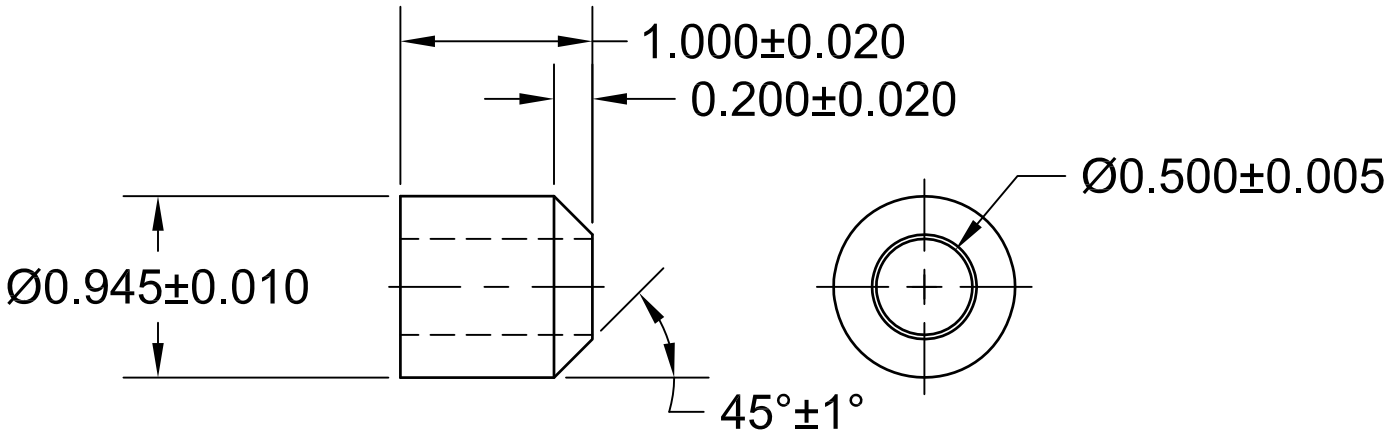
| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| A | ORIGINAL RELEASE | 01/23/2025 | |




# MATERIAL: 6061-T6511 ALUMINUM

DIMENSIONING & TOLERANCING IN ACCORDANCE WITH ANSI/ASME Y14.5M – 1994

THIRD ANGLE

This document is freely distributed by EngineeringTechnology.org for educational and instructional purposes. Users are granted non–exclusive rights to copy, modify, and share this material, provided it is not used for proprietary or commercial purposes without appropriate credit.

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE INCHES

UNSPECIFIED TOLERANCES

| LENGTH | SURFACE FINISH |
|---|---|
| .0 = ±.1 | RMS 140 μin |
| .00 = ±.01 | |
| .000 = ±.005 | |
| .0000 = ±.005 | ANGULAR ±.25° |

ENGINEERING TECHNOLOGY

MACHINING REVIEW

| SIZE | DATE | DWG NO | REV |
|---|---|---|---|
| A | 01/23/2025 | 5 | A |

SCALE: FULL

DRAWN BY: RH