

Product Sheet: Cement Retainer Assembly (CRA)

Product Description

The Cement Retainer Assembly (CRA) can together with an ME Packer (or any standard intervention packer on request), serve as a temporary barrier before commencement of a cementing operation. Qualification Level is according to ISO-14310-V1.

Product Application

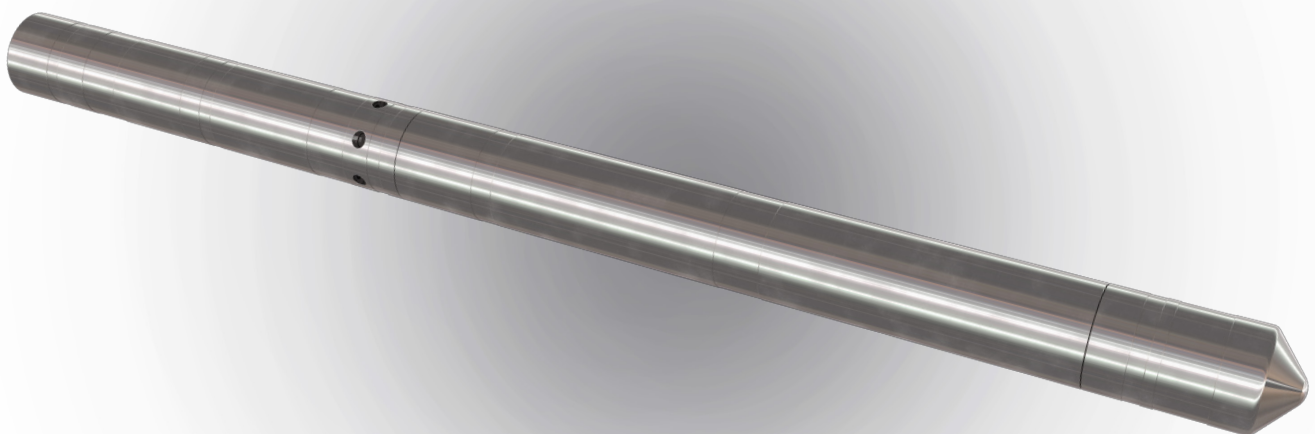
It is often a requirement to install a deep set barrier in the well before the well abandonment activities can be started. The CRA can then be used, together with a barrier packer, to temporarily secure the well.

The unique internal sliding sleeve system will thereafter be opened by the pipe deployed stinger assembly for cement slurry to pass and be pumped into the reservoir. After the cement job is finished the stinger will be pulled up and sliding sleeve will close.

Product Benefits:

The Cement Retainer is an ISO qualified tool, suitable as a temporary barrier element for P&A operations.

In addition, the CRA and packer can be pulled by wireline if cementing through retainer is not required.



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Product Features

- Large circulation ports
- Large ID
- Position indication system
- Barrier qualified

Technical Specifications (Cement Retainer)

Model/OD	4.20"	5.50"
ID	1.42"	1.77"
Makeup length	1.85 m (72.83")	1.86 m (73.23")
Snap in/out force	5,500 lbf/4400 lbf	6,600 lbf/5,500 lbf

Technical Specifications (Stinger)

OD	4.20"	5.00"
ID	0.787"	1.77"
Makeup length	2.98 m (117.5")	3.00 m (118.11")