



01 / PRODUCT OVERVIEW

462A1

122 mm HE shell 462A1



FIG 01 PRODUCT CONFIGURATION

12800 m (reduced charge); 15000 m (full charge)

MAXIMUM RANGE

565 m/s (reduced charge); 690 m/s (full charge)

MUZZLE VELOCITY

21.76 kg

PROJECTILE WEIGHT

 ≤ 2450 bar

MEAN MAXIMUM PRESSURE OF POWDER GASES

01.1 / OVERVIEW

Separate-loaded 122 mm TNT-filled high-explosive round for D-30, D-30J and 2S1, fired with reduced or full charge.

TYPE

HE

CALIBRE

122 mm

STANDARD

Eastern

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

462A1 / AMMUNITION

IDENTITY AND CONSTRUCTION

Projectile weight	21.76 kg
Cartridge case weight	3.66 kg (steel case M78); 4.06 kg (brass case M19)
Projectile length	562 mm
Cartridge case length	447 mm
Fuze	UTIU, M72 B1
Fuze action	impact, superquick and delay

BALLISTIC PERFORMANCE

Muzzle velocity	565 m/s (reduced charge); 690 m/s (full charge)
Maximum range	12800 m (reduced charge); 15000 m (full charge)
Mean maximum pressure of powder gases	<= 2450 bar
Operating temperature	-30 to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Propelling charge weight	2.6 kg (reduced charge); 3.8 to 4 kg (full charge M78)
Packaging	2 rounds in a wooden case

ADDITIONAL TECHNICAL DATA

Explosive charge	3.6 kg TNT
Weapon compatibility	122 mm howitzers D-30, D-30J and SP 2S1



CONFIGURATION VIEWS

462A1 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / in packing crate

