



60 mm (Split Ring Ans Flake)



General

These increments charges are fired by all 60mm mortar. These propellants are kinds of double-base propellants containing NC, NG, plasticizer and stabilizer.

Packing Split Ring:

It is charged in Viscose rayon ring shape bag, and each set is packed inside PE bags.

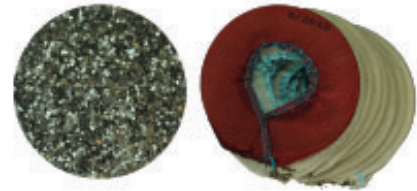
Packing flake: It is charged in horseshoe celluloid and each set is packed inside PE bags.

Storage: Should be stored in -10 up to +30°C

Shelf life: 15 years (min)

TECHNICAL

Form	60mm Split ring	60mm Flake	60mm LR Split ring
Dimension (mm)	-	2 × 2	-
Inner Diameter (mm)	24.3 ± 1	-	27.3 ± 1
Outer Diameter (mm)	50 ± 1	-	49.5 ± 1
Thickness (mm)	0.12 - 0.18	0.15 ± 0.03	0.30 - 0.35
Moisture (%)	< 0.5	< 0.5	< 0.5
Heat of explosion (cal/gr)	1250 ± 20	1250 ± 20	1210 ± 20
Stability at 120°C (min)	≥ 40	≥ 40	≥ 40



BALLISTIC SPECIFICATIONS

Form	60mm Split Ring	60mm Flake	60mm LR Split Ring
Total charge (gr)	~18 (ch 3)	~18 (ch 3)	~36 (ch 4)
Velocity at 21°C (m/s)	198 ± 3	198 ± 3	215 ± 3
Std. Dev. of Velocity at 21°C (m/s)	≤ 1.8	≤ 1.8	≤ 1.8
Max. pressure at 21°C (bar)	≤ 350	≤ 350	≤ 450



Note: Another kind of increment charge is are produced for 60mm mortar with single-base propellant (M10) charged in horseshoe celluloid.

