

### Flange Adaptor

Bolt torque 55-65Nm  
Spanner size A/F 19mm

Size Range (mm)		Diameter (mm)	Bores (mm)		Overall Length (mm)	Sleeve Length x Thickness	Flange Drilling	Setting Gap (mm)	Max Gap (mm)	Bolts No x Dia x Length	Gasket Mould No.	Weight (kg)
Min	Max	M	S	L	(A) x (T)							
57.0	74.0	163.4	59.0	124.0	75.0 x 4.5	50 PN10:16, 2.5" BS10 Table ADE, 2" ANSI125	20.0	40.0	4 - M12x115	12392/1	2.7	
63.0	85.0	196.9	75.0	124.0	75.0 x 4.5	60 PN10:16, 65 PN10:16, 80 PN10:16, 3" BS10 Table ADE, 2.5" ANSI125, 3" ANSI125, 80 AS2129 CD, 80 AS4087 E	20.0	40.0	4 - M12x115	12392/2	3.5	
85.0	107.0	202.5	101.0	124.0	75.0 x 4.5	80 PN10:16, 3" ANSI125, 3.5" BS10 Table AD, 3.5" BS10 Tabel E	20.0	40.0	4 - M12x115	12392/3	3.7	
107.0	132.0	228.0	121.0	134.0	75.0 x 4.5	100 PN 10:16, 4" BS10 Tabel AD, 4" BS10 Table E, 4" AWWA C207 D, 100 AS2129 CD, 100 AS4087 E	20.0	40.0	4 - M12x125	12392/4	4.4	
132.0	158.0	281.5	150.0	134.0	75.0 x 5.0	125 PN10:16, 150 PN10:16, 5" BS10 Table A, 5" BS10 Table DE, 6" BS10 Table A, 6" BS10 Table D, 6" BS10 Table E, 6" AWWA C207 D, 125 AS2129 CD, 150 AS2129 CD, 125 AS4087 E, 150 AS4087 E	20.0	40.0	4 - M12x125	12392/6	5.6	
158.0	184.0	281.2	173.0	134.0	75.0 x 5.0	150 PN10:16, 6" BS10 Table A, 6" BS10 Table D, 6" AWWA C207 D, 150 AS4087 E, 150 AS2129 CD,	20.0	40.0	4 - M12x125	12392/7	6.0	
189.0	212.0	336.5	202.0	133.0	75.0 x 5.0	200 PN10:16, 8" BS10 Table AD, 8" AWWA C207 D, 200 AS2129 CD, 200 AS4087 E	25.0	40.0	4 - M12x125	12392/9	8.3	
218.0	244.0	337.8	225.0	134.0	75.0 x 5.0	200 PN10:16, 8" BS10 Table AD, 8" AWWA C207 D, 200 AS2129 CD	25.0	40.0	4 - M12x125	12392/10	8.3	
243.0	269.0	401.5	252.0	144.0	85.0 x 5.0	250 PN10:16, 250 AS4087 E	25.0	50.0	6 - M12x135	12392/11	10.9	
266.0	295.0	402.1	277.0	146.0	85.0 x 5.0	250 PN10:16, 250 AS4087 E	25.0	50.0	6 - M12x135	12392/12	11.4	
315.0	349.0	457.8	329.0	155.0	100.0 x 5.0	300 PN10:16, 12" BS10 Table D, 300 AS2129 CD	25.0	60.0	6 - M12x145	12392/14	14.8	



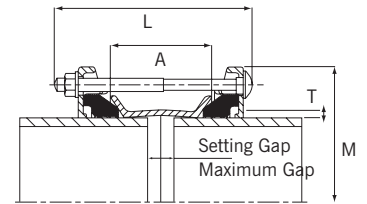
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### Coupling - Standard Sleeve

Bolt torque 55-65Nm  
Spanner size A/F 19mm



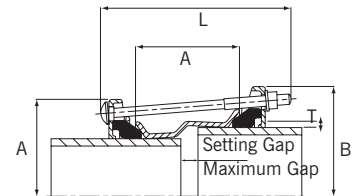
Nominal Size (mm)	Size Range (mm)		Diameter (mm)		Overall Length (mm)		Sleeve Length x Thickness		Setting Gap (mm)	Max Gap (mm)	Bolts No x Dia x Length	Gasket Mould No.	Weight (kg)
	Min	Max	M	L	L	(A) x (T)							
DN40	47.9	59.5	149.5	190.0	190.0	100.0 x 4.5	20.0	40.0	2-M12x180	1637	3.1		
DN50	57.0	74.0	154.5	190.0	190.0	95.0 x 4.5	20.0	40.0	4-M12x180	12392/1	3.0		
DN65	63.0	85.0	173.5	190.0	190.0	95.0 x 4.5	20.0	40.0	4-M12x180	12392/2	3.6		
DN80	85.0	107.0	195.5	190.0	190.0	95.0 x 4.5	20.0	40.0	4-M12x180	12392/3	4.1		
DN100	107.0	132.0	224.5	190.0	190.0	95.0 x 4.5	20.0	40.0	4-M12x180	12392/4	4.8		
DN125	132.0	158.0	254.5	190.0	190.0	95.0 x 5.0	20.0	40.0	4-M12x180	12392/6	6.0		
DN150	158.0	184.0	280.5	190.0	190.0	95.0 x 5.0	20.0	40.0	4-M12x180	12392/7	6.9		
DN175	189.0	212.0	306.5	230.0	230.0	130.0 x 5.0	25.0	50.0	4-M12x220	12392/9	9.4		
DN200	218.0	244.0	342.5	230.0	230.0	130.0 x 5.0	25.0	50.0	4-M12x220	12392/10	10.9		
DN225	243.0	269.0	367.5	230.0	230.0	130.0 x 5.0	25.0	50.0	6-M12x220	12392/11	12.4		
DN250	266.0	295.0	399.5	230.0	230.0	130.0 x 5.0	25.0	50.0	6-M12x220	12392/12	14.6		
DN300	315.0	349.0	462.5	230.0	230.0	130.0 x 5.0	25.0	50.0	8-M12x220	12392/14	19.4		

### Coupling - Long Sleeve

DN50	57.0	74.0	154.5	285.0	285.0	200.0 x 4.5	20.0	140.0	4 - M12x275	12392/1	4.6
DN65	63.0	85.0	173.5	285.0	285.0	190.0 x 4.5	20.0	130.0	4 - M12x275	12392/2	5.2
DN80	85.0	107.0	195.5	285.0	285.0	200.0 x 4.5	20.0	140.0	4 - M12x275	12392/3	6.3
DN100	107.0	132.0	224.5	285.0	285.0	190.0 x 4.5	20.0	130.0	4 - M12x275	12392/4	7.2
DN125	132.0	158.0	254.5	285.0	285.0	190.0 x 5.0	20.0	130.0	4 - M12x275	12392/6	9.0
DN150	158.0	184.0	280.5	285.0	285.0	190.0 x 5.0	20.0	130.0	4 - M12x275	12392/7	10.3
DN175	189.0	212.0	306.5	285.0	285.0	190.0 x 5.0	25.0	110.0	4 - M12x275	12392/9	12.1
DN200	218.0	244.0	342.5	285.0	285.0	190.0 x 5.0	25.0	110.0	4 - M12x275	12392/10	14.1
DN225	243.0	269.0	367.5	350.0	350.0	250.0 x 5.0	25.0	165.0	6 - M12x340	12392/11	18.6
DN250	266.0	295.0	399.5	350.0	350.0	250.0 x 5.0	25.0	165.0	6 - M12x340	12392/12	21.4
DN300	315.0	349.0	462.5	350.0	350.0	240.0 x 5.0	25.0	155.0	8 - M12x340	12392/14	27.0

### Stepped Coupling

Bolt torque 55-65Nm  
Spanner size A/F 19mm



Size Range (mm)				Diameter (mm)		Overall Length (mm)	Sleeve Length x Thickness	Setting Gap (mm)	Max Gap (mm)	Bolts No x Dia x Length	Gasket Mould No.		Weight (kg)
Small End		Large End		A	B						L	(A) x (T)	
57.0	74.0	63.0	85.0	154.5	173.5	210.0	110.0 x 4.5	20.0	40.0	4 - M12x200	12392/1	12392/2	3.5
57.0	74.0	85.0	107.0	154.5	195.5	210.0	110.0 x 4.5	20.0	40.0	4 - M12x200	12392/1	12392/3	3.9
63.0	85.0	85.0	107.0	173.5	195.5	210.0	110.0 x 4.5	20.0	40.0	4 - M12x200	12392/2	12392/3	4.2
85.0	107.0	107.0	132.0	195.5	224.5	210.0	110.0 x 4.5	20.0	40.0	4 - M12x200	12392/3	12392/4	4.9
107.0	132.0	132.0	158.0	224.5	254.5	220.0	120.0 x 4.5	20.0	40.0	4 - M12x210	12392/4	12392/6	6.2
132.0	158.0	158.0	184.0	254.5	280.5	220.0	120.0 x 5.0	20.0	40.0	4 - M12x210	12392/6	12392/7	7.2
158.0	184.0	189.0	212.0	280.5	306.5	230.0	130.0 x 5.0	25.0	50.0	4 - M12x220	12392/7	12392/9	8.8
189.0	212.0	218.0	244.0	306.5	342.5	230.0	130.0 x 5.0	25.0	50.0	4 - M12x220	12392/9	12392/10	10.4
218.0	244.0	243.0	269.0	342.5	367.5	230.0	130.0 x 5.0	25.0	50.0	6 - M12x220	12392/10	12392/11	12.0
243.0	269.0	266.0	295.0	367.5	399.5	230.0	130.0 x 5.0	25.0	50.0	6 - M12x220	12392/11	12392/12	13.8

### Material Specification Couplings, Stepped Couplings and Flange Adaptors

#### End Ring and Adaptor Body/Centre Sleeve

Ductile Iron to BS EN 1563:1997 Symbol EN GJS-450-10

#### Gasket

EPDM compound Grade E to BS EN 681-1:1996, Type WA, WC  
Nitrile compound to Grade G BS EN 682:2002, Type G

#### Tee Bolts/Bolts

Steel to BS EN ISO 898-1:1999 Property Class 4.8

#### Nuts

Steel to BS EN 4190:2001 Grade 4

#### Washers

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



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