

Half ball



Half ball for use with spherical/triangle bearing plate to achieve a good transfer of forces with angular deviation of the bearing plate in relation to the bolt. This prevent bending momen on the bolt.

Stock programme:

Half ball: M20 – $\varnothing 22/\varnothing 50$
Half ball: M24 – $\varnothing 26/\varnothing 50$
Half ball: M27 – $\varnothing 29/\varnothing 50$
Half ball: M27 – $\varnothing 29/\varnothing 63$
Half ball: M33 – $\varnothing 34/\varnothing 63$

For use with rock support bolts.

Technical information:

Half ball: Material 19Mn5 (20Mn) or equivalent

Weight: 0.23 kg/pce.

Tested: Minimal deformation at loads up to 210 kN

Ref. drawings:	PTC-037	- M20 – $\varnothing 22/\varnothing 50$
	PTC-037-1	- M24 – $\varnothing 26/\varnothing 50$
	PTC-037-2	- M27/ $\varnothing 50$
	PTC-037-3	- M27/ $\varnothing 63$
	PTC-037-4	- M33 – $\varnothing 34/\varnothing 63$

Corrosion protection/Pc-Coat

Hot-dip galvanization is carried out in compliance with NS-EN-ISO 1461 and epoxy powder coating in compliance with NS-EN 13438. With regard to coating thickness and further information, please see Document Q/PTC-T19A – Specification for Pc-Coat – SVV/JBV.

Please also refer to the Pc-Coat Product Data Sheet and accompanying FDV documentation.

Accessories:

Spherical bearing plate