

# MK281 MOD 0 AND MOD 1 40 MM X 53 PRACTICE



The Rheinmetall MK281 Mod 0 and Mod 1 40 mm x 53 Practice cartridges are precision, high-velocity training and practice cartridges. The MK281 uses the proven, patented Rheinmetall propulsion unit that enables a very low standard deviation in muzzle velocity, which results in a high degree of accuracy. The MK281 round is compatible with all types of automatic grenade launchers, including the MK19, the MK47 and the HK GMG, and comes in two different types:

- 40 mm x 53 Cartridge MK281 Mod 0 Impact Marker
- 40 mm x 53 Cartridge MK281 Mod 1 Day/Night Marker

The chemiluminescent insert in the MK281 Mod 1 allows operators to train at night, and the marking is visible to both the naked eye and when using night vision equipment. This Mod 1 cartridge truly allows operators to “train like they fight”. As an additional option, a tracer is available for both variants with a burn time of six seconds. This enables the user to observe the ammunition’s trajectory as it approaches the target.

## Key Characteristics

- Visible dispersion pattern due to impact marking
- Flight path tracking possible thanks to optional tracer element
- Expressly designed for training purposes
- Completely inert projectile enhances safety through lack of unexploded rounds and reduced risk of range, berm and target fires

## Technical Data

Dimensions (mm)	Ø 40 x 112
Net explosive weight	max. 4 g
Cartridge weight	approx. 375 g
Projectile weight	approx. 254 g
Muzzle	approx. 240 m/sec
Maximum range	approx. 2,200 m
Impact signature color	Red
Powder dye weight (MK281 Mod 0/Mod 1)	approx. 6 g
Chemlight weight (MK281 Mod 1)	approx. 3 g
Warranty period (in original packaging)	3 years
Shelf life (in original packing)	5 years

## Status

- In serial production
- Type classified and in service with the US military

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