



60 mm (ER, LR-AS)



GENERAL SPECIFICATIONS

ER-HE: Extended range high explosive 60mm mortar is designed to improve range and performance, but launcher in this type is different and a long-barrelled mortar is needed.

Above-surface long range high explosive 60mm mortar bomb

In this kind of mortar shell the basic fuze AZ111-A2 is replaced with AZ111-A2/AS. In case of not using above-surface mechanism it will work as an ordinary long range 60mm mortar shell, but in case of setting fuze to immediate position and using above-surface mechanism, fragments that impact target will increase 30% more and this means that effectiveness of mortar is increased.



LR-AS

HE ER

TECHNICAL SPECIFICATIONS

Type	High Explosive (Er)	High Explosive (Lr-As)
Length, Fused (mm)	400 ± 2	500 ± 2
Weight, Fused (gr)	2345 ± 30	1670 ± 25
Caliber (mm)	60	60
Color	Olive green / Khaki	Olive green / Khaki
Filler Material (g)	315 TNT	210 TNT
Charge	1red + 7 white	1red + 3 white
Body	Forged steel	Forged steel
Tail	Extruded Aluminum	Extruded Aluminum
Fuze	AZ111-A2	AZ111-A2/AS
Primer	M35	M35
Muzzle Velocity (m/s)	320 ± 3	219 ± 3
Max. Chamber Pressure (bar)	850	450
Max. Range (m)	5800	3000
Armament	60mm Long –Barrelled Mortars: 130Cm	60mm mortars

PACKING DATA

Type	High Explosive (ER)	High Explosive (LR-AS)
Quantity per Box	10	10
Box Weight (kg)	37 ± 2	30 ± 2
Box Dim (mm)	531 x 473 x 247	545 x 407 x 232
Box per Pallet	20	20
Pallet Dim. (mm)	1065 x 890 x 1280	1090 x 785 x 800