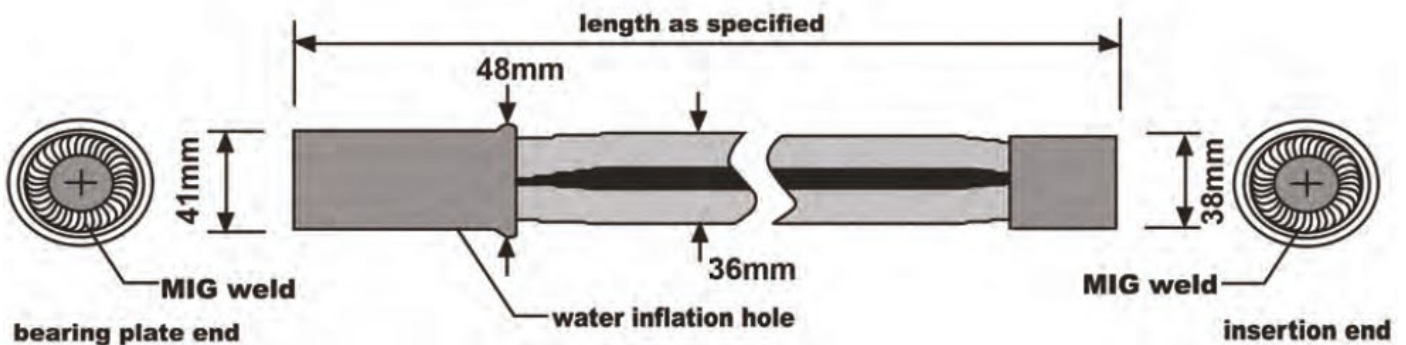


Product Code Guide	Bolt Type	Tonnage	Length	Packaging
	OM	24	2400	WA

Physical Properties

	Minimum	Typical
Yield Strength	355MPa	
Tensile Strength	510MPa	
Ultimate Strength*	200kN	240kN
Elongation*	22%	30%
Profile Diameter		Ø36mm
Original Tube Diameter		Ø54mm
Material Thickness		3mm
Hole Diameter Range		Ø43mm min/Ø52mm max
Inflation Pressure		30MPa

*Expanded Profile




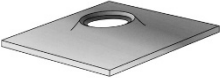


Key Features

- The DSI Underground OMEGA-BOLT® is an expandable rock bolt with excellent elongation properties designed to accommodate ground movement. The OMEGA-BOLT® is a folded steel tube with welded bushings on each end.
- The OMEGA-BOLT® is safe and easy to install with the OMEGA-BOLT® simply inserted into the drilled hole and inflated using high pressure water.
- The OMEGA-BOLT® tube is inflated to the exact shape of the drilled hole and can tolerate a large variation in hole diameter.

Product Accessories Examples

- DSI Underground manufactures a comprehensive range of plates specifically designed for this range of Bolts.

Typically, plates used are:

	Products			
Product Group	Starplates	Dome Plates	Butterflies	W-Strap
Product Imagery				
Product Code Prefix	STP	D	BUTT	MW

Standard Length & Packaging

- Standard lengths available include 1.8m, 2.1m, 2.4m and 3.0m
- Standard pack of 50, custom packaging available on request.

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