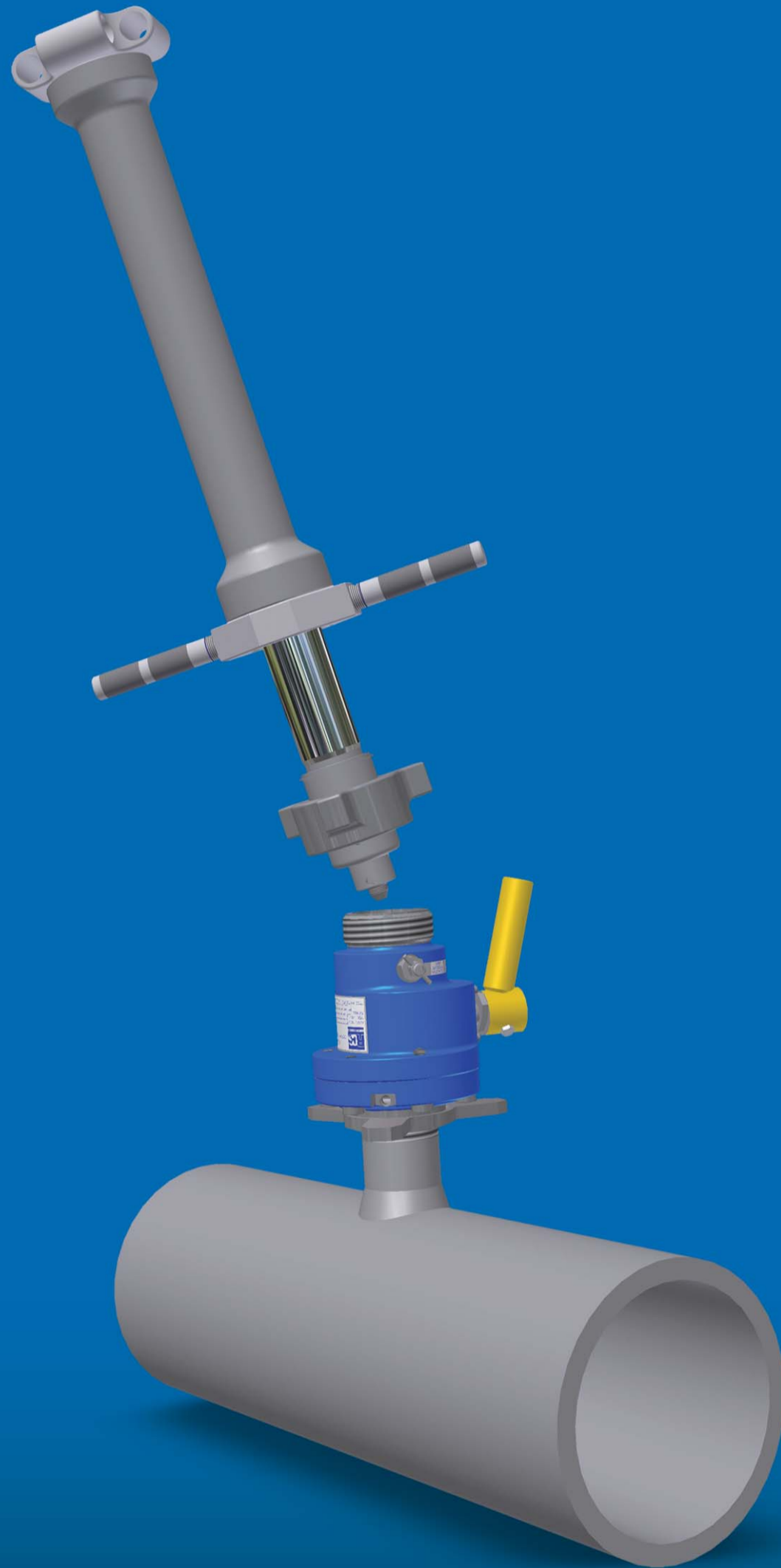


COSASCO[®] SYSTEMS

Access Under Pressure





Cosasco® RBS/RBSA Retriever Kit

In harsh environments, the Cosasco Retriever is unmatched for quality and reliability.

Corrosion, an expensive and potentially disastrous phenomenon, is the leading cause of process equipment and piping failure, requiring companies to pay billions of dollars annually in replacement costs and downtime. In response to the need to safely install and retrieve corrosion monitoring or other devices in high pressure systems where system shutdown is impractical and expensive, Rohrback Cosasco Systems (RCS) developed the Cosasco Access System.

Refined and perfected over years of practical service, Cosasco Access Systems are the safest and most reliable for use in hundreds of applications in oilfields, refineries, and other plants where access into a pipe or pressure vessel is required. Using the Cosasco Access System, you can access high-pressure systems — under full working pressure — without shutdown or product loss, for the insertion and retrieval of corrosion monitoring and control components quickly and safely.

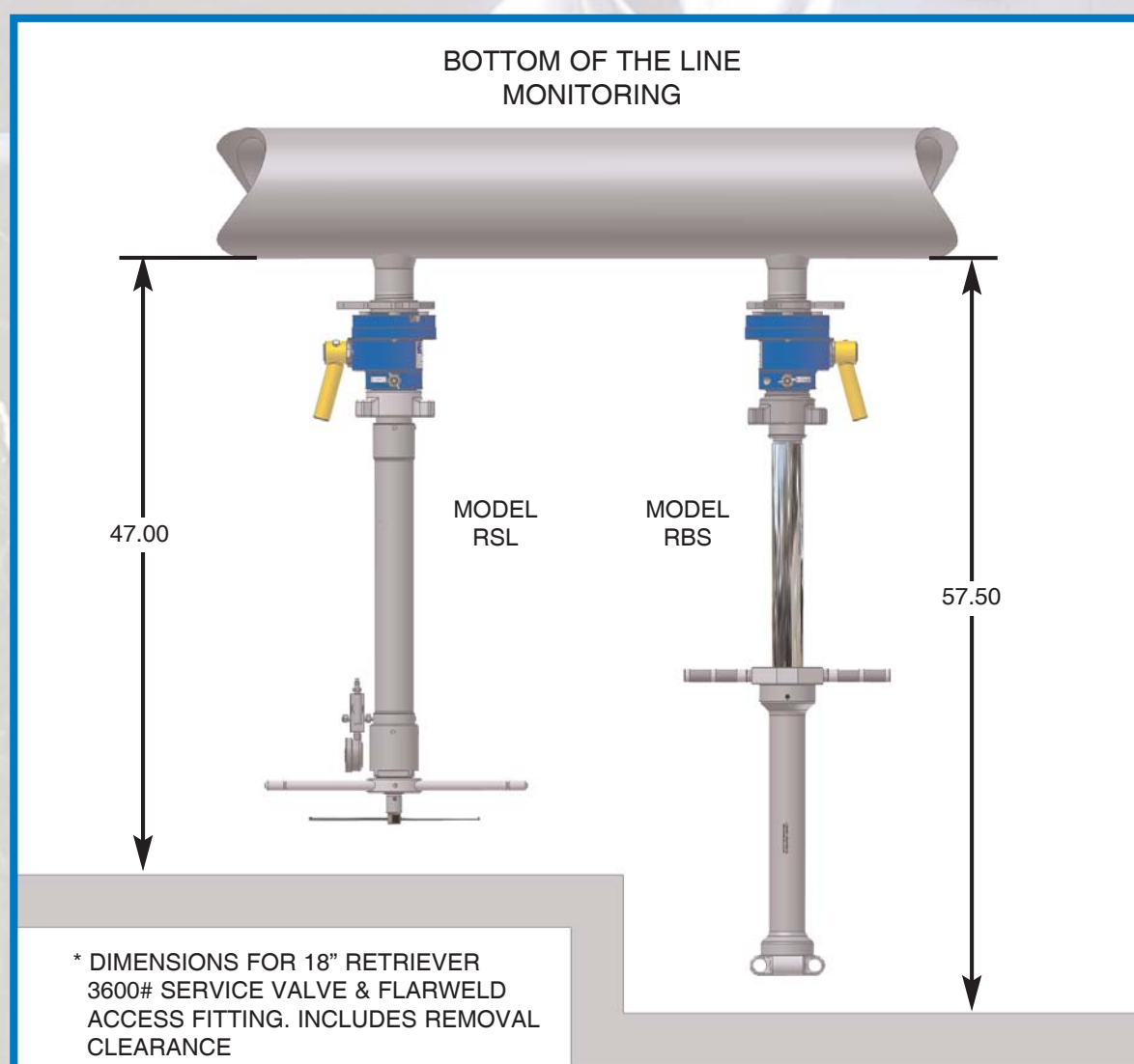
**Access high-pressure systems
under full working pressure
without shutdown or product loss!**

RCS offers the most complete system, broadest technical assistance, largest inventory of parts, and the most reliable products available. In fact, the Cosasco Retriever is the most widely used throughout the world and Cosasco fittings are considered the standard of the industry.

This system is the result of meticulous attention to engineering design, precise manufacturing, and skillful assembly. With these basic ingredients, Cosasco Systems comply with all necessary pressure codes, as well as NACE MR 01-75 standards for the prevention of sulfide stress cracking (SSC).

Built on the heritage of the RBS/RBSA retriever, RCS recently introduced a shorter, non-telescoping retriever, called the RSL, for those tight bottom-of-the-line installations. The design reduces the clearance required for access by over 10 inches (see diagram). The RSL retriever is completely self-contained without the need of hydraulics or additional equipment.

**ACCESS UNDER
PRESSURE
MEANS
NO EXPENSIVE
SHUTDOWNS**

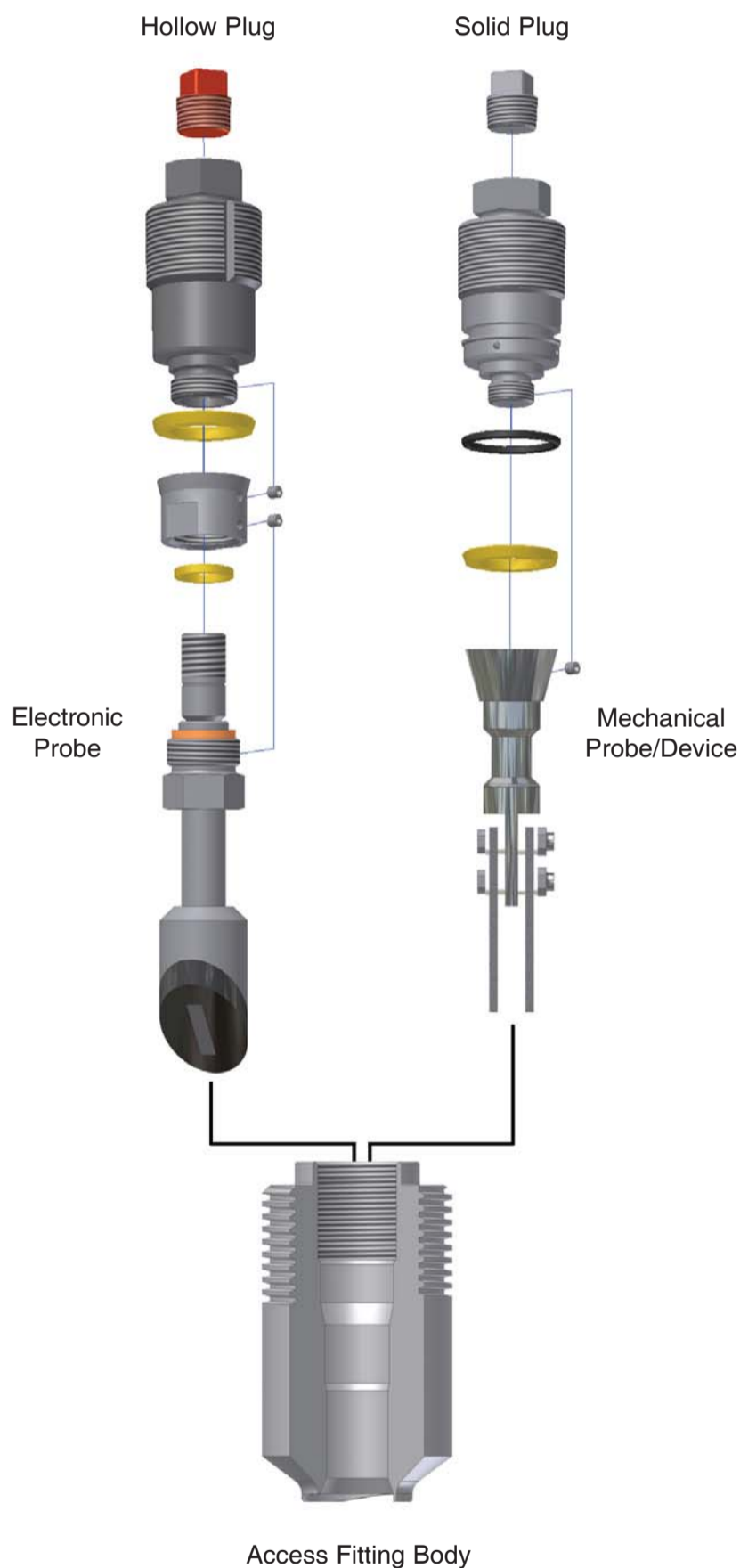


Reduced clearance for RSL Retriever

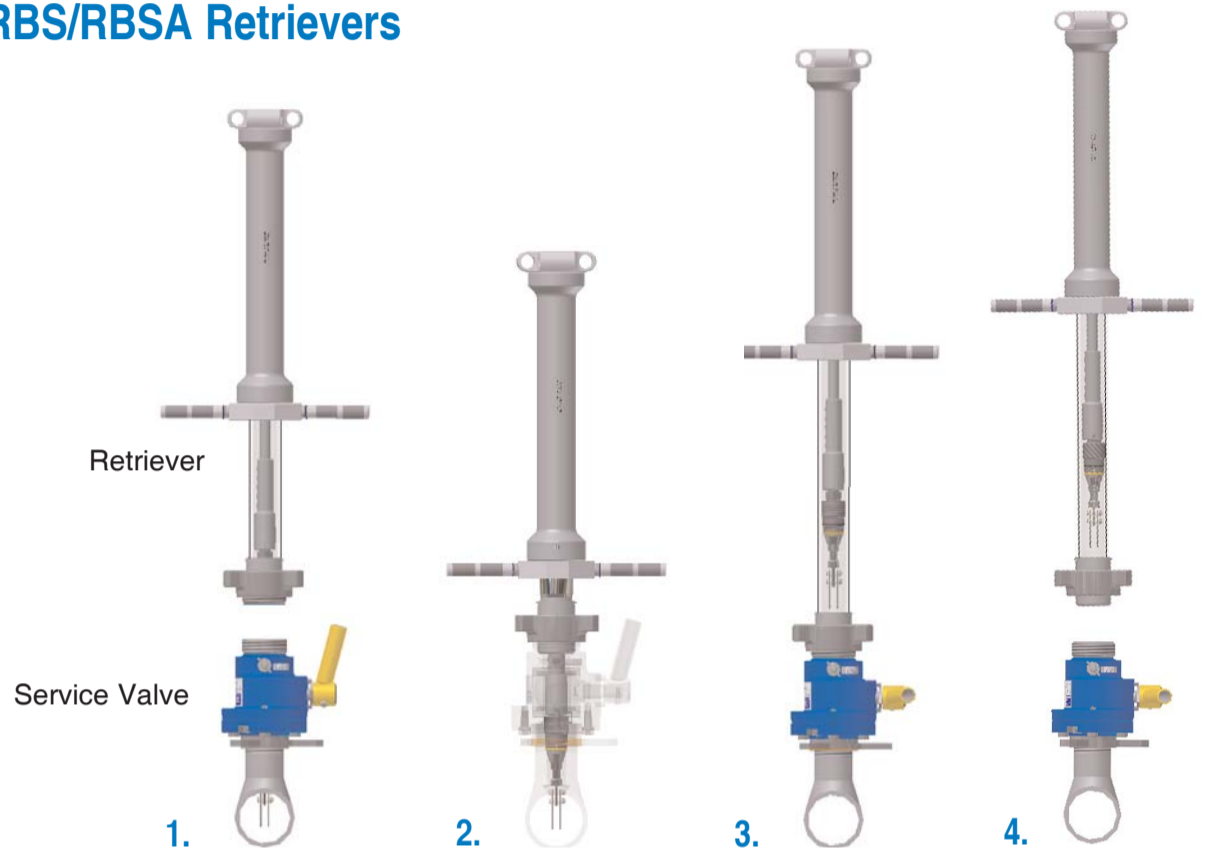
HOW THE COSASCO SYSTEM WORKS

The Cosasco System consists of an access fitting with a solid or hollow plug in it to carry the monitoring or injection device, a service valve, and a retrieval tool. The access fitting is permanently attached to the vessel or pipe, and the service valve and retriever are used to insert or remove the various probes, coupons, or injection equipment.

Flarweld Access Fitting Assembly



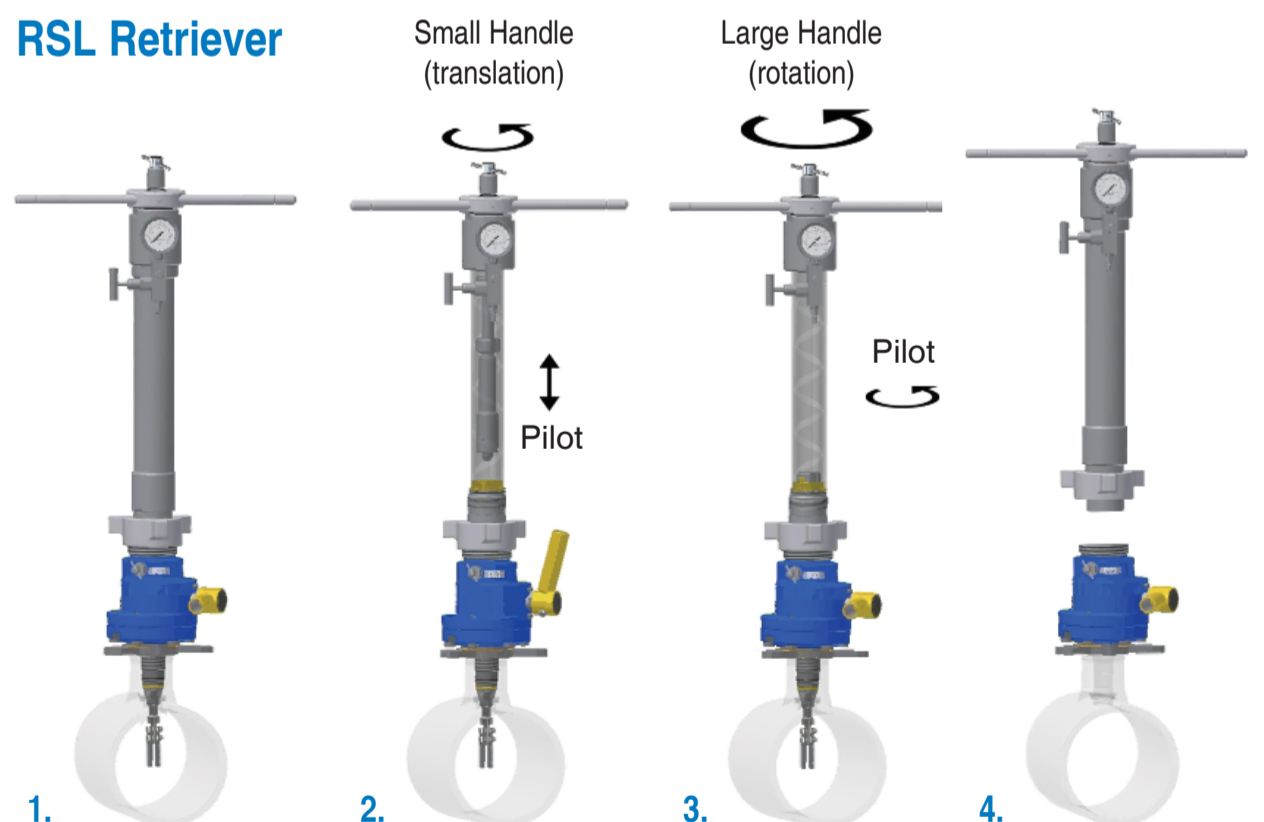
RBS/RBSA Retrievers



Sequence of Operation

1. Attach service valve and retriever to access fitting.
2. Engage plug with retriever. Unscrew plug. Pressurize retriever.
3. Retract retriever, with plug. Close valve to isolate process.
4. Depressurize retriever, remove plug. Reverse procedure to install.

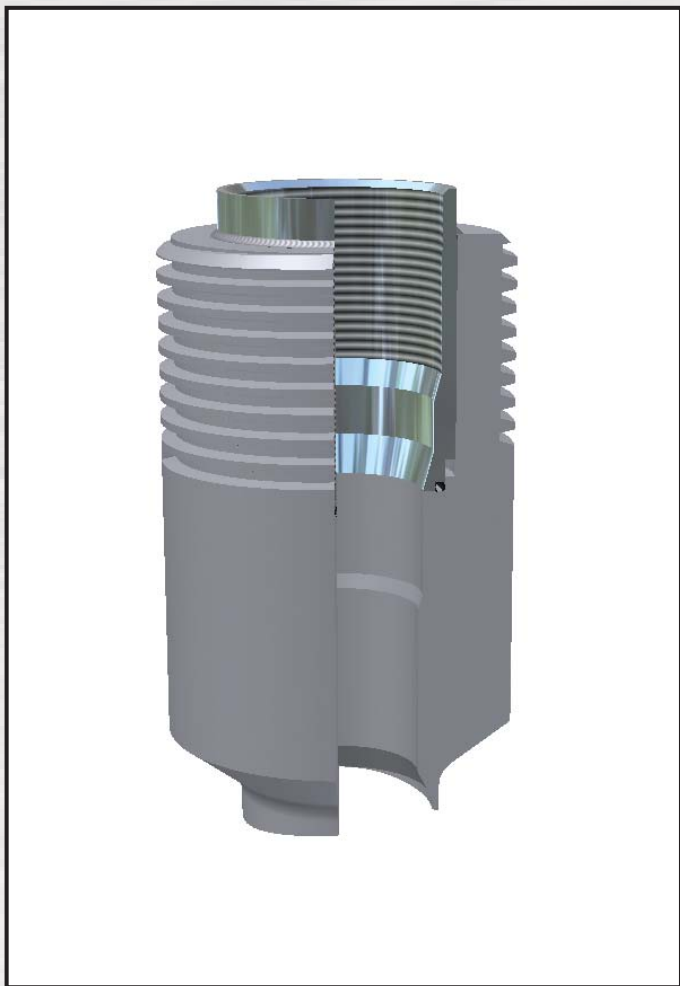
RSL Retriever



THERE IS NO BETTER RECOMMENDATION
THAN IN-THE-FIELD SUCCESS

We at RCS take pride in our reputation for quality control, state-of-the-art craftsmanship, unparalleled service, reliability, and safety. From development and manufacturing through implementation, the team

behind Cosasco Access Systems has demonstrated a commitment to excellence. And our years of success in the field is the best indicator of what we can offer you.



Patented CR Fitting With Highly Corrosion Resistant Alloy Insert



Model 60 Medium Pressure Retractor



Variety of Cosasco devices that can be inserted into a pressurized system.

COSASCO OFFERS SAFE, RELIABLE SOLUTIONS TO MEET YOUR REQUIREMENTS

Innovation is a priority at RCS as we seek to provide solutions for our customer's needs — whether they require options for severe service, lower pressure systems, or something in between. Rohrback Cosasco has recently released its new, patented Highly Corrosion Resistant (CR) Alloy Insert Fitting for severe service.

Unique to the industry, Rohrback Cosasco's Coupons, Probes, Injection Quills, and more, can be inserted and removed at pressures up to 6000 psi. Cosasco Medium Pressure Retractable Systems are available for pressure under 1500 psi (Model 60 Series). With the Cosasco Hot Tap Tool, Cosasco Fittings can also be installed without shutdown.

ABOUT ROHRBACK COSASCO SYSTEMS

Rohrback Cosasco Systems (RCS) has been the world leader in corrosion monitoring since 1950. In addition to our state-of-the-art monitoring equipment and systems, which we manufacture and sell worldwide, we also provide:

- System Engineering Services
- Installation
- Commissioning
- Cosasco Field Services
- Ongoing Support For Equipment And Software

Additionally, we can do the actual monitoring either on-site or remotely using communication systems such as radio and two-way paging.

Representative:

Please contact us for more information about our systems and services:



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