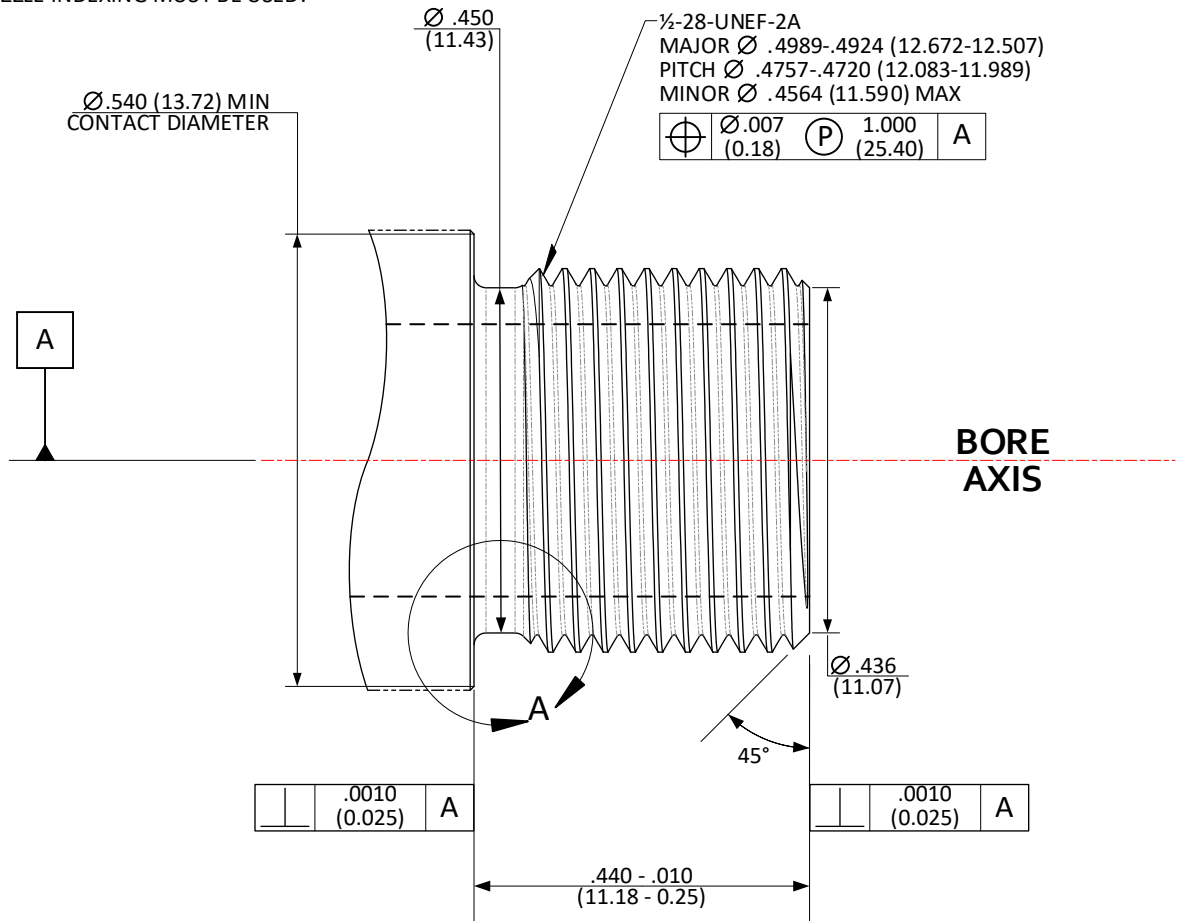


CFP&R: .500-28-UNEF-2A; ≤.355 (9.02) BORE – MUZZLE THREADS

SHEET 1 OF 5

NOTE: IF THE MINIMUM SHOULDER
CONTACT DIAMETER CANNOT BE ACHIEVED,
MUZZLE INDEXING MUST BE USED.



DO NOT SCALE FROM DRAWING

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.

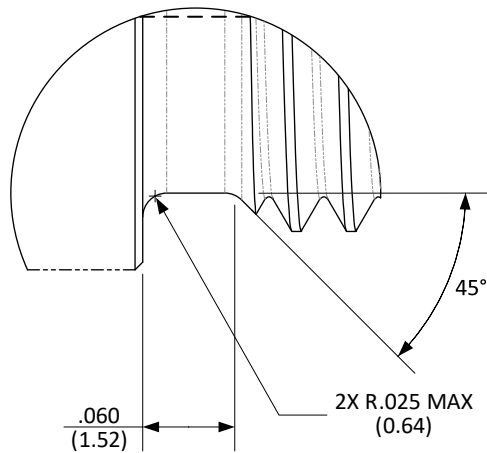
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.X ±.1 (3)	ANGLES ±0.5°
.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 $\sqrt{1.25}$ ($\sqrt{1.25}$)

CFP&R: .500-28-UNEF-2A; ≤.355 (9.02) BORE – MUZZLE THREAD RELIEF

SHEET 2 OF 5

DETAIL A



DO NOT SCALE FROM DRAWING

NOTES:

(XX.XX) = MILLIMETERS

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

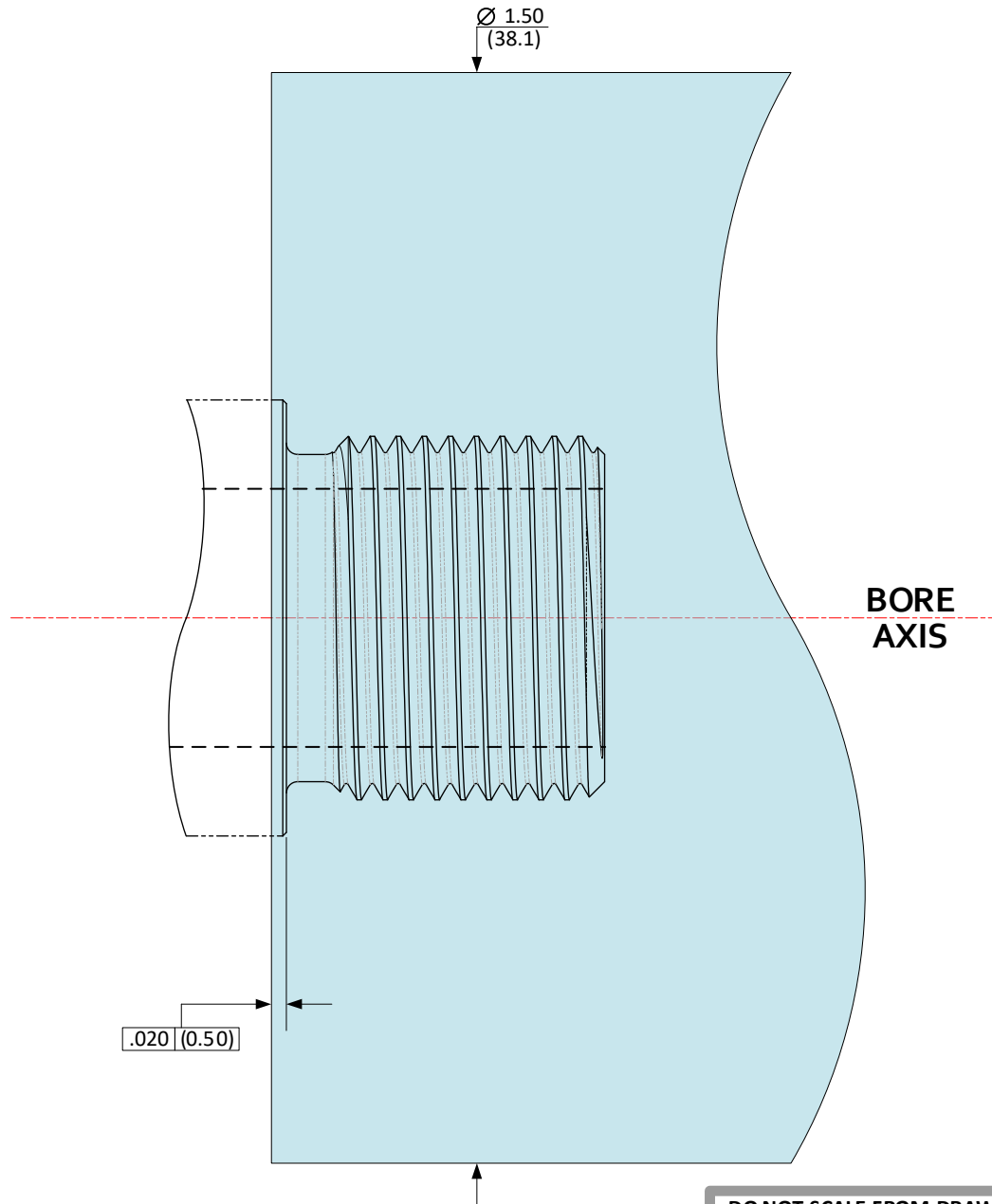
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.X	± .1 (3)	ANGLES	± 0.5°
.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	$\sqrt{12.5}$ ($\sqrt{3.175}$)

CFP&R: .500-28-UNEF-2A; ≤.355 (9.02) 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.



DO NOT SCALE FROM DRAWING

NOTES:

(XX.XX) = MILLIMETERS

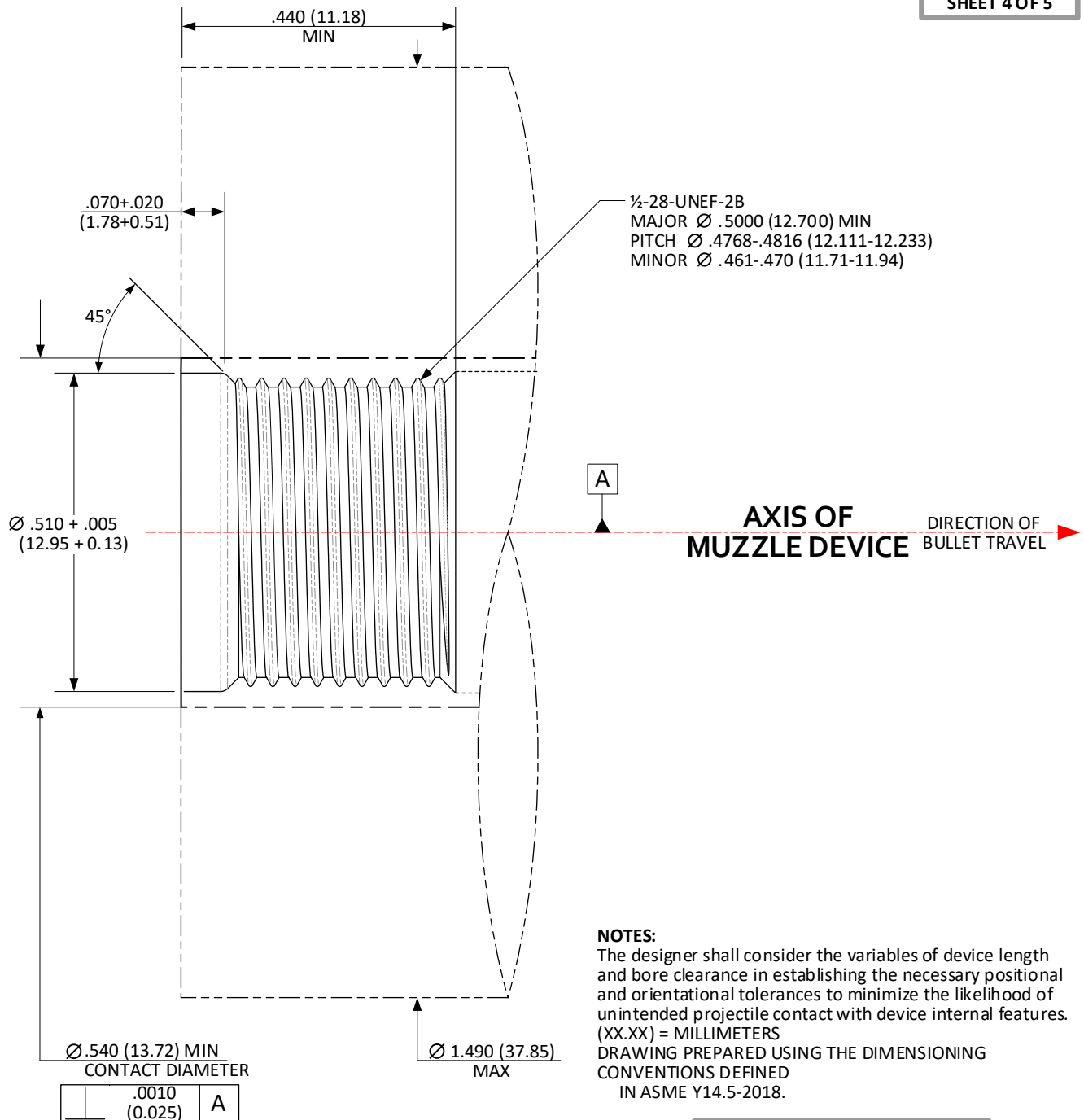
DRAWING PREPARED USING THE DIMENSIONING CONVENTIONS DEFINED
IN ASME Y14.5-2018.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.X	± .1 (3)	ANGLES	± 0.5°
.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	▽ (▽)

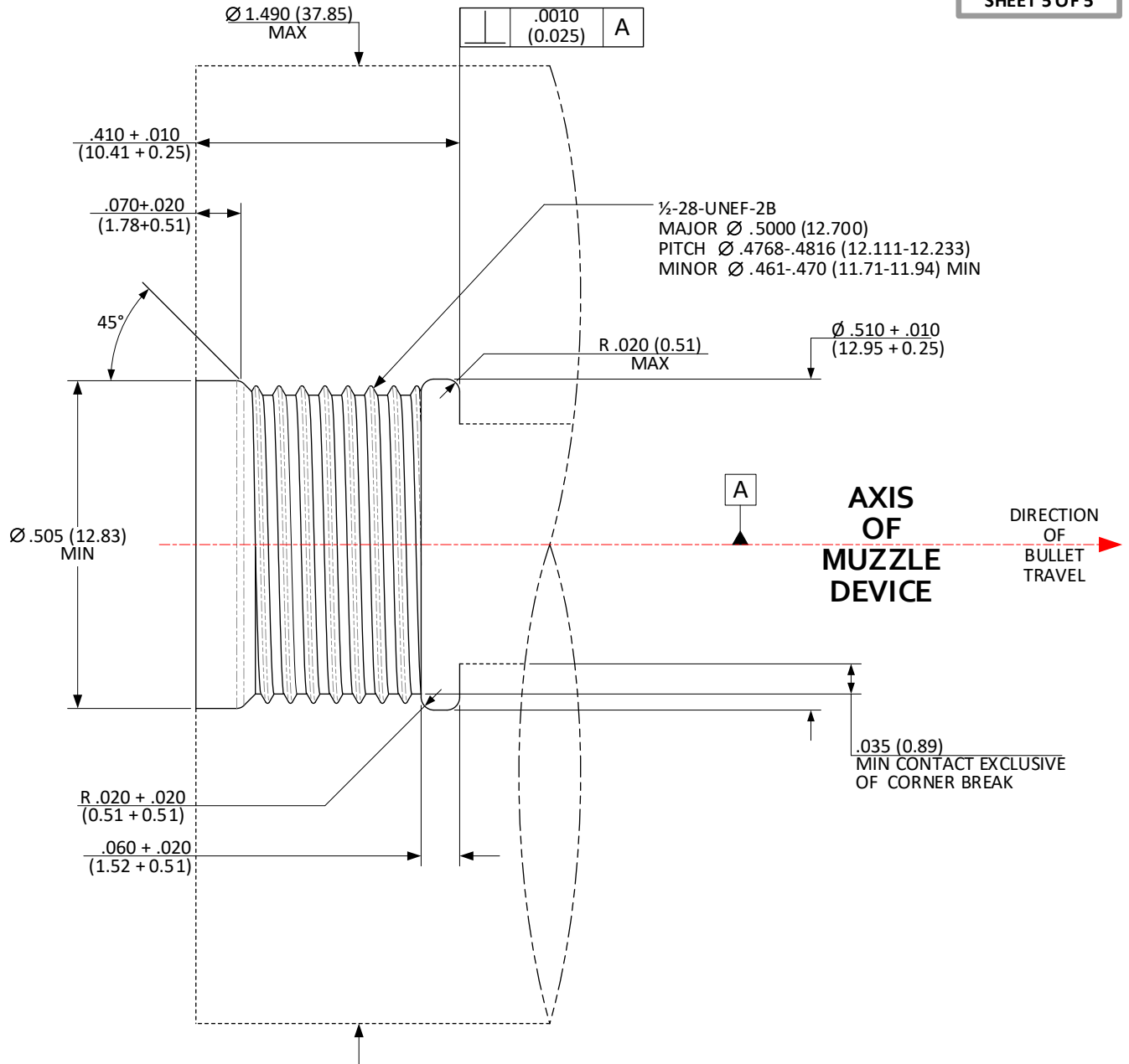
CFP&R: .500-28-UNEF-2B; ≤.355 (9.02) BORE – SOCKET THREADS; SHOULDER INDEXING

SHEET 4 OF 5



CFP&R: .500-28-UNEF-2B; ≤.355 (9.02) BORE – SOCKET THREADS; MUZZLE INDEXING

SHEET 5 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 $\pm 0.5^\circ$
.XX $\pm .01 (0.3)$	FILLET RADII $.005-.010 (0.13-0.25)$
.XXX $\pm .005 (0.13)$	BREAK EDGE $.005-.010 (0.13-0.25)$
.XXXX $\pm .0005 (0.013)$	SURFACE FINISH $\sqrt{25} (\sqrt{3175})$