

مجمع الشجرة الصناعي - الزخيرة

AL-SHAGARA INDUSTRIAL COMPLEX

Excellence Award Winners



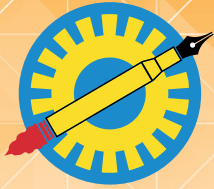
مِنظومة الصِّناعة الدِّفاعية

DEFENCE INDUSTRIES SYSTEM
SUDAN - MASAD - السودان

14.5×114mm API Cartridges

Heavy machine gun armor-piercing incendiary cartridge, used against-armored targets. Suitable for all 14.5×114mm weapons.





مجمع الشجرة الصناعي - الزخيرة

AL-SHAGARA INDUSTRIAL COMPLEX

Excellence Award Winners



مِنظومة الصِّناعة الدِّفاعية

DEFENCE INDUSTRIES SYSTEM
SUDAN - MASAD - السودان

14.5×114mm API Cartridges

Heavy machine gun armor-piercing incendiary cartridge, used against-armored targets. Suitable for all 14.5×114mm weapons.

Technical Specifications:		
Structure	Bullet	Clad steel jacket, hard steel core, lead sleeve
	Case	Steel coated with paint
	Primer	Berdan corrosion-proof
	Propellant powder	5/7 camphor single base smokeless
Technical Parameters	Cartridge length	154.5 ~ 156mm
	Cartridge weigh	175 ~ 188g
	Bullet weight	63 ~ 64.8g
	Initial velocity	V = 980 ~ 995m/s
	Maximum chamber pressure	P ≤ 325MPa
	Density	Target distance of 300m, 2- Target average: R50 ≤ 20cm & R100 ≤ 50cm
	Penetration performance	Target distance of 300m, penetration 20mm / 20 armor plats, penetration effectiveness ≥ 80%
	Incendiary performance	Target distance of 100m, penetration 20mm - thick armor plats, incendiary effectiveness for oilpaper ≥ 80%
Matching Firearms	Heavy machine gun	14.5mm anti-aircraft type 75/75 - 1/80
		14.5mm quadruple-barreled anti-aircraft type 56
		14.5mm twin-barreled anti-aircraft type 58
Packaging		
Packing (1) Wooden box	Type □	Iron box + Wooden box
	Quantity	47 rounds / iron box, 2 iron box / wooden box
	Gross weight	23kg / wooden case
	Dimension / wooden box	(length × width × height): (0.48×0.38×0.13) m 0.0237m ³
Packing (2) Ballet	Type □	Plastic cover + Wooden ballet
	Quantity	72 wooden box
	Gross weight	1.686kg / ballet
	Dimension / ballet	(length × width × height): (1.4×1.05×1.2) m 1.764m ³