

**COAL MINING / HARD ROCK MINING**

**MESH PLATE**

**VERSATILE SURFACE SUPPORT**

**DESCRIPTION**

The Mesh Plate is a versatile and innovative solution for securing steel mesh to rock faces using preinstalled bolts. It's self-centring characteristic allows for easy installation with large rigs, eliminating the need for precise bolt alignment. Circular design prevents mesh entanglement and breakage. Plate profile ensures a secure and firm attachment against the rock surface.

Plates can be supplied in black steel or hot dip galvanised. Mesh plates are available to suit various Coal and Secura Bolts.

**APPLICATION AND USES**

Primary use is strata reinforcement in underground mines. Designed to secure mesh with pre-installed bolts, assists mesh installation post bolt installation.

**ADVANTAGES**

- Easy to install
- Versatile
- Cost effective
- Optimal Surface Support
- Variety of Coatings
- Variety of Configurations
- Allows a tight press of the mesh against the rock face



*Mesh Hat Plate*

**TECHNICAL DATA**

**Mechanical Properties**

Mesh Plate	Properties
Diameter (mm)	208
Thickness (mm)	3.0
Height (mm)	65
Nut type	R24/R28/M24
Typical Yield Strength (MPa)	300
Typical Tensile Strength (MPa)	400
Plate Load (kN)	3T
Weight (kg)	1.5

<sup>1</sup> Test conducted over 100mm hole

**PACKAGING AND TRANSPORTATION**

Item code	Description
NT0005101	PLATE MESH HAT R28X200MM GL

Mesh Plate	
No. of Units (pcs)	500
Nominal Weight (kg)	800
Pallet Size (mm)	1150x1150

**APPROVALS AND CERTIFICATES**

**Product Standards**

Material : AS1594

Galvanising : AS4680

**TECHNICAL SUPPORT**

We provide technical advisory service by a team of specialists in the field. The service includes on site assistance and advice on evaluation trials and laboratory work. All technical data sheets can be found on [www.minovaglobal.com](http://www.minovaglobal.com)

**MANUFACTURER**

**Minova Australia Pty Ltd**

An ISO 9001:2015 Quality Management Certificated Company



FS 603747

**ADDITIONAL INFORMATION**

Minova Australia offers a comprehensive range of products, all of which have been developed after extensive research and testing on a global scale via our international network of operations. These products include:

- Resin anchor systems
- High yield grouts and foams
- Monolithic chock systems
- High performance cable bolt grouts
- Polyurethane resin systems
- Sprayable coatings for ventilation control
- Water stop grouts
- Ventilation formwork systems including: Meshblock and Tecmesh
- Grout mixers and batchers both air and hydraulically operated
- Contract Installations
- Flexible membranes for strata support and waterproofing applications

**CUSTOMER SERVICE**

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