

HEAVY DUTY FLEXIBLE COUPLING

Model 1212



Designed for use in a variety of general piping applications of moderate or high pressure services. Working pressure is usually dictated by the wall thickness and rating of the pipe being used. The Model 1212 couplings feature flexibility that can deal with misalignment, distortion, thermal stress, vibration and noise and also resist seismic tremors. With the use of Model 1212 couplings you can even design a curved layout. Sizes available: 1-1/4' to 12" (32mm-300mm)

Call for Pricing and Availability

Pipe Material

- Carbon steel, Schedule 10, Schedule 40.

Maximum Working Pressure

- Up to 500 psi/35 bar

Function

- Joins carbon steel pipe.
- Provides a rigid pipe joint designed to restrict axial or angular movement.

CERTIFICATIONS/LISTINGS

Underwriters Laboratories, Underwriters Laboratories Canada, Factory Mutual.

SPECIFICATIONS - MATERIAL

Housing Sections: Ductile Iron conforming to ASTM A 536, Grade 65-45-12.

Housing Coating:

Standard: Orange Enamel

Available: Hot Dipped Galvanized

Gasket:

Standard: Grade E EPDM (Type A)

ARGCO's products are listed by Underwriters Laboratories UL Canada and Approved by Factory Mutual for we and dry (oil free air) sprinkler services within the rated working pressure.

Bolts and Nuts

Standard: Carbon Steel oval neck track bolts meeting ASTM A449 and ISO 898-1. Carbon steel hex nuts meet ASTM A563 Grade B.

Nuts and Bolts are zinc electroplated per ASTM B633 NZ/FE5, finish Type III.

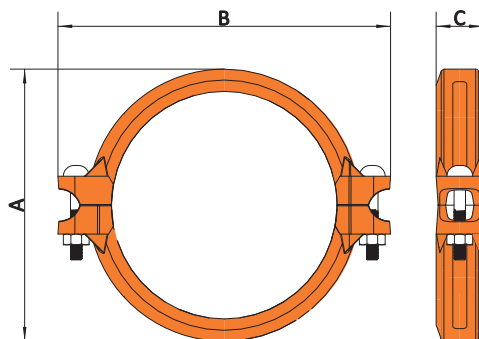
Available: Stainless Steel. Meets ASTM F593, Group 2 (316 stainless steel), condition CW.

Hex nuts meets ASTM F594, Group 2 (316 stainless steel), condition CW, with galling-resistant coating.

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	

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Nominal Size in/mm	Actual OD in/mm	Max. End Load Lbs/KN	Axial Displacement in/mm	Angular Movement		Dimensions			Bolt Size in
				Per Coupling Degree (°)	Per Pipe in/ft	A inches mm	B inches mm	C inches mm	
1-1/4"	1.669"	356	0.025"	2°-10'	0.46	2.50"	4.23"	1.77"	3/8" x 1-3/4"
32	32	2.92	1.6		38	63.5	107.5	45	M10 x 45
1-1/2"	1.9"	852	0.025"	1°-54'	0.4	2.72"	4.49"	1.77"	3/8" x 1-3/4"
40	48.3	3.79	1.6		33	69	114	45	M10 x 45
2"	2.375"	2212	0.025"	1°-31'	0.32	3.27"	4.88	1.81"	3/8" x 2-1/8"
50	60.3	9.84	1.6		27	83	124"	46	M10 x 55
2-1/2"	2.875"	3523	0.025"	1°-15'	0.26	4.00"	5.71"	1.85"	1/2" x 2-5/8"
65	73	15.68	1.6		22	101.6	145	47	M12 x65
3"	3"	4808	0.025"	1°-12'	0.22	4.57"	6.38"	1.85"	1/2" x 2-3/4"
80	76.1	21.39	1.6		18	116	162	47	M12 x 70
4"	4.5"	7948	0.125"	1°-02'	0.34	5.67"	7.64"	2.01"	1/2" x 2-3/4"
100	114.3	35.36	3.2		28	144	194	51	M12 x 70
5"	5.5"	11874	0.125"	1°-36'	0.28	6.73"	9.06"	2.05"	5/8" x 3-1/4"
125	139.7	52.83	3.2		23	171	230	52	M16 x 85
6"	6.5"	14920	0.125"	1°-07'	0.24	7.8"	10.24"	2.09"	5/8" x 3-1/4"
150	165.1	66.33	3.2		20	198	260	53	M16 x 85
8"	8.515"	28865	0.125"	0°-51'	0.18	10.43"	13.23"	2.48"	3/4" x 4-1/4"
200	216.3	126.64	3.2		15	265	336	63	M20 x 110
10"	10.527"	43502	0.125"	0°-41'	0.15	12.48"	15.87"	2.60"	7/8" x 4-1/2"
250	267.4	193.55	3.2		12	317	403	66	M22x 140
12"	12.539"	61718	0.125"	0°-35'	0.12	14.76"	18.23"	2.60"	7/8" x 4-1/2"
300	318.5	274.59	3.2		10	375	463	66	M22x 140

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