



مجمع الشجرة الصناعي - الزخيرة

AL-SHAGARA INDUSTRIAL COMPLEX

Excellence Award Winners



مِنظومة الصِّناعة الدِّفاعية

DEFENCE INDUSTRIES SYSTEM
SUDAN - MASAD - السودان

7.62×39 mm Ball Cartridge (Type 56)

Rimless bottlenecked intermediate cartridge. The cartridge is widely used due to the worldwide proliferation of Russian SKS and AK-47 pattern rifle, as well as RPD and RPK light machine guns. The steel core allows for more stable intermediate ballistic.

Technical Specifications:		
Structure	Bullet	Bimetal jacket, steel core, lead sheath
	Case	Bimetal
	Primer	Non-corrosive, Berdan primer
	Propellant powder	Single base
Technical Parameters	Cartridge length	56mm
	Cartridge weigh	16.5g
	Bullet weight	7.9g
	Initial velocity	$V_{25} = 725 \pm 15\text{m/s}$
	Maximum chamber pressure	$P_{m(36.6)} \leq 275\text{MPa}$
	Spread accuracy	300m : $R50 \leq 7.5\text{cm}$
Matching Firearms	Caliber 7.62×39mm	7.62mm type 56 semi-automatic rifle (CKC) type 56 sub-machine gun (AK47-), type 56 light machine gun (RPK)
Packaging		
Packing	Ordinary packing	150 rounds / plastic bag, 750, 1500 rounds / wooden case, gross weight: 29.3kg / wooden case
		25 rounds / paper package, 750 rounds / galvanized iron box, 1500 rounds / wooden case, gross weight: 30kg / wooden case
Volume of packing	Ordinary packing	(length × width × height): (0.47×0.34×0.13) m 0.021m ³
		(length × width × height): (0.48×0.28×0.225) m 0.03024m ³ wooden case

