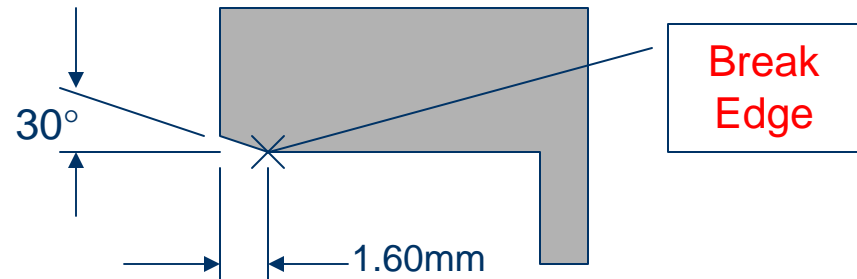
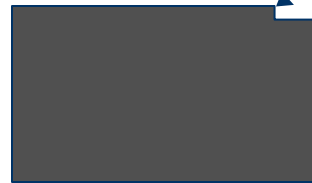


# CR-6100

## Must be installed in compression

### Machine the components to facilitate press operation

Line to line pilot on CR-6100, 2.00 to 2.50 mm deep on leading edge

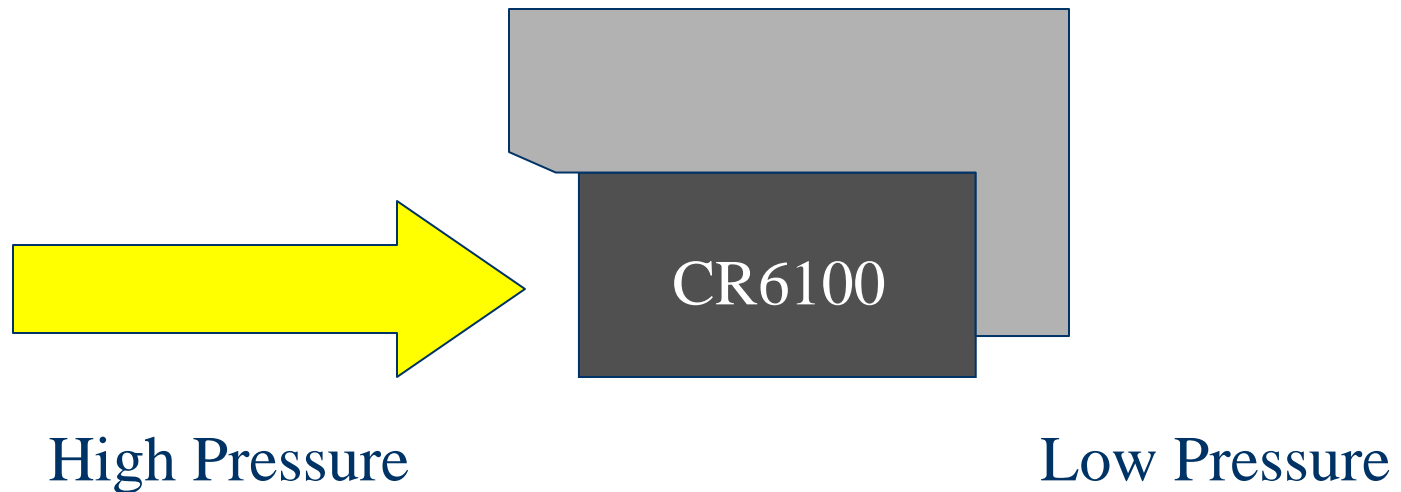


- Pilot or chamfer on CR-6100 material
- No heating or freezing needed

- 30 Degree Chamfer, 1.60mm Deep
- **Break All Edges !!!**

# Differential Pressure

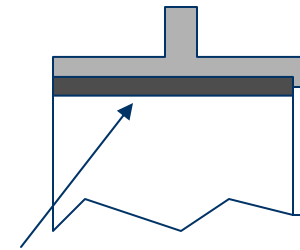
Differential pressure should always press CR6100 against a shoulder



# Minimal Cross Sections

CR6100 can be installed with thin radial walls

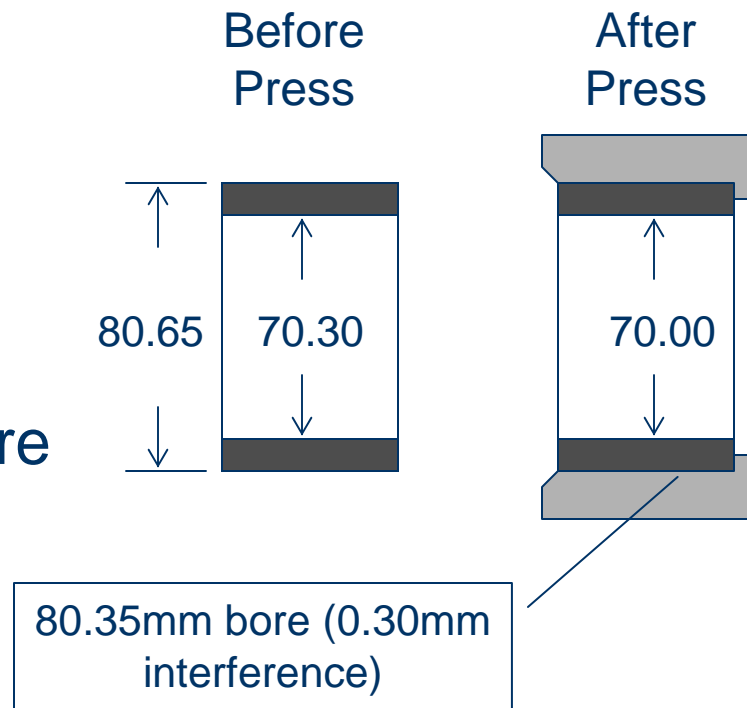
Diameter	Minimum Radial Wall
1--25mm	1.5mm
26--100mm	2.5mm
101--350mm	3.5mm



Great for lining existing rings in split case pumps

## Calculate for 1 to 1 bore decrease equal to interference fit or final machine the bore after installing the CR-6100 insert

- Bore decreases 1 to 1 with interference
- Accurate up to 6.35mm radial wall thickness (wear rings)
- Greater cross sections require final machining



# Directional Thermal Expansion

## Low X-Y Growth Rate is Ideal for Rotating Equipment Applications

- $3.24 \times 10^{-6}$  Radial Plane (X-Y)
- $324 \times 10^{-6}$  Axial (Z) to 150C
- Great Performance in Rotating Equipment
- Z-Direction must be accounted for at installation

