ISSUED

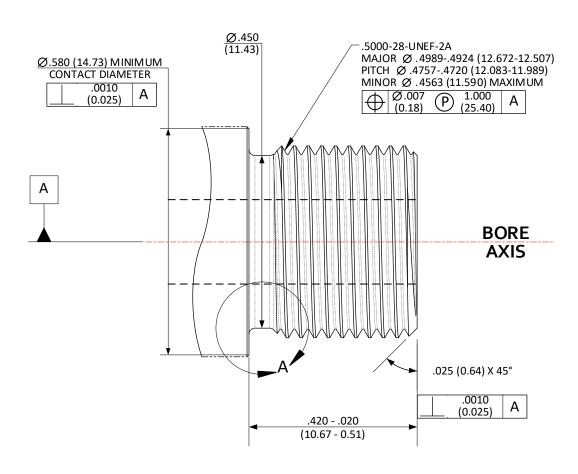
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SPORTING ARMS & AMMUNITION MANUFACTURERS' INSTITUTE

Revised

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

SHEET 1 OF 5



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) .XX ±.01 (0.3) .XXX ±.005 (0.13)

ANGLES ±0.5° FILLET RADII .005-.010 (0.13-0.25) BREAK EDGE .005-.010 (0.13-0.25) .XXXX ± .0005 (0.013) SURFACE FINISH ♥

**CHARACTERISTICS SUPPRESSORS** 

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06/07/2022 06/07/2023

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

SHEET 2 OF 5

# **DETAIL A** 2X R.016 .060 (0.41)(1.52)

## 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

± .1 (3) ANGLES ±0.5° .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 ♥

**CHARACTERISTICS SUPPRESSORS** SPORTING ARMS & AMMUNITION MANUFACTURERS' INSTITUTE

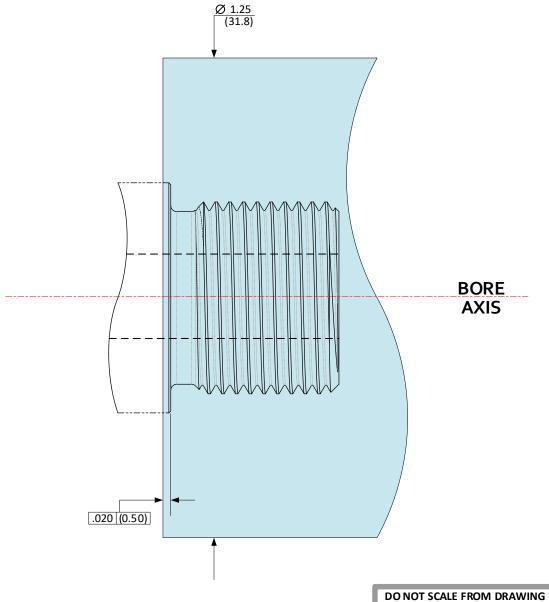
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## **RF:** .500-28-UNEF-2A; ≤.22 (5.59) **BORE** – **EXCLUSION ZONE**

SHEET 3 OF 5

AS REFERENCE, THE SHADED AREA REPRESENTS A ZONE INTENDED TO BE RESERVED FOR DEVICES ATTACHED TO THESE THREADS. 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 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 (3.77)

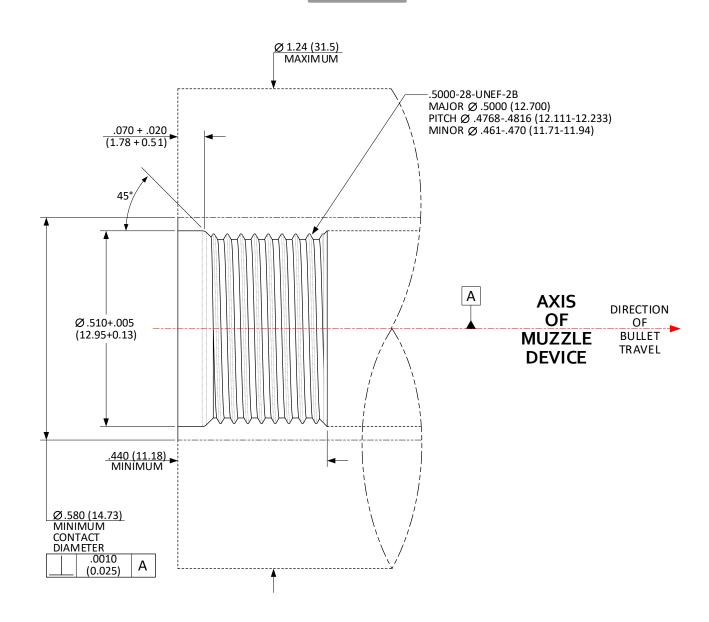
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**ISSUED** Revised 06/07/2022 06/07/2023

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

#### SHEET 4 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

(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) .XX ± .01 (0.3) .XXX ± .005 (0.13)

ANGLES ±0.5° FILLET RADII .005-.010 (0.13-0.25) BREAK EDGE .005-.010 (0.13-0.25) .XXXX ± .0005 (0.013) SURFACE FINISH ♥ (35%)

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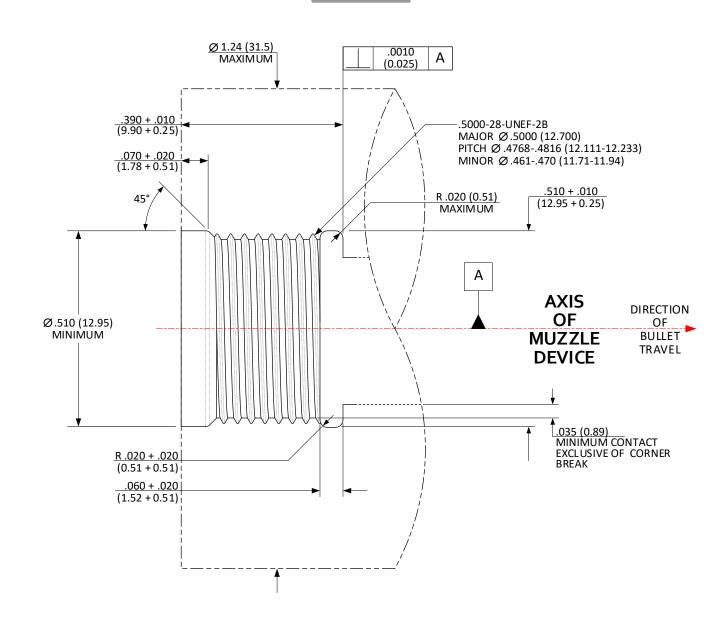
06/07/2022

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06/07/2023 Revised

# RF: .500-28-UNEF-2B; ≤.22 (5.59) BORE – SOCKET THREADS; SHOULDER 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) .XX ±.01 (0.3) .XXX  $\pm .005$  (0.13) .XXXX ± .0005 (0.013) SURFACE FINISH ₹ (3.77)

ANGLES ±0.5° FILLET RADII .005-.010 (0.13-0.25) BREAK EDGE .005-.010 (0.13-0.25)