

ITALIAN FOUR-FUZE MINE



TYPE. Antitank mine

COLOR. Camouflage-painted

CASE. Wooden box

WEIGHT. 14 $\frac{1}{4}$ pounds

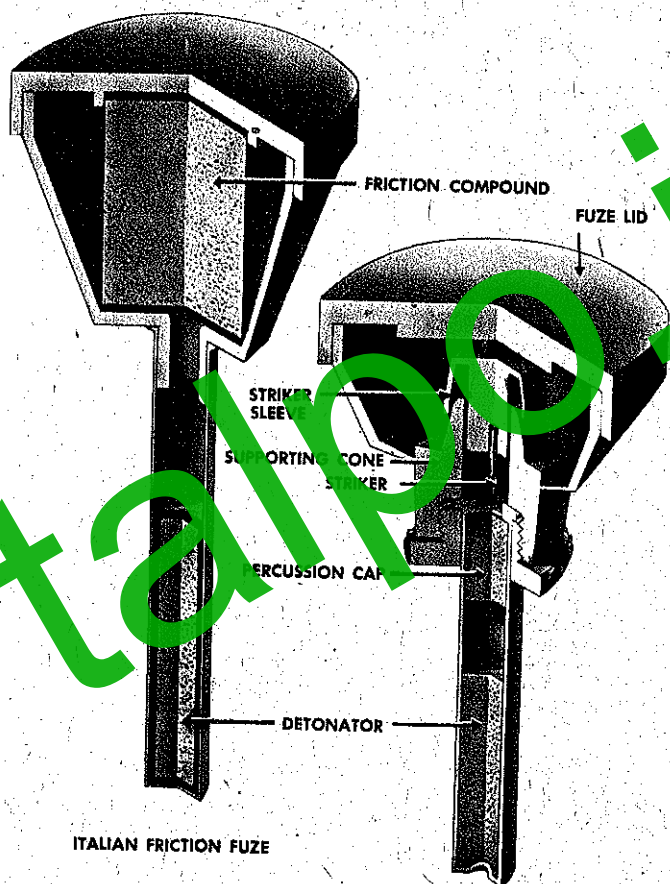
EXPLOSIVE. 11 pounds of TNT

ITALIAN FOUR-FUZE MINE

FUNCTIONING

When armed with friction fuze

1. Pressure of 100 to 360 pounds on cover crushes one or more fuzes.
2. Flash from friction compound in crushed fuze explodes detonator.
3. Detonator explodes mine.



ITALIAN FRICTION FUZE

ITALIAN PERCUSSION FUZE

When armed with percussion fuze

1. Load on cover forces fuze lid downward.
2. Fuze lid crushes bakelite supporting cones and forces strikers down.
3. Uprturned cone at base of striker breaks apart bakelite striker sleeve, permitting striker to continue downward.
4. Striker fires percussion cap.
5. Flame from cap explodes detonator—main charge.

ITALIAN FOUR-FUZE MINE

DISARMING

Avoid applying pressure on false pressure lid. If mine appears deteriorated, or has been disturbed by blast or artillery fire, destroy by hand-placed charges.

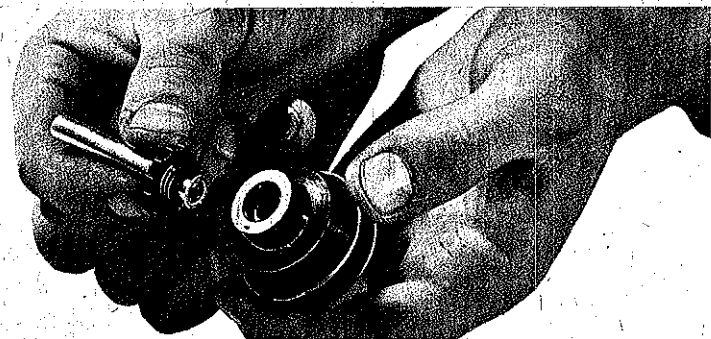
DEFUZING



1. Open clips and remove cover.



2. Remove fuzes and detonators.



3. Detach detonators from percussion type fuzes. Detonators are not detachable from friction type.

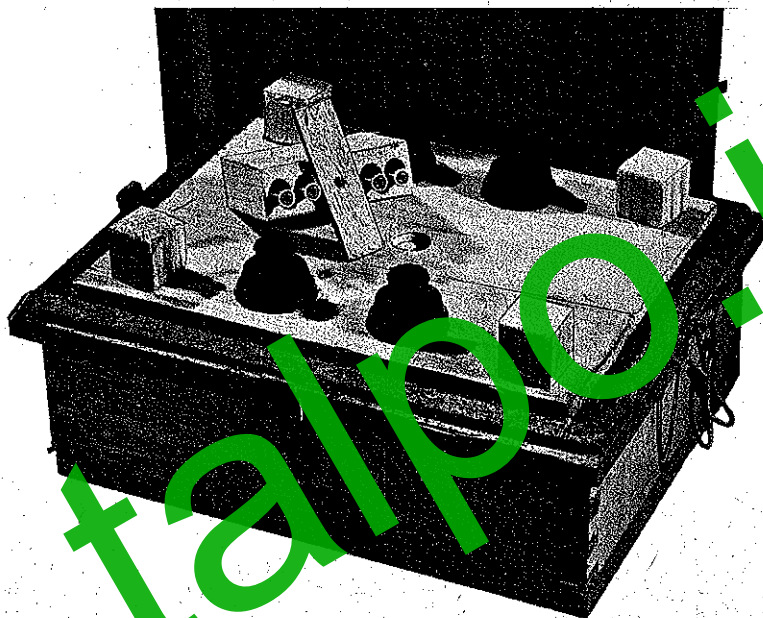
4. Plug arming holes and prepare mine for transport.

ITALIAN FOUR-FUZE MINE

INSTALLING AND ARMING

1. Remove cover.
2. Remove detonators and fuzes from storage recesses.
3. Fasten detonators to fuzes and insert into corner holes.
4. Replace cover and fasten clips.
5. Place mine in hole, with cover 2 to 3 inches below ground surface.
6. Cover with earth, and camouflage.

PACKING AND TRANSPORTING



Before transporting, each mine is packed as follows:

1. Insert wooden spacer cubes with pins in four fuze holes.
2. Place fuzes upside down in circular recesses in lid piece.
3. Store detonators in wooden block. Lug on block fits into another circular recess in lid piece.

RE-USE

Make sure dowel pins in cover are not partially sheared. Inspect fuzes for cracks.

NOTE

Mine was designed to avoid detection by mine detectors. However American detector detects mine at 6 inches.

ITALIAN WOODEN-BOX MINE



TYPE. Antitank mine

CASE. Wooden box

EXPLOSIVE. 5½ pounds gelignite

FUNCTIONING

1. Pressure of 185 to 380 pounds on cover shears copper shear pins.
2. Springs drive strikers onto percussion caps.
3. Caps explode detonators—main charge.

ITALIAN WOODEN-BOX MINE

DISARMING

Inspect for booby traps before moving.

DEFUZING

1. Remove cover.
2. Lift out fuzes.
3. Remove detonators.

INSTALLING AND ARMING

1. Remove cover.
2. Insert detonators in holes in mine lid.
3. Place fuzes in detonators.
4. Replace cover and fasten with wire handles.
5. Bury and camouflage.

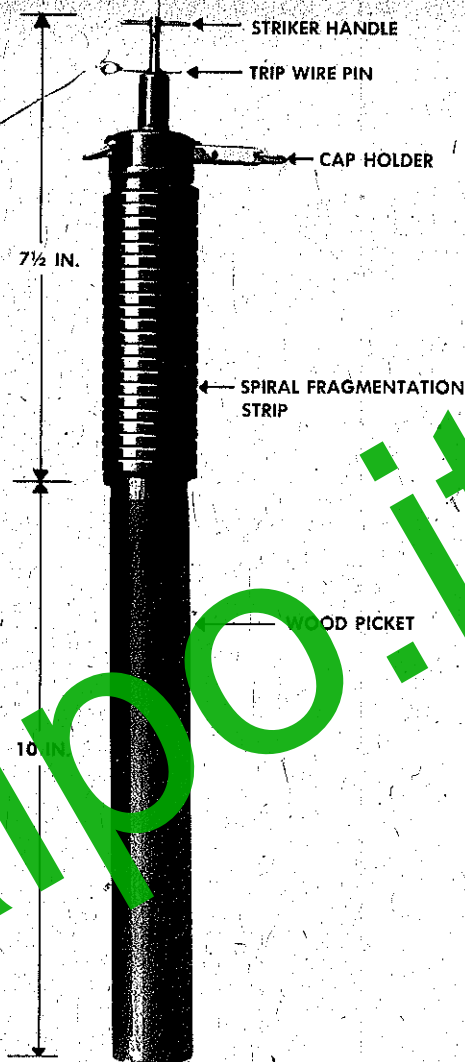
RE-USE

Make sure shear pins are not partially sheared.

SPACE FOR NOTES

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ITALIAN PICKET MINE



TYPE. Antipersonnel mine and booby trap

COLOR. Gray

CASE. Sheet metal surrounded by steel spiral

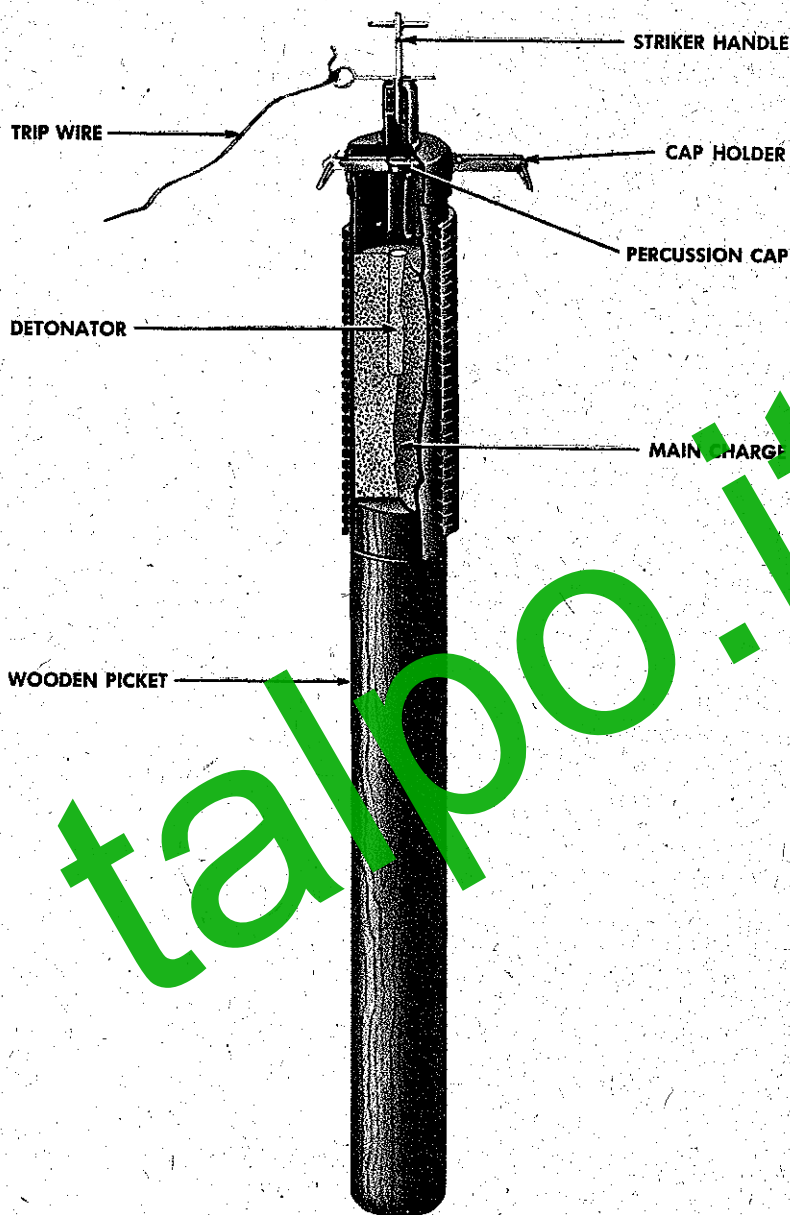
WEIGHT. 1 3/4 pounds

EXPLOSIVE. 3 1/2-ounce borehole charge

EFFECT. Effective fragmentation within radius of 10 yards; dangerous at greater distances.

EMPLOYMENT. As antipersonnel mine in forward areas.

ITALIAN PICKET MINE



FUNCTIONING

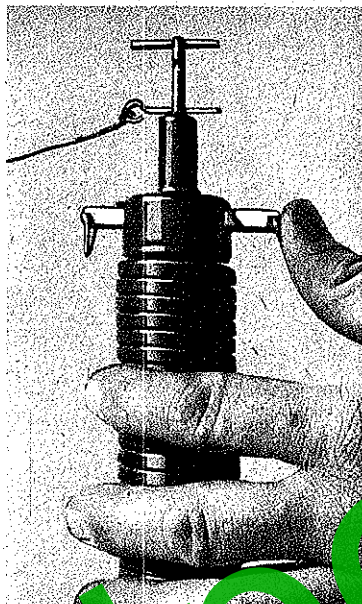
Trip-wire pin holds striker in cocked position.

1. Pull on trip-wire pin releases striker.

2. Striker driven by striker spring sets off cap—detonator—main charge.

ITALIAN PICKET MINE

DISARMING



1. Avoid all trip wires and slide cap holder to safety position.

2. Cut trip wires.

3. Remove pin and lower striker gently. Notch in cap holder engages end of striker when holder is in safe position.

4. Replace pin in upper hole.

DEFUZZING



1. Remove percussion cap from holder.

2. Unscrew striker group and remove detonator.

ITALIAN PICKET MINE

INSTALLING AND ARMING

1. Drive metal-covered picket in ground to form hole for mine. Remove.
2. Place mine upright in hole, with $7\frac{1}{2}$ inches extending above ground.
3. Insert detonator and screw on striker group.
4. Lay trip wire and anchor other end.
5. Raise striker and insert pin in bottom hole.
6. Attach trip wire to pin.
7. Camouflage
8. Place cap in cap holder, and push to armed position.

PACKING AND TRANSPORTING

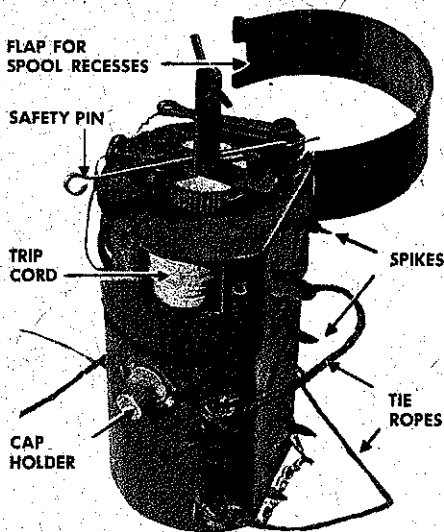
Wooden box contains 20 mines, one mallet, and one metal-covered wooden picket 15 inches long and $1\frac{1}{2}$ inches in diameter.

NOTE

It is possible to arm this mine by inserting the safety pin in the top hole. Disarm by pulling up on striker and sliding cap holder to safe position.

SPACE FOR NOTES

ITALIAN B4 MINE



TYPE. Antipersonnel mine

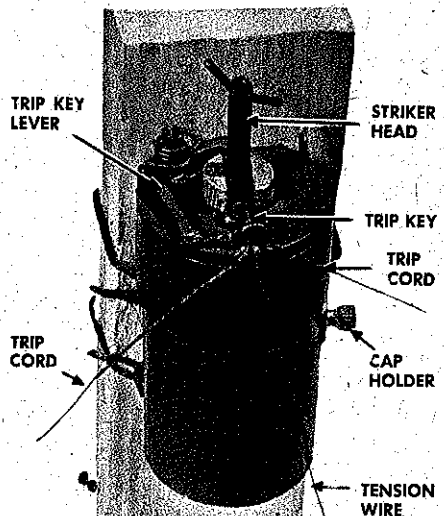
COLOR. Black

CASE. Sheet metal

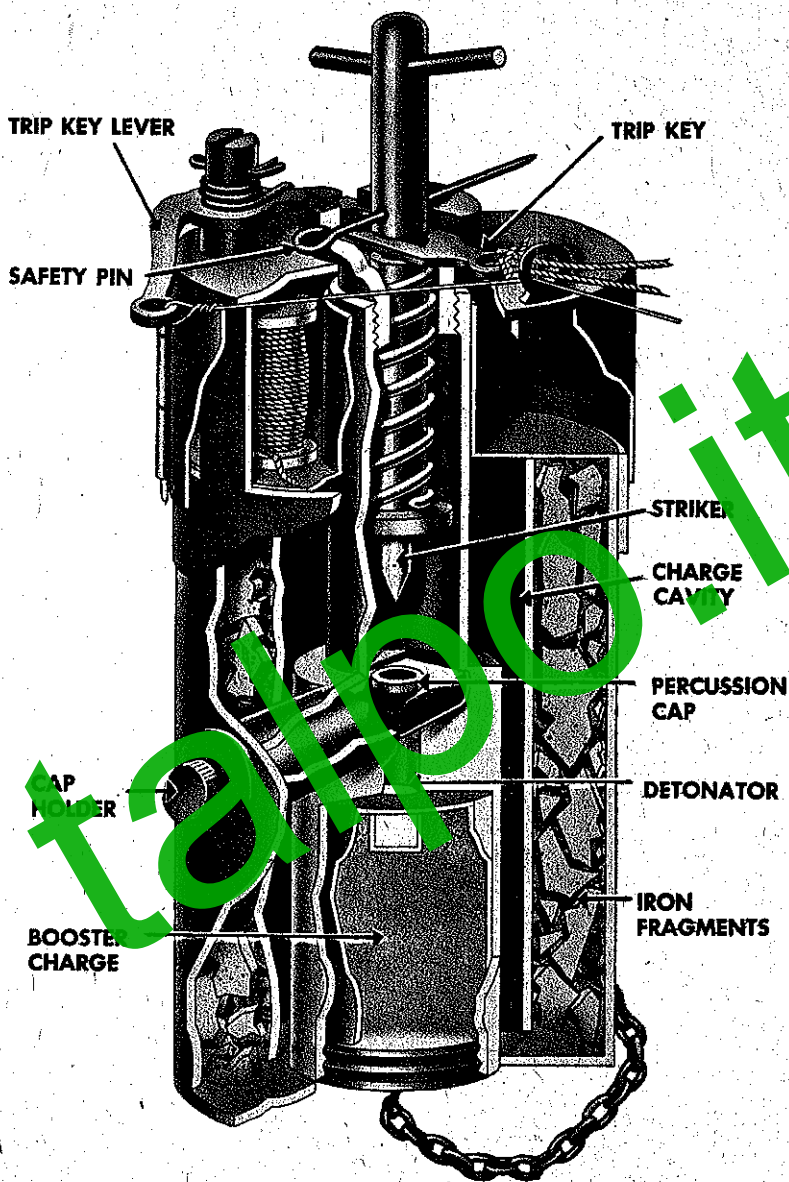
WEIGHT. 2 1/4 pounds

EXPLOSIVE. 1/4-pound powdered TNT

EFFECT. Causes casualties within radius of 10 to 15 yards.



ITALIAN B4 MINE



FUNCTIONING

1. When tension wire is released, or either of two trip cords is pulled, keyhole slot in trip key disengages striker.
2. Striker, driven by striker spring, sets off percussion cap—detonator—booster—main charge.