

Cold Forging Bushing Sleeves







Features of cold forging sleeves:

- Product name: [Cold Forging Sleeve](#) Bushing
- Material: Carbon Steel, Stainless Steel, Aluminum, Brass
- Machining Tolerances:0.01mm
- Machining Process:
Cold Forging, CNC Turning, CNC Milling, Grinding, Threading, Tapping, Bending, Welding, Drilling, Forging
- Min. Order:50,000PCS
- Surface Treatment: Polishing, Heat Treatment, Sand Blasting, Zinc Plated, Anodization, Chemical Fim,

Tel:+86 574 62387787 **Fax:**+86 574 62387788 **Mobile:**+86 13758266067 **Skype:**hewcho
Email:info@hewcho.com **Whatsapp:**+86 13758266067 **Website:**www.hewcho.com

- Packing: Carton Box, Blister tray, Pallet, Wooden Case.
- Certificate:ISO9001:2008, ISO/TS16949

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 Fim		Hydraulic and Pneumatic	

The **bushing and sleeve** is used for the outside of the mechanical parts, in order to achieve the sealing, wear protection and other functions of the match, refers to the role of the liner ring.

In the moving parts, wear of the parts is caused by long-term friction. When the gap between the shaft and the holes wears to a certain degree, the parts must be replaced. We choose the material with low hardness and good abrasion resistance as the sleeve or liner. The sleeve, which can reduce the wear of the shaft and the seat, can be replaced when the sleeve or bush wears to a certain degree, so that the cost for replacing the shaft or the seat can be saved.

The function of bushings

The flexibility of the bushing is relatively high, and it has many functions. In general, the bushing is a type of component that protects the equipment. The use of bushings can reduce equipment wear, vibration and noise, and have anti-corrosion effects. The use of bushings also facilitates the maintenance of mechanical equipment and simplifies the structure and manufacturing process of the equipment.

Bushing Features









Small deformation, high precision; good concentricity; good verticality; high wear resistance.













Application of Cold Forging Bushing Sleeves

Used in: packaging machinery, textile machinery, mining machinery, metallurgical machinery, printing machinery, tobacco machinery, forging machinery, various types of machine tools and interchangeable mechanical drive linkage. For example: pulleys, sprockets, gears, propellers, large fans, and other types of couplings, etc.; Features: Large torque, high accuracy, quick and easy assembly and disassembly, easy operation, good positioning, reduced scrapping rate of the shaft and hub being engaged, Reusable, no damage to the mating surface, is the best and most economical choice.

Gallery

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

			
Cold Forged Sleeve Nut	Cold Forging Sleeve with Shoulder	Wear Sleeves	Brake Caliper Sleeves
			

Cold Forging Flanged Sleeve	Flange Bushings	Hex Socket Sleeves	Hex Threaded Sleeves
			
Hole Protector Sleeves	Protector Sleeves	Pump Sleeves	Sleeve washers
			
Spacer Bushings	Spacer Sleeves	Splined Tube Sleeves	Stainless Steel Pump Shaft Sleeves
			

Stepped Sleeves	Tapered sleeves	Valve Bushings	Valve Sleeves

Machining Tolerances

According to custom requirement. Normally the diameters tolerance is $\pm 0.01\text{mm}$.Length tolerance is $\pm 0.5\text{mm}$.But in many cases, we can achieve: diameters tolerance is $\pm 0.005\text{mm}$.Length tolerance is $\pm 0.02\text{mm}$

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, Polishing, Zinc Plated, Zinc-Nickel Alloy Plated, Chrome Plated

Why Choose [Hewcho](#)?

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