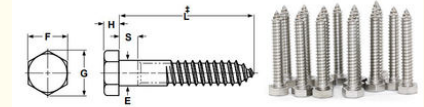


Alloy Steel Galvanized Lag Bolt with BSW Standard for Heavy-Duty Fastening

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: FinExpress hex bolt
- Certification: ISO9001|ISO14001| IATF16949
- Model Number: hex bolt
- Minimum Order Quantity: 30000
- Price: \$0.05/pieces 1000-29999 pieces
- Packaging Details: 1.1000pcs / plastic bag,20kgs/ carton ,then put on the wood pallet ,
2.Cartons size:28cm*18cm*13cm,
3.Wood pallet size:118cm*113cm,Weight:700~800Kg
Bulk:0.8 cubic
4.The weight of 20 FT Container:20~25 Tons
5,As your requirements
- Delivery Time: 7~15 Working Day
- Payment Terms: T/T,L/C,D/A,D/P
- Supply Ability: 500000000 Piece/Pieces per Week



Hex Lag Bolts													ASME B18.2.1-1985	
Basic Product Diameter		Threads Per Inch	E		F		G		H		S			
			Body or Shoulder Diameter	Width Across Flats	Width Across Flats	Width Across Flats	Head Height	Shoulder Length						
No. 10	0.1900	11	0.199	0.178	9/32	0.281	0.271	0.325	0.309	18	0.140	0.110	0.084	
1/4	0.2500 <th>10</th> <td>0.260<th>0.237</th><th>7/16</th><td>0.438<th>0.425</th><td>0.505<th>0.484</th><td>11/16<td>0.188<th>0.150</th><td>0.094</td></td></td></td></td></td>	10	0.260 <th>0.237</th> <th>7/16</th> <td>0.438<th>0.425</th><td>0.505<th>0.484</th><td>11/16<td>0.188<th>0.150</th><td>0.094</td></td></td></td></td>	0.237	7/16	0.438 <th>0.425</th> <td>0.505<th>0.484</th><td>11/16<td>0.188<th>0.150</th><td>0.094</td></td></td></td>	0.425	0.505 <th>0.484</th> <td>11/16<td>0.188<th>0.150</th><td>0.094</td></td></td>	0.484	11/16 <td>0.188<th>0.150</th><td>0.094</td></td>	0.188 <th>0.150</th> <td>0.094</td>	0.150	0.094	
5/16	0.3125 <th>9</th> <td>0.324<th>0.298</th><th>1/2</th><td>0.500<th>0.484</th><td>0.577<th>0.562</th><td>7/32<td>0.235<th>0.198</th><td>0.125</td></td></td></td></td></td>	9	0.324 <th>0.298</th> <th>1/2</th> <td>0.500<th>0.484</th><td>0.577<th>0.562</th><td>7/32<td>0.235<th>0.198</th><td>0.125</td></td></td></td></td>	0.298	1/2	0.500 <th>0.484</th> <td>0.577<th>0.562</th><td>7/32<td>0.235<th>0.198</th><td>0.125</td></td></td></td>	0.484	0.577 <th>0.562</th> <td>7/32<td>0.235<th>0.198</th><td>0.125</td></td></td>	0.562	7/32 <td>0.235<th>0.198</th><td>0.125</td></td>	0.235 <th>0.198</th> <td>0.125</td>	0.198	0.125	
3/8	0.3750 <th>7</th> <td>0.388<th>0.360</th><th>9/16</th><td>0.562<th>0.544</th><td>0.650<th>0.625</th><td>1/4<td>0.268<th>0.226</th><td>0.125</td></td></td></td></td></td>	7	0.388 <th>0.360</th> <th>9/16</th> <td>0.562<th>0.544</th><td>0.650<th>0.625</th><td>1/4<td>0.268<th>0.226</th><td>0.125</td></td></td></td></td>	0.360	9/16	0.562 <th>0.544</th> <td>0.650<th>0.625</th><td>1/4<td>0.268<th>0.226</th><td>0.125</td></td></td></td>	0.544	0.650 <th>0.625</th> <td>1/4<td>0.268<th>0.226</th><td>0.125</td></td></td>	0.625	1/4 <td>0.268<th>0.226</th><td>0.125</td></td>	0.268 <th>0.226</th> <td>0.125</td>	0.226	0.125	
7/16	0.4375 <th>7</th> <td>0.452<th>0.421</th><th>5/8</th><td>0.625<th>0.603</th><td>0.722<th>0.697</th><td>9/16<td>0.316<th>0.272</th><td>0.156</td></td></td></td></td></td>	7	0.452 <th>0.421</th> <th>5/8</th> <td>0.625<th>0.603</th><td>0.722<th>0.697</th><td>9/16<td>0.316<th>0.272</th><td>0.156</td></td></td></td></td>	0.421	5/8	0.625 <th>0.603</th> <td>0.722<th>0.697</th><td>9/16<td>0.316<th>0.272</th><td>0.156</td></td></td></td>	0.603	0.722 <th>0.697</th> <td>9/16<td>0.316<th>0.272</th><td>0.156</td></td></td>	0.697	9/16 <td>0.316<th>0.272</th><td>0.156</td></td>	0.316 <th>0.272</th> <td>0.156</td>	0.272	0.156	
1/2	0.5000 <th>6</th> <td>0.515<th>0.482</th><th>3/4</th><td>0.750<th>0.725</th><td>0.866<th>0.826</th><td>11/32<td>0.364<th>0.302</th><td>0.156</td></td></td></td></td></td>	6	0.515 <th>0.482</th> <th>3/4</th> <td>0.750<th>0.725</th><td>0.866<th>0.826</th><td>11/32<td>0.364<th>0.302</th><td>0.156</td></td></td></td></td>	0.482	3/4	0.750 <th>0.725</th> <td>0.866<th>0.826</th><td>11/32<td>0.364<th>0.302</th><td>0.156</td></td></td></td>	0.725	0.866 <th>0.826</th> <td>11/32<td>0.364<th>0.302</th><td>0.156</td></td></td>	0.826	11/32 <td>0.364<th>0.302</th><td>0.156</td></td>	0.364 <th>0.302</th> <td>0.156</td>	0.302	0.156	
5/8	0.6250 <th>5</th> <td>0.642<th>0.600</th><th>15/16</th><td>0.938<th>0.906</th><td>1.083<th>1.033</th><td>27/64<td>0.444<th>0.378</th><td>0.312</td></td></td></td></td></td>	5	0.642 <th>0.600</th> <th>15/16</th> <td>0.938<th>0.906</th><td>1.083<th>1.033</th><td>27/64<td>0.444<th>0.378</th><td>0.312</td></td></td></td></td>	0.600	15/16	0.938 <th>0.906</th> <td>1.083<th>1.033</th><td>27/64<td>0.444<th>0.378</th><td>0.312</td></td></td></td>	0.906	1.083 <th>1.033</th> <td>27/64<td>0.444<th>0.378</th><td>0.312</td></td></td>	1.033	27/64 <td>0.444<th>0.378</th><td>0.312</td></td>	0.444 <th>0.378</th> <td>0.312</td>	0.378	0.312	
3/4	0.7500 <th>4+1/2</th> <td>0.768<th>0.725</th><th>1-1/16</th><td>1.125<th>1.088</th><td>1.289<th>1.240</th><td>1/2<td>0.524<th>0.455</th><td>0.375</td></td></td></td></td></td>	4+1/2	0.768 <th>0.725</th> <th>1-1/16</th> <td>1.125<th>1.088</th><td>1.289<th>1.240</th><td>1/2<td>0.524<th>0.455</th><td>0.375</td></td></td></td></td>	0.725	1-1/16	1.125 <th>1.088</th> <td>1.289<th>1.240</th><td>1/2<td>0.524<th>0.455</th><td>0.375</td></td></td></td>	1.088	1.289 <th>1.240</th> <td>1/2<td>0.524<th>0.455</th><td>0.375</td></td></td>	1.240	1/2 <td>0.524<th>0.455</th><td>0.375</td></td>	0.524 <th>0.455</th> <td>0.375</td>	0.455	0.375	
1 1/8	0.8750 <th>4</th> <td>0.890<th>0.852</th><th>1-5/16</th><td>1.312<th>1.260</th><td>1.518<th>1.467</th><td>37/64<td>0.604<th>0.531</th><td>0.375</td></td></td></td></td></td>	4	0.890 <th>0.852</th> <th>1-5/16</th> <td>1.312<th>1.260</th><td>1.518<th>1.467</th><td>37/64<td>0.604<th>0.531</th><td>0.375</td></td></td></td></td>	0.852	1-5/16	1.312 <th>1.260</th> <td>1.518<th>1.467</th><td>37/64<td>0.604<th>0.531</th><td>0.375</td></td></td></td>	1.260	1.518 <th>1.467</th> <td>37/64<td>0.604<th>0.531</th><td>0.375</td></td></td>	1.467	37/64 <td>0.604<th>0.531</th><td>0.375</td></td>	0.604 <th>0.531</th> <td>0.375</td>	0.531	0.375	

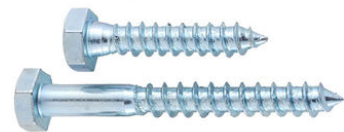
Product Specification

- Finish: ZINC, Plain
- Material: Stainless Steel, Steel
- Standard: DIN, DIN,ANSI,ISO,BSW,ect
- MOQ: 1 Piece In Stock, 30,000 Pcs Customized
- Package: Small Packing+Carton Packing+Pallet
- Delivery Time: In Stock 5~7 Working Days, Customized 15~25 Working Days
- Service: All Issues Within 24 Hours
- Advantages: Competitive Price, High Quality And Good Service
- Port: FOB Shenzhen
- Highlight: **BSW Standard Stainless Steel Lag Bolt,**
3/8 Stainless Steel Lag Bolt,
1/2 Stainless Steel Lag Bolt

Stainless lag bolt



Galvanized lag bolt



Product Description

1/2" & 3/8" Stainless Steel/Alloy Steel/Galvanized Lag Bolt with BSW Standard

Factory-direct 1/2" and 3/8" lag bolts available in stainless steel, alloy steel, and galvanized finishes for industrial applications.

FINEX | Fine and Express FASTENERS



Product Overview

Our 1/2" and 3/8" Lag Bolts are engineered for high-strength, corrosion-resistant fastening in demanding environments. Available in stainless steel (304/316), alloy steel (Grade 5/8), and hot-dip galvanized finishes, these lag screws provide exceptional grip and durability for wood-to-metal or wood-to-wood connections. Ideal for construction, marine, fencing, and utility projects, they combine factory-direct pricing with industrial-grade performance.

Key Features

Material Options:

- Stainless Steel 304/316: Corrosion-resistant for marine, coastal, or chemical environments
- Alloy Steel (Grade 5/8): Zinc-plated or hot-dip galvanized (HDG) for high tensile strength (up to 150 ksi)
- Galvanized Finish: Sacrificial zinc coating protects against rust in outdoor or humid conditions

Heavy-Duty Design:

- Hex Head: Compatible with standard wrenches (1/2" = 3/4" wrench, 3/8" = 9/16" wrench)
- Sharp Point & Coarse Threads: Self-tapping design for easy penetration into wood or composite materials

Factory Pricing:

- Bulk Discounts: Competitive rates for contractors, OEMs, and distributors (MOQ: 1,000 units)
- Custom Sizes: 1/2" (12.7mm) and 3/8" (9.5mm) diameters; lengths from 1" to 12" (customizable)

Certified Quality: ASTM A153 (Galvanized), ASTM F593 (Stainless Steel), SAE J429 (Grade 5/8) compliant



Pozi



Phillips



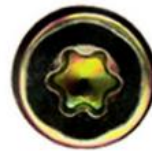
**Anti-theft
Triangle**



Slotted



Hex Socket



Torx



**Torx-internal
Tamber proof pin**



**H type
anti theft**



Tri-wing



**Two-Hole
Tamber proof**



**One way
anti theft**



**Square Slot
Combination**



**Phillips Slot
Combination**



**Slot 6 Lobe
Combination**



**Tri-wing internal
Tamber proof pin**



Blue Zinc



Yellow Zinc



White Zinc



Black Zinc



Nickel Plated



Black Oxide



Anodizing



Dacromet



**Black
Electrophoresis**



Antique Bronze



Green



Baking Finish

FINEX | Fine and Express
FASTENERS

[Click Here To Start Customizing](#)
Customizable Thread Shape



FINEX | Fine and Express
FASTENERS

[Click Here To Start Customizing](#)
Customizable Head Shape



FINEX | Fine and Express
FASTENERS    

OEM **ODM**
ORIGINAL ORIGINAL
EQUIPMENT DESIGN
MANUFACTURER MANUFACTURER

What We Produce is Not Just a Screw. We Provide a Guarantee of Secure Fastening



Specifications

Available Material	1. Stainless Steel: SS303, SS304, SS316, SS410, SS420 2. Carbon steel: C1006, C1010, C1018, C1022, C1035K, C1045 3. Brass: C3602, C3604, Hpb59, Hpb62, Hpb65, Hpb58, Hpb70 4. Aluminum: Al6061, Al6063 etc or as your requirements
Head Type	CSK Head, Pan Head, Truss Head, Hexagon Head, Round Head, Oval Head, Button Head, Cap Head, Cheese Head, etc.
Hardness	Carbon Steel: HRC:28~35, HV450~700 Alloy Steel: HRC:32~39(grade10.9) HRC:39~44(grade12.9)
Finish	Zinc plated, Nickel plated, Bronze, Copper, Phosphate, Oxidation black, Passivation, Tin, Dacromet, Gold, Chrome, Silver, Phosphorization, Zinc-nickel alloy plated etc.
Sample Available	The sample is free of charge if we have the existing tooling, you only need to pay for the freight cost
Delivery Time	Samples time 3-5 working days, Lead time 20-25 working days
Pricing Term	EXW Dongguan(FCA), FOB, CIF, CNF, DDU, etc.
Packing	Bulk in PE bag or Small boxes, then in carton, pallet
Payment Term	TT (30% in advance as deposit, balance before delivery), L/C, Western Union, PayPal etc
Management System	ISO9001:2015
Certificate	ISO, ROHS

Why Choose Us?

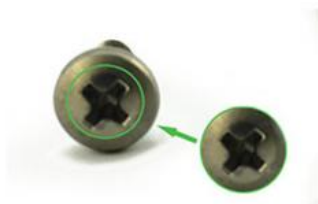
OEM/ODM Support: Full custom packaging, branding, and documentation

Quality Assurance: ISO 9001-certified with full material traceability and testing (salt-spray, torque, tensile)

Flexible MOQs: Prototype batches to large-scale production

Fast Turnaround: 10-15 days for standard orders; expedited options available

NO1.Drive compariason



Our screws: cross recess drive remains intact after repeatedly used.

VS



Bad screws on the market: cross recess drive cannot be used after repeatedly used, they may slip or tear out the Philips screw head.

NO2.Torque comparison



Our screws: Nylon patch is high quality, prevailing-torque is more

VS



Bad screws on the market: prevailing-torque is 0 after it is screwed in and out for five times, nylon patch will peel off.

NO3.Screw Plating Comparison



Our screws: good finish, clear thread, even coating, bright appearance.

VS



Bad screws on the market: bad finish, uneven coating, thread is oxidized, the finish is blacked.

NO4.Screw Material Comparison



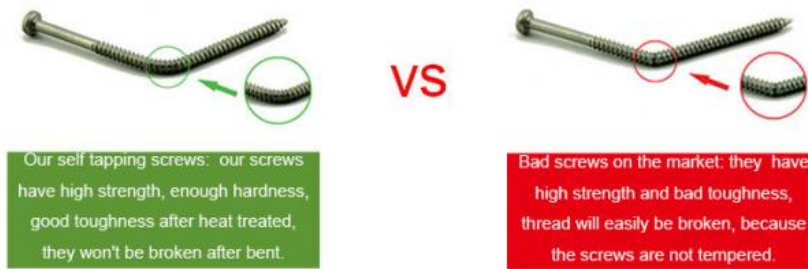
Our screws: we use quality carbon steel material, Chemical Element content in Steel meets the requirement of ISO standard, they won't be broken after 90° bent, high strength, good toughness.requirement of ISO

VS



Bad screws on the market: bad carbon steel material, Chemical Element content in Steel doesn't meet the requirement of ISO standard, they will be easily broken after 90° bent, high strength and bad toughness.

NO5.Mechanical Properties comparison



NO6. Corrosion Resistance Comparison of SUS304



Frequently Asked Questions

Q1: What is your main products and material supply?

A1: Our main products are Electronic screws, Sems screws, Tapping screws, Chicago screws, Shoulder screws etc. Special Non-standard studs, Turning parts and High-end precision complex CNC Machining parts etc.

A2: Carbon Steel, Alloy Steel, Aluminum alloy, Stainless Steel, Brass, Copper, Titanium alloy or according to your requirement.

Q2: When can I get the price?

A: We usually offer you a quotation within 12 hours, and the special offer is not more than 24 hours. Any urgent cases, please contact us directly by phone or send email to us.

Q3: What about the transportation and delivery date?

A: If the weight of goods more than 80kg, Normally we use shipment to transport the orders. It is about 20-30 days. If the weight of goods less than 80kg, or there are urgent, we can send the goods via air express, It is 3~5 days.

Q4: What's your packing? What to do in case of damaged goods during transport?

A1: Our Normal packing is bulking in Cartons, less than 20 kgs/carton, 48 cartons / pallet. We also can pack products according to your requirement.

A2: To avoid any subsequent trouble regarding quality issue, we suggest you check the goods once you receive them. If there is any transport damaged or quality issue, don't forget take the detail pictures and contact us as soon as possible, we will properly handle it to make sure your loss to reduce to the smallest.

Q5: Can I get discounts?

A: Yes, for big order, frequent customers, we give reasonable discounts.

Q6: Do you have enough capacity?

A: Our production equipment is a new imported equipment. We have a group of skilled workers who have been working for more than 10 years. Their production experience is very rich and their skills are very skilled. The screws can be 30 million pcs/month. We have sufficient funds to ensure the normal operation of the factory.



Finexpress Precision Manufacturing (dongguan) Co., Ltd



+86-13527934468



alianchen@finexfastener.com



metalscrewfastener.com

Building 2, No. 129 Xinmalian Xinma Road, Dalang Town, Dongguan, Guangdong, China