



DIN 976 Stud Bolt

Leader-Fastener is a manufacturer and distributor of **DIN 976 Stud Bolt**. 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

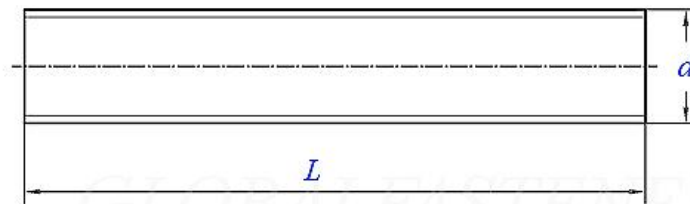
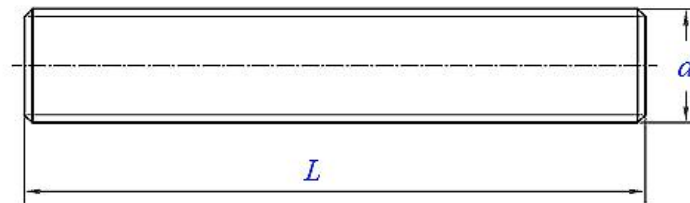
competitive price in the near future and be your friends as well.

DIN 976 - Metric thread stud bolts

Metric Threaded Rods are fully threaded 1 meter (1000 mm) long rods—much longer than studs. Use full length or cut into shorter lengths but since they are headless, nuts are frequently used at both ends. Also called All Thread and All Thread Rod, common applications include anchoring and through-hole bolting. Supplied with coarse or fine machine screw threads and available in Class 4.6, 8.8 and Grade B7 steel and stainless steel. Finishes include plain and zinc plated.

Metric **DIN 976 Fully Threaded Stud Bolts** are headless bolts threaded all the way from one end to the other (full / allthread). They are designed for a nut to be applied on both ends and are often used for electrical, construction and plumbing for hanging purposes.

Stud bolts with metric thread are designed to perform functions similar to those of double end studs (clamping type or interference-fit type). This standard covers stud bolts with threads produced to tolerance 6g which is customary for bolt/nut assemblies of thread engagement group N as specified in DIN ISO 965-1. Attention is drawn to the fact that stud bolts with lengths exceeding those specified for thread engagement group N might not be true to gauge.

DIN 976-1 - 2016 Fasteners - Stud bolts - Part 1: Metric thread
Form A

Form B


Screw Thread d	M2	M2.5	M3	(M3.5)	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)
P															
	Fine Thread Pitch	-	-	-	-	-	-	1	1.25	1.25	1.5	1.5	1.5	1.5	1.5
	Fine Thread Pitch	-	-	-	-	-	-	-	1	1.5	-	-	-	-	-
	Coarse Thread Pitch	0.4	0.45	0.5	0.6	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5
Weight of per 1000 steel products(=kg)		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Screw Thread d	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64	(M68)	M72
P															
	Fine Thread Pitch	2	2	2	2	3	3	3	3	3	3	4	4	4	4
	Fine Thread Pitch	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coarse Thread Pitch	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6	6
Weight of per 1000 steel products(=kg)		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Material:

- Steel, Property class (material): $d < 3\text{mm}$: subject to agreement; $3\text{mm} \leq d \leq 39\text{mm}$: 4.8, 5.6, 5.8, 8.8, 10.9, 12.9; $d > 39\text{mm}$: subject to agreement. Standard DIN EN ISO 898-1
- Stainless steel, Property class (material): $d < 3\text{mm}$: subject to agreement; $3\text{mm} \leq d \leq 24\text{mm}$: A2-70, A4-70; $d > 24\text{mm}$: subject to agreement. Standard DIN EN ISO 3506-1
- Non-ferrous metal, Property class (material): CuZn=copper-zinc alloy, CU2 or CU3 at the discretion of the manufacturer; Al=aluminum alloy, AL1(AlMg3) or AL2(AlMg5) at the discretion of the manufacturer. Standard DIN EN 28839