



122 mm (HE, HE-HB, smoke, WP)



GENERAL SPECIFICATIONS (HE)

122mm Howitzer Ammunition series are semi-fixed and widely used all over the world since World War II as reliable artilleries in military services. High Explosive of-462 intended for use with D-30 Howitzer Gun.

GENERAL SPECIFICATIONS (HE-HB)

122 mm Howitzer Ammunition series are separate loading munitions widely used all over the world since World War II as reliable artilleries in military services. High explosive hollow base is intended for use with D-30 Howitzer Gun.

GENERAL SPECIFICATIONS (SMOKE, WP)

122 mm smoke ammunition uses WP to conceal and spot by limited incendiary effect. The ammunition is semi-fixed; the cartridge case is loaded separately so that where appropriate, the propellant charge can be altered to suit the fire mission.



AMMUNITION

TECHNICAL SPECIFICATIONS

Type	HE	HE-HB	WP,D-462
Projectile length fused (mm)	571.8	668	571.8
Projectile weight fused (kg)	21.760	21.75	22
Propellant charge (kg)	Full - 3.8, Reduced - 2.5	Full - 3.8	Full - 3.8
Filling material (kg)	4.05 TNT	3.25 TNT	3.8 WP
Primer	MC22/30	MC22/30	MC22/30
Fuze	Fuze PD M557 or PD M572 or B429	Fuze PD M557 or PD M572 or B429	Fuze PDM 557& B429
Muzzle velocity (m/s)	Full Chrg690, Reduced Chrg565	700	Full Chrg690, Reduced Chrg565
Max. range (m)	Full Chrg.15300, Reduced Chrg. 12840	17300	Full Chrg16800m Reduced Chrg13430
Max. chamber pressure (bar)	Full Chrg.2500 bar Reduced Chrg. 2300	2500	Full Chrg2900 bar Reduced Chrg2500
Cartridge case length (mm)	----	446.4	446.4
Cartridge case weight (kg) (w/o charges)	----	5.15	5.15
Armament (mm)	122 HOW D30	122 HOW D30	122 HOW D30

PACKING DATA

Type	HE	HE-HB	Smoke
Quantity per box	1	1	1
Box weight	42 kg	42 kg	40 kg
Box dimensions (cm)	64 x 35 x 23	70 x 46 x 25	119 x 39 x 25
Box per pallet	24	8	15
Pallet weight	1008 kg	350 kg	600 kg
Pallet dimensions (cm)	135 x 110 x 110	91 x 72 x 115	105 x 137 x 103