

Mesh strap

Product code: MMSB

Product specification: mine module strap bright

Category: Welded mesh

Introduction

Engineered for safety and efficiency, the Mesh Strap delivers unmatched surface support for mine roofs. Tailored to your specific mine dimensions and ground conditions, it features a reinforced bolt zone with bent edges for added strength and rigidity. Customizable with different wire diameters and rock bolt patterns, it offers the perfect balance of strength and ease of handling.

Key features

- Designed to match unique mine drive dimensions and ground conditions
- Reinforced bolt zones with bent edges for superior durability
- Tailored and marked to ensure accurate rock bolt patterns
- Adjustable wire diameters to balance strength and weight



Product code guide

| Type | Coating | Wire diameter | Aperture | Length | Width |
|------|---------|---------------|----------|--------|-------|
| MMS | B | 55 | 44 | 48 | 25 |

Physical properties

| Minimum ultimate strength wire | Strap length | Module width | Cross module wire diameter | Longitudinal modul wire diameter | Reinforced bolt zero wire diameter | Wire aperture | Minimum weld shear |
|--------------------------------|--------------|--------------|----------------------------|----------------------------------|------------------------------------|---------------|--------------------|
| 500 MPa | 5000 mm | 250 mm | 4 mm | 4 mm | 4 mm | 50 x 50 mm | 4.7 kN |
| | 6000 mm | 300 mm | 5 mm | 5 mm | 5 mm | 50 x 100 mm | 7.4 kN |
| | | 360 mm | 5.6 mm | 5.6 mm | 5.6 mm | 100 x 100 mm | 9.2 kN |
| | | 900 mm | | | 6.3 mm | | |
| | | | | | 7.1 mm | | |

Standard length and packaging

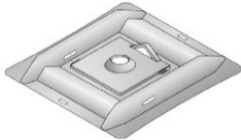

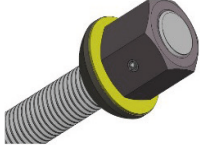
- Standard lengths available include 3.0 meter, 5.0 meter
- Standard widths available include 250 mm to 900 mm
- Standard pack of 20, custom packaging available on request.

Notes

- DSI Underground is Quality Assured to ISO 9001:2015

Product accessoires examples

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

| Products | | | |
|-----------------|---|---|---|
| Product group | Butterfly plate | Thread bar | Bolts |
| Product imagery |  |  |  |
| Product code | BUTT | TB | AKH |

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.