

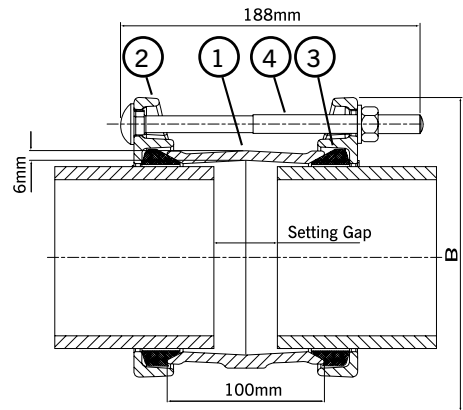
QuickFit Couplings

Specifications

QuickFit Coupling

Bolt size	M12 x 180mm CDX	1 = Centre Sleeve
Setting gap	Recommended - 20mm Max - 40mm	2 = End Ring
Bolt torque	55-65Nm	3 = Gasket
Expansion/Contraction	10mm	4 = Bolts
Angularity	6°	

QuickFit Couplings DO NOT resist end load due to the internal pressure - adequate external restraint must be provided to prevent pipe pull out.



Size Range (mm)		Working Pressure (bar)	End Ring OD B (mm)	Bolt Size No.-Dia x Length	Gasket Mould No.	Weight (kg)
Min	Max					
47.9	51.3	46.6	136.0	2-M12 x 180	12477/41	2.22
59.5	63.3	46.6	148.0	2-M12 x 180	12477/1	2.51
75.3	79.1	46.6	164.0	2-M12 x 180	12477/5	2.89
88.1	91.9	46.6	177.0	4-M12 x 180	12477/7	3.81
95.8	100.2	46.6	185.0	4-M12 x 180	12477/10	4.00
107.2	111.0	46.6	196.0	4-M12 x 180	12477/12	4.26
113.5	120.2	46.6	205.0	4-M12 x 180	12477/15	4.48
138.9	142.7	44	228.0	4-M12 x 180	12477/19	5.02
158.2	162.0	38.8	254.0	4-M12 x 180	12477/21	6.32
167.5	172.3	36.9	264.0	4-M12 x 180	12477/24	6.59
192.9	196.7	32.2	292.0	4-M12 x 180	12477/26	8.06
218.3	224.4	35.8	319.0	4-M12 x 180	12477/29	8.89
272.2	276.5	34.8	372.0	6-M12 x 180	12477/34	11.15
323.1	328.6	29.5	424.0	6-M12 x 180	12477/37	12.76

Site Test pressure = 1.5 x working pressure

Materials & Relevant Standards

Centre Sleeve and End Rings

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

Gaskets

Standard: EPDM to BS EN681-1, TYPE WA, WC Nitrile to BS EN682:

Type G Other grades are available - contact Viking Johnson for details

Tee Bolts/Bolts

Standard: Steel to BS EN ISO 898-1: property class 4.8

Option: Stainless Steel to BS EN ISO 3506-1: grade A4 property class 50

Nuts/Washers

Nuts - Standard: Steel to BS EN 20898-2: property class 8

Option: Stainless Steel to BS EN ISO 3506-2: grade A4 property class 80

Washers - Stainless Steel to BS1449:PART 2: GRADE 304S15

Coatings

Centre sleeve and end rings coated with:

Standard: Rilsan Nylon 11 to WIS 4-52-01 Part 1

Other coatings available: Scotchkote, Primer, Galvanised

Tee bolts, CDX bolts and nuts coated with Standard Sheraplex to WIS 4-52-03

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