

The **Twister 32** is a high-performance ammunition designed to ensure **precision**, **reliability**, and **safety** in extremely demanding shooting conditions. With a constant speed of 475.4 m/s and a maximum spread of 9.2 cm at 50 meters, it is ideal for those who need highly precise ammunition without compromising power or safety.

The Twister 32 complies with international **C.I.P.** standards, ensuring top-level quality and performance.

This ammunition is designed for those seeking reliable and high-performing solutions, perfect for applications requiring high precision and consistency, such as sports shooting and professional situations.



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The new  
**TWISTER**  
**32g**



The **pressure tests** were conducted at room temperature (24°C) using the Manometric Barrel Cal. 12/70 mm, serial number 0403, with a length of 700 mm and cylindrical choke (0 mm), available at the ballistic laboratory of the B.N.P., in accordance with the decisions issued by the "Permanent International Commission (C.I.P.)".

- Loading data:
- Cheddite Cal. 12 plastic case 70/25 primer CX200
  - SIPE powder, weight 1.90g
  - Twister projectile wad 32g
  - Round rim, cartridge height 60.0 mm

Risultati:

| N       | V1 [m/s] | P1 [bar] | T1 [us] |
|---------|----------|----------|---------|
| 1       | 482.82   | 892      | 485     |
| 2       | 473.70   | 868      | 445     |
| 3       | 475.99   | 850      | 435     |
| 4       | 467.27   | 840      | 585     |
| 5       | 480.77   | 899      | 485     |
| 6       | 475.48   | 877      | 405     |
| 7       | 475.91   | 881      | 565     |
| 8       | 473.69   | 892      | 435     |
| 9       | 474.37   | 871      | 445     |
| 10      | 474.23   | 967      | 495     |
| MEDIA   | 475.4    | 837.7    | 478.0   |
| MIN     | 467.3    | 840.2    | 405.0   |
| MAX     | 482.8    | 899.4    | 585.0   |
| RANGE   | 15.6     | 59.3     | 180.0   |
| DEV.SD. | 4.2      | 18.7     | 58.3    |
| C95%    | 3.0      | 13.1     | 41.1    |
| PK2     |          | 927.94   |         |

For the **ball velocity measurement**, conducted at room temperature, the IRBA mod.170 Optical Barriers from STAS, serial number B04, were used; N. 10 shots of the same type of ammunition were fired, and the average velocity was calculated, along with the corresponding standard deviation, etc.

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Risultati:

| N       | V1 [m/s] | V2 [m/s] |
|---------|----------|----------|
| 1       | 468.84   | 370.72   |
| 2       | 474.01   | 376.91   |
| 3       | 473.03   | 376.91   |
| 4       | 479.05   | 376.39   |
| 5       | 477.29   | 385.10   |
| 6       | 472.68   | 372.36   |
| 7       | 475.50   | 376.67   |
| 8       | 476.60   | 381.80   |
| 9       | 476.67   | 380.95   |
| 10      | 474.36   | 378.37   |
| MEDIA   | 474.8    | 377.5    |
| MIN     | 468.8    | 370.7    |
| MAX     | 479.0    | 385.1    |
| RANGE   | 10.2     | 14.4     |
| DEV.SD. | 3.0      | 4.3      |
| C95%    | 2.1      | 3.0      |

The **accuracy** and **precision test** was carried out using a Manometric Barrel, with paper targets (0.1 mm thickness) placed 50 meters from the muzzle. N. 10 shots were fired, and the targets were then scanned to calculate the center of the group, the maximum distance from the center to the aimed point, and the maximum group diameter.

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| Serie                          |           |        |        |                             |
|--------------------------------|-----------|--------|--------|-----------------------------|
| N.                             | Vel. 2.5m | X (mm) | Y (mm) | Raggio rispetto a C.R. (mm) |
| 1                              | 472,99    | -21,4  | -14,6  | 58,4                        |
| 2                              | 474,58    | -47,5  | -11,5  | 73,4                        |
| 3                              | 479,19    | -48,0  | 7,0    | 63,7                        |
| 4                              | 473,96    | 21,4   | 22,4   | 17,8                        |
| 5                              | 479,22    | -35,0  | 57,8   | 49,5                        |
| 6                              | 475,35    | 24,5   | 84,5   | 51,7                        |
| 7                              | 477,51    | 101,5  | 78,1   | 101,9                       |
| 8                              | 475,37    | 97,0   | 83,3   | 100,2                       |
| 9                              | 480,69    | 33,3   | 56,5   | 32,3                        |
| 10                             | 477,32    | -35,0  | -11,5  | 64,2                        |
| Media                          | 476,6     | 9,1    | 35,2   | 61,3                        |
| Max                            |           |        |        | 101,9                       |
| Distanza C.R. dal punto Mirato |           |        |        | 36,4                        |

