Onestep Bolt

Product code: OS
Category: Hollow core bolts

Introduction
The OneStep bolt is a self-drilling rock bolt that integrates the drill head, drill steel, bolt, and adhesive resin into a single unit. The design streamlines the installation process by combining drilling, resin capsule insertion, and bolt setting into one step. This means faster installation times, improved installation quality, and enhanced safety in underground mining operations.



Key features
— The system includes a drilling system, resin encapsulation, and a dispensing pressure system.
— Offers superior safety, ideal for hazardous mining, longwall shield recovery, and areas prone to drill hole collapse.
— Productivity potential remains untapped, with strong promise for automation and modern mining..

Product code

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Physical properties

	Typical
Tensile load	>320 kN
Working load	>270 kN
Shear load	>210 kN
Pretension	50 – 70 kN
Shaft diameter	Ø38.5 mm
Nominal drill bit diameter	Ø40.5 mm
Drilling method	Rotary, wet
Resin curing speed	Fast 6 seconds

Standard length
— Available in lengths ranging from 1,2 m to 2,5 m, in 30 cm increments

Storage and expiry
— The OneStep resin has a 6 month shelf life when kept below 25°C
— Please refer to ”Best Before stickers” on the red cap at the end of the bolt

Notes
— DSI Underground is Quality Assured to ISO 9001:2015

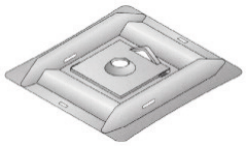
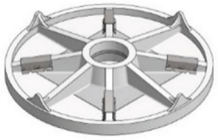
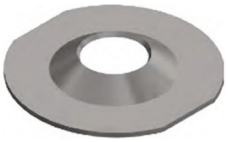
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Product accessoires examples

We manufacture a comprehensive range of products specifically designed for this bolts.

	Products		
Product group	Butterfly plate	Plate	Round dome plate
Product imagery			
Product code	BUTT	PP	RD

Mobile App

Discover more! Explore our full product range, knowledge center, and additional details through the ”DSI Underground” App—available now on iOS and Android.

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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