.500-28-UNEF-2B; ≤.355 BORE DIAMETER

Revised

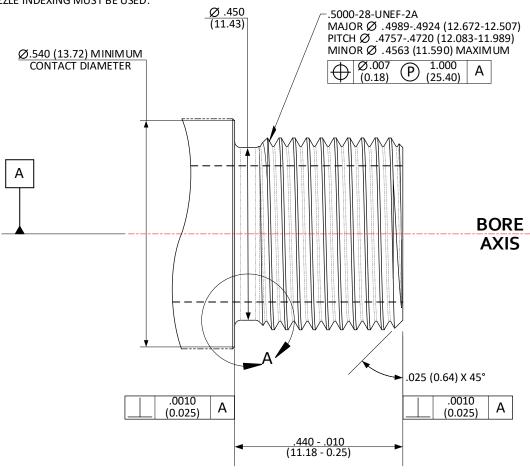
06/07/2022 **ISSUED** 

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## **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.



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

± .1 (3) ANGLES ±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  $\pm$  .0005 (0.013) SURFACE FINISH  $\sqrt[25]{}$  ( $\sqrt[337]{}$ )

THREAD & SOCKET DRAWINGS: CFP&R: .500-28-UNEF-2A/

.500-28-UNEF-2B; ≤.355 BORE DIAMETER

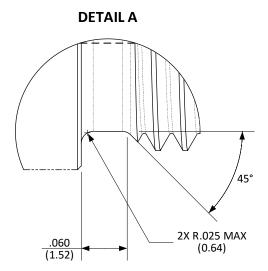
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## **CFP&R: .500-28-UNEF-2A; ≤.355 (9.02) BORE – MUZZLE THREAD DETAIL**

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° .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 👸 (💖)

THREAD & SOCKET DRAWINGS: CFP&R: .500-28-UNEF-2A/

.500-28-UNEF-2B; ≤.355 BORE DIAMETER

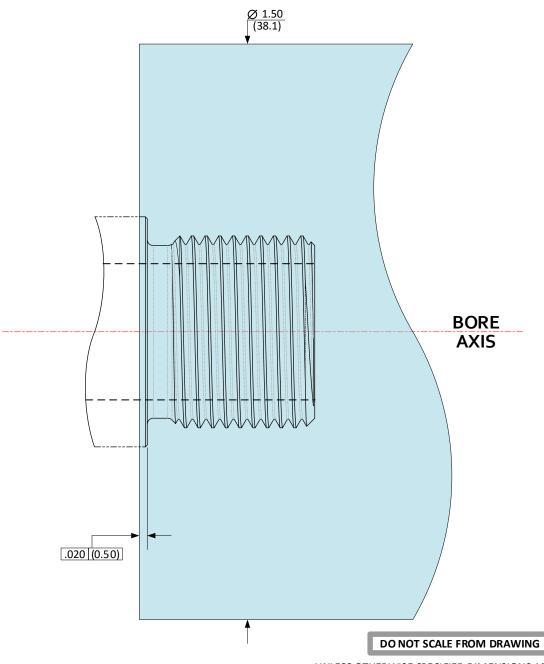
ISSUED <u>06/07/2022</u> Revised

# **CFP&R: .500-28-UNEF-2A; ≤.355 (9.02) BORE – EXCLUSION ZONE**

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#### SHEET 3 OF 5

AS REFERENCE, THE SHADED AREA REPRESENTS A ZONE INTENDED TO BE RESERVED FOR DEVICES ATTACHED TO THESE THREADS. CONSIDERATION OF INTRUSION INTO THIS VOLUME DURING THE ENTIRE FIRING CYCLE OF THE FIREARM SHOULD BE MADE.



#### NOTES:

(XX.XX) = MILLIMETERS

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.X  $\pm$  .1 (3) ANGLES  $\pm$  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 (3,77)

THREAD & SOCKET DRAWINGS: CFP&R: .500-28-UNEF-2A/

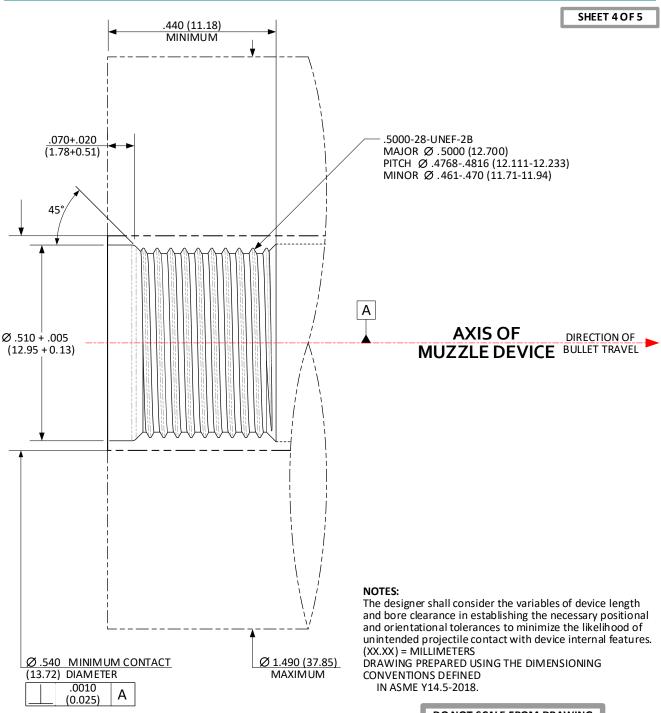
.500-28-UNEF-2B; ≤.355 BORE DIAMETER

ISSUED <u>06/07/2022</u>

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



## 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  $\pm$  .005 (0.13) BREAK EDGE .005-.010 (0.13-0.25) .XXXX  $\pm$  .0005 (0.013) SURFACE FINISH  $\frac{34}{2}$ 

THREAD & SOCKET DRAWINGS: CFP&R: .500-28-UNEF-2A/ .500-28-UNEF-2B; ≤.355 BORE DIAMETER

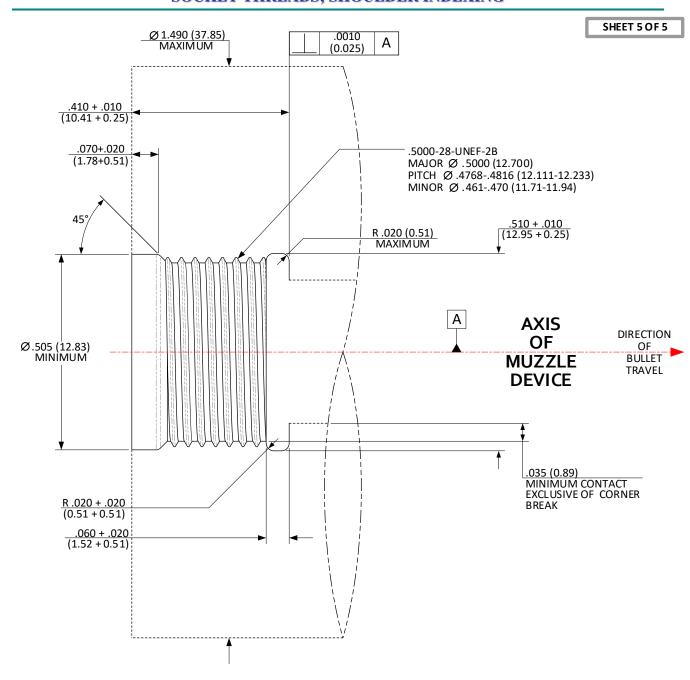
**ISSUED** 

Revised

06/07/2022

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



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

ANGLES ±0.5° ± .1 (3) .XX ±.01 (0.3) .XXX ±.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 (3.77)