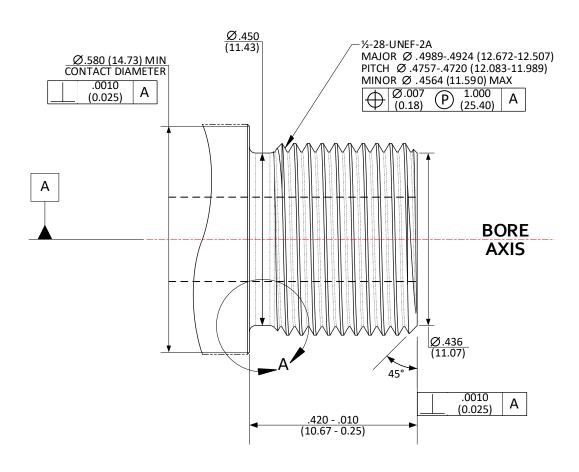
ISSUED 06/07/2022 Revised 05/12/2025

RF: .500-28-UNEF-2A; ≤.22 (5.59) **BORE** – **MUZZLE THREADS**

SHEET 1 OF 5



NOTES

DATUM "A" FEATURE IS DEFINED AS THE LAST 3.0000 INCHES (76.200)
OF THE BORE AT THE MUZZLE END OF THE BARREL.
(XX.XX) = MILLIMETERS

DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED IN ASME Y14.5-2018.

DO NOT SCALE FROM DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

X ± .1 (3) ANGLES ± 0.5° XX ± .01 (0.3) FILLET RADII .005-.

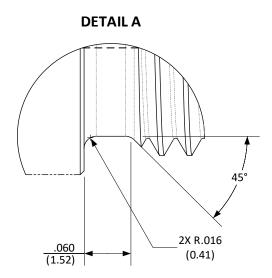
.XX ± .01 (0.3) FILLET RADII .005-.010 (0.13-0.25) .XXX ± .005 (0.13) BREAK EDGE .005-.010 (0.13-0.25) .XXXX± .0005 (0.013) SURFACE FINISH (1.17) SECTION I – CHARACTERISTICS SUPPRESSORS SAAMI®

THREAD & SOCKET DRAWINGS: RI	F: .500-28-UNEF-2A/
.500-28-UNFF-2B: < 22 BOR	E DIAMETER

1000 EO OITE	EB, EILE BOILE BIJ MILE LEIX
ISSUED	06/07/2022
Revised	05/12/2025

RF: .500-28-UNEF-2A; ≤.22 (5.59) BORE – MUZZLE THREAD RELIEF

SHEET 2 OF 5



DO NOT SCALE FROM DRAWING

NOTES: (XX.XX) = MILLIMETERS DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED IN ASME Y14.5-2018. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.X ± .1 (3) ANGLES ± 0.5°

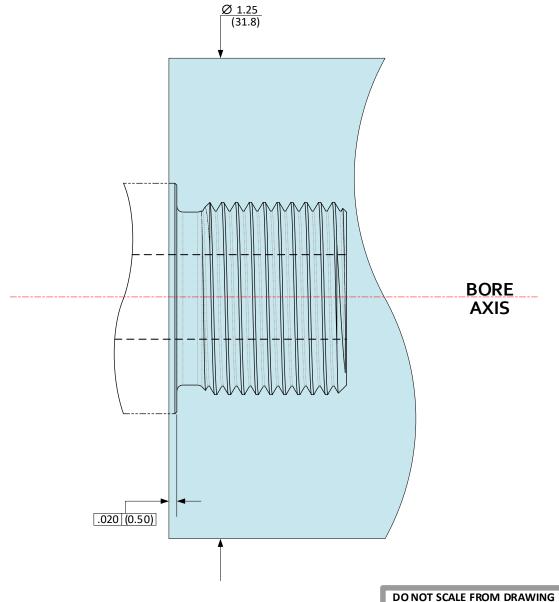
THREAD & SOCKET DRAWINGS: RF: .500-28-UNEF-2A/ .500-28-UNEF-2B: ≤.22 BORE DIAMETER

1000 20 01121	
ISSUED	06/07/2022
Revised	05/12/2025

RF: .500-28-UNEF-2A; ≤.22 (5.59) BORE – EXCLUSION ZONE

SHEET 3 OF 5

AS REFERENCE, THE SHADED AREA REPRESENTS A ZONE INTENDED TO BE RESERVED FOR DEVICES ATTACHED TO THESE THREADS. NO PART OF THE FIREARM SHOULD INTRUDE INTO THIS AREA AT ANY TIME IN THE FIRING CYCLE.



(XX.XX) = MILLIMETERS DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED IN ASME Y14.5-2018.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

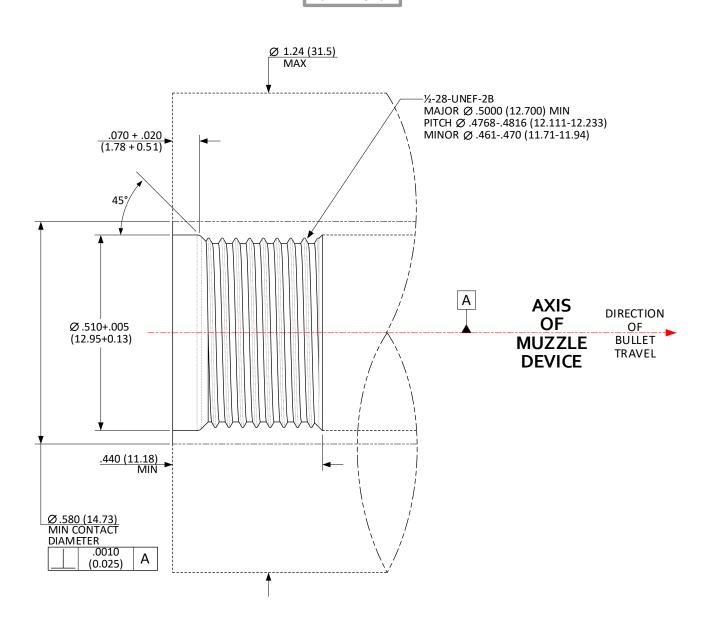
ANGLES ±0.5° ± .1 (3) .XX ±.01 (0.3) FILLET RADII .005-.010 (0.13-0.25) .XXX ±.005 (0.13) BREAK EDGE .005-.010 (0.13-0.25) .XXXX ± .0005 (0.013) SURFACE FINISH (3.17/2)

THREAD & SOCKET DRAWINGS: RF: .500-28-UNEF-2A / .500-28-UNEF-2B; ≤.22 BORE DIAMETER

ISSUED 06/07/2022 Revised 05/12/2025

RF: .500-28-UNEF-2B; ≤.22 (5.59) BORE – SOCKET THREADS; SHOULDER INDEXING

SHEET 4 OF 5



NOTES

The designer shall consider the variables of device length and bore clearance in establishing the necessary positional and orientational tolerances to minimize the likelihood of unintended projectile contact with device internal features.

(XX.XX) = MILLIMETERS

DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED IN ASME Y14.5-2018.

DO NOT SCALE FROM DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .X \pm .1 (3) ANGLES \pm 0.5° .XX \pm .01 (0.3) FILLET RADII .005-.010 (0.13-0.25)

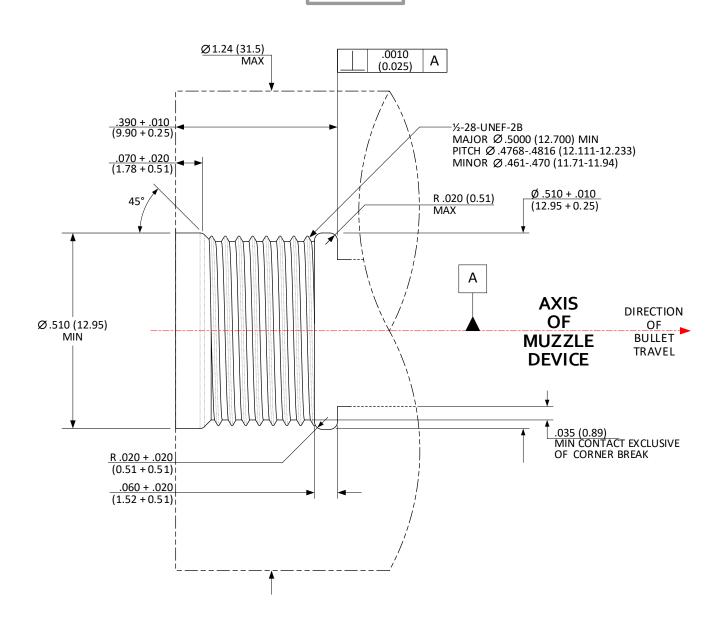
.XXX ± .005 (0.13) BREAK EDGE .005-.010 (0.13-0.25) .XXXX ± .0005 (0.013) SURFACE FINISH 💖 (💖)

THREAD & SOCKET DRAWINGS: RF: .500-28-UNEF-2A/ .500-28-UNEF-2B; ≤.22 BORE DIAMETER

ISSUED 06/07/2022 05/12/2025 Revised

RF: .500-28-UNEF-2B; $\le .22$ (5.59) BORE – SOCKET THREADS; MUZZLE INDEXING

SHEET 5 OF 5



The designer shall consider the variables of device length and bore clearance in establishing the necessary positional and orientational tolerances to minimize the likelihood of unintended projectile contact with device internal features.

(XX.XX) = MILLIMETERS

DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED IN ASME Y14.5-2018.

DO NOT SCALE FROM DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ± .1 (3) ANGLES ±0.5°

±.01 (0.3) .XXX $\pm .005$ (0.13)

FILLET RADII .005-.010 (0.13-0.25) BREAK EDGE .005-.010 (0.13-0.25) .XXXX ± .0005 (0.013) SURFACE FINISH ¹²⁵√ (^{3.175}/₂)