KZ MEKATRONİK

LINEAR CUTTING SERIES

Mk 1

- 6 mm x 152 mm x 11 mm
- 120-degree angle and 8 mm leg length

Mk 2

- 6 mm x 152 mm x 10 mm
- 120-degree angle and 22 mm leg length

Mk 3

- 5 mm x 152 mm x 10 mm
- 80-degree angle and 5 mm leg length

Mk 4

- 10 mm x 76 mm x 21 mm
- 80-degree angle and 10 mm leg length

Mk 5

- 10 mm x 152 mm x 21 mm
- 80-degree angle and 10 mm leg length

Mk 6

- 13 mm x 152 mm x 24 mm
- 80-degree angle and 13 mm leg length

Mk 7

- 19 mm x 152 mm x 27 mm
- 80-degree angle and 19 mm leg length

Mk 8

- 58,60 mm x 154 mm x 31,60 mm
- 80-degree angle and 27 mm leg length
- Mk 8 is used for underwater ordnance intervention.

GENERAL FEATURES OF THE LINEAR CUTTING SERIES

- Linear cutting charges are explosive systems with an internal V-shaped or open channel-like cavity.
- During detonation, a jet or cutting wave is formed as the energy concentrates along this cavity.
- Among the linear cutting series produced in different sizes and angular configurations, the most suitable one is selected by the user based on the neutralization task.
- Controlled neutralization is performed using the cutting series selected according to the structure of the target.
- They are used to ensure higher-performance progression of the explosion on different metal surfaces and to form a more effective jet.
- Application Areas
  - Armor penetration
  - Cutting steel, concrete, or pipes
  - Disposal of unexploded ordnance (UXO) or improvised explosive devices (IEDs)
  - Rapid cutting for barrier breachin