

DESCRIPTION

A-SCA, A-202-Swab Cup Assembly

The Swab Cup Assembly is particularly useful in applications where the liner does not require to be cemented, like slotted liner applications or running screens. Used in conjunction with a hydraulic Liner Hanger System.

The Swab Cups provide an effective seal below the setting ports, thereby allowing the liner hanger to be set and other tools requiring hydraulic pressure to be actuated. It effectively replaces the need for using a pack-off bushing for pressure isolation.

The Swab cups are reinforced with a metal skeleton, to ensure optimum performance even in challenging well conditions.

The A-SCA is run on the tail pipe below the setting tool and provides a thru bore.

Wire inserts cups are usually used. It let for repeatable expansion and contraction of swab cup elements. They are used in applications where continuous working of cup is required.

FEATURES

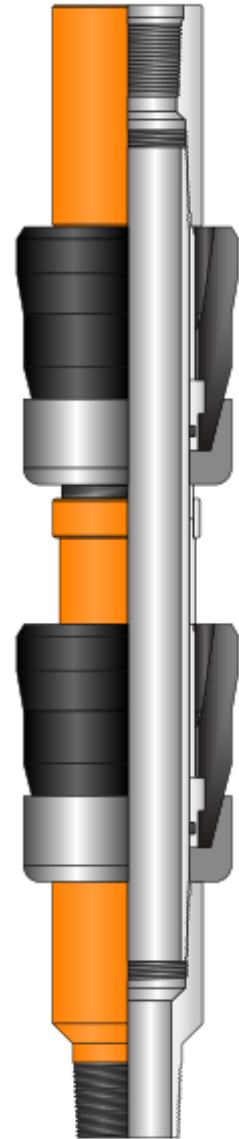
- Robust design accommodates high-pressure
- Easy to redress
- Cups are available with or without wire mesh as required
- Offered with or without ports as per customer requirement
- Ports are available for setting and circulation

BENEFITS

- Isolates setting pressure
- Thru bore to allow for setting balls and tools to pass thru
- Swab cups with metal skeleton for enhanced performance
- Can be redressed with suitable elastomer grade of element, based on temperature, pressure and environment service condition
- Optional incorporated yieldable ball seat promotes reliable hanger setting
- Provided with required thread connections and corresponding IDs

APPLICATIONS

- Hydraulic Liner Hanger system for non-cemented applications
- Cementing pack off on small and cost-effective liner systems
- Lower pack off on liner jobs using hydraulically set hangers



DIMENSIONAL SPECIFICATIONS

Casing/Liner Sizes (inch)	Liner Weight (lb/ft)	Thimble OD (inch)	Minimum ID (in.)
4	9.5-11.6	3.25	1.63
4-1/2	9.5-11.6	3.80	1.88
5	15-18	4.125	2.00
5-1/2	15.5-23 26	4.50 4.75	2.37 2.37
6-5/8	24-28	5.500	2.75
7	29-32	5.875	2.75
7-5/8	33.7-39	6.375	2.75

Additional sizes with weight ranges available on request.