

The Mortar Company.



hirtenberger
Defence Systems

105 MM TANK AMMUNITION

For tanks equipped with
105 mm / Mle 57 low
pressure gun, e.g.
Kürassier (SK 105), AMX 13



HIGH EXPLOSIVE AND TRAINING AMMUNITION



105 MM
MLE 57
HE-TNT / RDX
(HE-COMP B)

Filler
HE-TNT / RDX
Terminal Effect
High number of fragments



105 MM
MLE 57
PRACTICE

Filler
Inert
Terminal Effect
Impact signature
(only with live fuze)



105 MM
MLE 57
PRACTICE
TARGET MARKING

Filler
Inert
Terminal effect
Impact signature and smoke
marking (only with live fuze)

SQUASHHEAD AND TRAINING



105 MM
MLE 57
HESH-T

Filler
COMP A3
Terminal Effect
On 100 mm steel plate: appr. 7 kg of
metal spalling up to an impact angle
of 30°



105 MM
MLE 57
HESH TP-T

Filler
Inert
Terminal effect
Impact signature
(only with live fuze)

SMOKE AMMUNITION

Hirtenberger Defence Systems can offer besides the standard White Phosphorus ammunition a smoke round filled with titanium tetrachloride as an alternative.



105 MM
MLE 57
SMK-WP

Filler
White phosphorus
Terminal Effect
Screening by fast
generation of smoke.



105 MM
MLE 57
SMK-TTC

Filler
Titanium tetrachloride
Terminal Effect
Extraordinary fast
generation of cold smoke.

KINETIC ENERGY AMMUNITION



105 MM
MLE 57
APFSDS-T

Effector
Tungsten penetrator
Terminal Effect
Up to 1000 m: penetration of 250 mm steel
RHA at impact angle of 30°



105 MM TANK AMMUNITION

For tanks equipped with 105 mm / Mle 57 low pressure gun, e.g. Kürassier (SK 105), AMX 13



	105 MM MLE 57 HE-TNT / RDX (HE-COMP B)	105 MM MLE 57 PRACTICE	105 MM MLE 57 PRACTICE TARGET MARKING	105 MM MLE 57 SMK-WP
Muzzle velocity	700 m/s	700 m/s	700 m/s	690 m/s
Max. gas pressure	240 MPa	240 MPa	240 MPa	240 MPa
Accuracy at 1000 m	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)
Weight	19 kg	19 kg	19 kg	19 kg
	105 MM MLE 57 SMK-TTC	105 MM MLE 57 HESH-T	105 MM MLE 57 HESH-TP-T	105 MM MLE 57 APFSDS-T
Muzzle velocity	690 m/s	730 m/s	730 m/s	1410 m/s
Max. gas pressure	240 MPa	240 MPa	240 MPa	310 MPa
Accuracy at 1000 m	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)	0.6 mils (Sx, Sy)
Weight	19 kg	17 kg	17 kg	12 kg