



مجمع الشجرة الصناعي - الزخيرة

AL-SHAGARA INDUSTRIAL COMPLEX

Excellence Award Winners



مِنَظُومَةُ الصَّنَاعَةِ الدِّفَاعِيَّةِ

DEFENCE INDUSTRIES SYSTEM
SUDAN - MASAD - السودان

5.56×45mm NATO Ball Cartridge (M193)

Rimless bottlenecked intermediate cartridge applicable to STANAG 4172.

Technical Specifications:		
Structure	Bullet	Bimetal jacket, lead core
	Case	Brass
	Primer	Non-corrosive, Boxer primer
	Propellant powder	Single base
Technical Parameters	Cartridge length	57.4mm
	Cartridge weigh	11.9g
	Bullet weight	3.56g
	Initial velocity	$V_{25} = 965 \pm 12\text{m/s}$
	Maximum chamber pressure	$P_{m(36.6)} \leq 358\text{MPa}$
	Accuracy	29cm (L+W)
Matching Firearms	Caliber 5.56×45mm	223 rifle, M16 assault rifle, CQ assault rifle
Packaging		
Packing	Ordinary packing	150 rounds / plastic bag, 1500 rounds / wooden case, gross weight: 29.3kg / wooden case
Volume of packing	Ordinary packing	(length × width × height): (0.480×0.280×0.225) m 0.03024m ³ (wooden case)

