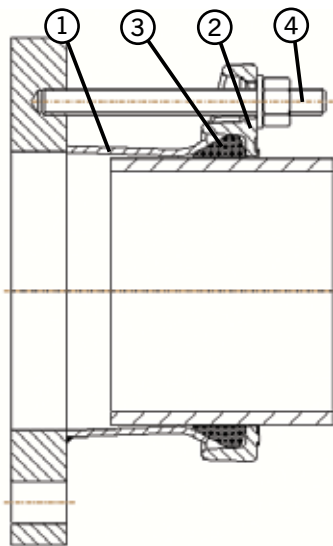


QuickFit Flange Adaptors - Fabricated (Standard Drillings)

Flange Adaptor



Key

- 1 = Body
- 2 = End Ring
- 3 = Gasket
- 5 = Studs

Fabricated QuickFit Flange Adaptors - Standard Drillings Available

OD	Flange Details Nom (mm)	BS EN 1092											
		PN2.5		PN6		PN10		PN16		PN25		PN40	
		Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?
059.5 - 063.3	50	✓	x	✓	x								
075.3 - 079.1	65	✓	x	✓	x					✓	✓	✓	✓
088.1 - 091.9	80	✓	x	✓	x								
095.8 - 100.2	80	✓	x	✓	x								
107.2 - 111.0	100	✓	✓	✓	✓					✓	✓	✓	✓
113.5 - 120.2	100	✓	x	✓	x					✓	✓	✓	✓
138.9 - 142.7	125	✓	x	✓	x					✓	✓	✓	✓
158.2 - 162.0	150	✓	x	✓	x					✓	✓	x	x
167.5 - 172.3	150	✓	x	✓	x					✓	✓	x	x
192.2 - 196.7	200	✓	✓	✓	✓					✓	✓	x	x
218.3 - 224.4	200	✓	x	✓	x					✓	✓	x	x
272.2 - 276.5	250	✓	x	✓	x					✓	✓	x	x
323.1 - 328.6	300	✓	x	✓	x					x	x	x	x

Y/N = ✓ = Can make QFFA with this drilling
 x = Cannot make QFFA with this drilling

Tied? = ✓ = Can offer as tied FA – notching not required

x = Cannot offer as tied FA – bolts clash with end ring – cannot notch

Orange background = Denotes standard cast product

OD	Flange Details Nom (")	BS 10:1962 Table											
		A		D		E		F		H		J	
		Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?
059.5 - 063.3	2	✓	x	✓	x	✓	x	✓	✓	✓	✓	x	x
075.3 - 079.1	2.5	✓	x	✓	x	✓	x	✓	✓	✓	✓	x	x
088.1 - 091.9	3	✓	x	✓	x	✓	x	✓	✓	✓	✓	x	x
095.8 - 100.2	3	✓	x	✓	x	✓	x	✓	✓	✓	✓	x	x
107.2 - 111.0	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
113.5 - 120.2	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
138.9 - 142.7	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
158.2 - 162.0	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
167.5 - 172.3	6	✓	x	✓	x	✓	x	✓	✓	✓	✓	x	x
192.2 - 196.7	8	✓	✓	✓	✓	✓	✓	✓	✓	x	x	x	x
218.3 - 224.4	8	✓	✓	✓	✓	✓	x	✓	✓	✓	✓	x	x
272.2 - 276.5	10	x	x	x	x	✓	✓	✓	✓	✓	✓	x	x
323.1 - 328.6	12	x	x	✓	✓	✓	✓	x	x	x	x	x	x

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QuickFit Flange Adaptors - Fabricated (Standard Drillings)

Datasheet

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Technical Information

Working Pressure Rating

Water working pressure in accordance with the flange rating
Gas 6 bar

Vacuum Pressure

Capable of accommodating a vacuum pressure of -0.7 bar

Site Test Pressure

1.5 times working pressure for short duration (2 hours)

Angularity

Flange Adaptor 3°

Bolt Torque/Spanner

M12; Torque 55-65Nm on every bolt
Spanner size A/F 19mm

Temperature Rating of Product

EPDM -20°C to +90°C

Nitrile -20°C to +90°C

For use on applications with fluctuating and / or elevated temperatures (> 60°C) may require regular maintenance to re-tighten the bolts and must be included in any maintenance schedule.

Approvals

The following water contact materials used in QuickFit are approved for use with potable water:-

Rilsan Nylon 11:

➤ WRAS, AS/NZS 4020, DVGW, W270, ACS & KIWA

EPDM Gaskets:

➤ WRAS, AS/NZS 4020

Materials & Relevant Standards

Flange

Steel to BS EN 10025-2: Grade S275JR

Sleeve Options:

- Steel Tube to BS EN 10216-1: Grade P265TRI
- Steel Tube to BS EN 10217-1:
- Steel BS EN10025-2: Grade S275JR

End Rings

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

Gaskets

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

Steel to BS EN 20898-2: property class 8

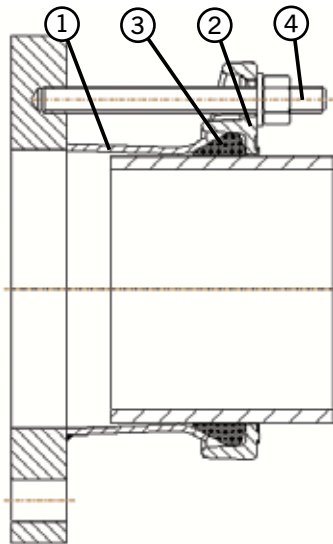
Option - Stainless Steel to BS EN ISO 3506-2:
grade A4 property class 80

Washers

Stainless Steel to BS1449:PART 2: GRADE 304S15

QuickFit Flange Adaptors - Fabricated (Standard Drillings)

Flange Adaptor



Key

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Fabricated QuickFit Flange Adaptors - Standard Drillings Available

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Tied? = ✓ = Can offer as tied FA – notching not required

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OD	Flange Details Nom - (")	ASME/ANSI B16.1/ASME B16.5 Class							
		125		150		250		300	
		Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?
059.5 - 063.3	2	✓	x	✓	x	✓	✓	x	x
075.3 - 079.1	2.5	✓	✓	✓	✓	✓	✓	x	x
088.1 - 091.9	3	✓	✓	✓	✓	✓	✓	x	x
095.8 - 100.2	3	✓	x	✓	x	✓	✓	x	x
107.2 - 111.0	4	✓	✓	✓	✓	✓	✓	x	x
113.5 - 120.2	4	✓	✓	✓	✓	✓	✓	x	x
138.9 - 142.7	5	✓	✓	✓	✓	✓	✓	x	x
158.2 - 162.0	6	✓	✓	✓	✓	✓	✓	x	x
167.5 - 172.3	6	✓	✓	✓	✓	✓	✓	x	x
192.2 - 196.7	8	✓	✓	✓	x	✓	x	x	x
218.3 - 224.4	8	✓	✓	✓	✓	✓	✓	x	x
272.2 - 276.5	10	✓	✓	✓	✓	x	x	x	x
323.1 - 328.6	12	✓	✓	✓	✓	x	x	x	x

OD	Flange Details Nom - (")	AWWA C207 Class							
		B		D		E		F	
		Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?
107.2 - 111.0	4	✓	✓	✓	✓	✓	✓	✓	✓
113.5 - 120.2	4	✓	✓	✓	✓	✓	✓	✓	✓
138.9 - 142.7	5	✓	✓	✓	✓	✓	✓	✓	✓
158.2 - 162.0	6	✓	✓	✓	✓	✓	✓	✓	✓
167.5 - 172.3	6	✓	✓	✓	✓	✓	✓	✓	✓
192.2 - 196.7	8	✓	✓	✓	✓	✓	✓	✓	✓
218.3 - 224.4	8	✓	✓	✓	✓	✓	✓	✓	✓
272.2 - 276.5	10	✓	✓	✓	✓	✓	✓	x	x
323.1 - 328.6	12	✓	✓	✓	✓	✓	✓	x	x

OD	Flange Details Nom - (mm)	AS2129 Table							
		A		C		D		E	
		Y/N	Tied?	Y/N	Tied?	Y/N	Tied?	Y/N	Tied?
059.5 - 063.3	50	✓	x	✓	x	✓	x	✓	x
075.3 - 079.1	65	✓	x	✓	x	✓	x	✓	x
088.1 - 091.9	80	✓	x	✓	x	✓	x	✓	x
095.8 - 100.2	80	✓	x	✓	x	✓	x	✓	x
107.2 - 111.0	100	✓	✓	✓	✓	✓	✓	✓	✓
113.5 - 120.2	100	✓	x	✓	x	✓	x	✓	x
138.9 - 142.7	125	✓	✓	✓	✓	✓	✓	✓	✓
158.2 - 162.0	150	✓	✓	✓	✓	✓	✓	✓	✓
167.5 - 172.3	150	✓	x	✓	x	✓	x	✓	x
192.2 - 196.7	200	✓	✓	✓	✓	✓	✓	✓	✓
218.3 - 224.4	200	✓	x	✓	x	✓	x	✓	x
272.2 - 276.5	250	x	x	x	x	x	x	✓	✓
323.1 - 328.6	300	x	x	✓	✓	✓	✓	✓	x

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QuickFit Flange Adaptors - Fabricated (Standard Drillings)

Datasheet

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Flange Adaptor 3°

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EPDM Gaskets:

➤ WRAS, AS/NZS 4020

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Sleeve Options:

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- Steel Tube to BS EN 10217-1:
- Steel BS EN10025-2: Grade S275JR

End Rings

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

Gaskets

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

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