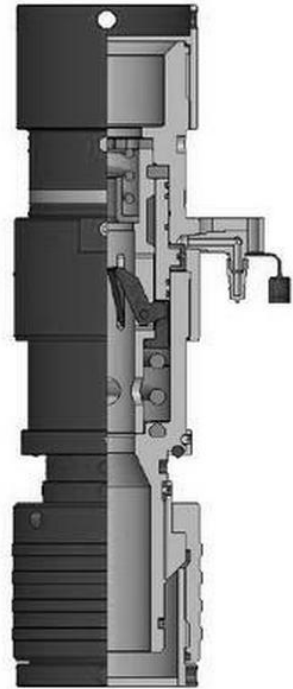




Hydraulic Tool Catcher & Ball Check Valve

Hydraulic Tool Catcher is a safety device for installation below the Grease Injection Head or Slickline Stuffing Box. If the tool is pulled into the top of the Lubricator and the wire stripped from the Rope Socket, the Tool Catcher will engage the tool's fishing neck and prevent the loss of the tool string into the well bore. The Tool Catcher is designed to be fail-safe: it is permanently in the catch position and requires hydraulic pressure to release.

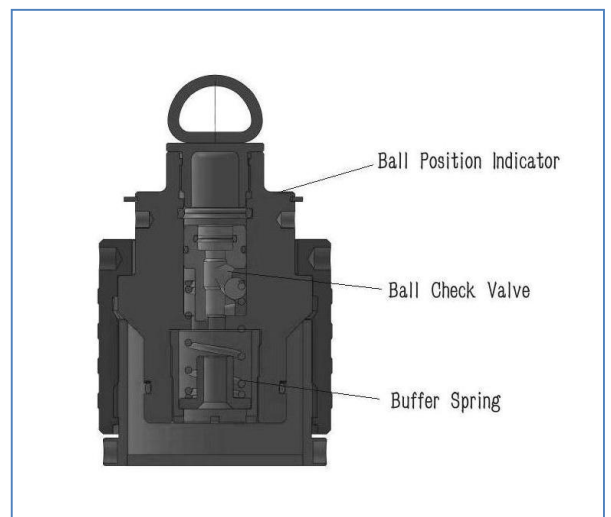
In an additional safety feature, Hydraulic Tool Catchers are assembled with **Ball Check Valves** that effectively seal off wellbore pressure in the event of a pull-off. Once the wire falling off or broken from the Rope Socket accidentally, under the function of the high pressure flow or the airflow, the Ball Check Valve can plug the wire hole to choke flow and seal wellhead automatically.



There are two types of Ball Check Valves for selective. One is the Tool Catcher supplied with an integral Ball Check Valve Assembly. Another Ball Check Valve is designed to assemble in a separately Crossover. And the second type will be recommended because it is easy for assembly, maintenance and flexible in application. The Hydraulic Tool Catcher with separated Ball Check Valve could service in Working Pressure 15000Psi.

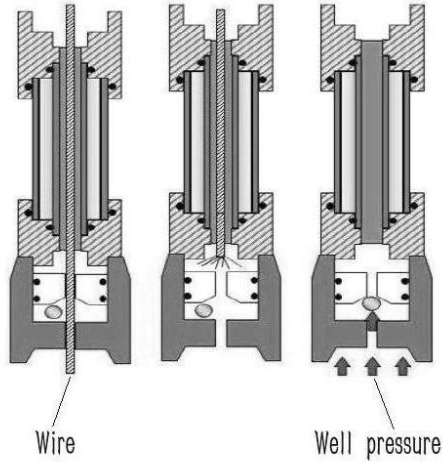
Feature

- 1) Single piece collect for easy assembly.
- 2) Reliable catching from 1" to 1.75" fishing neck.
- 3) Cushioning device for Rope Socket.
- 4) Remote hydraulic operation, enhanced operational safety.



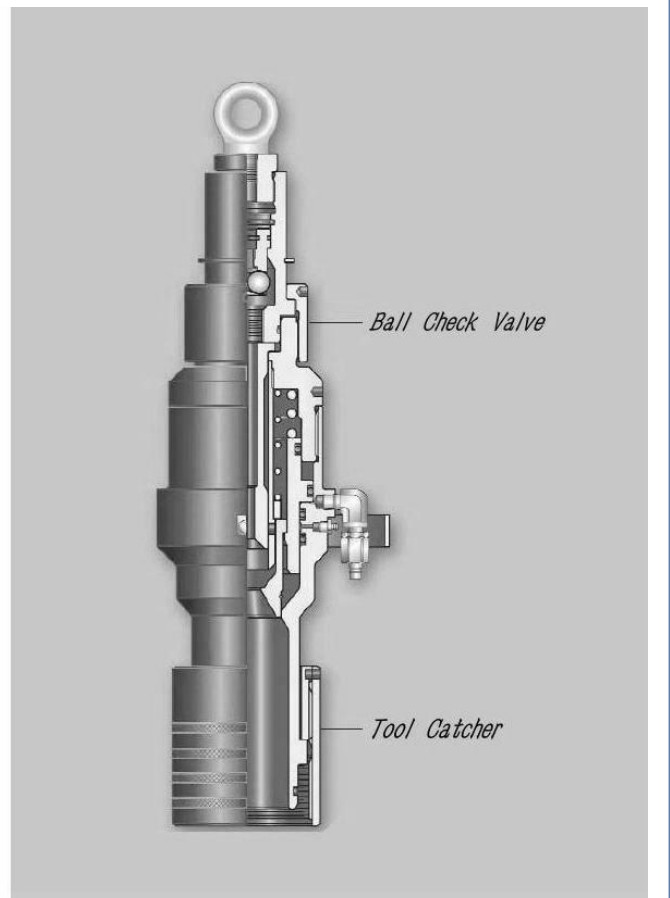
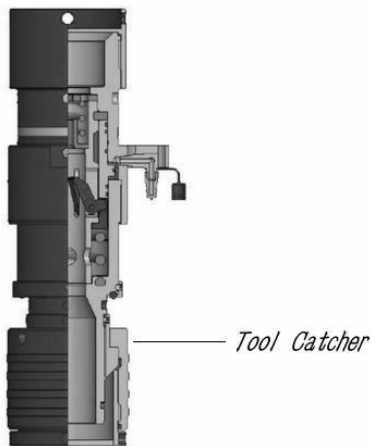
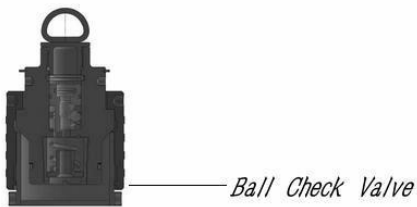


Ball Function Show



Features

- Act as an assist in removing connection parts
- Prevent the cable from falling into the well when pulling the Rope Socket rapidly
- In event of the wire be pulled out, prevent wellhead pressure from leaking out
- Centralized the Sealing Head position to facilitate cable pass through





Main Parameter

- 1) Working Pressure
- 2) Ball Check Valve required or not
- 3) Upper and Lower Union Required (Bowen or Otis)
- 4) Service Environment (STD or H2S)
- 5) Working Temperature



Hydraulic Tool Catcher with Integral Ball Check Valve						
Model	Working Pressure	Catch Range	Upper Connection	Lower Connection	Service	Working Temperature
SBZ5-21	3000Psi	1"~1.75"	2"-10TPI	3 1/2"-6SA Type W	STD or H2S	P + U -20°F~+250°F (-29°C~+121°C) Or As Required
SBZ6-35	5000Psi			4 1/4"-4ACME Type W		
SBZ6-70	10000Psi			4 3/4"-4ACME Type B		
SBZ7-35	5000Psi			4 3/4"-4ACME Type B		
SBZ7-70	10000Psi			5 3/4"-4ACME Type O		
SBZ10-35	5000Psi			6 1/2"-4ACME Type O		
SBZ10-70	10000Psi			8 3/8"-4ACME Type O		
SBZ12-70	10000Psi			7 1/2"-4ACME Type O		
SBZ13-70	10000Psi			9"-4ACME Type O		
SBZ14-70	10000Psi			9 1/2"-4ACME Type O		
SBZ16-35	5000Psi			9 1/2"-4ACME Type O		
SBZ16-70	10000Psi			11 1/2"-4ACME Type O		

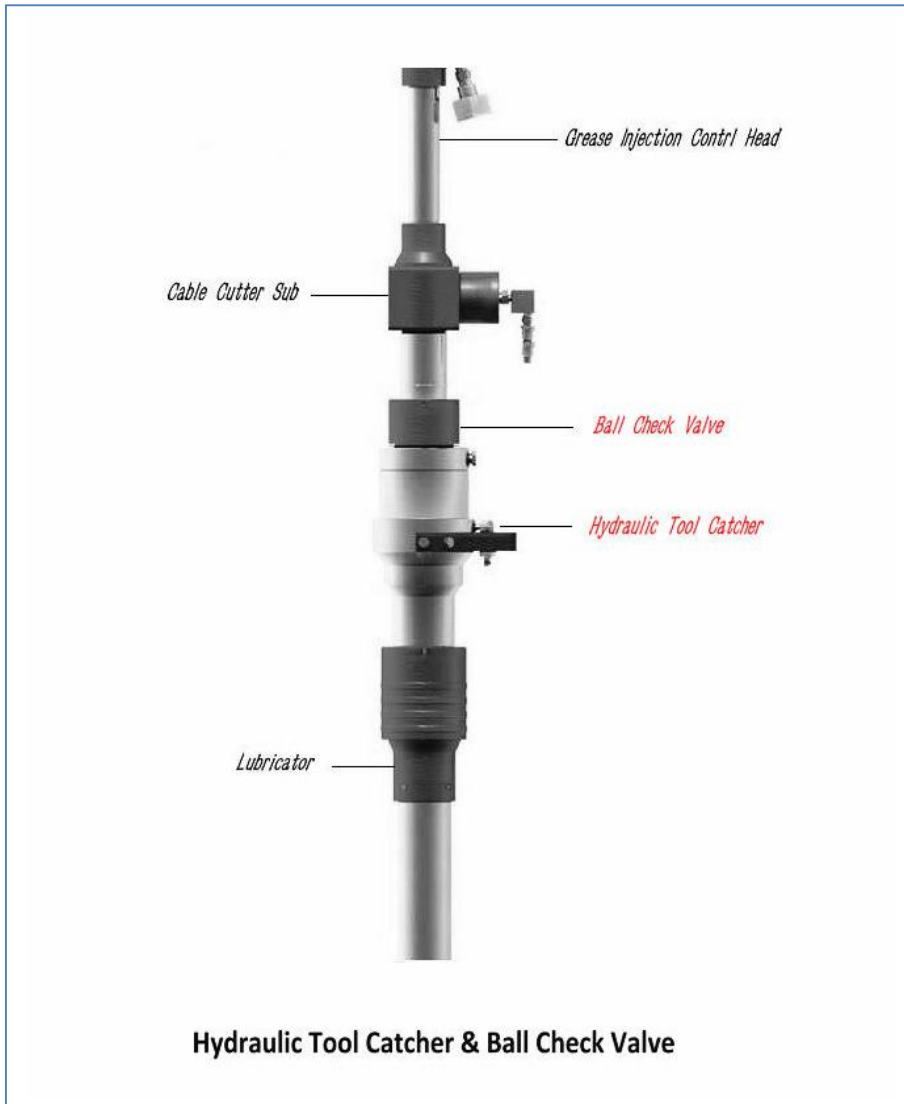
Note

- 1) There are Bowen (Type B), Otis (Type O) and our own Quick Union (Type W) for threaded selective.
- 2) Additional size available on request.



Normal Guarantee Period

12 months after the clients received the Equipment
or 13 months after the commodity be shipped from Chinese Harbor.



Information Required When Inquiry

If you will purchase the whole Wireline PCE,
please refer to the [Information Required When Inquiry](#) in Chapter 《Wireline PCE》 .
If you purchase the Hydraulic Tool Catcher separately,
the **Main Parameter** information above mentioned will be asked.

Subject to change without notice