

# K-1 cement retainer

Product family No. H40021 (mechanical set)

Product family No. H40023 (wireline set)

## Features and Benefits

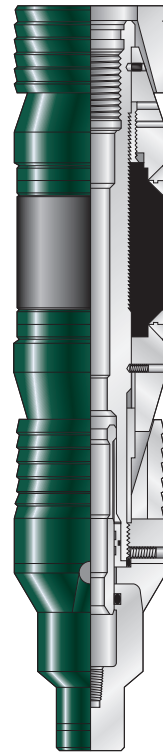
- Tubing or electric line set—can be set by mechanical or hydraulic methods on tubing or drillpipe or run and set on electric line
- Faster, safer run-in-run-in speed is up to the operator—Baker Hughes' locked construction design and larger clearance make this possible
- Tests tubing—tubing can be tested before squeezing by picking up to close the valve and applying pressure
- Holds final squeeze pressure—automatic closing of the valve when picking up or removal of stinger, ensures holding the squeeze under final pressure as cement is circulated out
- Isolates squeeze from hydrostatic pressure—keeping hydrostatic pressure off the zone just squeezed is important, especially for cementing low-fluid-level wells in batch-squeeze operations—Baker Hughes' unique valve guarantees an effective seal
- Fast drillout—new material specifications developed especially for the K-1 cement retainers result in faster drillout

The **K-1™ cement retainer** is the most versatile squeeze tool in the industry. The K-1 is available in most casing sizes and has an optional sliding valve or flapper valve pressure containment device. The K-1 can be set on wireline or threaded pipe utilizing Baker Hughes successful line of setting tools.

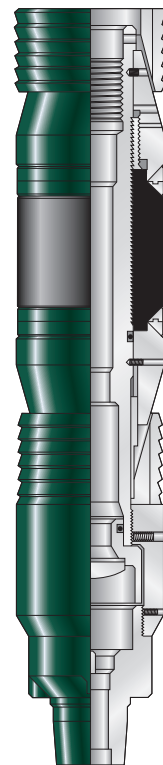
The K-1 cement retainer's two-way valve is controlled from the surface; no springs to cock or stick; just pick up to close; set down to open. Maximum clearance for fast running plus improved drillability and pressure ratings make it the right choice.

## Element selection for K-1 cement retainers

The K-1 cement retainer is available with two different durometer packing elements for oilfield use. For well temperatures up to 225°F (107.22°C) a 70 Hd packing element can be used. For well conditions from 100°F (37.78°C) to 400°F (204.44°C) a 90 Hd packing element is recommended.



K-1 wireline set cement retainer with sliding valve  
Product family No. H40023



K-1 wireline set cement retainer with flapper valve  
Product family No. H40024