



TOGGLE JOINTS FOR GROOVED STEEL PIPES

Toggle Joint couplings are designed to provide a quick make-and-break joint. Housings are hinged for one-piece handling.



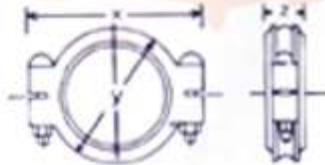
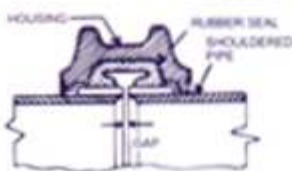
Dimensions for Toggle Joints for Grooved Steel Pipes

PIPE SIZE		OVERALL DIMENSIONS IN mm (APPROX).			Approximate Weight Kg.	Working Pressure MPa
Nominal Bore	O.D.	X ± 5	Y ± 5	Z ± 2		
50	60.3	129	94	46.0	1.0	1.0
80	88.9	160	121	46.0	1.5	1.0
100	114.3	201	156	52.5	2.5	1.0
150	168.3	256	214	52.5	3.5	1.0

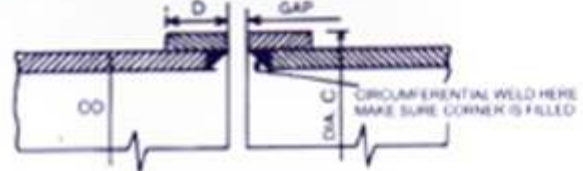
'NMC' SHOULDER TYPE STANDARD BOLTED JOINTS

'NMC' Shouldered Joints are advocated where there is substantial abrasion in the piping system and reduction in the pipe thickness is not desirable. Rings, welded on the pipe ends, enable the use of this versatile pipe jointing methods.

SHOULDER COUPLING



WELD-ON RING



Dimensions for Shoulder type Standard Bolted Joints

PIPE SIZE		JOINT PARTICULARS					WELD-ON RING			
Normal Bore	O.D.	Overall Dimensions			Bolts		approx. Weight Kg.	Test Pressure Mpa	Dia of Shoulder 'C' mm	Length of Shoulder 'D' mm
		X	Y	Z	Diameter	Length				
mm	mm	mm	mm	mm	in	mm				
40	48.3	122	87	44	1/2	62	1.2	4.1	54.0	16.0
50	60.3	144	100	46	1/2	62	1.5	4.1	66.5	16.0
65	76.1	162	119	46	1/2	70	2.0	4.1	82.5	16.0
80	88.9	184	137	48	5/8	83	2.5	4.1	97.0	16.0
100	114.3	129	167	51	5/8	90	3.5	4.1	122.0	17.5
125	139.7	254	204	52	5/8	90	6.0	3.4	147.5	17.5
150	165.1	290	236	52	5/8	90	7.4	2.7	174.5	17.5
150	168.3	293	239	52	5/8	90	7.7	2.7	178.0	17.5
200	219.1	366	300	64	3/4	140	13.0	2.7	232.0	20.5
250	273.0	425	356	64	3/4	140	17.0	2.7	286.0	20.5
300	323.9	482	406	64	3/4	140	20.0	2.7	336.5	20.5
350	355.6	506	436	76	1	180	24.0	1.7	368.5	24.0
400	406.4	564	496	76	1	180	30.0	1.5	419.0	25.5
450	457.0	614	552	76	1	180	35.0	1.3	470.0	25.5
500	508.0	692	608	76	1	180	40.0	1.2	520.5	25.5
550	559.0	752	662	76	1	180	42.0	1.0	571.5	25.5
600	609.6	786	714	76	1	180	44.0	1.0	622.5	25.5