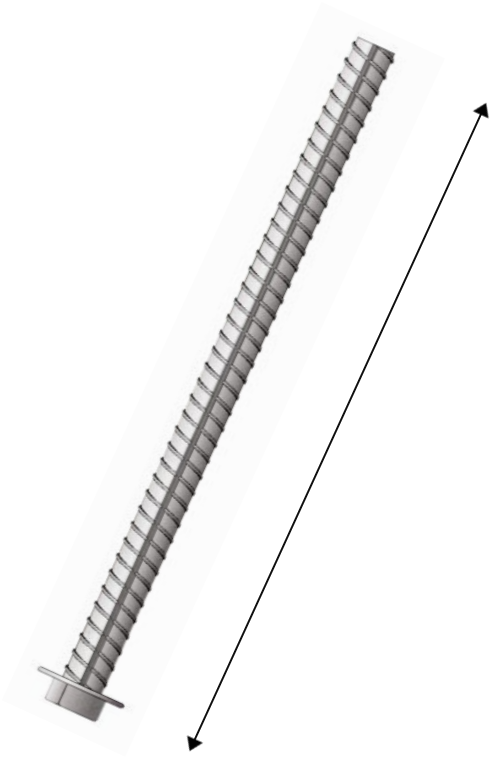
Forged head rebar bolt

Product code: EHH

Product specification: 24mm chemical anchor bolt
Category: Rock Bolt / Forged head



Key features

- Commonly known as the Thrust Bolt.
- Manufactured from a special hot rolled deformed bar designed by Sandvik.
- This bolt features a rib pattern which actively assists with mixing the chemical anchors during installation.
- The deformed bar rib pattern improves load transfer properties.
- The 24 [mm] chemical anchor bolts have a hot forged integral head.
- 36 [mm] square heads are used in areas where headroom is low or when bolt tails are undesirable, flat plates
  are generally used with headed bolts and are un-tensionable
- The 24 [mm] chemical anchor bolt is designed to be used with resin anchors, but can be effectively used with cementitious grouts.
- Corrosion protection may be provided by hot dip galvanizing or alternative coatings.
- Australian Patent Number 536627 is applicable to the bar design of this bolt.

Product Code Guide

Bolt Type	Diameter	Length	Drive Nut & Accessories	Coating	Packaging
	mm	mm			
EHH	4	120	V5015		

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Date: 06.03.2025

Physical Properties

Physical Properties	Minimum		Typical	
Yield Strength	375MPa	140kN	400MPa	150kN
Tensile Strength	570MPa	210kN	680MPa	250kN
Calculated Shear Strength	140kN		170kN	
Elongation (After Fracture)	17%		22%	
Mass Per Metre	2.92kg			
Bar Core Diameter	21.7mm			
Major Bar Diameter	23.2mm			
Cross Sectional Area	370mm^2			
Rolled Thread	M24x3.00mm Pitch			

Notes

Only Sandvik Ground Support rock bolt components should be used to enable the optimum performance of the bolt system to be obtained.

Non-standard lengths are available by negotiation.

Quality Assured to IOS 9001:2008 Registration no. QMS 41382

Installation/ applications

27-28 mm hole diameters are preferred. If larger diameter holes are to be used refer to “POSIMIX” bolts

Hole depth is critical. Hole depth should be slightly larger than the bolt length to ensure that the bolt plate and bolt head are tight to the roof after installation.

It is important to follow the resin anchors recommended mixing and hold times as printed on the resin anchor cartons.

Packaging

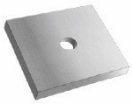
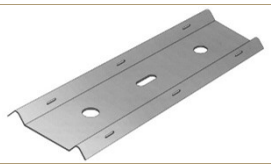
Standard bolt lengths range from 600 to3000mm in 300mm increments.

Non-standard lengths are available by negotiation.

Bolts are packaged in bundles.

Product range and accessories

Typically, plates used

Product Group	Flat Plate	Butterflies	W-Strap
Product Imagery			
Product Code Prefix	F	BUTT	MW

Phone app

Want to know more; our full product range, knowledge centre, and other details are available via the App; available on iOS and Android devices by searching “Ground Support”.

GrSu

iOS

Android

Legal disclaimer

All dimensions, weights, quantities, and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local representative for final confirmation of any key specifications.

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