

RCB

Retrievable cement bushing for COLOSSUS CMT and COLOSSUS UNC systems



Rated up to 10,000 psi
[68.9 MPa]



Rated up to 163 degC
[325 degF]

APPLICATIONS

- Cemented or uncemented liner
- Hydraulically or mechanically set liner hanger systems
- High-pressure, high-temperature environments

BENEFITS

- Simplifies well control and improves safety because packoff maintains pressure integrity to the liner toe
- Enhances well stability and safety because packoff ensures circulation of all cement behind the liner

FEATURES

- Full-circle locking lugs for optimum pressure resistance
- Small piston area to reduce forces on workstring during circulation and cementing operations
- Capability of retrieving bushing with setting tool, leaving full opening to liner
- Premium elastomers and bidirectional seals

The retrievable cement bushing (RCB) is composed of a body with locking lugs and interior and exterior seals. The RCB sits in a machined profile in the liner setting adapter, liner top packer, or profile sub. The recess on the polished OD setting tool slick joint allows retrieval of the RCB with the setting tool.

The RCB is optimized for the COLOSSUS CMT* cemented liner hanger system and COLOSSUS UNC* uncemented liner hanger system. It provides pressure integrity from the workstring to the liner. It remains in position throughout the running and cementing operation and allows liner-top packers to be pressure tested after they are set.

RCB Specifications

Liner Size, [†] in [mm]	Casing Size, in [mm]	Slick Joint Size, in [mm]
4.500 [114.3]	7.000 [177.8]	2.625 × 2.000 [66.7 × 50.8]
5.000 [127.0]	7.000 [177.8]	2.625 × 2.000 [66.7 × 50.8]
5.500 [139.7]	7.625 [193.7]	2.625 × 2.000 [66.7 × 50.8]
6.625 [168.3]	8.625 [219.1]	2.625 × 2.000 [66.7 × 50.8]
7.000 [177.8]	9.625 [244.5]	3.750 × 2.750 [95.3 × 69.9]
7.625 [193.7]	9.625 [244.5]	3.750 × 2.750 [95.3 × 69.9]
8.625 [219.1]	10.750 [273.0]	3.750 × 3.000 [95.3 × 76.2]
9.625 [244.5]	11.750 [298.5]	5.500 × 4.000 [139.7 × 101.6]
9.625 [244.5]	13.375 [339.8]	5.500 × 4.000 [139.7 × 101.6]
10.750 [273.0]	13.375 [339.8]	5.500 × 4.000 [139.7 × 101.6]
11.750 [298.5]	13.375 [339.8]	5.500 × 4.000 [139.7 × 101.6]
13.375 [339.8]	16.000 [406.0]	5.500 × 4.000 [139.7 × 101.6]
16.000 [406.0]	20.000 [508.0]	5.500 × 4.000 [139.7 × 101.6]

[†]Other sizes available on request



RCB retrievable cement bushing.