



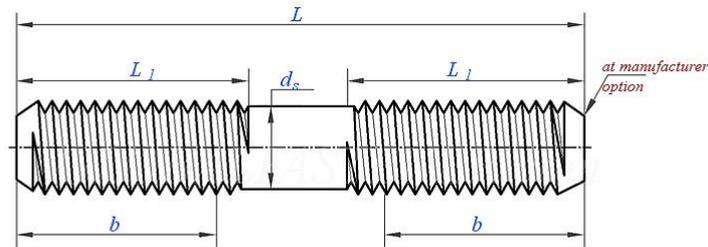
IFI 136 Threaded Rods

Leader-Fastener is a manufacturer and distributor of **IFI 136 Threaded Rods**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and competitive price in the near future and be your friends as well.

IFI-136, STUDS AND BENT BOLTS - WITHDRAWN FOR ASME B18.31.5

Threaded Studs are sometimes confused with threaded rod—threaded studs are usually 12" or less, while threaded rods typically range from 2 ft. to 12 ft. in length. Studs are measured one of two ways: 1st/1st or End/End. 1st/1st indicates that the stud is measured from the first thread at one end to the first thread at the opposite end, which means its specified length will be shorter than its overall length. This method is usually used when the ends are chamfered and the stud is not threaded to its tips. The other method is End/End, which indicates that the stud is measured from end to end so its specified length will be the same as its overall length.

Equal-length studs are cylindrical fasteners with threads at both ends, threads of equal length at both ends, and a polished rod in the middle. When connecting, one end of the equal-length stud must be screwed into the part with the internal threaded hole, and the other end must pass through the part with the through hole, and then screw the nut to make the two parts tightly connected as a whole. This form of connection is called a stud connection, which is also a detachable connection. It is mainly used for occasions where one of the connected parts is thick, requires a compact structure, or is not suitable for bolt connection due to frequent disassembly.

IFI 136 - 2006 Double End Studs


Thread Size	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2		
PP	20	18	16	14	13	12	11	10	9	8	7	7	6	6		
d_s	2 Type	max	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750	1.5000
		min	0.2127	0.2712	0.3287	0.385	0.4435	0.5016	0.5589	0.6773	0.7946	0.9100	1.0228	1.1476	1.2563	1.3812
	3 Type	max	0.2500	0.3125	0.3750	0.4375	0.5000	0.5625	0.6250	0.7500	0.8750	1.0000	1.1250	1.2500	1.3750	1.5000
		min	0.2408	0.3026	0.3643	0.4258	0.4876	0.5495	0.6113	0.7353	0.8592	0.983	1.1064	1.2314	1.3544	1.4794
b	min	($L \leq 6$)	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	2.250	2.500	2.750	3.000	3.250
		($L > 6$)	1.000	1.125	1.250	1.375	1.500	1.625	1.750	2.000	2.250	2.500	2.750	3.000	3.250	3.500
L_1	max	($L \leq 6$)	0.875	1.031	1.188	1.344	1.500	1.656	1.812	2.125	2.438	2.750	3.062	3.375	3.688	4.000
		($L > 6$)	1.125	1.281	1.438	1.594	1.750	1.906	2.062	2.375	2.688	3.000	3.312	3.625	3.928	4.25

①, Type 1 studs shall have an unfinished body with no specified body diameter tolerances:

Type 2 studs shall have a maximum body diameter equal to basic major diameter of the thread, and a minimum body diameter equal to the rolled thread blank size.

Type 3 studs shall have a maximum body diameter equal to basic major diameter of the thread, and a minimum body diameter equal to the specified minimum major diameter of the thread.

Type 4 studs shall have body diameter tolerances as specified by the purchaser (milled or ground body).

②, When flat and chamfered, the end shall be chamfered from a diameter approximately 0.016 in. below the minor diameter of the thread to produce a length of chamfer or incomplete thread not to exceed two times the thread pitch.