

DOWNHOLE HTHP High Pressure/High Temperature Connectors



Single-pin penetrator glass-sealed feedthrough

SINGLE PIN, PENETRATOR GLASS SEALED FEEDTHROUGH



How To Order		
Sample Part Number	2570-1290	-V
Series	2570-1290	
O-Ring Material	E, K, V (See Table I)	

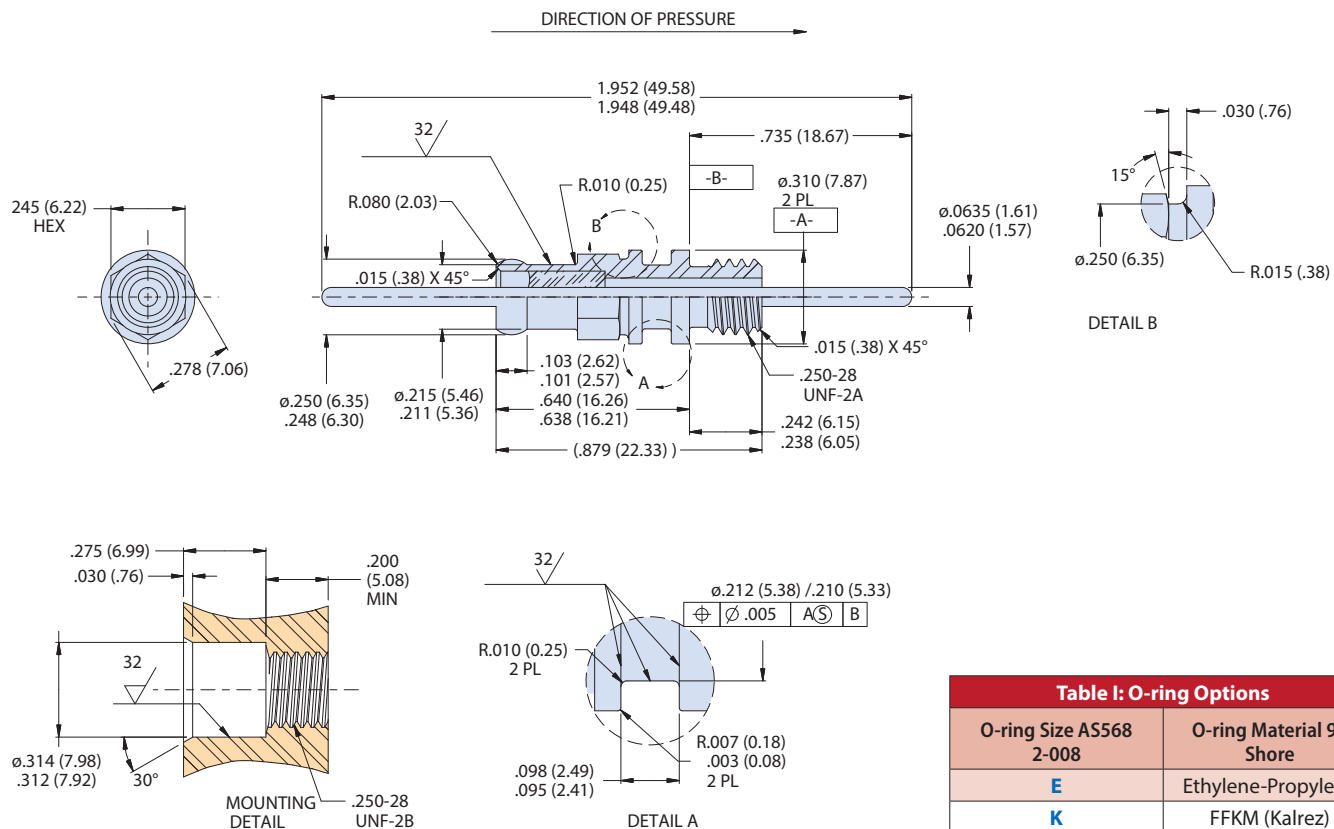


Table I: O-ring Options	
O-ring Size AS568 2-008	O-ring Material 90 Shore
E	Ethylene-Propylene
K	FFKM (Kalrez)
V	FKM (Viton)

NOTES

- Material / finish:
 - Body: Inconel
 - Pin: Inconel / gold plate .00005 min thick
 - Insulator: vitreous glass
 - O-ring: per table 1
- Performance tests:
 - Hermeticity: $<1 \times 10^{-8}$ sccHe/sec @ 1 Atm diff
 - D.W.V.: 1000 VDC pin to shell without breakdown
- Insulation resistance:
 - » 5000 Megohms min @ 500 VDC (ambient)
 - » 500 Megohms min @ 500 VDC (300°F)
- O-ring ships loose with connector
- Max 20,000 PSI rated in direction indicated