

**Product Code Guide**

O S C A 1 2 0 N 1 5

## Physical Properties

	Typical
Tensile Load	>200kN
Working Load	>120kN
Shear Load	>50kN
Nut Pull-Off	>150kN
Shaft Diameter	Ø38.5mm
Nominal Drill Bit Diameter	Ø40.5mm
Drilling Method	Rotary, wet
Resin Curing Speed	Fast 6 seconds

## Overview

DSI Underground Fibreglass Cuttable OneStep self-drilling bolt has revolutionised rock bolting. It integrates the currently used bolt installation components into one self-contained product, providing a robust system for fast, easy, safe, and reliable ground control.

- The Fibreglass Cuttable OneStep rock bolt system consists of three major components: the drilling system, the resin encapsulation system, and the dispensing pressure system.
- The inherent safety and technical benefits have made OneStep bolts a logical choice for hazardous mining scenarios such as longwall shield recovery, as well as difficult development conditions where drill hole collapse is common.
- The inherent productivity benefits are yet to be fully realised, but offer great potential for current mining systems, and especially in the path to automation.

## Advantages

- Higher productivity
- More reliable installation
- Improved working safety
- No collapsing holes
- Reduced damage to equipment when extracting coal

## Standard Length




DSI Underground OneStep self-drilling cuttable bolts are commonly supplied in 300mm increments from 1,200mm long to 2,100mm long.



## Product Accessories Examples

- DSI Underground manufactures a comprehensive range of products specifically designed for this range of bolts.

Typically, Products used are:

	Products		
Product Group	Butterfly Plate	Plate	Bolts
Product Imagery			
Product Code Prefix	BUTT	PP	AKH

## Storage and Expiry

- Must be stored out of direct sunlight.
- DSI Underground 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.

## 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 "DSI Underground".



iOS



Android