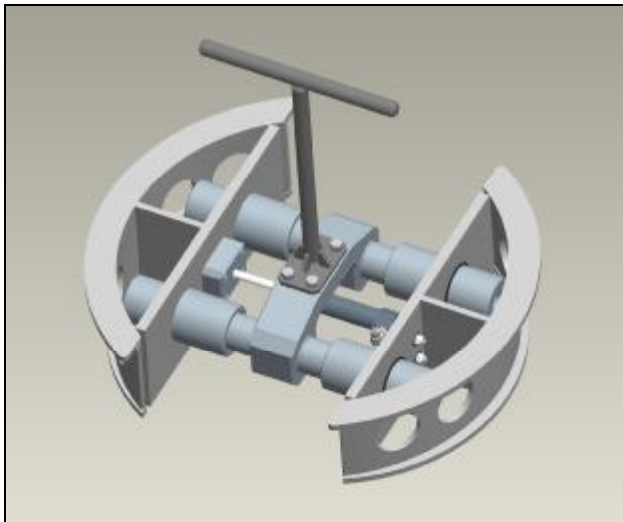



## AX/VX SEAL REPLACEMENT TOOL

The [AX/VX Seal Replacement Tool](#) is an expandable clamp designed for safe & reliable removal/replacement of AX/VX seal rings by an ROV. Comprised of two clamp segments and controlled by a single hydraulic cylinder. The tool is retracted for insertion into the seal and released by returning to open center on the control valve. Spring force alone will grip and retain the seal ring in the event of loss of hydraulic pressure. The tool is constructed of aluminum and the handle is stainless steel.



The AX/VX Seal Replacement Tool is connected to the ROV's hydraulic supply and should be functioned with an open center control valve. Applying approximately 1800 PSI will retract the tool for insertion into the bore of the seal. The large flange of the tool is landed on top of the seal and when pressure is decreased, spring force will expand the tool and grip the seal. The seal ring can then be removed using the appropriate Tee Handle depending upon clearance between the mating equipment. In the event of loss of pressure, the tool will maintain the grip on the seal ring. Retracting the tool will release the seal. 



### SPECIFICATIONS

#### AX/VX SEAL REPLACEMENT TOOL

- Construction: AL 6061-T6, Spring Steel (Powder Coated) and 316 SS
- Hydraulic Pressure Range: 2000-3000 PSI
- Hydraulic Clamping Force: 921 lb
- Hydraulic Retraction Force: 588 lb
- Nominal Seal Clamping Force (Springs Only): 140 lb
- Minimum Seal Diameter: 18.500"
- Maximum Seal Diameter: 18.875"
- Maximum Seal Height: 4.375"
- Minimum Tool Insertion Seal Clearance: 1.500"
- Maximum Extracted Outside Diameter: 20.875"
- Minimum Contracted Outside Diameter: 18.625"
- Dry Weight: 30 lb