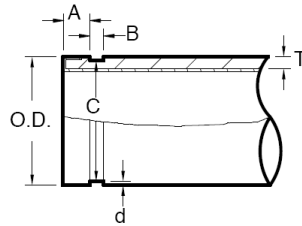


Groove Spec for XH-70EP Coupling

“EP” End Protection Cut Groove Dimensions for XH-70EP Couplings



“EP” End Protection Cut Groove Dimensions

Nominal Size	Pipe O.D.		Gasket Seat A		Groove Width B		Groove dia. C.		Grv. Depth d (ref.)	Min. Allow Wall Thickness T	
	Basic	Tolerance		Cut Groove		Cut Groove		E			Size
		+	-	Basic	Tol. ±	Basic	Tol. +0.010 / +0.25	Basic			Tol. +0 / +0
in	in	in	in	in	in	in	in	in	in	in	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
2	2.375	+0.024	-0.024	0.562	±0.010	0.255	-0.005	2.250	-0.015	0.063	0.154
50	60.3	+0.61	-0.61	14.27	±0.25	6.48	-0.13	57.15	-0.38	1.60	3.91
2½	2.875	+0.029	-0.029	0.562	±0.010	0.255	-0.005	2.720	-0.018	0.078	0.188
65	73.0	+0.74	-0.74	14.27	±0.25	6.48	-0.13	69.09	-0.46	1.98	4.78
3	3.500	+0.035	-0.031	0.562	±0.010	0.255	-0.005	3.344	-0.018	0.078	0.188
80	88.9	+0.89	-0.79	14.27	±0.25	6.48	-0.13	84.94	-0.46	1.98	4.78
4	4.500	+0.045	-0.031	0.605	±0.015	0.305	-0.005	4.334	-0.020	0.083	0.203
100	114.3	+1.14	-0.79	15.37	±0.38	7.75	-0.13	110.08	-0.51	2.11	5.16
6	6.625	+0.063	-0.031	0.605	±0.015	0.305	-0.005	6.455	-0.022	0.085	0.219
150	168.3	+1.60	-0.79	15.37	±0.38	7.75	-0.13	163.96	-0.56	2.16	5.56
8	8.625	+0.063	-0.031	0.714	±0.015	0.400	-0.010	8.441	-0.025	0.092	0.238
200	219.1	+1.60	-0.79	18.14	±0.38	10.16	-0.25	214.40	-0.64	2.34	6.05
10	10.750	+0.063	-0.031	0.714	±0.015	0.400	-0.010	10.562	-0.027	0.094	0.250
250	273.0	+1.60	-0.79	18.14	±0.38	10.16	-0.25	268.28	-0.69	2.39	6.35
12	12.750	+0.063	-0.031	0.714	±0.015	0.400	-0.010	12.531	-0.030	0.109	0.279
300	323.9	+1.60	-0.79	18.14	±0.38	10.16	-0.25	318.29	-0.76	2.77	7.09

1. EP cut-grooves are connected with Shurjoint XH-70EP couplings only. Do not roll groove pipe, which can damage the coating or lining and or create flared pipe ends.
2. Always use plain-end square cut pipe. Do not use beveled end pipe.
3. Always use an EP gasket with an XH-70EP coupling. Do not use a standard gasket.
4. The gasket seating area shall be free from deep scores, marks, or ridges that could prevent a positive seal.

Note: Shurjoint reserves the right to change specifications, designs and or standard equipment without notice and without incurring any obligations.