

HALCON

PENETRATING WARHEADS

DEEP
PENETRATION.
TACTICAL
IMPACT.



Penetrating warheads developed at HALCON to penetrate concrete and ships.

S P E C I F I C A T I O N S

EARTH-QUICK (400 KG)

Target	Covered and uncovered objects (ground and naval) with SRM strikes at a distance of up to 300 km in conditions of active countermeasure (missile defense and jamming)
Target material	Reinforced concrete
Type of weapon	Solid propellant, guided, inseparable nose section, with aeroballistics trajectory
Casing and bulkhead material	PBXN-109
Booster material	RDX 95% + KeI-F 5%O
Explosive mass / total warhead mass ratio (C/M)	0.124
Total mass	298 kg
Average wall thickness	4 cm
Warhead type	Inserted penetrating
Destructive factors	Kinetic energy of impact combined with following explosion of warhead
Missile relative velocity at the time of warhead engagement	800 - 1,200 m/s
Penetration depth into reinforced concrete	3.6 m
Penetration depth into steel	1 m

ANTINAVE 1 AND ANTINAVE 2

Minimum weight	90 kg
Warhead length	590 mm
Warhead diameter	242 mm
Explosive charge weight	16.1 kg
Body weight	72.6 kg
Explosive charge material	PBX