

## INTELLIGENCE CONNECTING US

REMOTELY FIRED EXPLOSIVE CHARGES  
FOR SEA MINE COUNTERMEASURE

UNDERWATER WEAPON SYSTEMS

### TOCZEK A, B, C



- effective,
- safe in operation,
- easy in use.

The System of remotely and wireless fired charges was developed to counter sea mines. Charges type A and B are transported and positioned by remotely operated vehicles ASW or AUV.

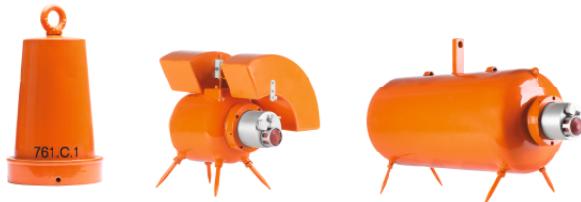
Charge type C is transported and located by divers. All types of charges are equipped with universal acoustic fuses. The fuses are equipped in a multi-level security system. The system possesses a device, which allows to test all fuse parameters.

#### Security features:

- Mechanical,
- Hydrostatic,
- Programmed arming delay,
- Complex code of arming,
- Programmed neutralization,
- Low magnetic field level,
- Galvanic isolation of receiver and fuse.



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TECHNICAL SPECIFICATIONS

Firing system:	Coded by a hydro acoustic system
Operating depth:	6 - 120 m
Operating temperature:	-10°C -+ 40°C
Arming delay:	10 - 300 min.
Self-destruction delay:	40 - 480 min.
Firing distance:	up to 1000 m
Storage time:	30 years
Storage temperature:	-40°C -+ 60°C

TYPE	DIMENSIONS	TOTAL WEIGHT	TNT WEIGHT
A	250 x 740 mm	48 kg	40 kg
B	180 X 340 mm	10 kg	6 kg
C	120 X 270 mm	3 kg	0,6 kg

