

INTRODUCING CRI's new underreamer ROTO LOC™

Center Rock's Revolutionary ROTO LOC[®]* Changes Everything!

- Faster penetration thru difficult overburden.
- Greatly reduced casing friction.
- Easy to retract out of casing.
- Replaceable components change out very efficiently.
- Positive locking wings can be used to hold/pull casing back.
- Elimination of the need for cutter teeth on the starter casings.
- Drive shoe not needed when duplex drilling.
- Pilot nose face is designed to allow for straighter drilling of angled rock formations.



Our technology optimizes your impact.

Phone: 814.267.7100 Toll Free: 888.267.9004 CENTERROCK.COM



**Drill Faster
Run Harder
Work Smarter**

**patent pending*

ROTO LOC™ SPECIFICATIONS

| SYSTEM | SHANK | WINGS | DIAMETER | | APPLICABLE CASING | | |
|---------------|-------|-------|----------|-----------|-------------------|-----------------|-------|
| | | | EXPANDED | RETRACTED | OUTSIDE DIAMETER | INSIDE DIAMETER | WALL |
| RL-0513-B34 | 340 | 3 | 5.54 | 4.07 | 5.125 | 4.250 | 0.438 |
| RL-0513-C40 | CR40 | 3 | 5.54 | 4.07 | 5.125 | 4.250 | 0.438 |
| RL-0550-B34 | 340 | 3 | 5.87 | 4.40 | 5.500 | 4.670 | 0.415 |
| RL-0550-C40 | CR40 | 3 | 5.87 | 4.40 | 5.500 | 4.670 | 0.415 |
| RL-0600-C40 | CR40 | 3 | 6.40 | 4.98 | 6.000 | 5.118 | 0.441 |
| RL-0600-Q5 | QL50 | 3 | 6.40 | 4.98 | 6.000 | 5.118 | 0.441 |
| RL-0663-Q5 | QL50 | 3 | 7.28 | 5.58 | 6.625 | 5.625 | 0.500 |
| RL-0663S-B35W | 350W | 3 | 7.28 | 5.58 | 6.625 | 5.625 | 0.500 |
| RL-0700-Q6 | QL60 | 3 | 7.75 | 5.90 | 7.000 | 6.000 | 0.500 |
| RL-0700-B35W | 350W | 3 | 7.75 | 5.90 | 7.000 | 6.000 | 0.500 |
| RL-0763-Q6 | QL60 | 3 | 8.35 | 6.50 | 7.625 | 6.625 | 0.500 |
| RL-0763-B35W | 350W | 3 | 8.35 | 6.50 | 7.625 | 6.625 | 0.500 |
| RL-0863-Q6 | QL60 | 3 | 9.33 | 7.54 | 8.625 | 7.625 | 0.500 |
| RL-0963-Q8 | QL80 | 3 | 10.38 | 8.39 | 9.625 | 8.565 | 0.530 |
| RL-1075-Q8 | QL80 | 3 | 11.42 | 9.45 | 10.750 | 9.560 | 0.595 |
| RL-1188-N10 | N10 | 3 | 12.40 | 10.43 | 11.875 | 10.715 | 0.580 |
| RL-1600X-Q12 | Q12 | 4 | 16.93 | 14.37 | 16.000 | 15.250 | 0.375 |
| RL-2000S-Q12 | Q12 | 4 | 20.87 | 17.93 | 20.000 | 19.000 | 0.500 |
| RL-2400S-Q20 | Q20 | 5 | 24.882 | 21.89 | 24.000 | 23.000 | 0.500 |

