

Grenades,
Demolition,
Pyrotechnics,
Fuzes,
Primers &
Detonators

Grenade Hand

AP HE P2 A1 (ARGES-84)



This is designed to inflict massive damage against soft targets within its blast radius of 20 meters.

Technical Data

Weight of the grenade	480 ± 20 gm
Body	Plastic with embedded steel balls
Length	115 ± 3 mm
Diameter	60 mm (Approx)
No. of steel balls	5000 (approx dia 2-2.3 mm)
Weight of the explosive	95 ± 5 gm of plasticized PETN
Effective range	20 mtr radius
Activation	Lever activated with delay time of 3.5 to 5 sec

Packing

Each grenade packed in a plastic container, 12 such containers packed in a steel box:

Size of box	33.5 x 26.5 x 14.5 cm
Weight of box	11 Kg
Colour & marking	Service brown with yellow / white stencilling

Grenade Hand

Target Indication MK-2



These grenades are used to generate coloured smoke for signalling activities of small units for short period of time.

Available in following colours:

White	P4 MK2 (JM)
Green	P5 MK2 (XL)
Blue	P6 MK2 (WL)
Orange	P7 MK2 (GG)
Red	P8 MK2 (PA)
Yellow	P9 MK2 (LK)

Technical Data:

Weight	330 - 410 gm (Approx)
Height	144 mm
Diameter	56.5 mm
Operation	By releasing safety pin
Body	Steel drawn tube
Emission of smoke	50 ± 10 sec

Packing

Each grenade packed in a plastic container, 20 such containers are packed in a wooden/Steel box

Size of box	60 x 29 x 19 cm
Weight of box	19 Kg
Colour & marking	Service brown with yellow /white Stencilling

Grenade Hand

Discharger WP P3 MK1



This is a lever operated non-bursting type grenade used for creating smoke screen with incendiary effect.

Technical Data

Weight	510 gm
Height	150 mm
Diameter	58 mm
Operation	Lever activated with delay time of 3.5 - 5 sec
Body	Tin sheet

Packing

Each grenade packed in a tin/ plastic container, 20 such containers are packed in a steel box:

Size of box	60 x 29 x19 cm
Weight of box	22 Kg
Colour & marking	Service brown with yellow /white Stencilling

Demolition

Charge Demolition No. 1, 6 Inch Beehive MK- 1



This charge is used for demolition of bunkers and similar RCC structures. The charge is detonated by detonator No. 27 with a suitable length of safety fuze or by electric detonator No. 33 or No. 8.

Technical Data

Weight of explosive	3.2 Kg (Approx)
Charge	Compo B
Total weight	3.250 Kg (Approx)

Packing

2 charges packed in a cylinder and two cylinders (4 charges) packed in a wooden box:

Size of box	51 x 44.5 x 26 cm
Weight of box	33 Kg
Colour & marking	Service brown with yellow / white stencilling

Demolition 1 OZ CE Primer



This is used for detonation of high explosive charges and consists of pure tetryl.

Technical Data

Length	2.9 - 3.4
Weight	28.35 gm
Shape	Conical cylinder (Single perforation)

Packing

Each primer wrapped internally and externally with lead free paper. Top & bottom covered with lead free and waxed paper washers to make it completely waterproof. 10 primers packed in a metallic cylinder, 6 cylinders (60 primers) packed in a cardboard carton:

Size of carton	37.4 x 15.3 x 18 cm
Weight of carton	8 Kg
Colour & marking	Service brown with yellow / white stencilling

Flare Trip Wire MK 2/2



This is a safety device used for giving a signal and light to people being protected by this arrangement. A spool of wire is supplied along with the device, which activates the mechanism when any hostile intruder or trespasser trips over the wire, a candle of illuminating composition is initiated.

Technical Data

Height of flare candle	98 ± 1mm
Diameter	62.5 mm
Primer	Percussion type ABC
Illuminating composition	SR 547
Time	Not less than 60 sec
Intensity	40,000 candles
Weight of complete flare	1.84 Kg

Packing

Each flare placed in carton, further packed in a tin box with arm link assembly and one trip wire spool with cardboard fitments. 12 flares packed in a steel box:

Size of box	67 x 28 x 25 cm
Weight of box	34 Kg
Colour & marking	Service brown with yellow / white stenciling

Cartridge Signal Pencil Shooting Type



These cartridges are meant for firing by a Shooting Pencil and are used for signalling during day or night. On firing, the star is propelled to the prescribed height and emits the specific colour of light.

Available in following types:

Red

Green

Illuminating

Note: Pencil Shooting Gun (Pyrotechnic Pistol) is also in production line of POF.

Technical Data

Burning time	5.5 sec
Height to which ejected	70 m

Packing

216 cartridges packed in a steel box:

Size of box	29.2 x 19.7 x 21.7 cm
Weight of box	6 Kg
Colour & marking	Service brown with yellow / white stencilling

Fuze, Primers & Detonators



Detonators

Type	Utilization
Detonator M-17	Fuze PDM 557
Detonator M-24	Fuze PDM 557
Detonator No. 32	81 & 120 mm Mortar Bombs
Detonator No. 108	37 mm HE/T
Detonator No. 137	37 mm HE/T
Detonator No. 237	37 mm HE/T
Detonator No. 208	60 mm Mortar Bomb

Fuzes

Type	Utilization
No. 6 & 8	30 mm HEI API
HE-1	37 mm HE/T
V9P1/A2	60 mm Mortar Bomb HE & Smoke
V 19 PA-A2	81 mm Mortar Bomb HE & Smoke
PDM 557 M	25 PDR HE
PDM 557	105 mm HOW HE & Smk, 155 mm HOW HE
L 56	105 mm TK HESH
V 19 P A2	120 mm Mortar Bomb HE & Smoke
LIU 4	122 mm HOW HE T-54 & D-30
LIU 5	130 mm HE
PF-1A Proximity	105 mm HE & 203 mm HOW HE

Primers

Type	Utilization
Percussion type No. 304 A-1	122 mm HOW HE
Percussion type D-5	130 mm Gun HE & 122 mm HOW D-30
Percussion type MK2A4	155 mm HOW HE
Percussion type P-6	106 mm HEAT
Electric type L20 A1	105 mm APFSDS
No. 303	60,81 & 120 mm Mortars
No. 12 MK4/LA	37 mm HE/T
No. P1 MK3	105 mm HOW HE, Smk & Blank
No. 330	30 mm Ball & HEI
Percussion type No. M-82	155 mm HOW & 8" HOW
Prime rPercussion type P-5	100 mm APFSDS