

Grooved Pipe



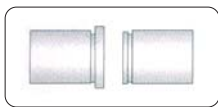
Gasket



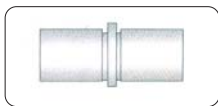
Lubricate the gasket



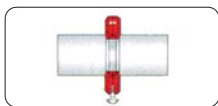
Slide another pipe end



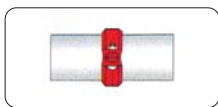
Close another pipe end



Slide another pipe end into the gasket

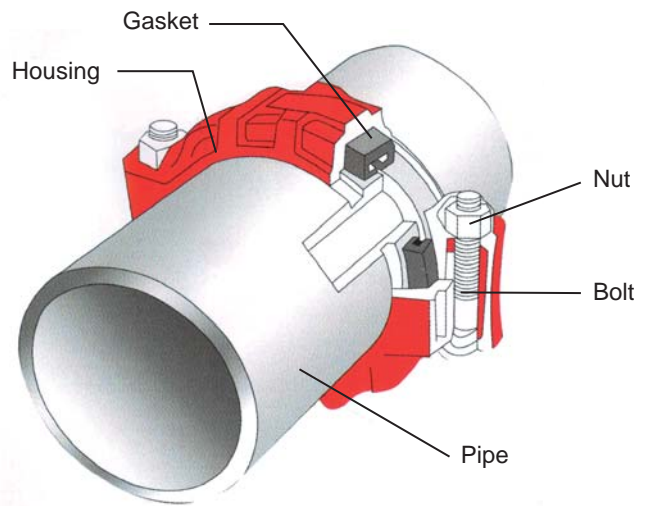


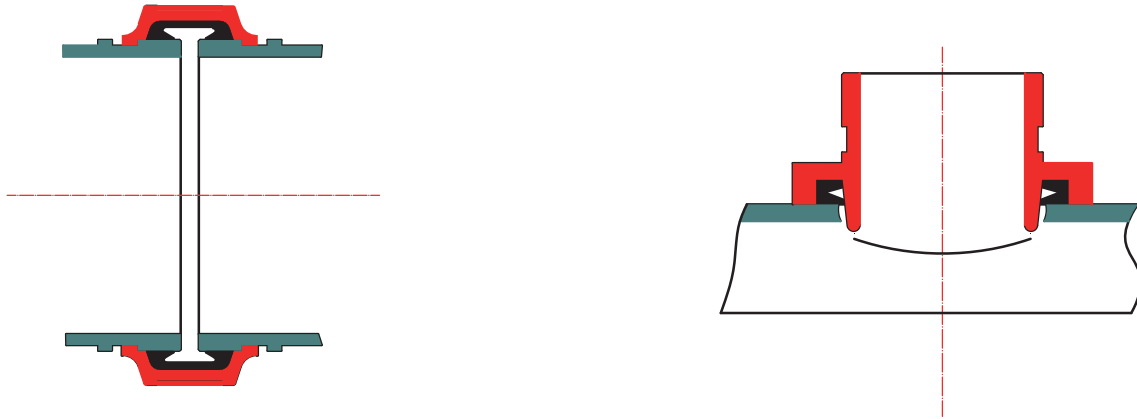
Place the housings over the gasket



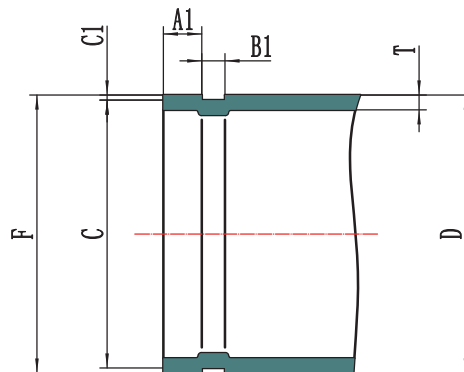
Tighten the bolts and nuts

Pipe
Preparation





Nominal Diameter	O.D/in	O.D/mm	A1	B1	C1	C (mm)		T	F
						Basic Size	Tolerance		
mm	mm	mm	mm	mm	mm			mm	mm
DN25	1"	33.7	15.9	7.2	1.6	30.2	-0.38	1.8	34.5
DN32	1 1/4"	42.4	15.9	7.2	1.6	39	-0.38	1.8	43.3
DN40	1 1/2"	48.3	15.9	7.2	1.6	45.1	-0.38	1.8	49.4
DN50	2"	60.3	15.9	8.8	1.6	57.2	-0.38	1.8	62.2
DN65	2 1/2"	73	15.9	8.8	2	69.1	-0.46	2.3	75.2
DN65	2 1/2"	76.1	15.9	8.8	2	72.3	-0.46	2.3	77.7
DN80	3"	88.9	15.9	8.8	2	84.9	-0.46	2.3	90.6
DN100	4"	108	15.9	8.8	2.1	103.7	-0.51	2.3	109.7
DN100	4"	114.3	15.9	8.8	2.1	110.1	-0.51	2.3	116.2
DN125	5"	133	15.9	8.8	2.1	129.1	-0.51	2.9	134.9
DN125	5"	139.7	15.9	8.8	2.1	135.5	-0.51	2.9	141.7
DN125	5"	141.3	15.9	8.8	2.1	137	-0.56	2.9	143.5
DN150	6"	159	15.9	8.8	2.2	154.5	-0.56	2.9	161
DN150	6"	165.1	15.9	8.8	2.2	160.9	-0.56	2.9	167.1
DN150	6"	168.3	15.9	8.8	2.2	164	-0.56	2.9	170.7
DN200	8"	219.1	19.1	11.9	2.4	214.4	-0.64	2.9	221.5
DN250	10"	273	19.1	11.9	2.4	268.3	-0.69	3.6	275.4
DN300	12"	323.9	19.1	11.9	2.8	318.3	-0.76	4	326.2
DN350	14"	355.6	23.8	11.9	2.8	350	-0.7	4.5	359



Extra degrees of deflection angular is allowed for flexible coupling, but when the flexible coupling is assembled, the value must be no more than the maximum degree.

Norminal Diameter	O.D/in	O.D/mm	Max Deflection Angular
DN25	1"	33.7	2.3
DN32	1 ¹ / ₄ "	42.4	2.3
DN40	1 ¹ / ₂ "	48.3	2.3
DN50	2"	60.3	2.3
DN65	2 ¹ / ₂ "	73	1.9
DN65	2 ¹ / ₂ "	76.1	1.9
DN80	3"	88.9	1.6
DN100	4"	108	1.7
DN100	4"	114.3	1.6
DN125	5"	133	1.4
DN125	5"	139.7	1.3
DN125	5"	141.3	1.3
DN150	6"	159	1.2
DN150	6"	165.1	1.1
DN150	6"	168.3	1.1
DN200	8"	219.1	0.8
DN250	10"	273	0.7
DN300	12"	323.9	0.6
DN350	14"	355.6	0.5

To ensure valid seal property, the torque of the bolts must be within the scope of the demands, Too big torque will damage the bolts and housing, too small torque will cause leakage.

Bolt	Torque(N*M)
M8(5/16)	25-30
M10(3/8)	60-70
M12(1/2)	90-100
M14(9/16)	135-150
M16(5/8)	200-230
M20(3/4)	270-300
M22(7/8)	270-300