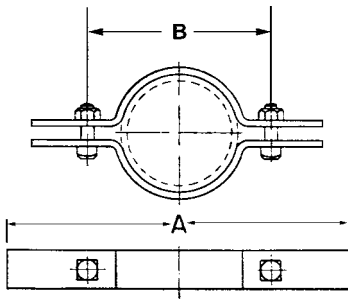


FIG. 50SA SHORT ARM RISER CLAMP

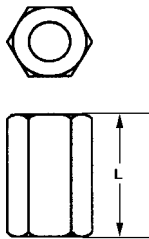


- Material:** Carbon steel.
- Finish:** Plain, electro-galvanized.
- Service:** Designed for supporting and stabilizing vertical pipe runs. Overall length of clamp is shorter than standard to accommodate field requirements.
- Approvals:** Complies with Federal Specification WWH-171-E (Type# 8), A-A-1192A (Type# 8), Manufacturers' Standardization Society SP-58 and MSS SP-69 (Type# 8).
- Ordering:** Specify pipe size, figure number and finish.



PIPE SIZE	PIPE OD	MATERIAL SIZE	BOLT	A	B	WGT EACH (lbs)	MAX REC LOAD (lbs)
1	1.315	8ga x 1.0	$\frac{5}{16}$	$4\frac{11}{16}$	$2\frac{11}{16}$	0.50	170
1 $\frac{1}{4}$	1.660	8ga x 1.0	$\frac{5}{16}$	$5\frac{3}{16}$	$3\frac{3}{16}$	0.58	260
1 $\frac{1}{2}$	1.900	8ga x 1.0	$\frac{5}{16}$	$5\frac{1}{2}$	$3\frac{1}{2}$	0.60	260
2	2.375	8ga x 1.0	$\frac{5}{16}$	6	4	0.6	260
2 $\frac{1}{2}$	2.875	3ga x 1.0	$\frac{3}{8}$	$6\frac{5}{8}$	$4\frac{5}{8}$	1.12	260
3	3.500	3ga x 1.0	$\frac{3}{8}$	$7\frac{5}{16}$	$5\frac{5}{16}$	1.18	260
4	4.500	3ga x 1.0	$\frac{1}{2}$	$8\frac{9}{16}$	$6\frac{9}{16}$	1.54	450
5	5.563	3ga x 1.5	$\frac{1}{2}$	$9\frac{3}{4}$	$7\frac{3}{4}$	2.64	770
6	6.625	3ga x 1.5	$\frac{1}{2}$	$10\frac{7}{8}$	$8\frac{7}{8}$	2.80	770

FIG. 51 ROD COUPLING



- Material:** Carbon steel, 304 stainless steel.
- Finish:** Plain or electro-galvanized.
- Service:** Designed for connecting two lengths of rod with equal diameters.
- Ordering:** Specify rod size, figure number and finish.
- Notes:** Stainless steel rod couplings are recommended for applications where protection from corrosive environment is needed.

SIZE	LENGTH L	HEX WIDTH	WGT EACH (lbs)	MAX REC LOAD (lbs)
$\frac{1}{4}$ -20	$\frac{7}{8}$	$\frac{3}{8}$	.02	230
$\frac{3}{8}$ -16	$1\frac{3}{4}$	$\frac{5}{8}$	.11	610
$\frac{1}{2}$ -13	$1\frac{3}{4}$	$1\frac{1}{16}$	.10	1130
$\frac{5}{8}$ -11	$2\frac{1}{8}$	$1\frac{3}{16}$	.18	1810
$\frac{3}{4}$ -10	$2\frac{1}{4}$	1	.28	2710
$\frac{7}{8}$ -9	$2\frac{1}{2}$	$1\frac{1}{4}$	.55	3770
1-8	$2\frac{3}{4}$	$1\frac{3}{8}$	.71	4960
$1\frac{1}{8}$ -7	3	$1\frac{1}{2}$	.86	6230
$1\frac{1}{4}$ -7	3	$1\frac{5}{8}$	.95	8000
$1\frac{1}{2}$ -6	$3\frac{1}{2}$	2	1.88	11,630