

Hex Socket Screw

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METAL FASTENERS FOR FURNITURE

Hex Socket Screw is a furniture fastener engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is available for OEM bulk supply with samples, datasheets, and installation drawings on request.

▮ Bulk Order Ready ✓ ISO 9001:2015 ▯ OEM/ODM Available [▸ Installation Guide](#)

[Request Bulk Quote](#) [View Specifications](#)

Overview

Hex Socket Screw is a furniture fastener engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. The notes below cover construction, selection factors, sizes, materials, finishes, application fit, and installation for OEM production.

Industry Data

Use these product signals to compare fit, specification risk, and sourcing options before requesting samples or bulk pricing.

- **Thread / Diameter:** #8 Confirm the exact value on the order datasheet before production.
- **Length:** 16 mm Confirm the exact value on the order datasheet before production.
- **Head / Drive:** Countersunk head Confirm the exact value on the order datasheet before production.
- **Pilot Hole:** Stepped confirmat pilot Confirm the exact value on the order datasheet before production.
- **Recommended Panel:** 16-25 mm engineered panels Confirm the exact value on the order datasheet before production.
- **Material options:** Stainless Steel, Carbon Steel, Zinc Alloy, Aluminum and Brass Choose material by strength, corrosion exposure, and target price.
- **Finish options:** Polished Chrome, Rose Gold, Satin Chrome, Galvanized and Gold Confirm finish samples when color matching matters.
- **Application fit:** Store Fixtures, Restaurant Furniture, Outdoor Furniture and RV Furniture Match the product to the furniture use case, not only to the part name.

Hex Socket Screw

Key Specifications

Thread / Diameter	#8
Length	16 mm
Head / Drive	Countersunk head
Pilot Hole	Stepped confirmat pilot
Recommended Panel	16-25 mm engineered panels
Finish / Coating	Black oxide
Packaging	Pre-counted hardware pack

Specifications are configurable for OEM/ODM orders. Exact values are confirmed on the datasheet for your order.

How to Choose

- Screw type and thread for the board material
- Head type and drive (Pozi, Torx, hex socket)
- Length and diameter for the joint
- Board material: MDF, particle board, or plywood
- Pre-drilling and pilot-hole requirement
- Pull-out resistance and joint strength
- Bulk packaging and count per carton

Material Options

Hardened carbon steel with zinc plating is standard; stainless suits damp or outdoor-adjacent furniture. Thread geometry is tuned for chipboard and MDF holding power.

- [Stainless Steel Hex Socket Screw](#)
- [Carbon Steel Hex Socket Screw](#)
- [Zinc Alloy Hex Socket Screw](#)
- [Aluminum Hex Socket Screw](#)
- [Brass Hex Socket Screw](#)
- [Copper Hex Socket Screw](#)

Finish Options

Zinc-plated (clear or yellow) is the default for corrosion resistance; black and nickel match exposed assembly screws.

- [Polished Chrome Hex Socket Screw](#)
- [Rose Gold Hex Socket Screw](#)
- [Satin Chrome Hex Socket Screw](#)
- [Galvanized Hex Socket Screw](#)
- [Gold Hex Socket Screw](#)
- [Oil Rubbed Bronze Hex Socket Screw](#)
- [Aged Brass Hex Socket Screw](#)
- [Polished Stainless Steel Hex Socket Screw](#)

Application Fit

[Store Fixtures](#)

For this application, hex socket screw is specified for the typical load, environment, and usage of this application.

[Restaurant Furniture](#)

For this application, hex socket screw is specified for the typical load, environment, and usage of this application.

[Outdoor Furniture](#)

For this application, hex socket screw is specified for corrosion resistance, stainless options, and weather exposure.

[RV Furniture](#)

For this application, hex socket screw is specified for the typical load, environment, and usage of this application.

[Marine Furniture](#)

For this application, hex socket screw is specified for the typical load, environment, and usage of this application.

[Flat Pack Furniture](#)

For this application, hex socket screw is specified for knock-down assembly, repeatable installation, and packaging efficiency.

Recommended for These Applications

- [Hex Socket Screw for Store Fixtures](#)

Installation Notes

Pre-drill the recommended pilot in MDF and particle board to prevent splitting, then drive to flush without over-torquing. Use the correct bit to avoid cam-out on high-volume lines.

Animated Installation Guide

Step-by-step SVG diagrams for installing Hex Socket Screw on a production line.

Open the installation guide →

Buying Notes for OEM Orders

For OEM assembly, standardize a short list of screw sizes per joint type and order in bulk cartons with consistent drive type to keep the line fast.

Comparisons

- [Confirmat Screws vs Wood Screws](#)

Related Questions

These questions are pulled into the product page as visible Q&A content, not only as plain FAQ links.

What is Confirmat Screw?

Confirmat Screw is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Confirmat Screw FAQ →](#)

What is Euro Screw?

Euro Screw is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Euro Screw FAQ →](#)

What is Hinge Screw?

Hinge Screw is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Hinge Screw FAQ →](#)

What is Furniture Screw?

Furniture Screw is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Furniture Screw FAQ →](#)

What is Threaded Insert?

Threaded Insert is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Threaded Insert FAQ →](#)

What is Cabinet Screw?

Cabinet Screw is engineered for engineered-wood panels (MDF, particle board, plywood), giving strong pull-out resistance and fast, repeatable assembly. It is specified by thread, head, drive, length, and diameter.

[Read the full Cabinet Screw FAQ →](#)

Request Bulk Pricing

Send your specification, target market, and order volume. Our engineers reply with pricing, samples, and datasheets — usually within one business day.

Request a Quote

Tell us your project requirement. Our engineers reply within one business day with bulk pricing, datasheets, and installation drawings.