

Paddle Bolts



Features

- Paddle Bolts are manufactured from deformed bars with “paddles” pressed on the up hole end which allows a smaller diameter bolt to mix chemical anchors in large diameter holes.
- Standard thread roll formed at one end.
- Designed to be used with resin capsules, but can be effectively used with cementitious grouts.
- Effective in coal rib stabilisation and mesh retention on rock embankments.
- Corrosion protection can be provided by hot dip galvanizing or alternative coatings. Details on request.

Technical Data

Bar diameter, mm	18	20	25
Min. Yield Load, kN	127	157	245
Min. Yield Strength, MPa	500	500	500
Min. Ultimate Load, kN	178	220	343
Min. Ultimate Tensile Strength, MPa	700	700	700
*Calculated Shear Load, kN	124	131.88	205.8
**Typical Elongation, %	20	20	20
Density, kg/m	2.059	2.58	3.75
Major Bar Diameter, mm	22.5	24	29
Cross Sectional Area, mm ²	254	314	490

*Calculated at 60% of Ultimate Tensile Load

**5.65√A

Notes

- Minimum order quantities may apply to this product
- Only ROCBOLT South Africa components should be used to enable the full performance of the bolt system to be obtained.