

Para-Bow cementing tool

Stop heavier cements from moving through lighter fluids

Applications

Balanced-plug cementing in open or cased holes

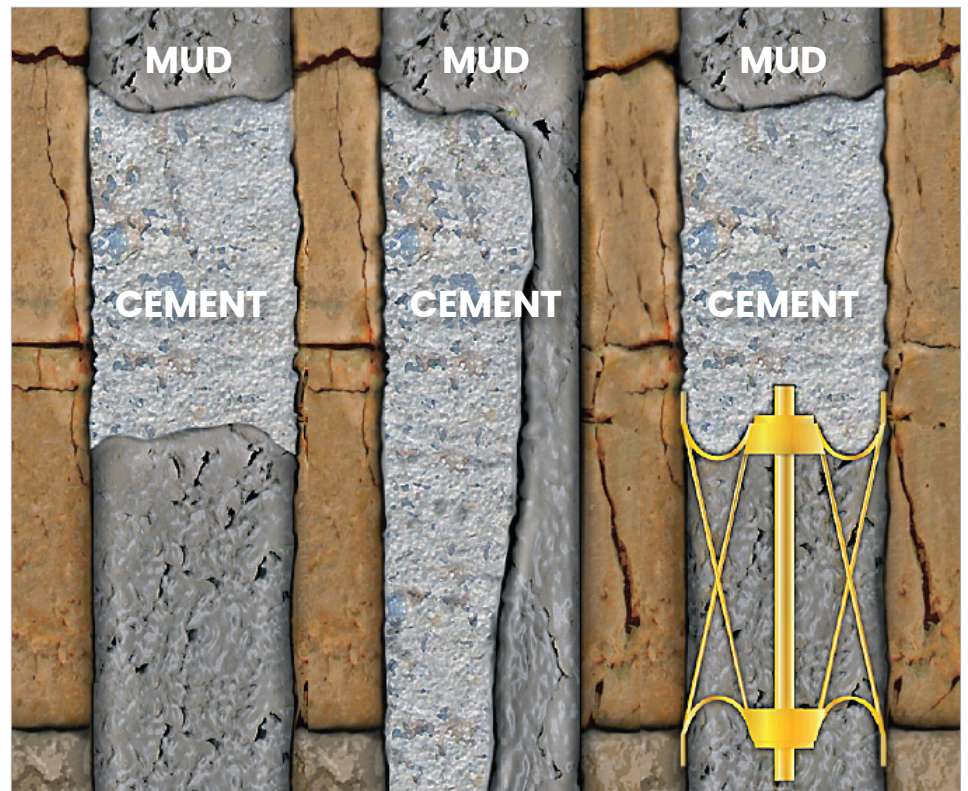
Features and Benefits

- Unique umbrella design
 - Lowers the chance of poor plug cementing jobs
 - Reduces mud conditioning time by stopping the movement of heavier cements
- One-connection hookup
 - Rigs up easily
- Available in single-ball or dart-drop configurations
 - Improves operational flexibility
- Retrievable running tool
 - Is easily redressed after running
- Simple construction with drillable metallurgy
 - Refill can be easily drilled with a polydiamond crystalline drill bit

The **Para-Bow™ cementing tool** from Baker Hughes can be used in cased or open holes from 2.4 to 22 in. (61.0 to 558.8 mm). Used to place cement plugs with accuracy, the Para-Bow tool's umbrella-shaped membranes conform to hole irregularities and stop the movement of heavier cements through lighter fluids. It works by diverting cement through ports at the end of the running tool to create the plug.

A coiled tubing-deployed version is available for use in holes up to 9 in. (228.5 mm) in size.

Contact your Baker Hughes representative today to find out more about how our Para-Bow cementing tool can stop the movement of heavier cements through lighter fluids while creating a cement plug.



Ideal cement plug

Potential without Para-Bow tool

With Para-Bow tool

Typical properties

Maximum OD tool		Minimum ID workstring		Length		Extrusion pressure		Thread connection	
in.	mm	in.	mm	ft	m	psi	bar	in	mm
Coiled tubing-deployed Para-Bow cementing tool									
2.13	54.1	0.785	19.9	4.27	1.3	1800	124.1	1.7-19 SA NOWSCO	n/a
Standard Para-Bow cementing tool									
5.38	136.7	2.32	58.9	8.41	2.56	1750 with ball	120.7	3.500 IF	88.9
						2900 with dart	199.9		

Product family no. H43923