

drill extension rod with male and female R32 thread

A male–female drill extension rod provides a tighter connection, is easier to operate than female–female coupling rods, enables faster disassembly, and can potentially drill straighter holes.

Drill Extension Rod Overview

The drill extension rod is a round cross-section drill rod, which is more commonly used for extending drilling operations.

Specifications of Drill Extension Rod

- Both ends have R32 male threads.
- One end has an R32 male thread, and the other end has an R32 female thread.



Guide Drill Rod with Male and Female R32 Thread



It is used as the initial rod for drilling operations to guide the drilling process, ensuring the starting direction and angle of the hole are accurate and allowing for smooth connection and drilling with subsequent rods. Like regular extension rods, the guide drill rod also features male and female threads, but it is mainly used for initial guidance during drilling, improving the accuracy of the drilling direction and the stability of the initial connection.


Differences Between Guide Drill Rod and Extension Rod

- **Extension rod:** Mainly used to extend drilling depth, usually without special guiding requirements.
- **Guide drill rod:** Used for initial guidance, often with higher precision or rigidity, and some feature specially designed tapered or structured heads to better guide the drilling process.

Technical Specifications

- **Length of the drill extension rod:** 915 mm, 1220 mm, 1525 mm, and 1830 mm are available.
- **Specifications of the drill extension rod:** Three different options are available—drill extension rod R32-round32-R32, drill extension rod with male and female R32 thread, and drill extension rod guide tube R32-round46-R32.
- **Weight:** Ranges from 4.8 kg to 14.2 kg; see the table for specific information.
- **Material:** High-strength alloy structural steel, 23CrNi3Mo
- **Manufacturing process:** Full carburizing

| Extension rod | L (mm) | L (foot) | D (mm) | D (inch) | Thread | Order number | Weight (kg) |
|--|--------|----------|--------|----------|--------|----------------|-------------|
| R32-Round32-R32  | 915 | 3 | 32 | 1 1/4 | R32 | B280-3209-5454 | 4.8 |
| | 1220 | 4 | 32 | 1 1/4 | R32 | B280-3212-5454 | 6.5 |
| R32-Round32-R32 MF rod  | 915 | 3 | 32 | 1 1/4 | R32 | B290-3209-5454 | 5.5 |
| | 1220 | 4 | 32 | 1 1/4 | R32 | B290-3212-5454 | 7.3 |
| | 1525 | 5 | 32 | 1 1/4 | R32 | B290-3215-5454 | 9.0 |

| Extension rod | L (mm) | L (foot) | D (mm) | D (inch) | Thread | Order number | Weight (kg) |
|---|--------|----------|--------|----------|--------|----------------|-------------|
| | 1830 | 6 | 32 | 1 1/4 | R32 | B290-3218-5454 | 10.5 |
| R32-Round46-R32 Guide tube  | 1220 | 4 | 46 | 1 3/4 | R32 | B200-4612-5454 | 10.0 |
| | 1525 | 5 | 46 | 1 3/4 | R32 | B200-4615-5454 | 12.5 |
| | 1830 | 6 | 46 | 1 3/4 | R32 | B200-4618-5454 | 14.2 |