

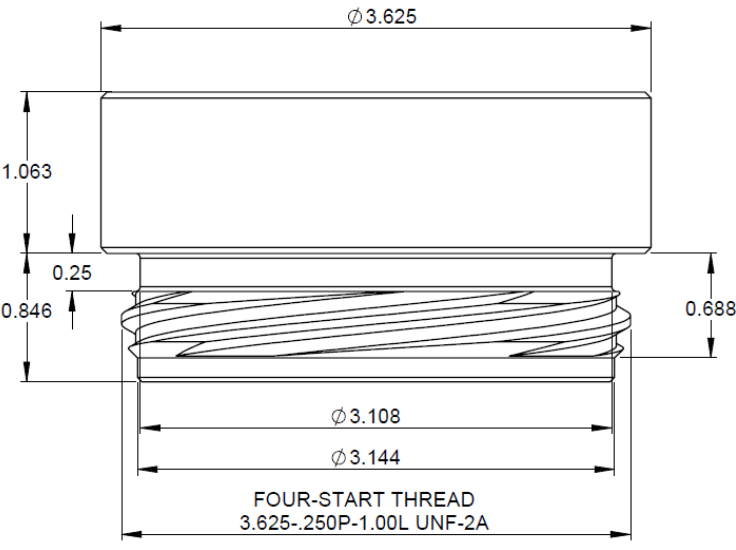
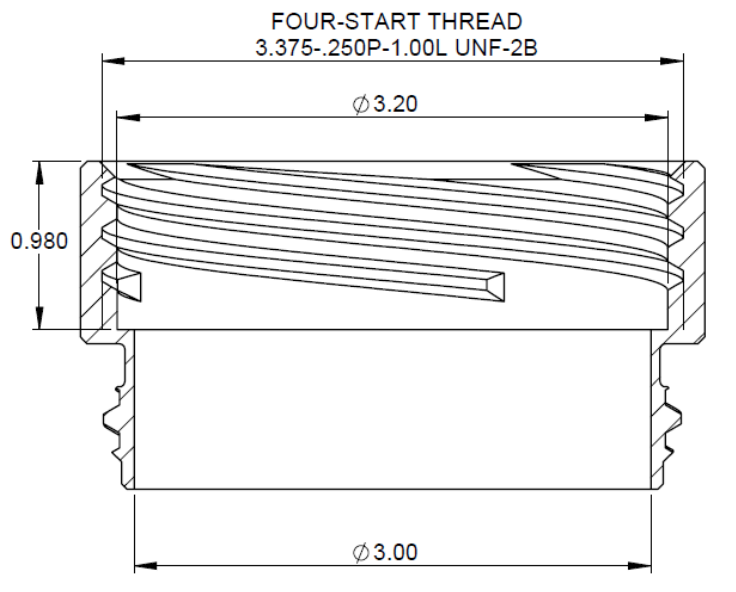


Modular Interface Standards

For more information on StaX, visit stax.zeplaco.com

General Notes:

- All dimensions are inches. Visit GrabCAD to find the latest CAD files.
- Four start thread per drawing is StaX standard. We recommend downloading starter files when designing 3D printed parts that interface with threads. Printed parts require additional clearance beyond UNF specifications.

<p>Design Notes</p> <p>Dimensions are +/- .010"</p>	 <p>Technical drawing of a threaded part. Dimensions include: outer diameter $\phi 3.625$, total height 1.063, thread start offset 0.25, thread depth 0.846, thread end offset 0.688, inner diameters $\phi 3.108$ and $\phi 3.144$, and thread specification FOUR-START THREAD 3.625-.250P-1.00L UNF-2A.</p>
<p>Design Notes</p> <p>Minimum full thread depth on machined parts is .75".</p>	 <p>Technical drawing of a threaded part. Dimensions include: thread specification FOUR-START THREAD 3.375-.250P-1.00L UNF-2B, outer diameter $\phi 3.20$, thread depth 0.980, and inner diameter $\phi 3.00$.</p>



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Design Notes

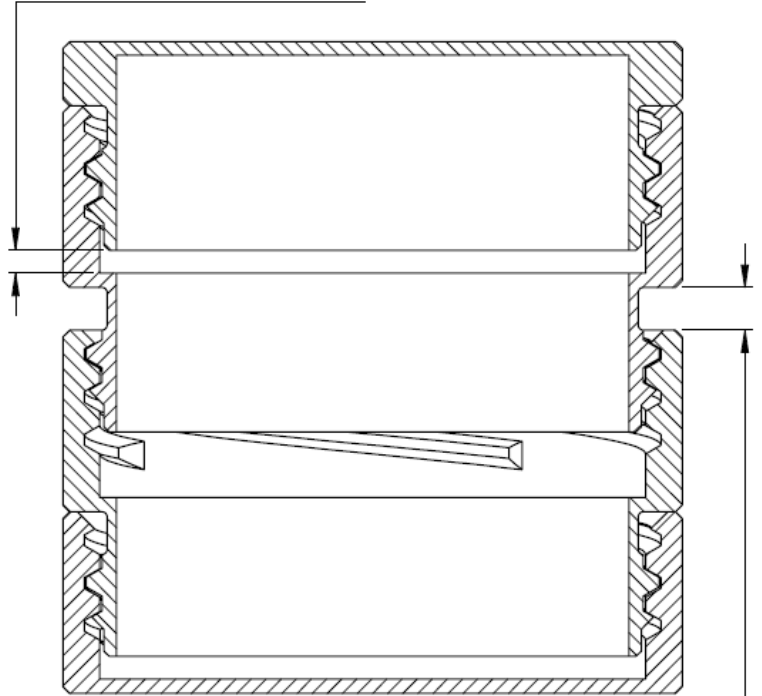
Fully seating two parts together requires approximately $\frac{1}{2}$ turn.

External compression gap can accommodate .25" thick cross sections.

Keep in mind the 3.375" major thread diameter when designing accessories for the external gap.

To clamp using the internal gap, use a section thicker than .135". For clearance, use a section smaller than .125".

INTERNAL COMPRESSION GAP
0.135 WHEN SEATED



EXTERNAL COMPRESSION GAP
0.25 MAX RECOMMENDED