**SAAMI New Cartridge & Chamber**

**Maximum Average Pressure (MAP)** * = 65,000 psi

Crusher pressures not established. 

* Refer to *American National Standard SAAMI Z299.4* for pressure guideline interpretation description.

---

**6.8 WESTERN [6.8 WESTERN]**

**CARTRIDGE**

UNLESS OTHERWISE NOTED

BODY DIA. -.002 (0.05)

**CHAMBER**

UNLESS OTHERWISE NOTED

ALL DIA + .002 (0.05)

LENGTH TOL. + .015 (0.38)

Δ 6 GROOVES

Δ.095+ .002 [2.41 + 0.05] WIDE

TWIST: 8.00 [203.2] R.H. OPTIONAL

MIN. BORE & GROOVE AREA:

.0592 SQ. IN. [38.193 MM²]

---

**NOTE:**

B = BASIC

(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

---

Copyright © Sporting Arms and Ammunition Manufacturers’ Institute, Inc. All rights reserved. No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.
NUMBER OF GROOVES: 6
WIDTH OF GROOVES: .095 + .002 (2.41 + 0.05)
TWIST RATE: 8.00 (203.2) RH
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.

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

NOTE:
B = BASIC  ∆ = REFERENCE DIMENSION  Ø = HEADSPACE DIMENSION
* DIMENSIONS ARE TO INTERSECTIONS OF LINES  (XX.XX) = MILLIMETERS
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)