

Cold Forging Bolts



Features of cold formed parts:

- Product name: **Cold Forging Bolts**
- Material: Carbon Steel, Stainless Steel, Alloy Steel
- Machining Tolerances:0.01mm
- Machining Process:
Cold Forging, Hot Forging, CNC Turning, CNC Milling, Grinding, Threading, Tapping, Bending
- Min. Order:50,000PCS
- Surface Treatment: Polishing, Heat Treatment, Sand Blasting, Zinc Plated, Anodization, Chemical Film,
- Packing: Carton Box, Blister tray, Pallet, Wooden Case.

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·Certificate:ISO9001:2008, ISO/TS16949

As a China [cold forming supplier](#), we provide **cold forging bolts**.



What we can Provide:		Machining Material:	
CNC Machining Service		Carbon Steel	
CNC Turning Service		Stainless Steel	
CNC Milling Service		Aluminum	
Cold Forging Service		Brass	
Metal Stamping Service		Copper	
		Titanium Alloy	

Surface Treatment		Application:	
Heat Treatment		Automobile Spare Parts	
Sand Blasting		Electrical Appliance Industry	
Polishing		Electronics Industry	
Zinc Plated		General Industry	
Anodization		Machinery and Equipment	
Chemical Film		Hydraulic and Pneumatic	

















Cold Forging Bolts: machining parts, cylindrical threaded fasteners with nuts. A type of fastener consisting of two parts, the head and the screw (cylindrical with an external thread), which is required to cooperate with the nut and is used to fasten two parts with through holes.




According to the way of the connection of the force: points for ordinary and hinged holes.
According to the shape of the head: Hexagonal head, round head, square head, countersunk head and so on. The hexagon head is the most commonly used. General counters are used where connection is required.

There are two kinds of coarse teeth and fine teeth according to the thread profile, and the coarse teeth are not displayed in the bolt marks. The bolts are divided into 3.6, 4.8, 5.6, 5.8, 8.8, 9.8, 10.9, and 12.9 grades according to the performance grade. Among them, bolts of grade 8.8 or higher (including grade 8.8) are made of low carbon alloy steel or medium carbon steel and heat-treated (quenched) + Tempering), commonly known as high-strength bolts, grade 8.8 (excluding 8.8) commonly known as ordinary bolts.

Bolts are indispensable in everyday life and industrial manufacturing. Bolts are also called industrial rice. The use of bolts is widely seen. Bolt applications include: electronic products, mechanical products, digital products, electrical equipment, mechanical and electrical products. Bolts are also used in ships, vehicles, hydraulic engineering, and even chemical experiments.

Ningbo Hewcho Industrial specialize produce customized non-standard cold forging bolts. The main types are as below:

			
Hex Bolts	Flange Bolts	U Bolts	J Bolts
			
D Head Bolts	Socket Shoulder Bolts	Heavy Hex Bolts	Socket Head Bolts
			
Square Head Bolts	Main Bearing Cap Bolts	12 point bolts	Camshaft Cap Bolts
			
Main Bearing Cap Bolts	12 point bolts	Camshaft Cap Bolts	Hex Bolts

Con Rod Bolts	Crank Shaft Bolts	Cylinder Head Bolts	Flywheel Bolts
			
Gear Flange Bolts	Long Bolts	Main Bearing Cap Bolts	

Machining Tolerances

According to custom requirement. Normally the diameters tolerance is $\pm 0.05\text{mm}$.Length tolerance is $\pm 0.1\text{mm}$.But in many cases, we can achieve: diameters tolerance is $\pm 0.02\text{mm}$.Length tolerance is $\pm 0.05\text{mm}$

Material Selection:

Normally used carbon steel 35# or 45# ,Stainless Steel:304 or 316.According to customer requirement use Aluminum and Brass

Surface Treatment:

Heat treatment, Zinc Plated, Zinc-Nickel Alloy Plated, Chrome Plated

Why Choose [Hewcho](#)?

Low price, process performance (e.g., weldability and cold formability) good.