

Technical drawing of a circular mechanical part, likely a flange or end plate, showing dimensions in inches and millimeters. The drawing includes a central circular feature with a cross-section view, surrounded by concentric rings. The outermost ring is labeled with a diameter of $\phi 3.60$ [$\phi .142$](4X). The innermost ring is labeled with a diameter of $\phi 1.240$ [$\phi .049$](4X). The central feature has a diameter of $\phi 1.240$ [$\phi .049$]. The overall diameter of the part is $\phi 12.40$ [$\phi .488$]. The thickness of the part is 0.3175 [0.0125]. The drawing also shows a central hole with a diameter of $\phi 0.3175$ [$\phi .0125$].

Technical drawing of a pressure vessel head assembly. The drawing shows a cross-section of the assembly with the following dimensions and components:

- Dimensions (mm):**
 - Overall height: 44.44 [1.751]
 - Distance from top flange to gasket: 25.39 [1.000]
 - Distance from gasket to bottom flange: 19.05 [.750]
 - Distance from top flange to center of gasket: 4.96 [.195]
 - Distance from center of gasket to bottom flange: 3.68 [.145]
 - Distance from top flange to center of head: 26.04 [1.026]
 - Distance from center of head to bottom flange: 16.00 [.630]
 - Distance from center of head to bottom flange (inner): 3.18 [.125]
- Components:**
 - M29X P1.5**: Thread specification for the top flange.
 - GASKET**: The sealing component between the flanges.

[illegible]