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".

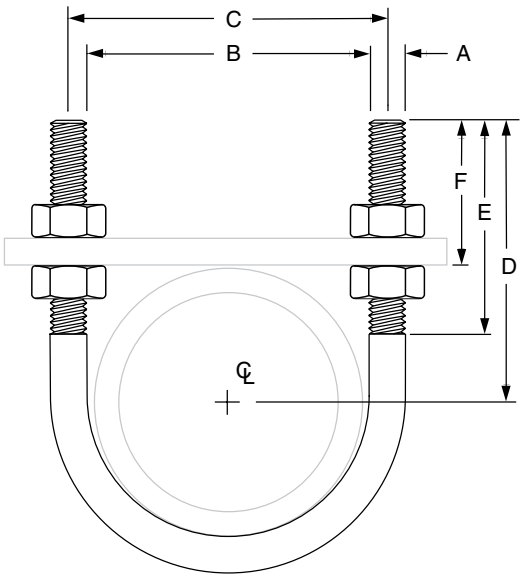

FIG. 137SS: LOADS (LBS) • WEIGHTS (LBS) • DIMENSIONS (IN)

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						
½	¼	500	454	120	110	0.11	15/16	1 3/16	2¾	2⅛	2 5/16
¾						0.12	1⅛	1⅜			2 7/32
1						0.12	1⅜	1⅝			2 3/32
1¼	⅜	1,240	1,144	310	280	0.28	1 11/16	2 1/16	2⅞		2 1/32
1½						0.30	2	2⅜	3	2½	2 1/16
2						0.33	2 7/16	2 13/16	3¼		
2½	½	2,300	2,070	570	515	0.73	2 15/16	3 7/16	3¾	3	2 5/16
3						0.78	3 9/16	4 1/16	4		2¼
4						0.90	4 9/16	5 1/16	4½		
5						1.0	5⅝	6⅛	5		2 7/32
6	⅝	3,675	3,310	915	825	2.0	6¾	7⅜	6⅛	3¾	2 13/16
8						2.3	8¾	9⅜	7⅛		
10	¾	5,490	4,940	1,370	1,235	4.9	10⅞	11⅝	8⅜	4	3
12	⅞	8,400	7,560	2,115	1,905	7.7	12⅞	13¾	9⅝		3¼

*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:

Pn/Pna + Ps/Psa ≤ 1

Where:

Pn = actual applied normal load;
Pna = allowable normal load for the Fig. 137;
Ps = actual applied side load;
Psa = allowable side load for the Fig. 137

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