

**MINING**

# Pipe spreaders

**TYPE RMR-V25**

*Certificate issued by the Central Mining Institute in Katowice  
Safety mark No. B/1295/IV/2014*

**DESCRIPTION**

The pipe spreaders consist of the following elements:

- connecting tube (connector)
- holder
- U bar or hook bolts

The connector, which is the main spacing element, is manufactured in the size  $\varnothing 42.4 \times 3.2$  mm.

Its length depends on the arch spacing. Both connector ends are appropriately bevelled and formed into oval shape to achieve better adherence to the holder. Assembly holes of  $\varnothing 22$  mm make it possible to join the connector with V25 section.

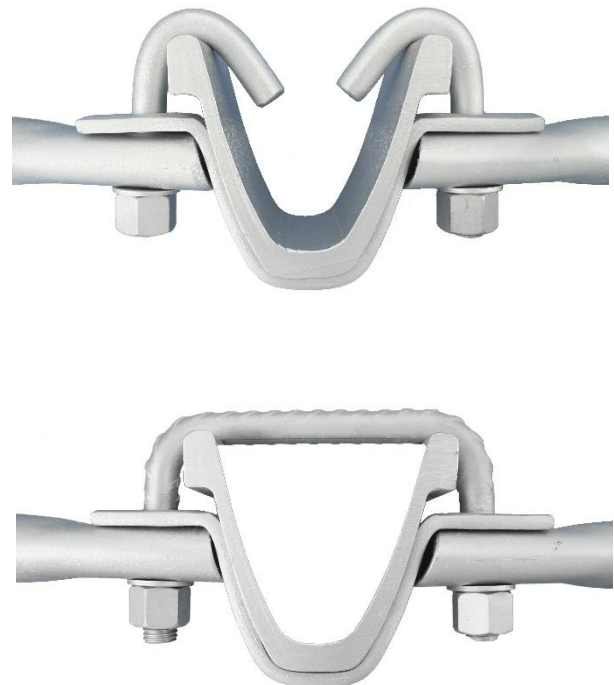
The holder is made of a flat bar of 8 x 40. The middle part of the holder tightly adheres to the arch section and the arms fit the connector.

U bar and hook bolts are made of plain bar with M20 thread.

Holders, U bars, hook bolts, nuts and washers are elements used for fastening the spreader to the V25 arches.

**APPLICATION AND USE**

Arch tube spreaders of type RMR V25 are used to stabilise and connect V25 roof support arches.



**ADVANTAGES**

- The spreader’s design ensures appropriate fixture - you only need to pay attention to tightening the bolts
- Easier to assemble than the spreaders typically used
- Ideal for slope excavation areas
- High axial strength resistance
- RMR-V25 spreaders comply with the PN-G-15000-7:1996 standard: “Supporting roadways with channel section arches”

**TECHNICAL DATA**

Parameter	Details
V25 Spacer tube diameter	Ø 42.4 x 2.9 mm ; Ø 42.4 x 3.2 mm
Arch spacing	500 ; 750 ; 1000 ; 1200 ; 1250 ; 1500 mm
U bar or hook bolt thread	M20 mm

**APPLICATION METHOD**

To assemble the RMR-V25 arch spreader put on first the M20 hook bolts or M20 U bar and then the holder. At the end, the connecting tube should be fixed with M20 nuts.

It is important to tighten the nuts fastening the spreader to the arch, inspect the structure regularly and tighten the connections as well as the arch locks.

The number of spreaders depends on the size of the support arch. The spreader should be at least 0.3 m away from the beam ends.

**PACKAGING AND TRANSPORTATION**

Packaging and transport on pallets or in containers, depending on the quantity ordered.

**APPROVALS AND CERTIFICATES**

- RMR-V25 arch tube spreader has a Certificate allowing the product to be marked with the safety mark No. B/1295/IV/2014 issued by the Central Mining Institute in Katowice.

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