



20MM PGU-28 A/B

Semi-Armor Piercing High Explosive Incendiary
(SAPHEI)

System Qualification

F-15, F-15E, F-16, F/A-18, AH-1	
Gun Systems	M61A1, M61A2, M197
Compatibility	20mm x 102mm

Characteristics

Cartridge Length	6.615 in. max
Cartridge Weight	4200 grains max
Projectile Material	Hardened steel w/aluminum nose cap
Projectile Weight	100 grams
Cartridge Case	M103 Brass
Propellant	WC868 BALL POWDER®
Primer	M52A3B1
Tracer	None
Fuze	Pyrotechnic

Ballistics

Explosive	Comp. A-4 w/pyrophoric
Muzzle Velocity	3410 ft/sec.

Temperature Limits

Temperature Range	-65°F to +160°F
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Packing

Bulk Pack M548 Can	
No. Cartridges	250
Cu. Ft.	1.3
Weight per Can (lbs.)	166
Linked M14A2N in M548 Can	
No. Cartridges	100
Cu. Ft.	1.3
Weight per Can (lbs.)	92

Shipping & Storage Data

DOT Shipping Class	1.2E
DOT Designation	Cartridge for weapons, explosive projectile

NSN/DODIC

Bulk Pack	1305-01-451-8675/AA22
Linked M14A2N (All PGU28 A/B)	1305-01-451-8683/AA23
Linked M14A2N (4 each PGU28A/B + 1 each PGU30 A/B)	1305-01-451-8665/AA26



GENERAL DYNAMICS
Ordnance and Tactical Systems