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,
What we can Provide:
- CNC Machining Service
- CNC Turning Service
- CNC Milling Service
- Cold Forging Service
- Metal Stamping Service

Machining Material:
- Carbon Steel
- Stainless Steel
- Aluminum
- Brass
- Copper
- Titanium Alloy

Application:
- Automobile Spare Parts
- Electrical Appliance Industry
- Electronics Industry
- General Industry
- Machinery and Equipment
- 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:

<table>
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<tr>
<th>Cold Forged Sleeve Nut</th>
<th>Cold Forging Sleeve with Shoulder</th>
<th>Wear Sleeves</th>
<th>Brake Caliper Sleeves</th>
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</thead>
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Email:info@hewcho.com  Whatsapp:+86 13758266067  Website:www.hewcho.com
<table>
<thead>
<tr>
<th>ColdForging Flanged Sleeve</th>
<th>Flange Bushings</th>
<th>Hex Socket Sleeves</th>
<th>Hex Threaded Sleeves</th>
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</thead>
<tbody>
<tr>
<td><img src="image1" alt="ColdForging Flanged Sleeve" /></td>
<td><img src="image2" alt="Flange Bushings" /></td>
<td><img src="image3" alt="Hex Socket Sleeves" /></td>
<td><img src="image4" alt="Hex Threaded Sleeves" /></td>
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<tr>
<td>Hole Protector Sleeves</td>
<td>Protector Sleeves</td>
<td>Pump Sleeves</td>
<td>Sleeve washers</td>
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<td><img src="image5" alt="Hole Protector Sleeves" /></td>
<td><img src="image6" alt="Protector Sleeves" /></td>
<td><img src="image7" alt="Pump Sleeves" /></td>
<td><img src="image8" alt="Sleeve washers" /></td>
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<tr>
<td>Spacer Bushings</td>
<td>Spacer Sleeves</td>
<td>Splined Tube Sleeves</td>
<td>Stainless Steel Pump Shaft Sleeves</td>
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<td><img src="image9" alt="Spacer Bushings" /></td>
<td><img src="image10" alt="Spacer Sleeves" /></td>
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Machining Tolerances
According to custom requirement. Normally the diameters tolerance is ± 0.01mm. Length tolerance is ±0.5mm. But in many cases, we can achieve: diameters tolerance is ±0.005mm. Length tolerance is ±0.02mm.

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.