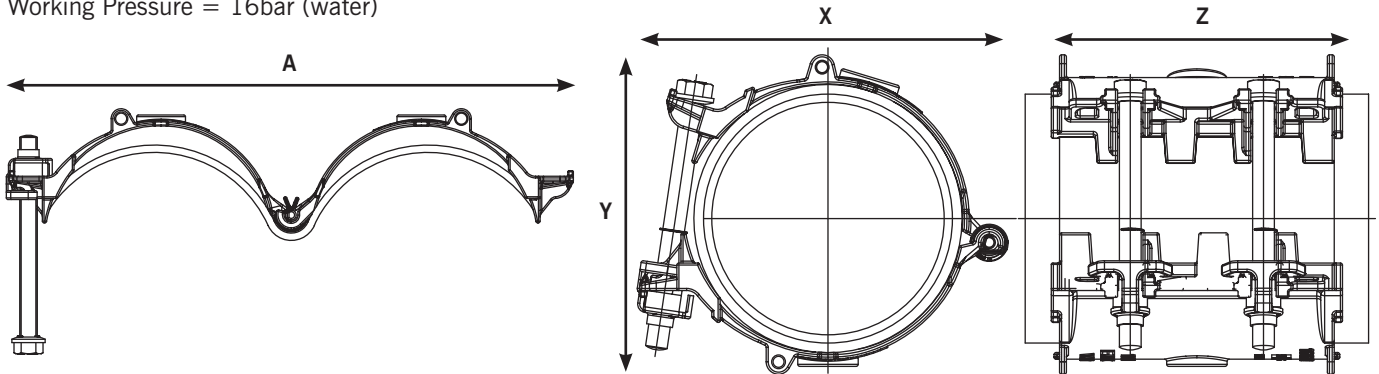
Contractor

Enterprise

Remote EasiClamp & EasiTap D&T Boss

Specifications

Working Pressure = 16bar (water)



Remote EasiClamp

Nominal Diameter	OD Range		Overall Dimensions				Bolt Size No.-Dia x Length	Gasket Mould No.	Weight (kg)
	Min (mm)	Max (mm)	X (mm)	Y (mm)	Z (mm)	A (mm)			
3"	92.3	103	182	175	212	347	2-M16 x 165	13094	4.8
4"	115	125.6	207	186	212	395	2-M16 x 165	13095	5.3
6"	166	181.2	264	233	212	512	2-M16 x 185	13096	6.9

Remote EasiTap D&T Boss

Nominal Diameter	OD Range		Overall Dimensions				Bolt Size No.-Dia x Length	Gasket Mould No.	Weight (kg)	Standard BSP Threaded Boss Size	Non Standard BSP Threaded Boss Size
	Min (mm)	Max (mm)	X (mm)	Y (mm)	Z (mm)	A (mm)					
3"	92.3	103	182	175	212	347	2-M16 x 165	13094	4.8	0.75" BSP	0.5" BSP
4"	115	125.6	207	186	212	395	2-M16 x 165	13095	5.3	1" BSP	0.5" BSP 0.75" BSP
6"	166	181.2	264	233	212	512	2-M16 x 185	13096	6.9	1" BSP	0.5" BSP 0.75" BSP

Materials & Relevant Standards

Housing

Ductile Iron to BS EN1563:1997 Symbol EN-GJS-450-10

Gasket

BS EN681-1:1996 for potable water applications (WRAS Approved) (60 IRHD)

Bridging Plate

Stainless Steel BS1449:PART 2:1983 GRADE 304S15 2B Finish

Hinge Clip

Acetal M25-04 Natural (HOECHST)

Bolts/Spanner Size

Steel BS EN ISO898-1:2009 Property Class 4.8 M16 / 24mm A/F

Bolt Torque

95 to 120Nm

Retaining Clip

Acetal M25-04 Natural (HOECHST)

Bolt Retainer

Acetal M25-04 Natural (HOECHST)

Anti-Rotation Nut

Cast or Machined Steel. Min Yield Strength = 275N/mm². Ultimate Tensile Strength = 430mm². Elongation = 23%

Spherical Washer

Ductile Iron to BS EN1563:1997 Symbol EN-GJS-450-10

Coatings

Body - Rilsan Nylon II

Bolts and Anti-Rotation Nuts - Silver Sheraplex

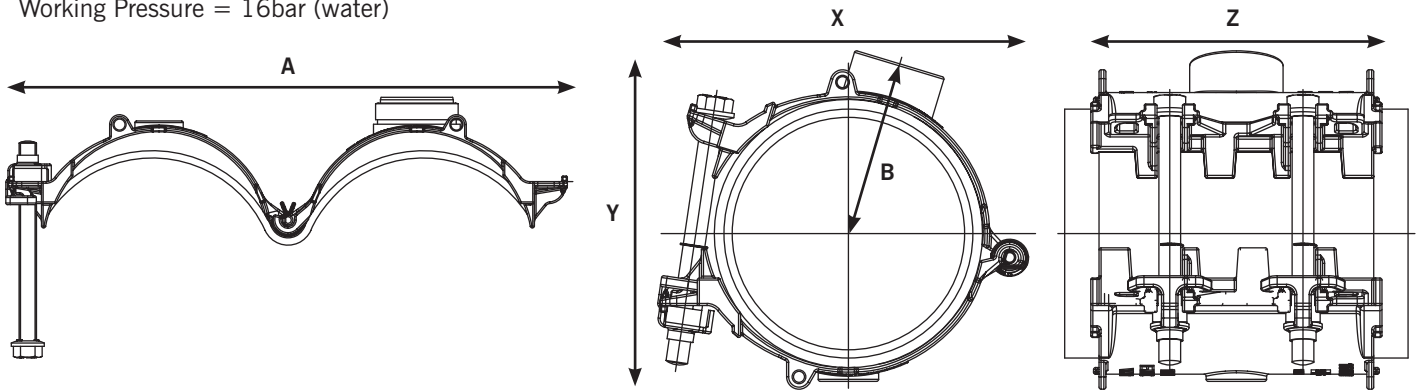
Spherical Washer - Galvanised

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Remote EasiTap D&T Outlet

Specifications

Working Pressure = 16bar (water)



Remote EasiTap D&T Outlet

Nominal Diameter	OD Range		Overall Dimensions					Bolt Size No.-Dia x Length	Gasket Mould No.	Weight (kg)	Outlet - BSP Threaded Size
	Min (mm)	Max (mm)	X (mm)	Y (mm)	Z (mm)	A (mm)	B (mm)				
3"	92.3	103	182	185	212	347	86	2-M16 x 165	13094	5.0	2"BSP
4"	115	125.6	207	200	212	395	93	2-M16 x 165	13095	5.5	2"BSP
6"	166	181.2	264	247	212	512	122	2-M16 x 185	13096	7.1	2"BSP

Materials & Relevant Standards

Housing

Ductile Iron to BS EN1563:1997 Symbol EN-GJS-450-10

Gasket

BS EN681-1:1996 for potable water applications
(WRAS Approved) (60 IRHD)

Bridging Plate

Stainless Steel BS1449:PART 2:1983 GRADE 304S15 2B Finish

Hinge Clip

Acetal M25-04 Natural (HOECHST)

Bolts/Spanner Size

Steel BS EN ISO898-1:2009 Property Class 4.8 M16 / 24mm A/F

Bolt Torque

95 to 120Nm

Retaining Clip

Acetal M25-04 Natural (HOECHST)

Bolt Retainer

Acetal M25-04 Natural (HOECHST)

Anti-Rotation Nut

Cast or Machined Steel. Min Yield Strength = 275N/mm².
Ultimate Tensile Strength = 430mm². Elongation = 23%

Spherical Washer

Ductile Iron to BS EN1563:1997 Symbol EN-GJS-450-10

Coatings

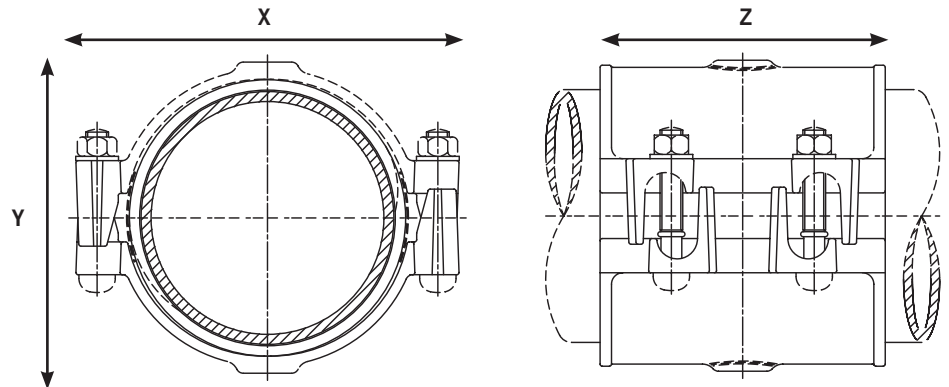
Body - Rilsan Nylon II

Bolts and Anti-Rotation Nuts - Silver Sheraplex

Spherical Washer - Galvanised

EasiClamp & EasiTap D&T Boss

Specifications



EasiClamp & EasiTap D&T Boss

Nominal Diameter		OD Range		Dimensions			Bolt Size No.-Dia x Length	Weight (kg)	Outlet BSP Threaded Size
		Min (mm)	Max (mm)	X (mm)	Y (Max) (mm)	Z (mm)			
2"	DN50	66.0	75.0	150	110	200	4-M12 x 65mm	4.1	3/4"
2 1/2"	DN65	75.0	84.0	159	119	200	4-M12 x 65mm	4.4	3/4"
5"	DN125	141.0	153.9	239	182	200	4-M16 x 95mm	7.5	3/4" or 1"
7"	DN175	200.0	210.0	296	238	200	4-M16 x 95mm	9.0	3/4" or 1"
8"	DN200	216.5	226.0	313	269	200	4-M16 x 95mm	9.5	1"
8"	DN200	230.2	243.5	328	281	200	4-M16 x 95mm	10.8	3/4" or 1"
9"	DN225	243.0	267.0	362	307	212	4-M16 x 120mm	13.6	3/4" or 1"
10"	DN250	269.0	294.0	395	322	250	6-M16 x 120mm	18.5	1/2", 3/4" or 1"
12"	DN300	323.0	349.0	450	387	300	8-M16 x 120mm	25.2	1/2", 3/4" or 1"

Materials & Relevant Standards

Housing

Tapped Housing - Ductile Iron to BS EN 1563:1997
SYMBOL EN-GJS-450-10

Plain Housing - Ductile Iron to BS EN 1563:1997
SYMBOL EN-GJS-450-10

Bridging Plate

Stainless Steel to BS1449: Part 2:1983 Grade 304S15 2B Finish

Gasket

Grade E, 60 IRHD EPDM to BS2494: 1990/W+D

Bolts/Bolt Torque/Spanner Size

Steel to BS EN ISO 898-1:2001 Property Class 4.8

M12 = 55 to 65Nm / A/F 19mm

M16 = 95 to 110Nm / A/F 24mm

Nuts - Steel to BS 4190:2001 Grade 4

Washers - Stainless Steel to BS 1449:Part 2:1983 Grade 304 S15

Coating

Tapped Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Plain Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Bolts & Nuts - Sheraplex to WIS 4-52-03

Approvals

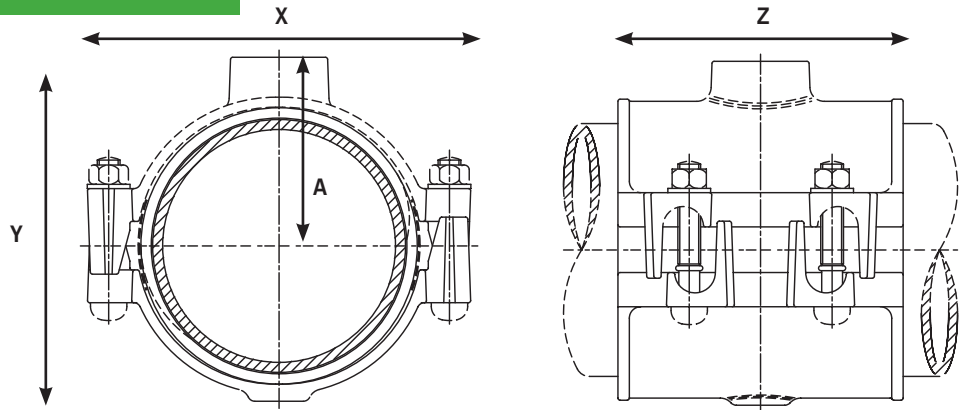
All water contact materials are WRAS approved for use with potable water

Full product is WRAS approved for use with potable water

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EasiTap - D&T Outlet

Specifications



EasiTap D&T Outlet

Nominal Diameter	OD Range		Dimensions				Bolt Size No.-Dia x Length	Weight (kg)	Outlet BSP Threaded Size
	Min (mm)	Max (mm)	X (mm)	Y (Max) (mm)	Z (mm)	A (mm)			
5"	141.0	153.9	239	210	200	120	4-M16 x 95mm	7.5	2" BSP
7"	200.0	210.0	296	266	200	146	4-M16 x 95mm	9.0	2" BSP
200	216.5	226.0	313	292	200	153	4-M16 x 95mm	10.0	2" BSP
8"	230.2	243.5	332	309	200	161	4-M16 x 95mm	10.8	2" BSP
9"	243.0	267.0	362	330	212	180	4-M16 x 120mm	13.7	2" BSP
10"	269.0	294.0	395	347	250	194	6-M16 x 120mm	18.7	2" BSP
12"	323.0	349.0	450	412	300	221	8-M16 x 120mm	25.4	2" BSP

Materials & Relevant Standards

Housing

Tapped Housing - Ductile Iron to BS EN 1563:1997

SYMBOL EN-GJS-450-10

or Malleable Cast Iron to BS EN 1562:1997

SYMBOL EN-GJMB-350-10

Plain Housing - Ductile Iron to BS EN 1563:1997 SYMBOL EN-GJS-450-10

Bridging Plate

Stainless Steel to BS1449: Part 2:1983 Grade 304S15 2B Finish

Gasket

Grade E, 60 IRHD EPDM to BS2494:1990/W+D

Bolts/Bolt Torque/Spanner Size

M16 = 95 to 110Nm/A/F 24mm

Bolts - Steel to BS EN ISO 898-1:2001 Property Class 4.8

Nuts - Steel to BS 4190:2001 Grade 4

Washers - Stainless Steel to BS 1449: Part 2:1983 Grade 304 S15

Coating

Tapped Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Plain Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Bolts & Nuts - Sheraplex to WIS 4-52-03

Approvals

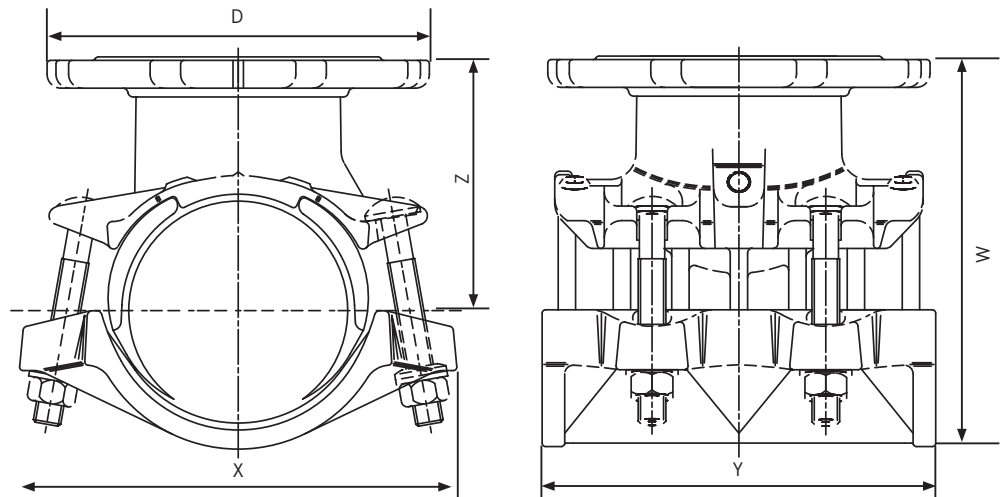
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Universal EasiTee

Specifications



EasiTee

Pipe OD Size Range (mm)		Branch Drilling		Plain Mould No.	Branch Mould No.	Dimensions (mm)					Bolt Size No.-Size x length	Weight (kg)
Min	Max	Nom	Spec			D	W	X	Y	Z		
85.4	103.0	80	PN 10,16	1792	1791	200	205	213	193	128	4-M16 x 110	9.0
111.8	129.4	80/100	PN 10,16	1741	1740	200	228	227	252	146	4-M16 x 130	10.5
165.2	184.4	80/100	PN 10,16	1743	1742	200	275	269	305	165	4-M16 x 130	18.7
165.2	184.4	150	PN 10,16	1743	1742	285	275	269	305	165	4-M16 x 130	20.9
215.9	239.7	80/100	PN 10,16	1745	1744	200	365	319	385	228	6-M20 x 140	25.4
215.9	239.7	150	PN 10,16	1745	1744	285	365	319	385	228	6-M20 x 140	28.0
215.9	239.7	200	PN 16	1745	1744	340	365	319	385	228	6-M20 x 140	29.5
269.2	293.5	80/100	PN 10,16	1747	1746	200	424	368	462	260	6-M20 x 140	49.1
269.2	293.5	150	PN 10,16	1747	1746	285	424	368	462	260	6-M20 x 140	51.2
269.2	293.5	200	PN 16	1747	1746	340	424	368	462	260	6-M20 x 140	52.3
269.2	293.5	250	PN 16	1747	1746	405	424	368	462	260	6-M20 x 140	56.6
323.1	349.0	80/100	PN 10,16	1749	1748	200	478	439	534	290	6-M24 x 160	58.7
323.1	349.0	150	PN 10,16	1749	1748	285	478	439	534	290	6-M24 x 160	61.0
323.1	349.0	200	PN 16	1749	1748	340	478	439	534	290	6-M24 x 160	62.5
323.1	349.0	250	PN 16	1749	1748	405	478	439	534	290	6-M24 x 160	66.0
323.1	349.0	300	PN 16	1749	1748	460	478	439	534	290	6-M24 x 160	66.0

Materials & Relevant Standards

Bolt Torque/Spanner Details:-

M16 = 95 to 110Nm/A/F 24mm
M20 = 150 to 165Nm/A/F30mm
M24 = 285 to 300Nm/A/F36mm

Housing

Flanged Housing - Ductile Iron to BS EN1563:1997
SYMBOL EN-GJS-450-10

Plain Housing - Ductile Iron to BS EN1563:1997
SYMBOL EN-GJS-450-10

Bridging Plate

Ductile Iron to BS EN1563:1997
SYMBOL EN-GJS-450-10

Gasket

Grade E, 60 IRHD EPDM BS EN681-1:1996

Bolts/Nuts/Washers

Bolts - Steel to BS EN 10083: Part 1:1991 Grade 2.C.22
Steel to BS EN ISO898-1 2009 property class 4.8.

Nuts - Steel to BS 4190:2001 Grade 4

Spherical Washers - Pearlite Malleable Iron
to BS EN 1562:1997 Symbol EN-GJMW-400-5

Washers - Stainless Steel to BS 1449: Part 2:1983
Grade 304 S15

Coatings

Flanged Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Plain Housing - Rilsan Nylon 11 to WIS 4-52-01 (Part1)

Bridging Plate - Nylon 11 to WIS 4-52-01 (Part 1)

Bolts & Nuts - Flurene coated

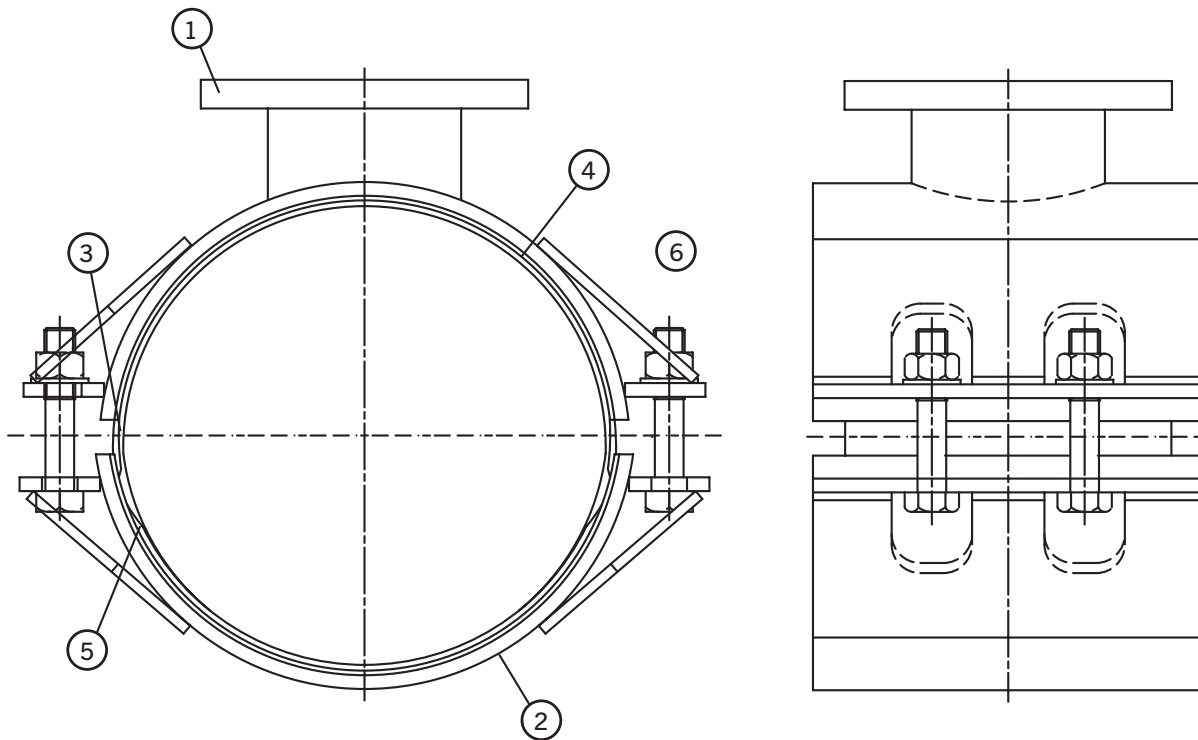
Approvals

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MattSeal EasiTee

Specifications



Materials & Relevant Standards

1) Branch Housing

Steel BS EN10025-2:2004 Grade S275JR
and Steel tube BS EN 10216-1:2002 Grade P265TR1
BS EN 10255:2004

2) Plain Housing

Steel BS EN10025-2:2004 Grade S275JR

3) Bridging Plate

Stainless Steel BS1449:Part 2:1983 Grade 304S15

4) Saddle Gasket

60 IRHD EPDM to BS EN681-1: 1996

5) Housing Gasket

60 IRHD EPDM to BS EN681-1: 1996

6) Bolts, Nuts and Washers

Bolts - Steel BS EN ISO898-1:2009 Property Class 4.8

Nuts - Steel BS4190:2001 Grade 4

Washers - Steel BS EN10083:Part 1:1991 Grade C22E

Finish Specification

1) **Branch Housing** - Rilsan Nylon II

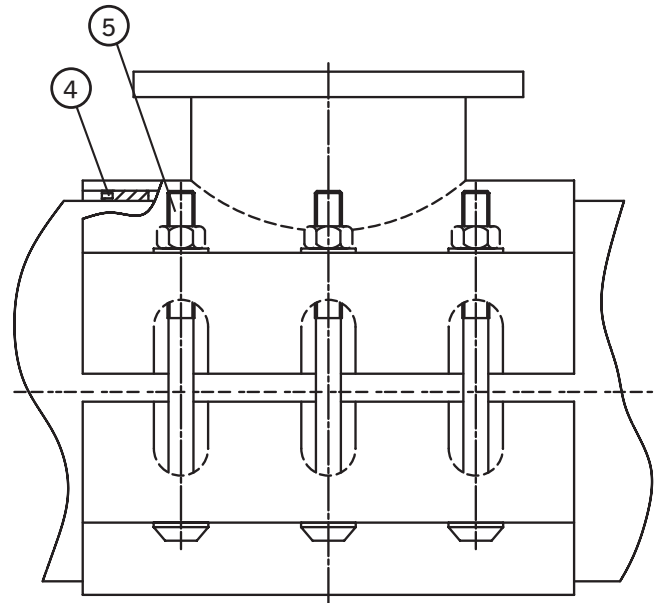
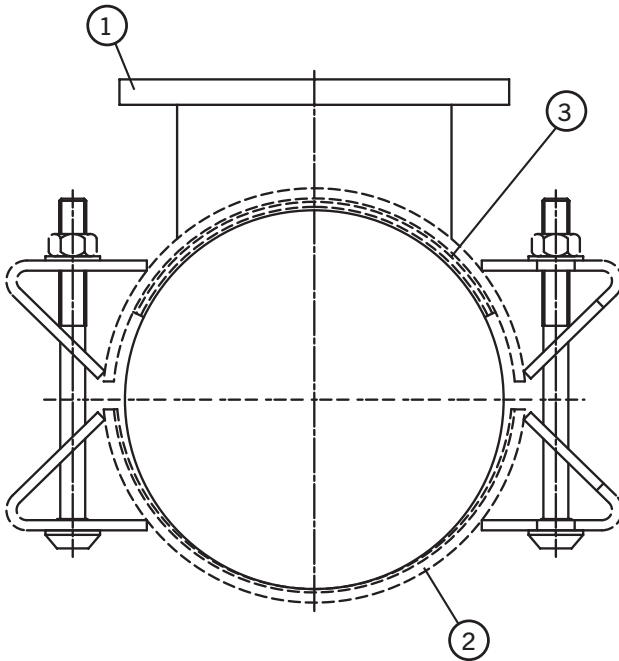
2) **Plain Housing** - Rilsan Nylon II

MattSeal EasiTee products are manufactured to order. For detailed dimensional data please contact Viking Johnson.

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RingSeal EasiTee

Specifications



Materials & Relevant Standards

1) Branch Housing

Steel BS EN10025-2:2004 Grade S275JR
Steel tube to BS EN 10216-1:2002 Grade P265TRI
BS EN 10255:2004

2) Plain Housing

Steel BS EN10025-2:2004 Grade S275JR

3) Gasket

Rubber BS EN681-1:1996 70 Hardness Grade EPDM

4) Gasket Retainer

Steel BS EN10025-2:2004 Grade S275JR

5) Bolt, Nut & Washer

Bolt - Steel BS EN ISO 898-1:2009 Property Class 8.8

Nut - Steel BS EN20898-2:1994 Property Class 8.0

Washer - Stainless Steel BS EN ISO3506-1:2009
Grade A2 Property Class 50 (304)

Finish Specification

1) **Branch Housing** - Rilsan Nylon II

2) **Plain Housing** - Rilsan Nylon II

4) **Gasket Retainer** - Zinc Plate to BS1706:1990 Fe/ZnB c1 B

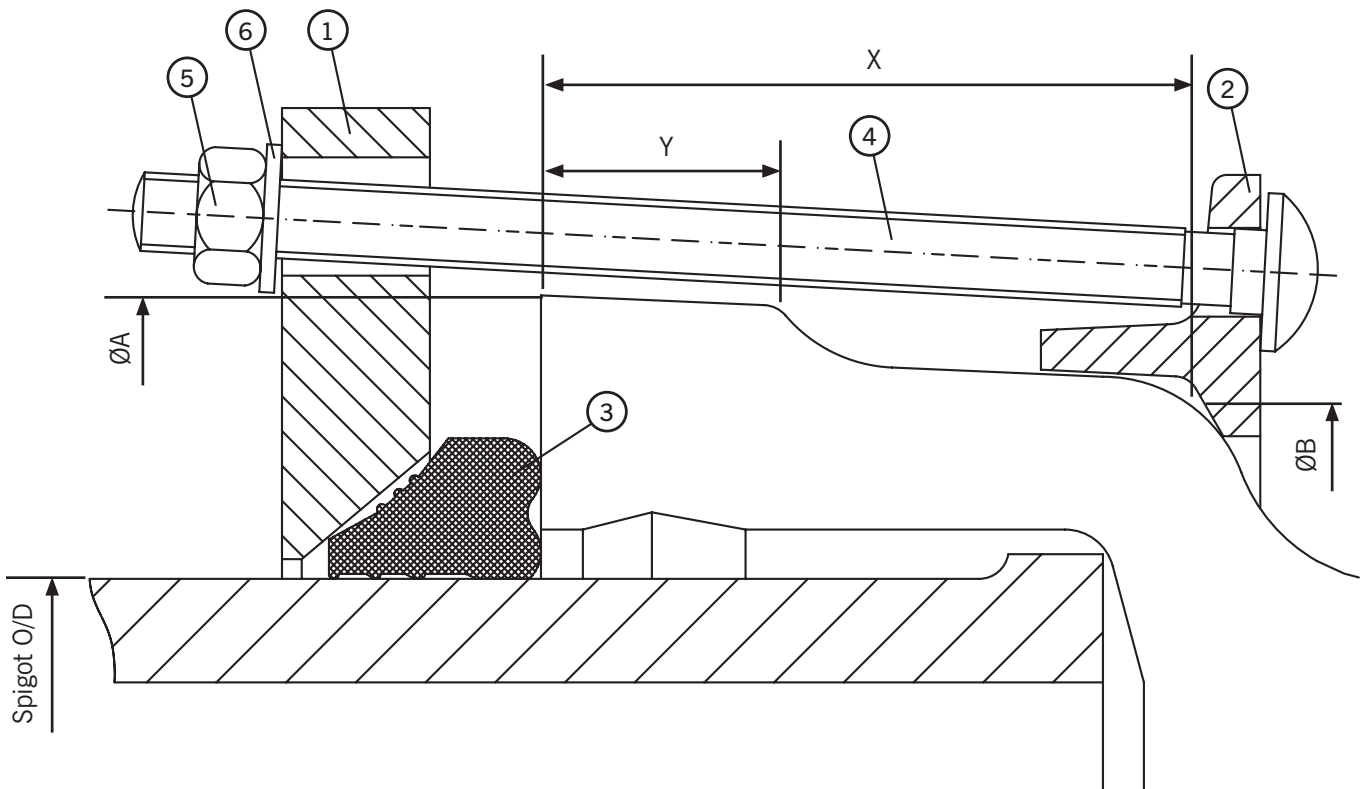
5) **Bolt, Nut & Washer** - Sheraplex coated to WIS 4-52-03

RingSeal EasiTee products are manufactured to order. For detailed dimensional data please contact Viking Johnson.

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EasiCollar DN300 to DN1800

Specifications



Materials & Relevant Standards

Materials

- 1) **Compression Flange** - Steel BS EN10025-2:2004 Grade S275JR
- 2) **Anchor End Ring** - Steel BS EN10025-2:2004 Grade S275JR
- 3) **Gasket** - 61 IRHD EPDM Compound Ref. CVE61
- 4) **Bolts** - Steel BS EN ISO 898-1:2009 Property Class 4.8
- 5) **Nuts** - Steel BS4190:2001 Grade 4
- 6) **Washers** - Stainless Steel to BS1449:Part 2 1983 Grade 304 S15

Finish Specification

Compression Flange (Part 1) Rilsan Nylon II - Black
Anchor End Ring (Part 2) Rilsan Nylon II - Black
Bolts and Nuts - Sheraplex coated to WIS 4-52-03

Note: Due to the number of different types of spigot and socket joints, with varying tolerances, when enquiring about EasiCollar a form is available with the dimensions required, please contact the marketing department for more information.

EasiCollar products are manufactured to order. For detailed dimensional data please contact Viking Johnson.

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United Kingdom - Anglesey

Systems Maintenance

MattSeal EasiTee - DN300



Project

Upgrading network - making an under pressure connection to an existing cast iron water main.

Client

Welsh Water

Contractor

Daniel Contractor Limited



46-48 WILBURY WAY
HITCHIN, HERTFORDSHIRE
SG4 0UD. UNITED KINGDOM
TELEPHONE: +44 (0)1462 443322
FAX: +44 (0)1462 443311
EMAIL: info@vikingjohnson.com

www.vikingjohnson.com



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EMS 51874



ISO 9001
FM 00311



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