

Technical drawing of a mechanical part with the following dimensions:

- Top diameter: $\varnothing 16.8 \pm 0.45$
- Second diameter from top: $\varnothing 15.1 \pm 0.45$
- Third diameter from top: $\varnothing 15 \text{ max}$
- Bottom diameter: $\varnothing 16.8 \pm 0.25$
- Top flange thickness: 2.54
- Distance from top flange to start of thread: 10.4 ± 0.40
- Thread length: 1.6 ± 0.40
- Distance from thread to bottom flange: 6.35 ± 0.40
- Thread angle: 12° max
- Top fillet radius: $R0.8$
- Bottom fillet radius: $R0.8$
- Internal thread profile: $R0.85$