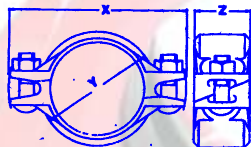


GE RIGID COUPLING STYLE 07

NMC Style - 07 Couplings provide rigidity, and can be incorporated in any system rolled groove or cut groove to take Full advantage of this Feature. Wider key sections fill up more of groove areas.

NMC coupling with its unique angle pad design adjusts to positive clamping of the pipe for rigidity. Available in Sizes DN 25-DN 600.



Dimensions for Grooved Coupling Style 07

Pipe Size		Overall dimensions				Bolt/Nut		Joint Particulars	
Nominal Bore		O.D. mm	x mm	y mm	z mm	No.	Size Dia x Length In x mm	Approx Weight kg	Working Pressure Bar
in	mm								
1	25	33.7	102	62	47	2	3/8 x 50	0.7	52
1.25	32	42.4	105	66	47	2	3/8 x 50	0.7	52
1.5	40	48.3	122	75	47	2	3/8 x 50	0.7	52
2	50	60.3	141	81	47	2	1/2 x 62	1	52
2.5	65	73.0	144	98	47	2	1/2 x 70	1.2	52
2.5	80	76.1	146	108	47	2	1/2 x 70	1.4	52
3	100	88.9	173	116	47	2	1/2 x 70	1.4	52
4	125	114.3	210	148	52	2	1/2 x 70	2.2	52
5	125	139.7	239	176	52	2	5/8 x 83	3.4	52
5	150	141.3	248	179	52	2	5/8 x 83	3.4	52
6	150	165.1	273	203	52	2	5/8 x 83	3.4	48
6	150	168.3	273	203	52	2	5/8 x 83	4	48
8	200	219.1	343	260	64	2	3/4 x 108	6.8	42
10	250	273.0	426	327	65	2	7/8 x 165	12	35
12	300	323.9	470	378	65	2	7/8 x 165	12	28
14	350	355.6	502	411	75	3	7/8 x 127	15	21
16	400	406.4	553	467	75	3	7/8 x 127	19	21
18	450	457.0	606	526	78	3	7/8 x 127	25	21
20	500	508.0	695	584	78	4	1 x 127	30.5	21
24	600	610.0	800	689	79	4	1 x 127	35	17

MATERIAL SPECIFICATION

FOR GE COUPLING STYLE 75, 77, 07 SHOULDER & TOGGLE

Housing

SG Ductile Iron or Malleable Cast Iron	B.S. Specification BS EN 1563:1997 BS EN 1562	B.I.S. Specification IS 1865:2000 IS 14329:2000
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Gaskets: EPDM Compound Grade 'E' to BS EN 681-1:1996 suitable for water, sewage, many strong oxidizing chemicals & food applications
or Nitrile compound Grade 'G' to BS:2494:1990 Grade G suitable for natural gas, petroleum products. Low aromatic fuels, compressed air, sewage & drainage.

Bolts & Nuts Steel fastener to Grade 6.8 (SS available on request)

Finish Orange primer as standard other finish like Fusion bonded Epoxy powder coating, RILSAN Coating and galvanized on request.



PIPE WEIGHT AND CUT GROOVING DIMENSIONS

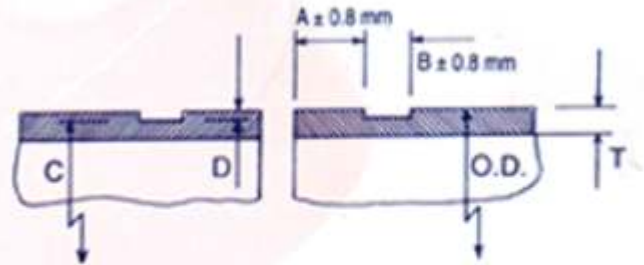
Tolerance on Pipe O.D. At land :

Upto 250 mm nom. Size : + 0.8 mm -0.4 mm
Over 250 mm nom. Size : + 1.2 mm - 0.8 mm

Squareness of pipe ends

Up to 90 mm nom. Size 0.8 mm
100 to 150 mm nom. Size 1.2 mm
Over 150 mm nom. Size 1.6 mm

Max deviation from
Square, cut ends



'D' is nominal depth of groove.

PIPE WEIGHT				CUT GROOVING DIMENSIONS							
NOM	O.D.	THICK	WT	MINIMUM	Land	Groove	Groove	Tolerance		Maximum	Maximum
SIZE	mm	NESS	Kg/m.	T	A	Width	Diameter	on	Nom	Angle	Deflection
				mm	mm	B	C	C	D	each	mm
						mm	mm	mm	mm	Joint	per 5 m
20	26.7	3.25	1.90	2.6	16.0	8.0	23.8	+0-0.4	1.6	6°05'	590
25	33.4	4.05	3.00	3.4	16.0	8.0	30.2	+0-0.4	1.6	5°26'	462
32	42.2	4.05	3.80	3.6	16.0	8.0	39.0	+0-0.4	1.6	4°19'	377
40	48.3	4.05	4.40	3.7	16.0	8.0	45.1	+0-0.4	1.6	3°46'	329
50	60.3	4.47	6.10	3.9	16.0	8.0	57.2	+0-0.4	1.6	3°01'	262
65	73.0	4.47	7.80	4.5	16.0	8.0	69.1	+0-0.5	2.0	2°29'	217
65	76.0	4.47	7.90	4.5	16.0	8.0	72.3	+0-0.5	2.0	2°23'	208
80	88.9	4.85	10.10	4.8	16.0	8.0	84.9	+0-0.5	2.0	2°03'	179
90	101.6	4.85	11.50	4.8	16.0	8.0	97.4	+0-0.5	2.1	1°48'	157
100	114.3	5.40	14.40	5.4	16.0	9.5	110.1	+0-0.5	2.1	3°11'	277
125	139.3	5.40	17.80	5.4	16.0	9.5	135.5	+0-0.6	2.1	2°36'	227
125	141.3	5.40	18.00	5.4	16.0	9.5	137.0	+0-0.6	2.1	2°35'	225
150	165.1	5.40	21.20	5.4	16.0	9.5	160.9	+0-0.6	2.1	2°12'	192
150	168.3	5.40	21.60	5.4	16.0	9.5	164.0	+0-0.6	2.1	2°10'	190
200	219.1	5.60	29.30	5.4	19.0	11.0	214.4	+0-0.6	2.3	1°40'	146
225	244.5	6.00	35.00	5.9	19.0	11.0	240.3	+0-0.6	2.4	1°29'	128
250	273.0	7.01	41.70	6.4	19.0	12.7	268.3	+0-0.7	2.4	1°20'	117
300	323.9	7.94	55.50	7.1	19.0	12.7	318.3	+0-0.8	2.8	1°07'	98
350	355.6	7.94	68.00	7.1	23.8	12.7	350.0	+0-0.8	2.8	1°01'	90
400	406.4	9.53	93.00	8.0	23.8	12.7	400.8	+0-0.8	2.8	0°54'	77
450	457.0	9.53	105.00	8.0	25.4	12.7	451.6	+0-0.8	2.8	0°48'	69
500	508.0	9.53	117.00	8.0	25.4	12.7	502.4	+0-0.8	2.8	0°43'	62
550	559.0	9.53	129.00	9.5	25.4	14.3	551.6	+0-0.8	4.4	0°39'	57
600	610.0	12.70	187.00	11.1	25.4	14.3	600.9	+0-0.8	4.4	0°36'	52