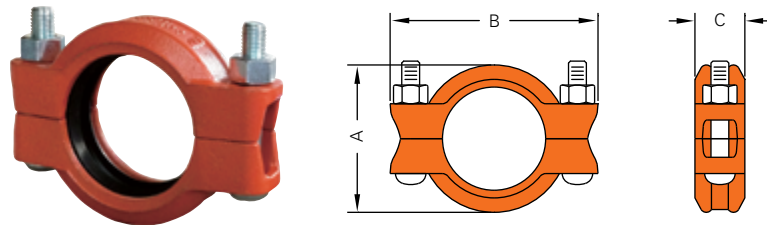
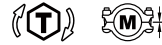


## Model XH-1000 Extra Heavy Rigid Coupling

The Shurjoint Model XH-1000 is an extra heavy rigid coupling designed for high pressure services up to 1000 psi (70 Bar). This coupling is painted orange and is supplied with a standard C-shaped gasket and heavy duty bolts and nuts. The Model XH-1000 can be installed on standard roll or

cut grooved pipes or components. Sizes 2" through 4" require a bolt torque of 60 - 70 Lbs-Ft. with some bolt gaps. For sizes 6" and above, the bolt pads will make metal to metal contact when properly installed with no torque wrench required.



Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Max. End Load (CWP)	Axial Displacement †	Dimensions			Bolt		Weight
					A	B	C	No.	Size	
in	in	PSI	Lbs	in	in	in	in	No.	in	Lbs
mm	mm	Bar	kN	mm	mm	mm	mm			Kgs
2	2.375	1000	4420	0 ~ 0.14	3.50	5.71	1.92	2	5/8 x 2 3/4	3.4
50	60.3	69	19.98	0 ~ 3.6	90	145	49			1.6
2 1/2	2.875	1000	6480	0 ~ 0.14	4.02	6.61	1.92	2	5/8 x 2 3/4	3.8
65	73.0	69	29.28	0 ~ 3.6	102	168	49			1.7
3	3.500	1000	9610	0 ~ 0.14	4.86	7.40	1.92	2	5/8 x 2 3/4	4.8
80	88.9	69	43.43	0 ~ 3.6	123	188	49			2.2
4	4.500	1000	15890	0 ~ 0.25	6.09	8.74	2.10	2	3/4 x 4 3/4	8.4
100	114.3	69	71.79	0 ~ 6.4	155	222	53			3.8
6	6.625	1000	34450	0 ~ 0.25	8.58	11.61	2.25	2	7/8 x 5 1/2	17.6
150	168.3	69	155.65	0 ~ 6.4	218	295	57			8.0
8	8.625	800	46710	0 ~ 0.25	10.83	14.33	2.75	2	1 x 5 1/2	24.0
200	219.1	55	207.26	0 ~ 6.4	275	364	70			10.9
10	10.750	800	72570	0 ~ 0.25	13.15	16.70	2.95	2	1 x 5 1/2	31.2
250	273.0	55	321.78	0 ~ 6.4	334	424	75			14.2
12	12.750	800	102080	0 ~ 0.25	15.35	18.90	2.95	2	1 x 5 1/2	36.7
300	323.9	55	452.95	0 ~ 6.4	390	480	75			16.7

\* Working Pressure is based on roll grooved standard wall carbon steel pipe. Stated pressure ratings have been developed with a safety factor. Please see Shurjoint's 2017 online installation instructions for most recently updated instructions. Proper installation is important to proper performance

† Allowable Axial Displacement and Angular Movement (deflection) figures are for roll grooved standard steel pipe. Values for cut grooved pipe will be double that of roll grooved. These values are maximums; for design and installation purposes these figures should be reduced by: 50% for 3/4" - 3 1/2"; 25% for 4" and larger to compensate for jobsite conditions.



Sizes 2" through 4" require a bolt torque of 60 - 70 Lbs-Ft (80 - 95 Nm). Normally you can see some gaps between the bolt pads. Bolt pad gaps should be equal on both sides of the coupling.



Sizes 6" through 12" are designed to make a metal-to-metal contact when properly installed.