

iNSTA

Insta Steel Lynx™

Ultimate
ground-mounted
bounding
fragmentation
charge



insta.fi/steel

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Unique and powerful fragmentation charge

Battlefield requirements change constantly. Therefore, new effective systems to adapt to this change are needed. Insta has developed an innovative product to support active defence tactics.

The unique and patented charge can be quickly installed on the ground. When a propelling charge is fired, the main charge rises into the air for the effect detonation. The charge can be fired using any available launch system and can be detonated by any No. 8 detonator.

With the entire impact directed downwards on target in an ideal angle and density, the fragmentation effect supersedes the fragmentation effect of traditional indirect fire. The charge is extremely accurate against soft and light armored targets.



Insta Steel Lynx™ technical specifications

Weight	7 kg (+/- 100 g)
Dimensions (DxH)	271 x 141.3 mm
Projectiles (amount)	3000
Impact range	2000 m ²
Fragmentation effect	Scalable
Opening angle	> 90°
Type of fragment	Steel/Tungsten. Can be modified.
Fragment diameter	3.7 mm / 0.14 inch
Maximum effectivity	The charge is over 4 times more effective than a 120 mm traditional mortar.

Ideal effect - Accurate and effective directed impact

- The charge kinetic power is based on the fragmentation effect.
- The charge comprises 3,000 projectiles with its impacting radius covering a 2000 m² area (1.5 projectiles/m²), which is 1/3 the size of a football field.
- Steel fragment with a 3.7 mm diameter penetrates plus 2 mm steel.
- Tungsten fragment with a 3.7 mm diameter penetrates plus 5 mm steel.
- ON/OFF Switch.

