

TECHNICAL DATA - TNT (trotyl) BLOCKS

TNT (trotyl) rounds with the different weights **100g, 200g and 500g** are intended for blasting with the detonating cord and detonating primer. They are ready for quick installation depending on the object to be demolished.

Thread is a booster of high brisance explosives which boosting detonation of the cord (primer) and the explosion of TNT.

TM 100g it is cylindrical in shape and is therefore intended (suitable) for demolitions in cylindrical boreholes. In addition, it is used for making improvised anti-personnel mines and various booby-trap mines.

Also with this type of TM (trotyl round) there is a type with and without the thread. TM is made of pressed TNT.

TM 100 (cardboard) testing is done by submerging them in water for 24 hours and then testing the combat effectiveness with a detonator primer, where each round must detonate completely. In the case of a plastic round, the hermeticity is tested in water under a pressure of 1.5 atmospheres for 12 hours, and then it is detonated.

In addition to the above, the plastic round is also tested for stability, where it is exposed to temperatures from +50 to -23 degrees.

Immediately after removal from the hot or cold chamber, detonation takes place where each round must detonate completely.

It is packed in a wooden case of 200 pcs. weighing 25 kg.

Picture No 1: Photo of TM-100 from the stock



Picture No 2: Photo of TM-100 from the stock



Picture No 3: Photo of TM-100 from the stock



Picture No 4: Photo of TM-100 from the stock



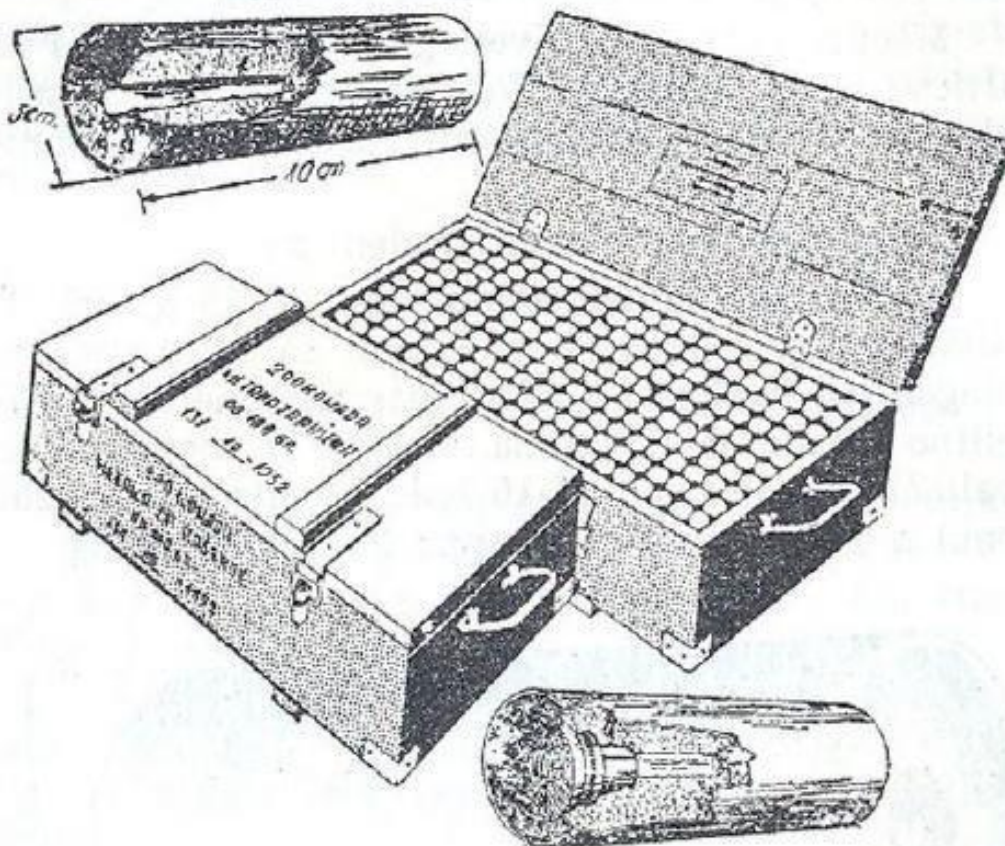
Picture No 5: Photo of TM-100 from the stock



Picture No 6: Photo of TM-100 from the stock



c) Trotilski metak za rušenje od 100 gr (sl. 1b), valjkastog oblika (3×10 cm), sa hermetičnom oblogom od plastične mase. Poklopac obloge na čeonj



Sl. 1a. Trotilski metak od 100 grama

strani ima ležište za upaljač sa navojjima M-10 \times 1. Pakuje se (po 200 kom.) u drveni sanduk, ukupne težine oko 25 kg.



Sl. 1b. Trotilski metak od 100 grama sa oblogom od plastične mase

TM 200g it has the same application as the previous TM and considering its wide application, this is the most massive type of explosive.

Also, with this TM there is a species with and without the thread. This TM is also used as an explosive charge of anti-personnel antimagnetic blast mine PMA-1.

All fuzes for anti-personnel mines as well as all types of special fuzes can be wound in the TM with thread.

TM 200 has a prismatic shape, made of pressed TNT, which after pressing is waxed. To protect against damage, the round is wrapped in waxed paper. There is also a newer round packed in a completely hermetic plastic body.

Both types are tested in the manner described for TM 100.

TM 200 are packed in a wooden case of 100 pcs. weighing 26 kg.

TM intended for anti-personnel blast mines PMA-1, are packed the same as rounds intended for demolition with an indication on the box that they are intended for PMA-1.

Picture No 8: Photo of TM-200 from the stock



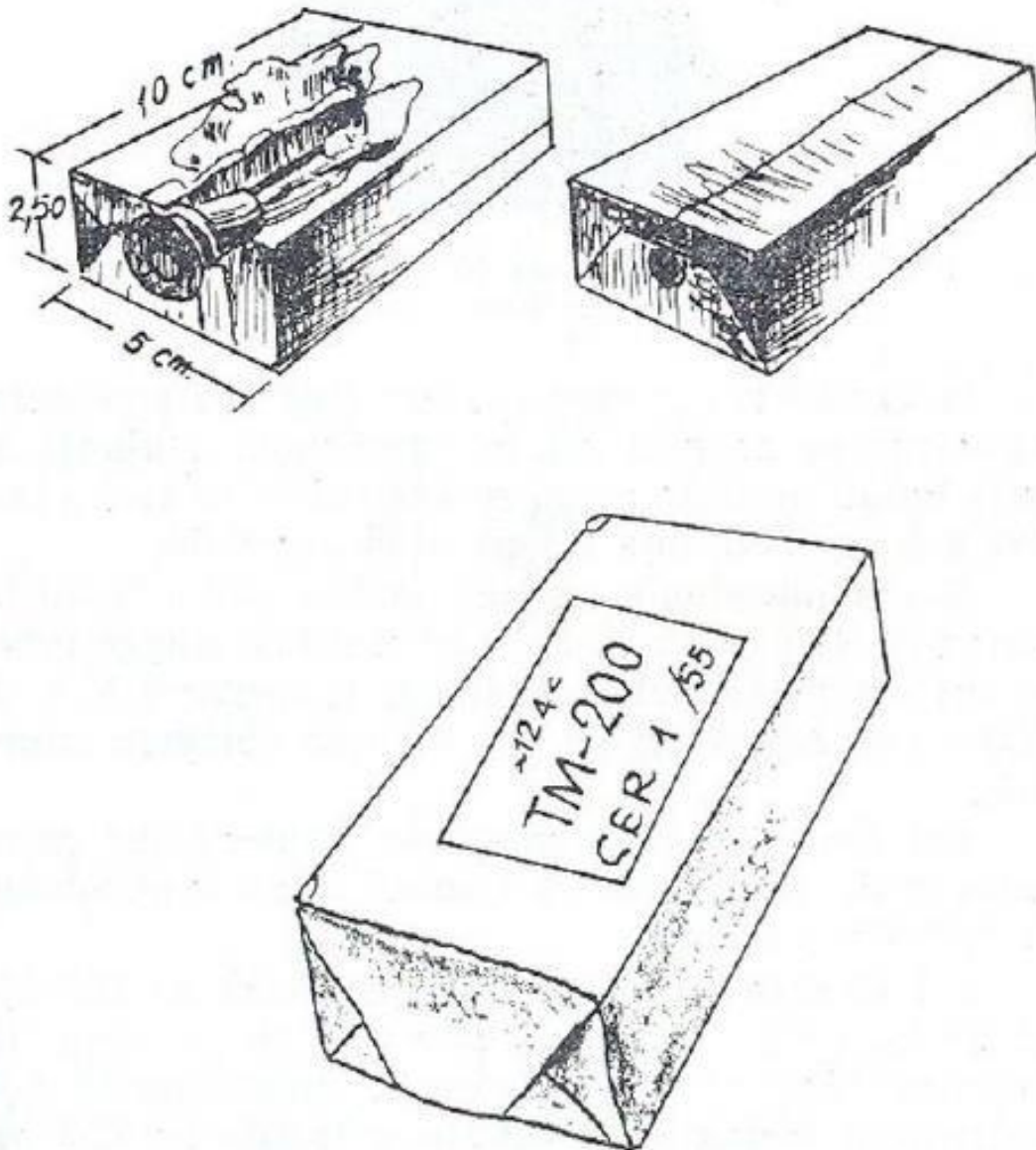
Picture No 9: Photo of TM-200 from the stock



Picture No 10: Photo of TM-200 from the stock



d) **Trotilski metak za rušenje od 200 gr** (sl. 2) prizmastičnog je oblika ($2,5 \times 5 \times 10$ cm) sa omotom od parafinisane hartije. Na čeonj strani ima baki-litno ležište za upaljač sa navojima M-10 \times 1. Pa-kuje se (po 100 komada) u drveni sanduk, ukupne težine oko 26 kg.



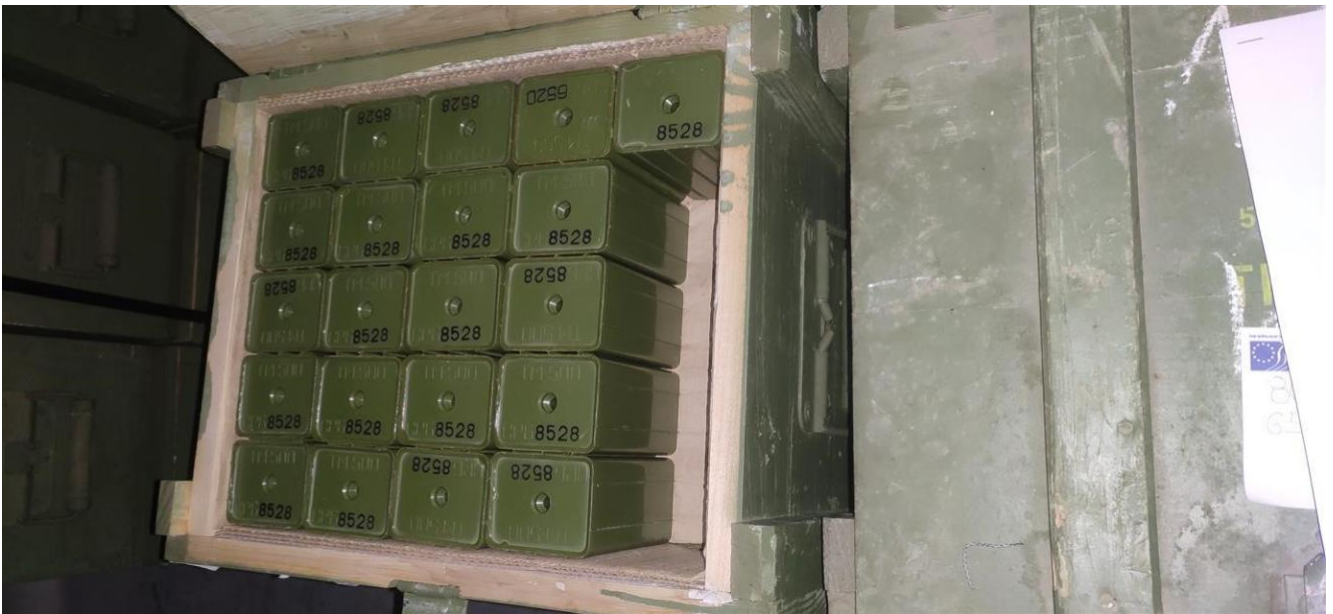
Sl. 2. Trotilski metak od 200 grama

TM 500g has a prismatic shape with a coating made of plastic mass. It is intended for demolition on dry land and under water up to 15 meters. Its main purpose is blasting under water and on swampy ground because the round is completely hermetic.

It is made of pressed TNT from the field, protected with paraffin, packed in a plastic case. Hermeticity is checked under water under a pressure of 1.5 atmospheres for 24 hours, after which they must detonate completely.

Also, as with TM 100, the bullet is tested for stability for 20 hours, during which it is exposed to temperatures from +50 to -23 degrees. Also, after checking in a hot or cold chamber, the round must detonate completely.

Picture No 12: Photo of TM-200 from the stock



Picture No 13: Photo of TM-200 from the stock



Picture No 14: Photo of TM-200 from the stock



Picture No 15: extract from the JNA (Yugoslav People Army) book.

e) **Trotilski metak za rušenje od 500 gr (sl. 3)** prizmatičnog je oblika ($5,2 \times 6,5 \times 10,5$ cm) sa hermetičnom oblogom od plastične mase. Poklopac obloge na čeonj strani ima ležište za upaljač sa navojima

Picture No 16: extract from the JNA (Yugoslav People Army) book.

M-10 \times 1. Standardno pakovanje je 50 metaka u drveni sanduk ukupne težine oko 35 kg. Postoji i nestandardno pakovanje (najčešće 27 komada).



Sl. 3. Trotilski metak od 500 grama sa oblogom od plastične mase