Machining Standards for 8681

2.0-10.0 MAXIMUM \([0.079-3.94]\)
TOTAL THICKNESS RANGE MAY NOT BE SUITABLE FOR TOTAL RANGE OF DIAMETERS.

NO FLASH OR BURRS
1.0 X 45° \([0.04]\)
CHAMFER ON OUTSIDE IS NEEDED IF SEAL IS INSTALLED ON GAUGE

RANGE
\(\Phi37.25-38.25\)
\([1.466-1.506]\)

6. SEALING SURFACE MUST PROVIDE ADEQUATE SEAL

NOTES:
1. DIMENSIONS IN BRACKETS ARE IN INCHES.
2. TOLERANCES ARE IN MILLIMETERS.
3. FOR 37.25 DIA. OPENING, SEAL SHOULD BE INSTALLED INTO TANK PRIOR TO THE GAUGE'S INSTALLATION INTO THE SEAL/TANK.
4. CHAMFER IS OPTIONAL IF SEAL IS INSTALLED IN TANK OPENING PRIOR TO GAUGE INSTALLATION.
5. TOP MOUNTING USE ONLY.
6. ALL ASSEMBLIES SHOULD BE LEAK TESTED TO ASSURE ADEQUATE SEAL.
7. COMBINATION OF SHARP INTERIOR CORNER AND SMALLER THAN NORMAL TANK OPENING COULD CUT GROMMET. CORNER BREAK OR EVEN A SMALL ROLL BURR ARE PREFERRED OVER SHARP CORNER.
8A. WETTED PORTION OF NITRILE RUBBER GROMMET WILL SWELL AFTER TANK IS FILLED WITH FUEL. TYPICAL TEST RESULTS FOR 0015-00985 ARE:
- FUEL A, +1%; FUEL B, +19%; OIL NO. 3, +2%; FUEL C, +35%;
- FUEL C WITH 10% ETHANOL, +48%; REF. ASTM D471-06
8B. TAKE INTO ACCOUNT GROMMET SWELL WHEN CONSIDERING GROMMET MATERIAL STRESS.
9. USE VITON GROMMET 0015-001007 FOR E85.