

New Cartridge & Chamber

30 Super Carry (30 S Carry)

Maximum Average Pressure (MAP)* = 52,000 psi Crusher pressure limits not established.

Instrumental Velocity: 100-gr @ 1,250 fps

115-gr @ 1,150 fps

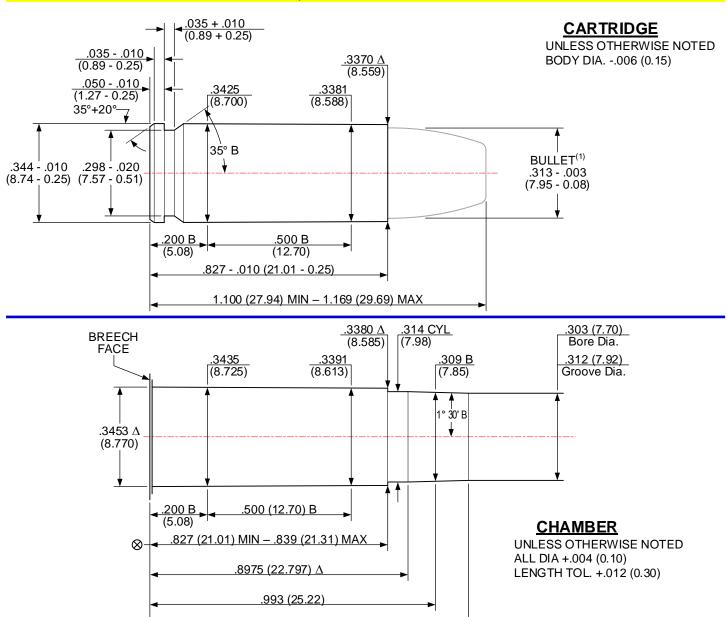
* Refer to SAAMI Z299.3 for pressure guideline interpretation description.

MAXIMUM CARTRIDGE / MINIMUM CHAMBER

ISSUED: 06/07/2022 30 SUPER CARRY (30 S CARRY)

REVISED: --/--/--

Note - The User's attention is called to the fact that an assurance has been provided by a person claiming to own intellectual property rights that will be necessarily infringed by use of this Standard, and that such person is prepared to grant non-exclusive licenses in connection with such intellectual property rights on reasonable terms and conditions, which may be royalty bearing or royalty free as shall be negotiated, and free of any demonstrably unfair discrimination. Further information may be obtained from SAAMI's Technical Office.



 Δ 5 GROOVES TWIST: 10.00 (254.0) R.H. OPTIONAL

1.1076 (28.132) <u>A</u>

△ .095 + .002 (2.41 + 0.05) WIDE MINIMUM BORE & GROOVE AREA: .0742 inch² (47.870 mm²)

B = BASIC

NOTE:

(XX.XX) = MILLIMETERS

 Δ = REFERENCE DIMENSION

* = DIMENSIONS ARE TO INTERSECTION OF LINES

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)
(1) – BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

DO NOT SCALE FROM DRAWING

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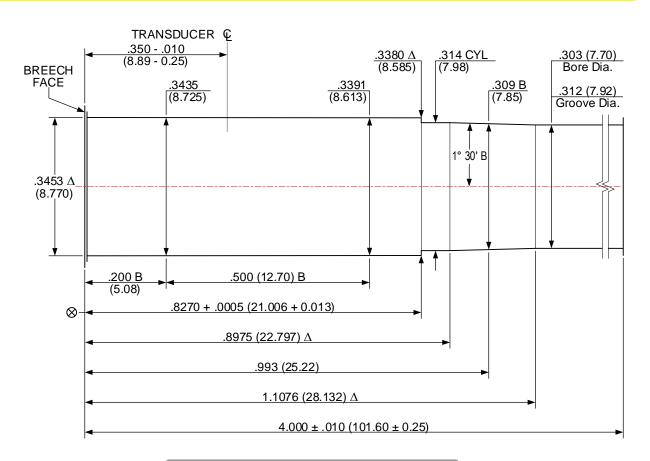
VELOCITY & PRESSURE TEST BARREL

30 SUPER CARRY (30 S CARRY)

ISSUED: 06/07/2022 V&P TEST BARREL

REVISED: --/--/---

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DO NOT SCALE FROM DRAWING

NUMBER OF GROOVES: 5

WIDTH OF GROOVES: .095 + .002 (2.41 + 0.05) TWIST RATE: 10.00 (254.0) R.H.

DIAMETER OF PISTON HOLE: .Crusher pressures not established

TRANSDUCER DIAMETER: .250 (6.35)

LAND AND GROOVE DIMENSIONS TO BE
WITHIN TOLERANCES THROUGHOUT
LENGTH OF BARREL.

LENGTH

UNLESS OTHERWISE NOTED, ALL DIAMETERS +.0005 (0.013) LENGTH TOLERANCE + .005 (0.13)

NOTE:

B = BASIC Δ = REFERENCE DIMENSION \otimes = HEADSPACE DIMENSION * DIMENSIONS ARE TO INTERSECTIONS OF LINES (XX.XX) = MILLIMETERS

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

Support products supplier:

Federal Cartridge Company

Brenda Andersonph. 208-750-3142..... email: Brenda.anderson@vistaoutdoor.com

Jake Cahillph. 208-750-3160 email: Jake.cahill@vistaoutdoor.com

Order symbols/part numbers:

Reference rounds: SAMAE30SCA Dummy rounds: 30SCDUMMY Proof ammunition: 30SCPRF