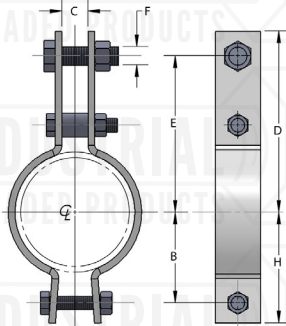




FIG. 189A
ALLOY DOUBLE BOLT PIPE CLAMP



Manufactured in the USA



Material: Alloy steel (ASTM A387 grade 22).
Finish: Plain.
Service: Designed for suspension of high temperature insulated pipe lines, maximum temperature is 1,050°F.
Approvals: Complies with Federal Specifications WW-H-171-E (Type# 3), A-A-1192 A (Type# 3), and MSS SP-58 and SP-69 (Type# 3).
Ordering: Specify pipe size and figure number.
Notes: Galvanizing is not recommended for alloy products.

PIPE SIZE	PIPE OD	MATERIAL SIZE	B	C	D	E	H	WEIGHT EACH (lbs)	MAX REC LOAD (lbs) FOR SERVICE TEMP			
									650°F	750°F	1000°F	1050°F
1 1/2	1.900	1/4 x 1 1/4	1 13/16	1 1/16	4 7/8	4 1/8	2 3/8	2.3	1545	1410	1000	745
2	2.375	1/4 x 1 1/4	2 1/8	1 1/16	5 7/8	5 1/8	2 11/16	2.6	1545	1410	1000	745
2 1/2	2.875	1/4 x 1 1/4	2 5/16	1 1/16	6 1/8	5 3/8	2 15/16	2.7	1545	1410	1000	745
3	3.500	1/4 x 1 1/4	2 3/4	1 1/16	6 11/16	5 15/16	3 1/2	3.0	1545	1410	1000	745
4	4.500	3/8 x 2	3 3/8	1 1/16	7 5/8	6 1/2	4 1/2	6.7	2500	2290	1625	1200
5	5.563	3/8 x 2	3 15/16	1 1/16	8 1/8	7	5	7.0	2500	2290	1625	1200
6	6.625	3/8 x 2 1/2	4 3/4	1 7/16	9 15/16	8 9/16	6 1/8	11.5	2865	2620	1860	1380
8	8.625	3/8 x 2 1/2	5 3/4	1 7/16	10 15/16	9 9/16	7 1/8	13.2	2865	2620	1860	1380
10	10.750	1/2 x 2 1/2	7 1/16	1 7/16	12	10 5/8	8 1/4	19.8	3240	2970	2100	1565
12	12.750	1/2 x 2 1/2	8 1/16	1 7/16	12 15/16	11 5/8	9 5/16	22.3	3240	2970	2095	1555
14	14.000	5/8 x 3	9 1/16	2	14 5/16	12 11/16	10 11/16	37.7	4300	3915	2795	2060
16	16.000	5/8 x 3	10 1/16	2	15 5/16	13 11/16	11 11/16	41.4	4300	3915	2795	2060
18	18.000	5/8 x 3	11 1/16	2	16 5/16	14 11/16	12 11/16	44.9	4300	3915	2780	2060
20	20.000	3/4 x 3	12 3/8	2	17 1/2	15 7/8	14	57.3	5490	4995	3550	2635
24	24.000	3/4 x 4	14 3/8	2	19 1/2	17 7/8	16	65.9	4500	4095	2910	2160

Project Information		Approval Stamp
Project:		Notes:
Address:	Contractor:	
Date:	Engineer:	
Approved <input type="checkbox"/>	Approved as Noted <input type="checkbox"/>	Not Approved <input type="checkbox"/>