

## HS Hex Head Bolt with Nut (M12 – M64)

High-strength hex head bolts with nuts, M12 to M64, threads as per IS 1363, lengths up to 500 mm.



### M12 to M64

Diameters from 12 mm to 64 mm, each supplied with a matching hex nut.

### IS 1363 threads

Thread pitch as per IS 1363, so nuts and tapped parts fit first time.

### Up to 500 mm long

Long bolts for thick flanges, base plates and heavy machinery mounts.

#### ABOUT

#### High-strength hex bolts

High-strength hex head bolts with matching nuts from M12 to M64, threads as per IS 1363 and lengths up to 500 mm — made to the size, grade and quantity on your drawing or order.

#### DESCRIPTION

##### Overview

High-strength hex head bolts carry structural and machinery loads in steel plants, conveyor galleries, crane girders and fabricated structures. S A Engineering manufactures them in Bhilai with matching hex nuts, in diameters from **M12 to M64** and lengths up to **500 mm**, with the thread pitch as per **IS 1363**.

Each lot is made to the diameter, length, thread length and strength grade on your drawing or purchase order, so the bolts suit the joint they are meant for rather than the nearest catalogue size.

##### Typical applications

- Columns, beams and bracing in plant buildings and steel structures
- Machinery and equipment mounting in steel plants, mines and workshops
- Conveyor, crusher and material-handling frames
- Fabricated assemblies and maintenance replacements

##### Specification

|                |                                      |
|----------------|--------------------------------------|
| Size range     | M12 to M64                           |
| Thread pitch   | As per IS 1363 (ISO metric coarse)   |
| Length         | Up to 500 mm                         |
| Head           | Hexagon                              |
| Supplied with  | Matching hex nut                     |
| Strength grade | As specified on the drawing or order |

#### S A ENGINEERING

99/C, Raipur–Bhilai–Durg Expressway, Light Industrial Area,  
Bhilai, Chhattisgarh – 490026, India

**+91 98931 36100**

Call / WhatsApp for drawings & quotes

Made to

Customer specification / drawing

#### What to send with your enquiry

1. Diameter and length, for example M24 × 150
2. Thread length, or full thread if required
3. Strength grade or property class
4. Finish or coating
5. Quantity of bolts and nuts, and whether washers are needed

Not sure which grade you need? Our guide to [bolt property classes](#) explains the markings, and [IS 1363 hex bolts explained](#) covers sizes and thread pitch.

#### GALLERY

