

Component of State of California
 OSHPD Approved Seismic
 Restraints System

Fig. 5 - Standard Double Bolt Pipe Clamp

Size Range — 1/2" thru 36" pipe.

Material — Carbon Steel

Function — Recommended for the suspension of pipe requiring up to 4" of insulation and where flexibility of the clamp may be necessary. Use

Fig. 330 Weldless Eye Nut, Fig. 102 Eye Rod or Fig. 101 Welded Eye Rod. Also recommended for the attachment of sway bracing up to 8 inches. Refer to TOLCO® State of California Approved Seismic Restraint Product Manual.

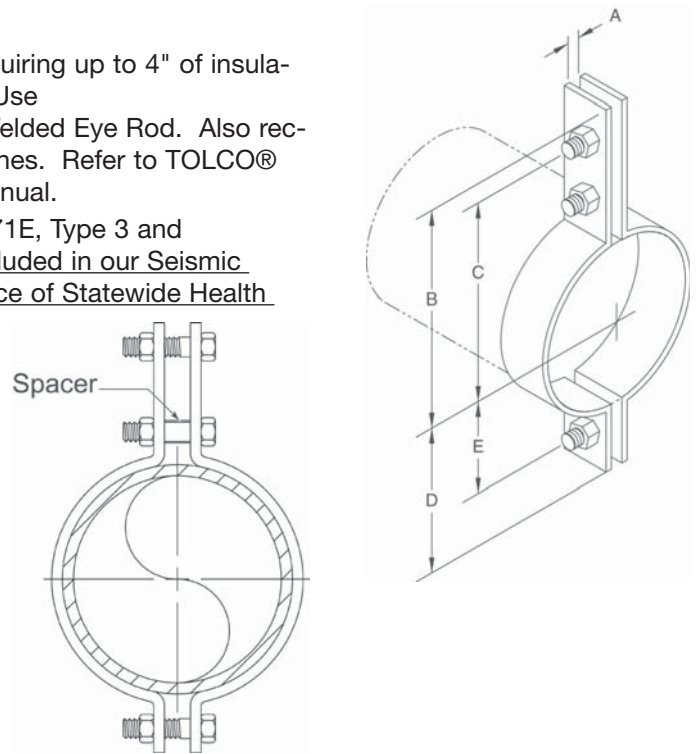
Approvals — Conforms to Federal Specification WW-H-171E, Type 3 and Manufacturers Standardization Society SP-69, Type 3. Included in our Seismic Restraints Catalog approved by the State of California Office of Statewide Health Planning and Development (OSHPD). For additional load, spacing and placement information relating to OSHPD projects, please refer to the TOLCO Seismic Restraint Systems Guidelines.

Maximum Temperature — 750°F

Finish — Plain

Note — Available in Electro-Galvanized and HDG finish or Stainless Steel materials.

Order By — Figure number, pipe size and finish.



Dimensions • Weights

Pipe Size	A	B	C	D	E	Bolt Size	Max. Design Load Lbs.		
							For Service Temp. 650°	750°F	Approx. Wt./100
1/2	3/8	2 ¹³ / ₁₆	2 ¹³ / ₁₆	1 ¹ / ₂	7/8	3/8	950	—	73
3/4	5/8	3	2 ³ / ₈	1 ¹¹ / ₁₆	1 ¹ / ₁₆	3/8	950	—	73
1	5/8	3 ¹ / ₄	2 ⁵ / ₈	1 ¹⁵ / ₁₆	1 ⁵ / ₁₆	3/8	950	—	77
1 ¹ / ₄	5/8	3 ¹ / ₂	2 ⁷ / ₈	2 ³ / ₁₆	1 ⁹ / ₁₆	3/8	950	—	79
1 ¹ / ₂	1	5 ³ / ₈	4 ¹ / ₂	2 ⁵ / ₈	1 ³ / ₄	5/8	1545	1380	236
2	1	5 ¹³ / ₁₆	4 ¹⁵ / ₁₆	2 ¹⁵ / ₁₆	2 ¹ / ₁₆	5/8	1545	1380	251
2 ¹ / ₂	1	6 ¹ / ₈	5 ¹ / ₄	3 ¹ / ₄	2 ³ / ₈	5/8	1545	1380	274
3	1	6 ³ / ₄	5 ⁷ / ₈	3 ⁵ / ₈	2 ¹¹ / ₁₆	5/8	1545	1380	289
3 ¹ / ₂	1	7 ³ / ₁₆	6 ⁵ / ₁₆	3 ⁷ / ₈	3	5/8	1545	1380	315
4	1	7 ³ / ₄	6 ⁵ / ₈	4 ¹¹ / ₁₆	3 ⁹ / ₁₆	3/4	2500	2230	745
5	1	8 ⁹ / ₁₆	7 ⁷ / ₁₆	5 ⁵ / ₁₆	4 ³ / ₁₆	3/4	2500	2230	828
6	1 ¹ / ₂	9 ⁷ / ₈	8 ¹ / ₂	6 ¹ / ₈	4 ³ / ₄	7/8	2865	2555	1261
8	1 ¹ / ₂	11	9 ⁵ / ₈	7 ⁵ / ₁₆	5 ¹⁵ / ₁₆	7/8	2865	2555	1535
10	1 ¹ / ₂	12	10 ¹ / ₂	8 ⁷ / ₈	7 ⁵ / ₁₆	1	3240	2890	2173
12	1 ¹ / ₂	13 ¹ / ₈	11 ⁵ / ₈	9 ¹⁵ / ₁₆	8 ⁷ / ₁₆	1	3240	2890	2404
14	2	14 ⁵ / ₁₆	12 ⁹ / ₁₆	11 ⁵ / ₁₆	9 ⁹ / ₁₆	1 ¹ / ₄	4300	3835	4002
16	2	15 ⁹ / ₁₆	13 ¹³ / ₁₆	12 ⁹ / ₁₆	10 ⁹ / ₁₆	1 ¹ / ₄	4300	3835	4362
18	2	16 ⁷ / ₈	15 ¹ / ₈	13 ³ / ₈	11 ⁵ / ₈	1 ¹ / ₄	4300	3835	4935
20	2	18 ¹ / ₄	16 ³ / ₈	15 ¹ / ₈	13 ¹ / ₄	1 ³ / ₈	5490	4900	6570
24	2	20 ⁷ / ₁₆	18 ⁷ / ₁₆	17 ⁵ / ₁₆	15 ⁵ / ₁₆	1 ³ / ₈	4500	4015	7524
30	2 ¹ / ₂	26	23	22	19	1 ³ / ₈	7500	—	19502
36	2 ¹ / ₂	32 ³ / ₈	28 ⁷ / ₈	25 ⁵ / ₈	22 ¹ / ₈	1 ³ / ₄	10500	—	23488

Based on allowable stresses shown in the ANSI code for pressure piping.

Fig. 5H - Heavy Duty Double Bolt Pipe Clamp

Size Range — 6" thru 36" pipe.

Material — Carbon Steel

Function — Recommended for the suspension of heavy duty high temperature pipe runs requiring up to 4" of insulation and where flexibility of the clamp may be necessary. Use with Fig. 330 Weldless Eye Nut, Fig. 102 Eye Rod or Fig. 101 Welded Eye Rod.

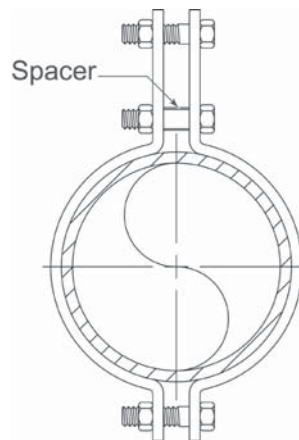
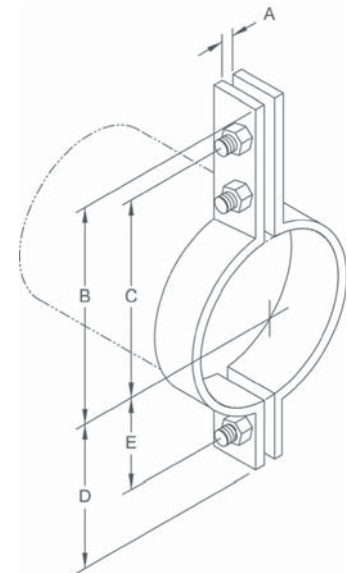
Approvals — Conforms to Federal Specification WW-H-171E, Type 3 and Manufacturers Standardization Society SP-69, Type 3.

Maximum Temperature — 750°F

Finish — Plain

Note — Available in Electro-Galvanized and HDG finish or Stainless Steel materials.

Order By — Figure number, pipe size and finish.



Dimensions • Weights

Pipe Size	A	B	C	D	E	Bolt Size	Max. Design Load Lbs.		Approx. Wt./100
							For Service Temp. 650°	750°F	
6	1 $\frac{3}{4}$	10 $\frac{3}{16}$	8 $\frac{15}{16}$	6	4 $\frac{3}{4}$	1	3500	3125	1200
8	2	11 $\frac{3}{8}$	10 $\frac{1}{8}$	7 $\frac{1}{4}$	6	1 $\frac{1}{8}$	4800	4285	1850
10	2 $\frac{1}{4}$	13 $\frac{1}{8}$	11 $\frac{3}{8}$	9	7 $\frac{1}{4}$	1 $\frac{1}{4}$	5500	4910	3030
12	2 $\frac{1}{2}$	14 $\frac{5}{16}$	12 $\frac{9}{16}$	10 $\frac{3}{8}$	8 $\frac{5}{8}$	1 $\frac{3}{8}$	7000	6250	4200
14	2 $\frac{1}{2}$	15 $\frac{1}{2}$	13 $\frac{1}{2}$	11 $\frac{5}{8}$	9 $\frac{5}{8}$	1 $\frac{1}{2}$	9500	8485	6000
16	3	17 $\frac{1}{8}$	14 $\frac{7}{8}$	13 $\frac{1}{8}$	10 $\frac{7}{8}$	1 $\frac{3}{4}$	10000	8930	8000
18	3 $\frac{1}{2}$	18 $\frac{1}{4}$	16 $\frac{1}{4}$	14 $\frac{1}{2}$	12 $\frac{1}{2}$	2	13800	12325	11500
20	3 $\frac{1}{2}$	19 $\frac{3}{4}$	17 $\frac{1}{4}$	16	13 $\frac{1}{2}$	2	15300	13665	14000
24	3 $\frac{1}{2}$	22 $\frac{3}{8}$	19 $\frac{5}{16}$	18 $\frac{1}{2}$	15 $\frac{1}{2}$	2	16300	14555	19000
30	4 $\frac{1}{4}$	32 $\frac{3}{4}$	28 $\frac{1}{4}$	24 $\frac{3}{8}$	19 $\frac{7}{8}$	2 $\frac{1}{4}$	20500	—	40600
36	4 $\frac{1}{2}$	40 $\frac{1}{4}$	34 $\frac{3}{4}$	30 $\frac{1}{8}$	22 $\frac{5}{8}$	2 $\frac{3}{4}$	28000	—	67800

Based on allowable stresses shown in the ANSI code for pressure piping.