

## Latch Style Cement Retainer Stringer

### Bridge Plugs & Retainers

The Latch Style Cement Retainer Stringer is used to operate the valve system in the wireline set Cement Retainer. The snap latch is run on the bottom of the tubing and automatically locates in the retainer bore. The snap-latch seal unit seals in the cement retainer bore and the collet system engages the latch thread at the top of the retainer bore. The collet on the snap latch requires 5,000 to 10,000 lbs. (2,200 to 4,500 daN) force to snap out of the retainer bore. The exact amount of force will depend on the size of the retainer and the amount of time the collet is engaged and disengaged. The snap latch allows for sufficient movement to open and close the valve while maintaining a seal in the cement retainer bore. The tubing is simply picked up to close the valve and set down to open the valve.

If it is not possible to remove the snap latch from the bore with a straight pull, then the collet may be disengaged with right-hand rotation.

| Latch Style Cement Retainer Stringer |       |            |       |
|--------------------------------------|-------|------------|-------|
| Casing O.D.                          |       | Connection |       |
| in                                   | mm    | in         | mm    |
| 4-1/2                                | 114.3 | 2-3/8 EUE  | 60.30 |
| 5                                    | 127.0 |            |       |
| 5-1/2                                | 139.7 | 2-7/8 EUE  | 73.00 |
| 6-5/8                                | 168.3 |            |       |
| 7                                    | 177.8 |            |       |
| 7-5/8                                | 193.7 |            |       |
| 8-5/8                                | 219.1 |            |       |
| 9-5/8                                | 244.5 |            |       |

