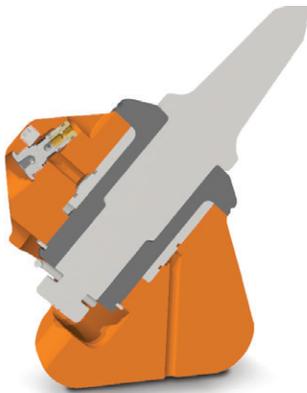


R100 block assembly



For strength and durability in your longwall operation

Optimized for productivity and designed to withstand the adverse conditions of longwall cutting applications, the R100 is the first Joy block assembly developed to be a dedicated rotating sleeve block assembly. This assembly features a larger diameter block body for strength and durability.

Quick benefits

- Dual-bit rotation helps keep the bit sharp, durable and efficient
- Rotating sleeve eliminates cumbersome installation and extraction tools
- Larger sleeve diameter protects the block from impact and abrasion

Quick specs

- 35 mm (1.4 in) bit
- 102 mm (4.0 in) gauge length
- 50-degree attack

Maintain longevity in the field

The rotating sleeve allows the cutting system to have dual-bit rotation, which allows for both the bit and the sleeve to rotate independently, keeping the bits sharp for long durations, even in rugged environments.

Eliminate installation and extraction tools

Designed to increase efficiency, the rotating sleeve's clearance makes it easier and quicker to change out when compared to a press fit sleeve. The rotating sleeve also helps reduce maintenance and downtime by eliminating cumbersome installation and extraction tools.

Optimize your cutting system

More body means more durability

Help increase strength and durability in the field with a block assembly that features a larger diameter block body. A larger body equates to a larger contact area for the sleeve to mate up against. More contact area helps lower component stresses, while its longer, cylindrical body helps mitigate the occurrence of "hour-glass"-type bore wear.

Faster troubleshooting

Be better prepared before equipment failures happen with a visual wear indicator line on the sleeve's outer diameter shoulder. The line shows the progression of sleeve life and indicates to the operator when it's time to change out for a new sleeve.

Mitigate the chance of cracks

With a rounded bottom that allows the block to be leaned without a pedestal, this also allows you to get a continuous weld bead around the base of the block. Continuous welds help moderate the chance of cracks that may occur at the weld root commonly observed at welded corners.

Discover what the R100 block assembly could mean for your longwall operation. Talk to an expert today.

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