

## Fig. 137SS

## Stainless Steel U-Bolts

**Size Range:** 1/2" through 12"

**Material:** Stainless steel U-bolt and four finished hex nuts

**Finish:** 304 stainless steel

**Service:** Recommended for support, or guide of heavy loads; often employed in power, process plant and marine service.

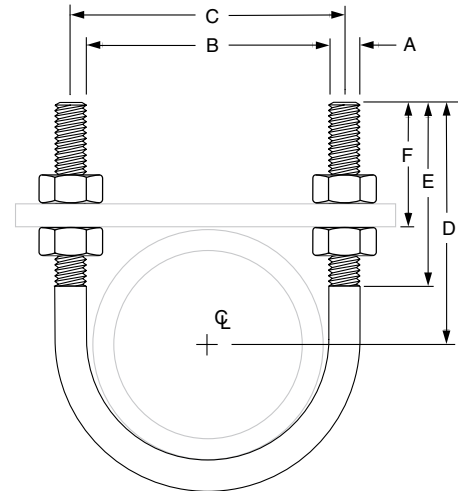
**Approvals:** Complies with Federal Specification A-A-1192A (Type 24), WW-H-171-E (Type 24), ANSI/MSS SP-69 and MSS SP-58 (Type 24).

**Ordering:** Specify pipe size x rod size (e.g., 6 x 5/8), figure number and name. If hex nuts are not required, specify "without hex nuts".



**FIG. 137SS: LOADS (LBS) • WEIGHTS (LBS) • DIMENSIONS (IN)**

Pipe Size	Rod Size A	Max Normal Load		Max Side Load		Wt.	B	C	D	E	F		
		450° F	650° F	450° F	650° F								
1/2	1/4	500	454	120	110	0.11	1 5/16	1 3/16	2 3/4	2 1/8	2 5/16		
3/4						0.12	1 1/8	1 3/8			2 7/32		
1						0.12	1 3/8	1 5/8			2 3/32		
1 1/4	3/8	1,240	1,144	310	280	0.28	1 11/16	2 1/16	2 7/8	2 1/2	2 1/32		
1 1/2						0.30	2	2 3/8			3	2 1/16	
2	1/2	2,300	2,070	570	515	0.33	2 7/16	2 13/16	3 3/4	3	2 1/4		
2 1/2						0.73	2 15/16	3 7/16				3 3/4	2 5/16
3						0.78	3 9/16	4 1/16				4	2 1/4
4						0.90	4 9/16	5 1/16				4 1/2	2 7/32
5	5/8	3,675	3,310	915	825	1.0	5 5/8	6 1/8	5	3 1/2	2 13/16		
6						2.0	6 3/4	7 3/8				6 1/8	
8						2.3	8 3/4	9 3/8				7 1/8	
10	3/4	5,490	4,940	1,370	1,235	4.9	10 7/8	11 5/8	8 3/8	4	3		
12	7/8	8,400	7,560	2,115	1,905	7.7	12 7/8	13 3/4	9 5/8	4	3 1/4		



\*When the combination of a normal load and a side load occurs, a straight line interaction formula may be used to determine if the Fig. 137 is still within the allowable stress range:

$$P_n/P_{na} + P_s/P_{sa} \leq 1$$

Where:

P<sub>n</sub> = actual applied normal load;

P<sub>na</sub> = allowable normal load for the Fig. 137;

P<sub>s</sub> = actual applied side load;

P<sub>sa</sub> = allowable side load for the Fig. 137

Nuts must be snug tight in installation to achieve side loads shown.

PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			