

Half ball compact



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 stress on the bolt.

Half ball compact is particularly suitable for use with our test fixture for rational and rapid tensile load testing.

Stock programme:

Half ball: M20 – Ø21/Ø50
 M24 – Ø26/Ø50
 M27 – Ø29/Ø50
 M30 – Ø32/Ø64

For use with rock support bolts.

Technical information:

Half ball: Material S235J2 (Q235D) or equivalent.

Weight: approx. 0.16 kg/pce.

Ref. drawings: PTC-124-1 – M20-Ø21
 PTC-124-2 – M24-Ø26
 PTC-124-3 – M27-Ø29
 PTC-124-4 – M32-Ø32

The half ball is hot forged.

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