

MINING

Pipe spreaders

TYPE RMR-V29

*Certificate issued by the Central Mining Institute in Katowice
Safety mark No. B/1294/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 following sizes: $\varnothing 42.4 \times 2.9$ mm or $\varnothing 42.4 \times 3.2$ 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 V29 section.

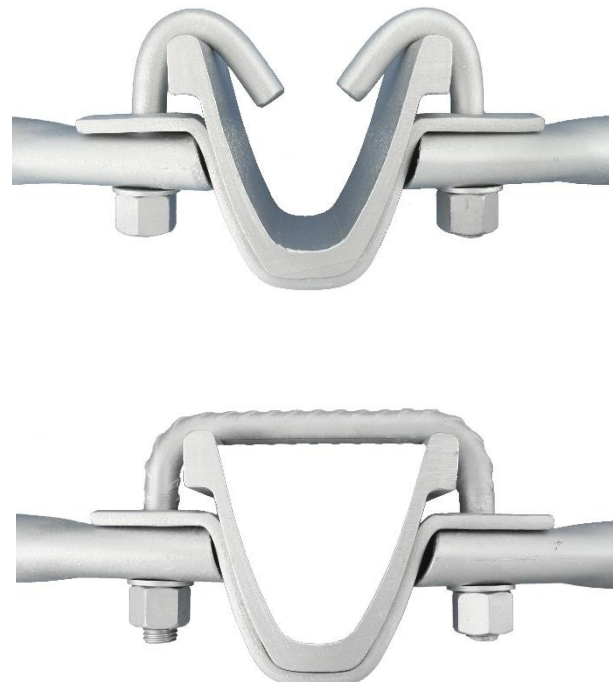
The holder is made of a flat bar of 8 x 40. The middle part of the holder tightly adheres to the arch section and the arms fit the connector.

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 V29 arches.

APPLICATION AND USE

Pipe spreaders type RMR-V29 are used to stabilise and connect V29 roof support arches.



ADVANTAGES

- The spacer’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-V29 spreaders comply with the PN-G-15000-7:1996 standard: “Supporting roadways with channel section arches”

TECHNICAL DATA

Parameter	Details
V29 Spacer tube diameter	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-V29 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-V29 arch tube spreader has a Certificate allowing the product to be marked with the safety mark No. B/1294/IV/2014 issued by the Central Mining Institute in Katowice.

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