

MINOVA

DOVE PLATES

HIGH LOAD BEARING CAPACITY



DESCRIPTION

Dome plates are high load bearing capacity plates that provide optimal support in a range of strata conditions. These plates are typically used with solid bolts, friction bolts, coal bolts and cable bolts. Plates are available in numerous dimensions to suit any bolt type and diameter in the Minova range. Available in sizes 150mm and 200mm square. Plates are available with or without a hanger loop in black steel or hot dip galvanized.

ADVANTAGES

- > Better Load Distribution & Bearing Capacity (Domed shape increases structural rigidity and spreads load more effectively from the bolt)
- > Improved Surface Contact & Rock Conformity
- > Enhanced Integration with Support Systems (Compatibility with bolts, mesh, straps and plates)
- > High grade steel & galvanization to resist corrosion and abrasion
- > Safety & Performance Under Dynamic Loads

APPLICATION AND USES

Primary use is strata reinforcement in underground mines. Designed to support mesh to help prevent loose material from falling between the roof bolt patterns and provide strength to the immediate roof.

TECHNICAL PROPERTIES

PROPERTIES	FRICTION BOLT PLATE			SECURA BOLT PLATE	CROWN PLATE
	47mm	34mm	38mm	25mm	
Dimensions (mm)	150 x 150 200 x 200	150 x 150	150 x 150	150 x 150	200 x 200
Thickness (mm)	4	4	4/5	8	5
Dome Height (mm)	21	22	25	23	35
Dome Diameter (mm)	49	38	41	36	38
Compression Strength (Min)	120 kN	105 kN	110 kN	165 kN	220 kN
Hanger Loop	Yes				

PACKAGING AND TRANSPORTATION

PLATE DIMENSIONS	150 X 150 X 4 (mm)	150 X 150 X 5 (mm)
No of units	1000 Nos	825 Nos
Pallet Size (mm)	1450 x 1200	1450 x 1200

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.

MANUFACTURER

Minova Runaya Pvt Ltd

An ISO 9001:2015

Quality Management Certified Company

Certificate No. GSCI-IN/QMS/2024/007

CUSTOMER SERVICE

+91-1482-294929

Email: info.mrpl@minovarunaya.com

Website: www.minovaglobal.com

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