

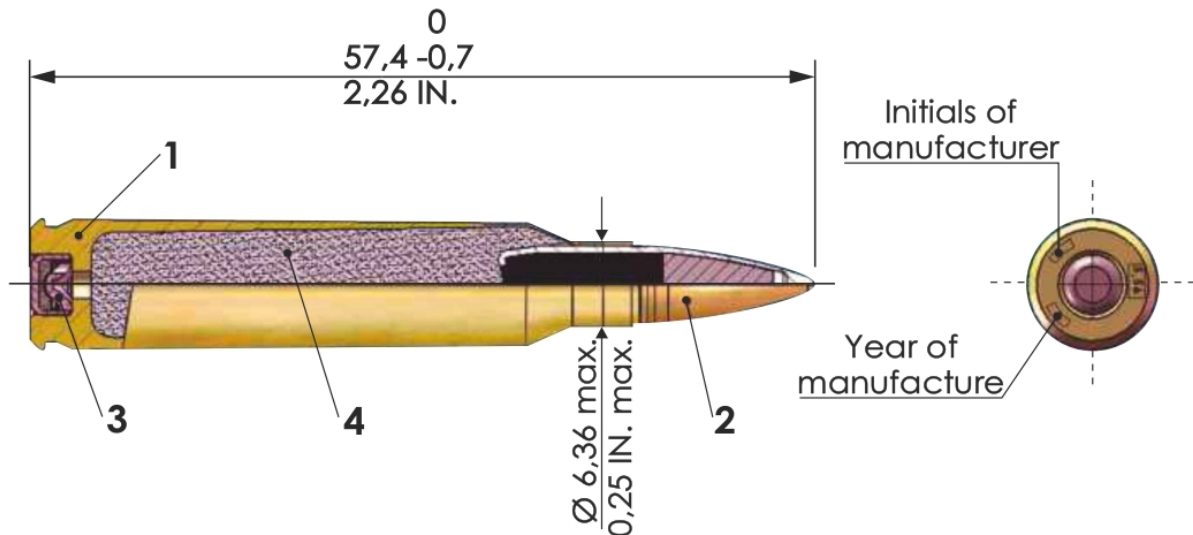


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Cal. 5.56 × 45 mm CARTRIDGES WITH BALL BULLET, SS 109



I CARTRIDGE COMPONENTS

- 1.1 Cartridge case made of 70/30 brass
- 1.2 Bullet of 4 g (61.5 gr) with:
 - bullet jacket made of 90/10 brass;
 - cores made of steel and lead;
- 1.3 Primer – Boxer type, non corrosive
- 1.4 Propellant – double base type

II TECHNICAL DATA

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|-----|--|--|
| 2.1 | Medium velocity of the bullet at 24 m: | $V = 915 \text{ m/s} \pm 9 \text{ m/s}$
$V = 3000 \text{ fps} \pm 40 \text{ fps}$ |
| 2.2 | Mean case mouth max. pressure: | $P_{\text{med.max}} \leq 405 \text{ MPa}$
$P_{\text{med.max}} \leq 55000 \text{ psi}$ |
| 2.3 | Individual max. case mouth pressure: | $P_{\text{max.max}} \leq 445 \text{ MPa}$
$P_{\text{max.max}} \leq 61000 \text{ psi}$ |
| 2.4 | Mean port pressure: | $P_{\text{med.max port}} \geq 106 \text{ Mpa}$
$P_{\text{med.max port}} \geq 12700 \text{ psi}$ |
| 2.5 | Accuracy: Standard deviation at 550 m | St. Dev. $\leq 17.2 \text{ cm}$
St. Dev. $\leq 6.8 \text{ inch}$ |
| 2.6 | Identification | Unpainted |

III. PACKING

20 rds/cardboard box; 36 cardboard boxes/UN certified metallic box; 104 (with cartridges) + 1 (with knives) metallic boxes/pallet. 1 pallet contains 74880 rds. Net weight: 915 kg; Gross weight: 1053 kg; Volume for 1 pallet: 0.842 m³ (1.12 × 0.885 × 0.85 m).