



CAST BOOSTERS

- Proven Reliability
- Inherently Safe
- High Detonation Velocity and Pressure
- Unlimited Shelf Life
- Sensitized Explosive Core

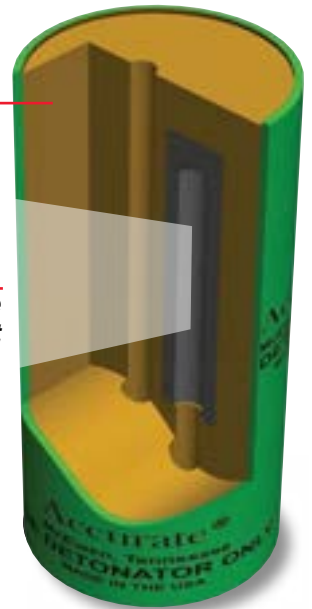


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U.S. Patent No. 8127682

Booster Cross Section with Top-Hat Pellet and Through-Hole Pellet.

Top-hat Pellet

Through-Hole Pellet



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	90 g	150 g	8 oz	12 oz	14 oz	16 oz	32 oz
Nominal VOD	>25,000 fps	>24,000 fps	>24,000 fps	>24,000 fps	>24,000 fps	>24,000 fps	>24,000 fps
Nominal Detonation Pressure	262 kbars	236 kbars	236 kbars	236 kbars	236 kbars	236 kbars	236 kbars
Nominal Density	1.65 g/cc	1.61 g/cc	1.61 g/cc	1.61 g/cc	1.61 g/cc	1.61 g/cc	1.61 g/cc
Diameter	1.00 inches	1.31 inches	1.503 inches	1.875 inches	2.000 inches	2.170 inches	3.0 inches
Length	4.70 inches	4.70 inches	4.70 inches	4.70 inches	4.70 inches	4.70 inches	4.70 inches
Weight	90 g	150 g	8 oz	12 oz	14 oz	16 oz	32 oz
Formulation	TNT/PETN	RDX/TNT/PETN	RDX/TNT/PETN	RDX/TNT/PETN	RDX/TNT/PETN	RDX/TNT/PETN	RDX/TNT/PETN

Booster Size	Part Number	Box Dimensions	Number of Units	Gross weight (lbs)
90 g	FB-AE03	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	112	25
150 g	FB-AE05	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	70	26
8 oz	FB-AE08	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	60	33
12 oz	FB-AE12	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	40	33
14 oz	FB-AE14	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	40	40
16 oz	FB-AE16	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	28	31
16 oz - Duplex	FB-AE16TP	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	28	31
32 oz	FB-AE32	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	15	33
32 oz - Duplex	FB-AE32TP	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	15	33
80 oz	FB-AE80	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	6	33
80 oz - Duplex	FB-AE80TP	19 ^{1/2} x 11 ^{5/8} x 5 ^{1/4} H	6	33

AES Boosters incorporate a capwell deep enough (4 inches) to accommodate all commonly used detonators.
NOTE all boosters are cap sensitive only.

Explosive Classification: UN0042, Boosters, 1.1D, PG11

Storage: Store in a cool, well ventilated magazine approved for 1.1D explosives

Ex Number: 2012070957

