

Angled Ram Support 80

Angled Ram Support 80, manufactured from S700 steel (an alloy structural steel produced by thermomechanical rolling), allowing it to be lighter while delivering higher durability and strength for demanding rescue work.

It provides stable support for column rams against the corner of a door pillar and the roof arch during technical rescue operations. It is used for the stabilisation and support of structures in emergency and rescue situations. The contact working planes are positioned at an acute 80° angle. The welded design includes holes for belts or chains and a non-slip base with conical teeth to enhance anchoring and fit.

KEY FEATURES

- Designed to support column rams on specific bodywork geometry (door pillar corner + roof arch)
- Ultra light and high strength S700 steel
- Working plane angle: 80° (acute)
- Welded support with holes for belts/chains
- Non-slip base with conical teeth for quick anchoring and secure positioning
- Declared strength against deformation significantly exceeds forces generated by hydraulic spreaders used by fire service units
- Full zinc coating for long-term corrosion protection



TECHNICAL DATA

- Angle: 80°
- Weight: 5.45 kg
- Construction: Welded
- Material: S700 steel
- Corrosion protection: Zinc-coated
- Belt/chain attachment: Yes (holes)

PRIMARY APPLICATIONS

- Technical rescue stabilisation
- Support for column spreaders on door pillar corner with roof arch
- Stabilisation and support of structures in emergency/rescue situations
- Use with belts/chains (via holes)

PRODUCT-MARKET INSIGHT

The Angled Ram Support 80 addresses a critical gap in technical rescue operations by enabling safe and stable force application in complex vehicle geometries, particularly at door pillar and roof arch junctions. Its lightweight S700 steel construction combined with high deformation resistance makes it highly attractive for fire and rescue units seeking reliable performance without adding operational load. This product is especially relevant for modern rescue scenarios involving reinforced vehicle structures and limited access points.