

Best in Quality & Flexibility

AMMUNITION & EXPLOSIVES



POONGSAN

Poongsan,

a world-class comprehensive
ammunition company recognized for
its quality and performance.

Poongsan is the sole domestic ammunition manufacturer that supplies a wide range of ammunition from small to large caliber, ranging from 5.56mm cartridges to 155mm projectiles for howitzers.

Since 1973 with the Korean Government's designation as general ammunition manufacturer, Poongsan has been fully devoted to achieving the self-reliant national defense by establishing state-of-the-art mass production facilities and supplying domestically manufactured ammunition to the Korean military.

Poongsan has an integrated production system encompassing everything from the raw material to Load, Assembly and Packing.

Poongsan has gained trusts from its customers for flawless quality of its products by conducting firing tests at its own ballistic testing facility and applying independent quality assurance system at each production line.

Poongsan not only manufactures ammunition for the military, but also for sporting used for hunting and self-protection, most of which are exported.

Poongsan's R&D Institute in Daejeon develops high-end ammunition and improves conventional ammunition by using its expertise and technologies on ammunition accumulated through 30 years of manufacturing.

* DOMESTIC PLANT & INSTITUTE



Angang plant

- **Location** Angang-eup, Gyeongju
- **Products** A complete line of ammunition for small arms, medium-to large-caliber arms and sporting arms



Busan plant

- **Location** Haeundae-gu, Busan
- **Products** Small arms and sporting ammunition



Ulsan plant

- **Location** Ulju-gun, Ulsan
- **Products** Copper and copper alloy sheets, strips, rods, raw materials for leadframes, tin-plated strips and coin blanks



R&D institute

- **Location** Yuseong-gu, Daejeon
- **Products** Development of high-end products, Precision guided munition, Eco-friendly ammunition, Multipurpose ammunition

CONTENTS

04 Prologue	40 Tank Gun Ammunition	51 Counter Missile Flare	62 Accelerometer and Sensor
06 Small Arms Ammunition	45 Howitzer Ammunition	52 Tandem Warhead	66 Component
23 Medium Caliber Ammunition	47 Naval Gun Ammunition	53 Sporting Ammunition	70 Wheel
34 Mortar Ammunition	50 Anti Submarine	55 Fuze	74 Propellants

KM193 BALL**5.56×45mm****• Technical Data**

Weight / Length	11.79 g / 57.40 mm
Primer	#41 (Percussion)
Maximum Range / Velocity	K2:3,300 m, K1A:2,450 m, M16A1:2,653 m / 965 mps
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305009263930(KA071), 1305009263970(KA066)

• Packing

KM193 (KA071)	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,680 Rounds	33 kg
KM193 (KA066)	20 Rounds / Carton Box, 41 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,640 Rounds	30 kg

• Compatible Weapon(s)

K2, K1A, M16A1 Rifle

**K102 BALL****5.56×45mm****• Technical Data**

Weight / Length	11.79 g / 57.40 mm
Primer	#41 (Percussion)
Maximum Range / Velocity	K2:3,300 m, M16A1:2,653 m / 965 mps
Propellant	Double Base Propellant
Core Component	Copper

• Stock Number(DODIC)

1305375352306(KA36), 1305375417775(KA36)

• Packing

K102 (KA36)	10 Rounds / Clip, 2 Clips / Carton Box, 42 Carton Boxes / Metal Box KM2A1	840 Rounds	13 kg
K102 (KA36)	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,680 Rounds	33 kg

• Compatible Weapon(s)

K2, M16A1 Rifle

**KM196 TRACER****5.56×45mm****• Technical Data**

Weight / Length	11.46 g / 57.40 mm
Primer	#41 (Percussion)
Velocity	949 mps
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305009263929(KA072), 1305009144719(KA068)

• Packing

KM196 (KA072)	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,680 Rounds	33 kg
KM196 (KA068)	20 Rounds / Carton Box, 41 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,640 Rounds	30 kg

• Compatible Weapon(s)

K2, K1A, M16A1 Rifle

**K100 BALL (Equivalent to M855 Type)****5.56×45mm****• Technical Data**

Weight / Length	12.31 g / 57.40 mm
Primer	#41 (Percussion)
Maximum Range / Velocity	K2:3,300 m, K3:3,600 m / 914 mps
Link	K2
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305372900059(KA09), 1305372900062(KA12), 1305372900061(KA11)

• Packing

K100 (KA09)	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,680 Rounds	34 kg
K100 (KA12)	200 Rounds / Link K2, 1 Link / Plastic Can K3 / Bandoleer, 2 Bandoleers / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	800 Rounds	22 kg
K100/ K101 (KA11)	200 Rounds / Link K2, 1 Link / Plastic Can K3 / Bandoleer, 2 Bandoleers / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	800 Rounds	22 kg

• Compatible Weapon(s)

K2 Rifle, K3 Machine Gun



K101 TRACER (Equivalent to M856 Type)**5.56×45mm****• Technical Data**

Weight / Length	12.40 g / 57.40 mm
Primer	#41 (Percussion)
Velocity	875 mps
Link	K2
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305375046831(KA24), 1305372900061(KA11)

• Packing

K101 (KA24)	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1680 Rounds	34 kg
K100/ K101 (KA11)	200 Rounds / Link K2, 1 Link / Plastic Can K3 / Bandoleer, 2 Bandoleers / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	800 Rounds	22 kg

• Compatible Weapon(s)

K2 Rifle, K3 Machine Gun

**KM197 HPT****5.56×45mm****• Technical Data**

Weight / Length	11.27 g / 57.40 mm
Primer	#41 (Percussion)
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000630319(KA070)

• Packing

KM197 (KA070)	20 Rounds / Carton Box, 41 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,640 Rounds	30 kg
------------------	---	-----------------	-------

**KM200 BLANK****5.56mm****• Technical Data**

Weight / Length	7.06 g / 48.26 mm
Primer	#41 (Percussion)
RPM	550~920 rounds / minute
Noise Level	100 dB or more
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305001823217(KA080)

• Packing

KM200 (KA080)	20 Rounds / Carton Box, 57 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	2,280 Rounds	27 kg
------------------	---	-----------------	-------

• Compatible Weapon(s)

K2, M16A1 Rifle

**Enhanced K100 M855A1****5.56×45mm****• Technical Data**

Weight / Length	12.18 g / 57.40 mm
Primer	#41 (Percussion)
Maximum Range / Velocity	K2:3,300 m, K3:3,600 m / 915 mps
Link	K2
Propellant	Double Base Propellant

• Packing

	10 Rounds / Clip, 14 Clips / Bandoleer, 6 Bandoleers + 6 Magazine Filler / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	1,680 Rounds	34 kg
--	--	-----------------	-------

• Compatible Weapon(s)

K2 Rifle, K3 Machine Gun



FRANGIBLE**5.56 × 45mm****• Technical Data**

Weight / Length	11.14 g / 56.49 mm
Primer	#41 (Percussion)
Velocity	869 mps
Propellant	Double Base Propellant

• Packing

20 Rounds / Carton Box (P.P Tray), 50 Carton Boxes / Corrugated Box	1,000 Rounds	14 kg
--	-----------------	-------

200 Rounds / Link K2, 1 Link / Plastic Can K3 / Bandoleer, 2 Bandoleers / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	800 Rounds	21 kg
--	---------------	-------

• Compatible Weapon(s)

K2, M16A1 Rifle, K3 Machine Gun

**KM80 BALL****7.62 × 51mm****• Technical Data**

Weight / Length	25.40 g / 71.10 mm
Primer	#34 (Percussion)
Maximum Range / Velocity	3,725 m / 817 mps
Link	KM13
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305002571090(KA143), 1305008922150(KA131), 1305009263942(KA165)

• Packing

KM80 (KA143)	100 Rounds / Link KM13, 2 Links / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	35 kg
-----------------	--	---------------	-------

KM80/ KM62 (KA131)	100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	35 kg
--------------------------	---	---------------	-------

KM80/ KM62 (KA165)	750 Rounds / Link KM13, 1 Link / Carton Box, 2 Carton Boxes / Metal Box KM548	1,500 Rounds	54 kg
--------------------------	---	-----------------	-------

• Compatible Weapon(s)

M60 Machine Gun

**KM62 TRACER****7.62 × 51mm****• Technical Data**

Weight / Length	24.80 g / 71.10 mm
Primer	#34 (Percussion)
Velocity	817 mps
Link	KM13
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305008922335(KA146), 1305008922150(KA131), 1305009263942(KA165)

• Packing

KM62 (KA146)	100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	35 kg
-----------------	---	---------------	-------

KM80/ KM62 (KA131)	100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	35 kg
--------------------------	---	---------------	-------

KM80/ KM62 (KA165)	750 Rounds / Link KM13, 1 Link / Carton Box, 2 Carton Boxes / Metal Box KM548	1,500 Rounds	54 kg
--------------------------	---	-----------------	-------

• Compatible Weapon(s)

M60 Machine Gun

**KM82 BLANK (Wad Type)****7.62mm****• Technical Data**

Weight / Length	15.19 g / 66.62 mm
Primer	#34 (Percussion)
RPM	450 rounds or more / minute
Link	KM13
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305007528087(KA111)

• Packing

KM82 (KA111)	100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	27 kg
-----------------	---	---------------	-------

• Compatible Weapon(s)

M60 Machine Gun



M82 BLANK (Rosette Type)**7.62mm****• Technical Data**

Weight / Length	15.19 g / 65.91 mm
Primer	#34 (Percussion)
RPM	450 rounds or more / minute
Link	KM13
Propellant	Double Base Propellant

• Packing

100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	27 kg
---	---------------	-------

• Compatible Weapon(s)

M60 Machine Gun

**KM60 HPT****7.62 × 51mm****• Technical Data**

Weight / Length	26.69 g / 71.10 mm
Primer	#34 (Percussion)
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305005800131(KA129)

• Packing

KM60 (KA129)	20 Rounds / Carton Box, 12 Carton Boxes / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	960 Rounds	39 kg
-----------------	--	---------------	-------

**FRANGIBLE****7.62 × 51mm****• Technical Data**

Weight / Length	22.94 g / 68.58 mm
Primer	#34 (Percussion)
Velocity	817 mps
Propellant	Double Base Propellant

• Packing

20 Rounds / Carton Box (P.P Tray), 25 Carton Boxes / Corrugated Box	500 Rounds	14 kg
100 Rounds / Link KM13, 2 Links / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	33 kg

• Compatible Weapon(s)

M14 Rifle, M60 Machine Gun

**M61 ARMOR PIERCING****7.62 × 51mm****• Technical Data**

Weight / Length	25.40 g / 71.10 mm
Primer	#34 (Percussion)
Maximum Range / Velocity	3,725 m / 830 mps
Link	KM13
Propellant	Double Base Propellant

• Packing

100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	36 kg
---	---------------	-------

• Compatible Weapon(s)

M60 Machine Gun



ENHANCED ARMOR PIERCING**7.62 x 51mm****• Technical Data**

Weight / Length	25.79 g / 71.12 mm
Primer	#34 (Percussion)
Maximum Range / Velocity	3,725 m / 816 mps
Link	KM13
Propellant	Double Base Propellant

*** Packing**

100 Rounds / Link KM13, 1 Link / Carton Box / Bandoleer, 2 Bandoleers / Metal Box KM19A1, 4 Metal Boxes / Wire Bound Box	800 Rounds	39 kg
---	---------------	-------

*** Compatible Weapon(s)**

M60 Machine Gun

**SNIPER(168Gr)****7.62 x 51mm****• Technical Data**

Weight / Length	25.79 g / 71.12 mm
Primer	#34 (Percussion)
Effective Range / Velocity	800 m / 798 mps
Propellant	Double Base Propellant

*** Packing**

20 Rounds / Carton Box (P.P Tray), 7 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	280 Rounds	19 kg
---	---------------	-------

*** Compatible Weapon(s)**

K14 Sniper Rifle, SSG69

**K118 SNIPER(175Gr)****7.62 x 51mm****• Technical Data**

Weight / Length	26.43 g / 71.12 mm
Primer	#34 (Percussion)
Effective Range / Velocity	800 m / 777 mps
Propellant	Double Base Propellant

*** Stock Number(DODIC)**

1305375353700(KA37)

*** Packing**

K118 (KA37)	20 Rounds / Carton Box (P.P Tray), 7 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	280 Rounds	19 kg
----------------	---	---------------	-------

*** Compatible Weapon(s)**

K14 Sniper Rifle, SSG69

**BALL****7.62 x 39mm****• Technical Data**

Weight / Length	18.14 g / 55.70 mm
Primer	#34 (Percussion)
Maximum Range / Velocity	2,500 m / 716.3 mps
Propellant	Double Base Propellant

*** Stock Number(DODIC)**

1305375350019(KA040)

*** Packing**

KA040	20 Rounds / Carton Box (P.P Tray), 24 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	960 Rounds	32 kg
-------	--	---------------	-------

*** Compatible Weapon(s)**

AK47, Ruger Mini 30, Type 56S, Assault Rifle M05 E1



KM33 BALL**12.7 × 99mm****• Technical Data**

Weight / Length	114.21 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000286574(KA555), 1305000286583(KA557)

• Packing

KM33 (KA555)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
KM33/ KM17 (KA557)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg

• Compatible Weapon(s)

K6, M2HB Machine Gun

**KM2 ARMOR PIERCING****12.7 × 99mm****• Technical Data**

Weight / Length	117.41 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 856 mps
Link	KM9
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000286562(KA530)

• Packing

KM2/ KM17 (KA530)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
-------------------------	---	---------------	-------

• Compatible Weapon(s)

K6, M2HB Machine Gun

**KM17 TRACER****12.7 × 99mm****• Technical Data**

Weight / Length	111.32 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000286609(KA572), 1305000286583(KA557)

• Packing

KM17 (KA572)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
KM33/ KM17 (KA557)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg

• Compatible Weapon(s)

K6, M2HB Machine Gun

**KM8 ARMOR PIERCING INCENDIARY****12.7 × 99mm****• Technical Data**

Weight / Length	114.34 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000286593(KA534), 1305000286603(KA576)

• Packing

KM8 (KA534)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
KM8/ KM20 (KA576)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg

• Compatible Weapon(s)

K6, M2HB Machine Gun



KM20 ARMOR PIERCING INCENDIARY TRACER**12.7 × 99mm****• Technical Data**

Weight / Length	111.32 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305000286601(KA543), 1305000286603(KA576)

• Packing

KM20 (KA543)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
KM8/ KM20 (KA576)	100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg

• Compatible Weapon(s)

K6, M2HB Machine Gun

**SNIPER(SOLID 740Gr)****12.7 × 99mm****• Technical Data**

Weight / Length	118.52 g / 138.43 mm
Primer	#35 (Percussion)
Effective Range / Velocity	1,800 m / 863 mps
Propellant	Double Base Propellant

• Packing

120 Rounds / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	240 Rounds	38 kg
---	---------------	-------

• Compatible Weapon(s)

M82A1

**KM1 HPT****12.7 × 99mm****• Technical Data**

Weight / Length	136.46 g / 138.43 mm
Primer	#35 (Percussion)
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305001263852(KA575)

• Packing

KM1 (KA575)	120 Rounds / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	240 Rounds	42 kg
----------------	---	---------------	-------

**FRANGIBLE****12.7 × 99mm****• Technical Data**

Weight / Length	113.66 g / 133.65 mm
Primer	#35 (Percussion)
Velocity	771 mps
Propellant	Double Base Propellant

• Packing

10 Rounds / Carton Box, 20 Carton Boxes / Corrugated Box	200 Rounds	25 kg
---	---------------	-------

• Compatible Weapon(s)

M82A1



M33-2T 2-PIECE TRACER**12.7 × 99mm****• Technical Data**

Weight / Length	114.21 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	6,800 m / 887 mps
Link	KM9
Propellant	Double Base Propellant
Feature	Separation by two bullet

• Packing

100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
---	---------------	-------

• Compatible Weapon(s)

K6, M2HB Machine Gun

**REDUCED RANGE TRACER****12.7 × 99mm****• Technical Data**

Weight / Length	109.83 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	3,700 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Packing

100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
---	---------------	-------

• Compatible Weapon(s)

K6, M2HB Machine Gun

**REDUCED RANGE BALL****12.7 × 99mm****• Technical Data**

Weight / Length	109.83 g / 138.43 mm
Primer	#35 (Percussion)
Maximum Range / Velocity	3,700 m / 887 mps
Link	KM9
Propellant	Double Base Propellant

• Packing

100 Rounds / Link KM9, 1 Link / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	200 Rounds	36 kg
---	---------------	-------

• Compatible Weapon(s)

K6, M2HB Machine Gun

**K103 BALL****9 × 19mm****• Technical Data**

Weight / Length	11.75 g / 29.69 mm
Primer	Primer for 9 mm (Percussion)
Maximum Range / Velocity	1,707 m / 343 mps
Propellant	Double Base Propellant

• Stock Number(DODIC)

1305008555991(KA360)

• Packing

K103 (KA360)	72 Rounds / Carton Box, 20 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	2,880 Rounds	45 kg
-----------------	---	-----------------	-------

• Compatible Weapon(s)

Pistol (S&W, COLT), SMG



KM41 BALL**Cal..38****•• Technical Data**

Weight / Length	13.70 g / 39.37 mm
Primer	Primer for .38 cal. (Percussion)
Maximum Range / Velocity	1,676 m / 290 mps
Propellant	Double Base Propellant

• Stock Number(DODIC)
1305003226391(KA400)

• Packing

KM41 (KA400)	50 Rounds / Carton Box, 24 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	2,400 Rounds	41 kg
-----------------	---	-----------------	-------

• Compatible Weapon(s)
Revolver (S&W, COLT)

**KM191 BALL****Cal..45****•• Technical Data**

Weight / Length	21.13 g / 32.38 mm
Primer	Primer for .45 cal. (Percussion)
Maximum Range / Velocity	1,554 m / 260 mps
Propellant	Double Base Propellant

• Stock Number(DODIC)
1305003011685(KA475)

• Packing

KM191 (KA475)	50 Rounds / Carton Box, 20 Carton Boxes / Metal Box KM2A1, 2 Metal Boxes / Wire Bound Box	2,000 Rounds	53 kg
------------------	---	-----------------	-------

• Compatible Weapon(s)
Pistol (COLT), SMG

**KM55A2 TP****20 × 102mm****•• Technical Data**

Weight / Length	255 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	Dummy Fuze
Effective Range / Velocity	1,200 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	WC870

• Stock Number(DODIC)

1305001809268(KA926), 1305375021320(KA926), 1305007561675(KA889)

• Packing

KM55A2 (KA889, KA926)	100 Rounds / Metal Box (KM14A1 Link) (42 kg) 100 Rounds / Metal Box (KM12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
-----------------------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun

**KM220 TP-T****20 × 102mm****•• Technical Data**

Weight / Length	255 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	Dummy Fuze
Effective Range / Velocity	1,200 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	WC870

• Stock Number(DODIC)

1305001574886(KA652), 1305375021290(KA652),
1305002900027(KA651), 1305007852829(KA651)

• Packing

KM220 (KA651, KA652)	100 Rounds / Metal Box (KM14A1 Link) (42 kg) 100 Rounds / Metal Box (KM12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
----------------------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun



K159 STP

20×102mm

• Technical Data

Weight / Length	254 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	Dummy Fuze
Effective Range / Velocity	1,200 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	WC870

• Stock Number(DODIC)

1305372900048(KA07), 1305372900049(KA07)

• Packing

K159 (KA07)	100 Rounds / Metal Box (KM14A1 Link) (42 kg) 100 Rounds / Metal Box (KM12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
----------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun



KM56A3 HEI

20×102mm

• Technical Data

Weight / Length	257 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	PD KM505A3
Effective Range / Velocity	1,200 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	WC870

• Stock Number(DODIC)

1305009650560(KA919), 1305372900028(KA953)

• Packing

KM56A3 (KA919, KA953)	100 Rounds / Metal Box (KM14A1 Link) (42 kg) 100 Rounds / Metal Box (KM12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
-----------------------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun



KM246 HEIT-SD

20×102mm

• Technical Data

Weight / Length	264 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	PD KM505A3
Effective Range / Velocity	1,200 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	WC870

• Stock Number(DODIC)

1305001523659(KA792), 1305375021289(KA792)

• Packing

KM246 (KA792)	100 Rounds / Metal Box (KM14A1 Link) (42 kg) 100 Rounds / Metal Box (KM12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
------------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun



K163 MPT-SD

20×102mm

• Technical Data

Weight / Length	262 g / 168.02 mm
Primer	KM52A3B1 (Electric)
Fuze	Pyrotechnic Fuze
Effective Range / Velocity	1,800 m / 1,030 mps
Case / Link	KM103 (Brass) / KM14A2, KM12
Propellant	PMC9221

• Stock Number(DODIC)

1305375054432(KA27)

• Packing

K163 (KA27)	100 Rounds / Metal Box (14 Link) (42 kg) 100 Rounds / Metal Box (12 Link) (43 kg) 200 Rounds / Metal Box (Single Round) (65 kg)
----------------	---

• Compatible Weapon(s)

M39, M61, M167, M197 Gun



K154 HEIT-SD

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	SD K503
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305372900009(KB22), 1305372900010(KB24), 1305372900014(KB26)

• Packing

K154 (KB22,	20 Rounds (Link) / Metal Box (28 kg)
KB24, KB26)	30 Rounds (Single Round) / Metal Box (32.5 kg)

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K160 HEIT

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	PD K515
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305372900076(KB10), 1305372900077(KB11), 305372900078(KB12)

• Packing

K160 (KB10, KB11, KB12)	20 Rounds (Link) / Metal Box (28 kg) 30 Rounds (Single Round) / Metal Box (32.5 kg)
----------------------------------	--

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K155 HEI-SD

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	SD K503
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305372900005(KB21), 1305372900006(KB30), 1305372900013(KB32)

• Packing

K155 (KB21, KB30, KB32)	20 Rounds (Link) / Metal Box (28 kg) 30 Rounds (Single Round) / Metal Box (32.5 kg)
----------------------------------	--

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K161 HEI

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	PD K515
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305372900073(KB07), 1305372900074(KB08), 1305372900075(KB09)

• Packing

K161 (KB07, KB08, KB09)	20 Rounds (Link) / Metal Box (28 kg) 30 Rounds (Single Round) / Metal Box (32.5 kg)
----------------------------------	--

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K156 TP-T

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	Dummy Fuze
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305372900011(KB31), 1305372900012(KB23), 1305372900016(KB28)

• Packing

K156 (KB31, KB23, KB28)	20 Rounds (Link) / Metal Box (28 kg) 30 Rounds (Single Round) / Metal Box (32.5 kg)
----------------------------------	--

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K164 MPDS

30×173mm

• Technical Data

Weight / Length	625 g / 290 mm
Primer	KM36A2 (Percussion)
Effective Range / Velocity	12 km / 1,150 mps
Case	K12 (Aluminum)
Propellant	K681 (Single Base)

• Stock Number(DODIC)

1305375074443(KB43)

• Packing

K164 (KB43)	1 Round / Protective Tube 36 Rounds / Metal Box (35 kg)
----------------	--

• Compatible Weapon(s)

GAU-8/A (Gatling Linkless)



K162 TP

30×170mm

• Technical Data

Weight / Length	870 g / 285.25 mm
Primer	K602 (Percussion)
Fuze	Dummy Fuze
Effective Range / Velocity	10.2 km / 1,080 mps
Case / Link	K1 (Steel) / K1
Propellant	K670 (Single Base)

• Stock Number(DODIC)

1305375137962(KB113)

• Packing

K162 (KB113)	20 Rounds (Link) / Metal Box (28 kg) 30 Rounds (Single Round) / Metal Box (32.5 kg)
-----------------	--

• Compatible Weapon(s)

KKCB Gun (30mm Oerlikon KCB Gun)



K165 FMPDS

30×173mm

• Technical Data

Weight / Length	625 g / 290 mm
Primer	KM36A2 (Percussion)
Effective Range / Velocity	12 km / 1,150 mps
Case	K12 (Aluminum)
Propellant	K681 (Single Base)

• Stock Number(DODIC)

1305375074461(KB44)

• Packing

K165 (KB44)	1 Round / Protective Tube 36 Rounds / Metal Box (35 kg)
----------------	--

• Compatible Weapon(s)

GAU-8/A (Gatling Linkless)



K202KA1 HEI-SD

35 × 228mm

• Technical Data

Weight / Length	1,570 g / 387 mm
Primer	K603 (Percussion)
Fuze	SD K504KA1 (K202KA1)
Maximum Range / Velocity	11 km / 1,170 mps
Case	K2 (Steel)
Propellant	K671 (Single Base)

• Stock Number(DODIC)

1310372905003(KB150), 1310372905013(KB150), 1310372905014(KB150)

• Packing

K202KA1 (KB150)	1 Round / Fiber Container,
	21 Fiber Containers / Wooden Box (52 kg)
K202KA1 (KB150)	1 Round / Fiber Container,
	25 Fiber Containers / Wooden Box (58.8 kg)

• Compatible Weapon(s)

KDB353MK (Linkless)



K216 HEIT

40mm L / 70

• Technical Data

Weight / Length	2.5 kg / 534.4 mm
Primer	KM / 39SX (Percussion)
Fuze	KLJ472
Maximum Range / Velocity	12 km / 1,005 mps
Case	K7 (Brass, 365 mm)
Propellant	KNC1066

• Stock Number(DODIC)

1310372905032(KB17), 1310375219786(KB17)

• Packing

K216 (KB17)	4 Rounds / Clip,
	3 Clips / Metal Box (50.1 kg)
K216 (KB17)	1 Round / Fiber Container,
	10 Fiber Containers / Wooden Box (54.4 kg)

• Compatible Weapon(s)

40mm L/70 Gun
40mm K40 Gun



K203 TP-T

35 × 228mm

• Technical Data

Weight / Length	1,570 g / 387 mm
Primer	K603 (Percussion)
Fuze	Dummy Fuze
Maximum Range / Velocity	11 km / 1,170 mps
Case	K2 (Steel)
Propellant	K671 (Single Base)

• Stock Number(DODIC)

1310372905004(KB151), 1310372905015(KB151)

• Packing

K203 (KB151)	1 Round / Fiber Container,
	21 Fiber Containers / Wooden Box (52 kg)
K203 (KB151)	1 Round / Fiber Container,
	25 Fiber Containers / Wooden Box (58.8 kg)

• Compatible Weapon(s)

KDB353MK (Linkless)



K217 TP-T

40mm L / 70

• Technical Data

Weight / Length	2.5 kg / 534.4 mm
Primer	KM / 39SX (Percussion)
Fuze	Dummy Fuze
Maximum Range / Velocity	12 km / 1,005 mps
Case	K7 (Brass, 365 mm)
Propellant	KNC1066

• Stock Number(DODIC)

1310372905033(KB18)

• Packing

K217 (KB18)	4 Rounds / Clip,
	3 Clips / Metal Box (50.1 kg)

• Compatible Weapon(s)

40mm L/70 Gun



K219 AP-T

40mm L / 70

• Technical Data

Weight / Length	2.5 kg / 502.5 mm
Primer	KM / 39SX (Percussion)
Fuze	Dummy Fuze
Maximum Range / Velocity	12 km / 1,010 mps
Case	K7 (Brass, 365 mm)
Propellant	KNC873

• Stock Number(DODIC)

1310372905034(KB19)

• Packing

K219 (KB19)	4 Rounds / Clip, 3 Clips / Metal Box (50.1 kg)
----------------	---

• Compatible Weapon(s)

40mm L/70 Gun



K237 APFSDS-T

40 × 365mm

• Technical Data

Weight / Length	2.2 kg / 525.45 mm
Primer	Percussion Primer
Maximum Range / Velocity	12 km / 1,380 mps
Case	Brass Case
Propellant	K679

• Stock Number(DODIC)

1310375136322(KB59)

• Packing

K237 (KB59)	1 Round / Fiber Container, 10 Fiber Containers / Wooden Box (51.4 kg)
----------------	--

• Compatible Weapon(s)

40mm K40 Gun



K236 MMFA

40 × 365mm

• Technical Data

Weight / Length	2.5 kg / 534.4 mm
Primer	Percussion Primer
Fuze	K591
Maximum Range / Velocity	12 km / 1,025 mps
Case	Brass Case
Propellant	KNC1066

• Stock Number(DODIC)

1310375136324(KB58)

• Packing

K236 (KB58)	1 Round / Fiber Container, 10 Fiber Containers / Wooden Box (54.8 kg)
----------------	--

• Compatible Weapon(s)

40mm K40 Gun



K239 TP

40 × 365mm

• Technical Data

Weight / Length	2.5 kg / 534.4 mm
Primer	KM / 39SX (Percussion)
Fuze	Dummy Fuze
Maximum Range / Velocity	12 km / 1,005 ± 15 mps
Case	K7 (Brass, 365 mm)
Propellant	KNC1066

• Stock Number(DODIC)

1310375157080(KB60)

• Packing

K239 (KB60)	1 Round / Fiber Container, 10 Fiber Containers / Wooden Box (54.8kg)
----------------	---

• Compatible Weapon(s)

40mm K40 Gun



KM49A4 HE

60mm

• Technical Data

Weight / Length	1.47 kg / 294.8 mm
Filler	COMP-B
Primer	KM32 (Percussion)
Fuze	PD KM525
Maximum Range / Velocity	1.8 km / 157 mps
Propelling Charge	KM181

- Stock Number(DODIC)
1310009359130(KB632)

• Packing

KM49A4 (KB632)	1 Round / Fiber Container, 12 Fiber Containers / Wooden Box (28.9 kg)
----------------	--

- Compatible Weapon(s)
KM19 MORTAR



K207 HE

60mm

• Technical Data

Weight / Length	1.77 kg / 373.6 mm
Filler	COMP-B
Primer	K1 (Electric)
Fuze	PD K510, PD K510KA1, MP K584
Maximum Range / Velocity	3.59 km / 241 mps
Propelling Charge	K672, K672A1

• Stock Number(DODIC)

1310372905016(KB01, K510, K672),
1310375072240(KB01, K510, K672A1),
1310372905011(KB02, K584, K672),
1310375072231(KB02, K584, K672A1),
1310375089680(KB45, K510KA1, K672),
1310375089681(KB45, K510KA1, K672A1)

• Packing

K207 (KB01, KB02, KB45)	1 Round / Fiber Container, 9 Fiber Containers / Wooden Box (27.1 kg)
-------------------------	---

- Compatible Weapon(s)
KM19, KM181 MORTAR



KM50A3 TP

60mm

• Technical Data

Weight / Length	1.43 kg / 294.8 mm
Filler	Inert
Primer	KM32 (Percussion)
Fuze	PD KM525
Maximum Range / Velocity	1.8 km / 157 mps
Propelling Charge	KM181

- Stock Number(DODIC)
1310009359139(KB634)

• Packing

KM50A3 (KB634)	1 Round / Fiber Container, 12 Fiber Containers / Wooden Box (26.9 kg)
----------------	--

- Compatible Weapon(s)
KM19 MORTAR



KM374 HE

81mm

• Technical Data

Weight / Length	4.24 kg / 529.3 mm
Filler	COMP-B
Primer	KM71A2 (Percussion)
Fuze	PD KM526
Maximum Range / Velocity	4.9 km / 261 mps
Propelling Charge	KM90

• Stock Number(DODIC)

1315009356012(KC256)

• Packing

KM374 (KC256)	1 Round / Fiber Container, 3 Fiber Containers / Wooden Box (24.5 kg)
---------------	---

• Compatible Weapon(s)

M1, KM29, KM29A1, KM187 MORTAR



K240 TP

81mm

• Technical Data

Weight / Length	4.17 kg / 529.3 mm
Filler	Inert
Primer	KM71A2 (Percussion)
Fuze	PD KM526
Maximum Range / Velocity	4.9 km / 261 mps
Propelling Charge	KM90

• Stock Number(DODIC)
1315372910003(KC227)

• Packing

K240 (KC227)	1 Round / Fiber Container, 3 Fiber Containers / Wooden Box (24.5 kg)
-----------------	---

• Compatible Weapon(s)

M1, KM29, KM29A1, KM187 MORTAR



K249 TP

81mm

• Technical Data

Weight / Length	4.25 kg / 532.5 mm
Filler	Inert
Primer	K2 (Electric)
Fuze	PD K516
Maximum Range / Velocity	6.325 km / 320 mps
Propelling Charge	K675

• Stock Number(DODIC)
1315375043910(KC28)

• Packing

K249 (KC28)	1 Round / Fiber Container, 3 Fiber Containers / Wooden Box (25 kg)
----------------	---

• Compatible Weapon(s)

KM29, KM29A1, KM187 MORTAR



K247 HE

81mm

• Technical Data

Weight / Length	4.25 kg / 532.5 mm
Filler	COMP-B
Primer	K2 (Electric)
Fuze	PD K516, MP K589
Maximum Range / Velocity	6.325 km / 320 mps
Propelling Charge	K675

• Stock Number(DODIC)

1315375043908(KC26, K516), 1315375063426(KC34, K589)

• Packing

K247 (KC26, KC34)	1 Round / Fiber Container, 3 Fiber Containers / Wooden Box (25 kg)
----------------------	---

• Compatible Weapon(s)

KM29, KM29A1, KM187 MORTAR



K295 HE

120mm

• Technical Data

Weight / Length	19 kg / 912 mm
Filler	COMP-B
Primer	KM61 (Percussion)
Fuze	PD KM739A1
Maximum Range / Velocity	8.1 km / 368.5 mps
Propelling Charge	0.5 Propelling Charge : 2 ea, 1 Propelling Charge : 7 ea

• Packing

K295 (KC295)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (57 kg)
-----------------	---

• Compatible Weapon(s)

KSM120 (120mm Rifled Mortar)



K296 TP

120mm

• Technical Data

Weight / Length	19 kg / 912 mm
Filler	Inert
Primer	KM61 (Percussion)
Fuze	PD KM739A1
Maximum Range / Velocity	8.1 km / 368.5 mps
Propelling Charge	0.5 Propelling Charge : 2 ea, 1 Propelling Charge : 7 ea

• Packing

K296 (KC296)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (57 kg)
--------------	---

• Compatible Weapon(s)

KSM120 (120mm Rifled Mortar)



K298 ILL

120mm

• Technical Data

Weight / Length	19 kg / 912 mm
Filler	Illuminante Charge
Primer	KM61 (Percussion)
Fuze	MTSQ KM577A1
Maximum Range / Velocity	8.1 km / 368.5 mps
Illuminating Intensity	60 seconds / 1,000,000 candela
Propelling Charge	0.5 Propelling Charge : 2 ea, 1 Propelling Charge : 7 ea

• Packing

K298 (KC298)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (57 kg)
--------------	---

• Compatible Weapon(s)

KSM120 (120mm Rifled Mortar)



K297 RAP

120mm

• Technical Data

Weight / Length	19 kg / 912 mm
Filler	COMP-B
Primer	KM61 (Percussion)
Fuze	PD KM739A1
Maximum Range / Velocity	13.0 km / 368.5 mps
Propelling Charge	0.5 Propelling Charge : 2 ea, 1 Propelling Charge : 7 ea

• Packing

K297 (KC297)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (57 kg)
--------------	---

• Compatible Weapon(s)

KSM120 (120mm Rifled Mortar)



K299 WP

120mm

• Technical Data

Weight / Length	19 kg / 912 mm
Filler	White Phosphorus
Primer	KM61 (Percussion)
Fuze	PD KM739A1
Maximum Range / Velocity	8.1 km / 368.5 mps
Propelling Charge	0.5 Propelling Charge : 2 ea, 1 Propelling Charge : 7 ea

• Packing

K299 (KC299)	1 Projectile / Fiber Container, 2 Fiber Containers / Wooden Box (47 kg) 1 Propelling Part / Fiber Container, 2 Fiber Containers / Wooden Box (14 kg)
--------------	---

• Compatible Weapon(s)

KSM120 (120mm Rifled Mortar)



KM456A1 HEAT-T

105mm

• Technical Data

Weight / Length	21.8 kg / 990.08 mm
Filler	COMP-B
Primer	KM83 (Electric)
Fuze	KM509A2
Velocity	1,173 mps
Case	KM148E4 (Brass, 608.96 mm)
Propellant	KM30

• Stock Number(DODIC)
1315372910040(KC18)

• Packing

KM456A1 (KC18)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (71 kg)
-------------------	---

• Compatible Weapon(s)
K1 (M68)



K270 APFSDS-T

105mm

• Technical Data

Weight / Length	16.86 kg (Steel Case), 17.53 kg (Brass Case) / 905 mm
Primer	KM120 (Electric)
Velocity	1,508 mps
Case	KM148A1B1 (Steel Case, 608.96 mm) KM148E4 (Brass, 608.96 mm)
Propellant	KM30

• Stock Number(DODIC)

1315372910011(KC521, Steel Case),
1315375034160(KC520, Brass Case)

• Packing

K270 (KC520, KC521)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (64.5 kg)
---------------------------	---

• Compatible Weapon(s)
K1 (M68)



KM490 TP-T

105mm

• Technical Data

Weight / Length	20.41 kg / 999.28 mm
Primer	KM83 (Electric)
Velocity	1,173 mps
Case	KM148E4 (Brass, 608.96 mm)
Propellant	KM30

• Stock Number(DODIC)
1315000580578(KC511)

• Packing

KM490 (KC511)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (67.9 kg)
------------------	---

• Compatible Weapon(s)
K1 (M68)



K274 APFSDS-T

105mm

• Technical Data

Weight / Length	18.7 kg / 1,001.7 mm
Primer	KM120A1 (Electric)
Velocity	1,495 mps
Case	KM148E4 (Brass, 608.96 mm)
Propellant	KM30

• Stock Number(DODIC)

1315375046724(KC31)

• Packing

K274 (KC31)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (66.5 kg)
----------------	---

• Compatible Weapon(s)
K1 (M68)



K276 APFSDS-T

120mm

• Technical Data

Weight / Length	19.7 kg / 973 mm
Primer	K611 (Electric)
Velocity	1,700 mps
Case	Combustible Cartridge Case (C.C.C, 475 mm)
Propellant	K683

• Stock Number(DODIC)

1315375074991(KC35)

• Packing

K276 (KC35)	1 Round / Metal Box (30.8 kg), 12 Metal Boxes / Pallet (415 kg)
----------------	--

• Compatible Weapon(s)

K1A1 (CN03, M256), K2 (CN08)



K277 HEAT-T

120mm

• Technical Data

Weight / Length	24.5 kg / 989 mm
Filler	COMP-B
Primer	K611 (Electric)
Fuze	PIBD KM509A2
Velocity	1,130 mps
Case	Combustible Cartridge Case (C.C.C, 473 mm)
Propellant	K682

• Stock Number(DODIC)

1315375075007(KC37)

• Packing

K277 (KC37)	1 Round / Metal box (35.7 kg), 12 Metal Boxes / Pallet (473 kg)
----------------	--

• Compatible Weapon(s)

K1A1 (CN03, M256), K2 (CN08)



K279 APFSDS-T

120mm

• Technical Data

Weight / Length	21.3 kg / 998 mm
Primer	Electric
Velocity	1,760 mps
Case	Combustible Cartridge Case (C.C.C, 471.3 mm)
Propellant	SCDB

• Stock Number(DODIC)

1315375167400(KC43)

• Packing

K279 (KC43)	1 Round / Metal Box (32.4 kg), 20 Metal Boxes / Pallet (693 kg)
----------------	--

• Compatible Weapon(s)

K2 (CN08)



K282 TP-T

120mm

• Technical Data

Weight / Length	24.5 kg / 989 mm
Primer	K611 (Electric)
Velocity	1,130 mps
Case	Combustible Cartridge Case (C.C.C, 473 mm)
Propellant	K682

• Stock Number(DODIC)

1315375078910(KC39)

• Packing

K282 (KC39)	1 Round / Metal box (35.7 kg), 12 Metal Boxes / Pallet (473 kg)
----------------	--

• Compatible Weapon(s)

K1A1 (CN03, M256), K2 (CN08)



K287 TP-T

120mm

•• Technical Data

Weight / Length	22.9 kg / 980 mm
Filler	Molding Assembly (Fe Powder Sintered)
Primer	K604 (Electric)
Velocity	1,130 mps
Case	Combustible Cartridge Case (C.C.C., 473 mm)
Propellant	KM30

• Stock Number(DODIC)

1315375292207(KC391)

• Packing

K287 (KC391)	1 Round / Metal Box (34.7 kg), 20 Metal Boxes / Pallet (737 kg)
--------------	--

• Compatible Weapon(s)

K1A1 (CN03, M256), K2 (CN08)



KM1 HE

105mm

•• Technical Data

Weight / Length	19.5 kg / 789 mm
Filler	COMP-B / TNT
Primer	KM28A2 (Percussion)
Fuze	PD KM557, MTSQ KM564
Maximum Range / Velocity	11.27 km / 494 mps
Case	KM14 (Brass, 371.8 mm)
Propelling Charge	KM67

• Stock Number(DODIC)

1315000284859(KC445, W/O.F), 1315009264068(KC443, KM564),
1315009650776(KC444, KM557)

• Packing

KM1 (KC443, KC444, KC445)	1 Round / Fiber Container, 2 Fiber Containers / Wooden Box (54.1 kg)
---------------------------	---

• Compatible Weapon(s)

M52/A1 (M49), M101/A1 (M2A1, M2A2), M108 (M103),
M102 (M137), KH178 (CN78)



KM395 BLANK

105mm

•• Technical Data

Weight / Length	2.83 kg / 153 mm
Filler	Black Powder
Primer	KM1A2 (Percussion)
Case	KM15 (Brass)
Sound Pressure	117 db

• Stock Number(DODIC)

1315000285033(KC440)

• Packing

KM395 (KC440)	1 Round / Fiber Container, 10 Fiber Containers / Wooden Box (39.8 kg)
---------------	--

• Compatible Weapon(s)

M52/A1 (M49), M101/A1 (M2A1, M2A2), M108 (M103),
M102 (M137), KH178 (CN78)



KM107 HE

155mm

• Technical Data

Weight / Length	41.86 kg / 684 mm
Filler	TNT
Primer	KM82, KMK2A4 (Percussion)
Fuze	MTSQ KM564, PD KM557
Maximum Range / Velocity	18.1 km / 684 mps (KM119A1), 18.8 km / 706 mps (K677(4))
Propelling Charge	KM3A1, KM4A2, KM119A1, K677(4)

• Stock Number(DODIC)
1320005297331(KD544)

• Packing

KM107 (KD544)	8 Rounds / Pallet (361.5 kg)
------------------	------------------------------

• Compatible Weapon(s)

Towed Howitzer : M114A2 (M1A2), KH179 (CN79)
Self-propelled Howitzer : K55 (M185), K55A1 (M185A1), K9 (CN98)



K243 HE

76mm / 62Cal

• Technical Data

Weight / Length	12.4 kg / 909 mm
Filler	COMP-A3
Primer	K609 (Percussion)
Fuze	PD K508
Maximum Range / Velocity	16.3 km / 910 mps
Case	K6 (Brass, 635.5 mm)
Propellant	KM6+2

• Stock Number(DODIC)
1315372910031(KC113)

• Packing

K243 (KC113)	3 Rounds / Metal Box (57.1 kg)
-----------------	--------------------------------

• Compatible Weapon(s)
76mm/62Cal NAVAL GUN



K307 BB HE

155mm

• Technical Data

Weight / Length	46.4 kg / 835 mm
Filler	TNT
Primer	KM82 (Percussion)
Fuze	PD K519
Maximum Range / Velocity	33.4 km / 830 mps (KM203), 41.0 km / 928 mps (K676)
Propelling Charge	KM4A2, KM119A1, KM203, K677(5), K676

• Stock Number(DODIC)
1320375069811(KD07)

• Packing

K307 (KD07)	8 Rounds / Pallet (393.5 kg)
----------------	------------------------------

• Compatible Weapon(s)

Towed Howitzer : KH179 (CN79)
Self-propelled Howitzer : K55 (M185), K55A1 (M185A1), K9 (CN98)



K245 TP

76mm / 62Cal

• Technical Data

Weight / Length	12.4 kg / 909 mm
Filler	Inert
Primer	K609 (Percussion)
Fuze	Dummy Fuze
Maximum Range / Velocity	16.3 km / 910 mps
Case	K6 (Brass, 635.5 mm)
Propellant	KM6+2

• Stock Number(DODIC)
1315372910033(KC114)

• Packing

K245 (KC114)	3 Rounds / Metal Box (57.1 kg)
-----------------	--------------------------------

• Compatible Weapon(s)
76mm/62Cal NAVAL GUN



K300 HE

127mm

• Technical Data

Weight / Length	31.75 kg / 665 mm
Filler	COMP-A3
Fuze	K302 (Percussion)
Maximum Range / Velocity	23 km / 827 mps
Propelling Charge	Propelling Charge K304

• Stock Number(DODIC)

1320375156866(KD20, 48 Rounds, Combat),
1320375156867(KD20, 24 Rounds, Training)

• Packing

K300 (KD20)	48 Rounds / Steel Pallet (Combat) 24 Rounds / Steel Pallet (Training)
----------------	--

• Compatible Weapon(s)

127mm/62Cal NAVAL GUN



K304 Propelling Charge

127mm

• Technical Data

Weight / Length	16.3 kg / 886 mm
Diameter	158 mm
Filler	K14 Propellant
Primer	K10 (Electric)
Case	Brass Case

• Stock Number(DODIC)

1315375156878(KD41)

• Packing

K304 (KD41)	1 Round / Metal Box, 36 Metal Boxes / Steel Pallet
----------------	---

• Compatible Weapon(s)

127mm/62Cal NAVAL GUN



K311 TP

127mm

• Technical Data

Weight / Length	31.75 kg / 665 mm
Filler	Inert
Fuze	Dummy Fuze
Maximum Range / Velocity	23 km / 827 mps
Propelling Charge	Propelling Charge K304

• Stock Number(DODIC)

1320375185490(KD23)

• Packing

K311 (KD23)	24 Rounds / Steel Pallet
----------------	--------------------------

• Compatible Weapon(s)

127mm/62Cal NAVAL GUN



KH740 Light Depth Charge

Depth charge

•• Technical Data

Weight / Length	27.6 kg / 600 mm
Diameter	183 mm
Filler	HBX-1
Body	Carbon Steel

• Stock Number(DODIC)
1361375137504(KS03)

• Packing

KH740	1 Round / Wooden Box,
(KS03)	24 Wooden Boxes / Pallet

• Compatible Weapon(s)

Light Depth Charge Thrower



KMJU-7/B Infrared Flare(I.R.F)

•• Technical Data

Weight / Length	403 g / 205 mm
Filler	Combustion Agent (Mg)
Primer	KBBU-36/B (Electric)
Energy	15 ~ 20 Kcal
Velocity	30 mps
Propelling Charge	Smokeless Powder #2400

• Stock Number(DODIC)
1370010385111(KL429)

• Packing

KMJU-7/B	15 Rounds / Corrugated Box,
(KL429)	4 Corrugated Boxes / Wooden Box (37.6 kg)

• Compatible Weapon(s)
AN/ALE-40



Heavy Depth Charge

Depth charge

•• Technical Data

Weight / Length	150 kg / 703 mm
Filler	TNT
Inert Filler	Steel Ball, Asphalt
Depth Charge Extender	KMK6 MOD2
Pistol	KMK6 MOD2
Percussion Detonator	KMK53 MOD0
Sinking Speed	17.5 ± 1.5 ft/s (Without Spoiler Plate) 7.0 ± 1.5 ft/s (With Spoiler Plate)

• Packing

6 Rounds / Pallet (900 kg)

• Compatible Weapon(s)

Naval Ship (FF, PCC and etc.)



ATM-112K Percursor Warhead

• Technical Data

Weight / Length	0.5 kg / 110 mm
Diameter	64 mm
Filler	DXC-57

• Packing

ATM-112K	1 Round / Fiber Container, 24 Fiber Containers / Wooden Box
----------	--

• Compatible Weapon(s)
Raybolt Warhead



PISTOL & REVOLVER AMMUNITION FOR SPORTING



ATM-113K Primary Warhead

• Technical Data

Weight / Length	2.5 kg / 219 mm
Diameter	110 mm
Filler	DXC-57

• Packing

ATM-113K	1 Round / Fiber Container, 12 Fiber Containers / Wooden Box (Primary Warhead)
----------	--

• Compatible Weapon(s)
Raybolt Warhead



Poongsan Item No.	Description
25A	25 AUTO 50GR FMJ
32A	32 AUTO 71GR FMJ
32B	32 AUTO 60GR JHP
357A	357 MAG 158GR JSP
357B	357 MAG 125GR JHP
357EMA	357 MAG 158GR EMJ with NT Primer
380A	380 AUTO 90GR FMJ
380EMA	380 AUTO 90GR EMJ with NT Primer
38G	38 Special 132GR FMJ
38EMG	38 Special 132GR EMJ with NT Primer
38EMD	38 Special +P 125GR EMJ with NT Primer
38EMM	38 Special 158GR EMJ with NT Primer
38SA	38 Super +P AUTO 130GR FMJ
40B	40 S&W 165GR JHP
40D	40 S&W 165GR FMJ-FP
40E	40 S&W 180GR FMJ-FP
40EMD	40 S&W 165GR EMJ with NT Primer

Poongsan Item No.	Description
40SFX	40 S&W 180GR SFHP
44B	44 REM MAG 180GR JHP
44D	44 REM MAG 240GR TCSP
44EMD	44 REM MAG 240GR EMJ with NT Primer
44SB	44 S&W Special 180GR JHP
45A	45 AUTO 230GR FMJ
45B	45 AUTO 185GR JHP
45EMA	45 AUTO 230GR EMJ with NT Primer
45SFX	45 AUTO +P 230GR SFHP
9A	9MM Luger 115GR FMJ
9B	9MM Luger 115GR JHP
9G	9MM Luger 124GR FMJ
9H	9MM Luger 147GR FMJ
9EMA	9MM Luger 115GR EMJ with NT Primer
9EMG	9MM Luger 124GR EMJ with NT Primer
9SFX	9MM Luger 124GR SFHP
9FR	9MM Luger 100GR RHFP
10A	10MM AUTO 200GR FMJ-FP
10B	10MM AUTO 170GR JHP

RIFLE AMMUNITION FOR SPORTING



Poongsan Item No.	Description
223A	223 REM 55GR FMJ
223B	223 REM 55GR PSP
308A	308 WIN 150GR PSP
308B	308 WIN 147GR FMJ
5.56X	5.56X45mm 55GR FMJ BT
5.56K	5.56X45mm 62GR FMJ BT
223HMA	223 REM 52GR OTM
223XM	223 REM 77GR OTM
308XM	308 WIN 168GR OTM
7.62A	7.62X39mm 123GR FMJ
50A	CAL.50 660GR FMJ BT
50XM	CAL.50 740GR SOLID BRASS

K541 Point Initiation Base Detonating Fuze

Use	40 mm High-Speed Grenade HEDP K212
Function	PIBD
Safety Distance	18.3 m
Arming	6,000 rpm
Diameter	40.6 mm
Length	36.6 mm
Weight	60 g



KM533 Point Detonating Fuze

Use	40 mm High-Speed Grenade HE KM383
Function	PD
Safety Distance	18.3 m
Arming	6,000 rpm
Diameter	40.6 mm
Length	39.5 mm
Weight	69.5 g



KLI472 Point Detonating and Self-Destruction Fuze

Use	40 mm L/70 HEIT K216
Function	PD, SD
Safety Distance	55 m
Arming	12 ± 5 sec
Diameter	25.8 mm
Length	50.4 mm
Weight	43 g



PF587 Proximity Fuze

Use	76 mm Naval Gun Ammunition
Function	Proximity, PD, SD
Safety Distance	40 m
Miss Distance	4 m
Self-Destruction	26 sec
Thread	M58 x P1.5
Length	203 mm
Weight	915 g
Feature	<ul style="list-style-type: none"> - Precision proximity sensor (FMCW) - Improved reliability against environmental interference - Effectiveness against sea-skimming missile



KM423 / KM427 Point Detonating Fuze

Use	2.75" Rocket
Function	PD
Safety Distance	45 m / 130 m
Diameter	44.4 mm
Length	101.6 mm
Weight	280 g



K302 Point Detonating Fuze

Use	127 mm Naval Gun Ammunition
Function	PD
Safety Distance	100 m
Diameter	68.9 mm
Length	164.6 mm
Weight	1,640 g



PF430 Base Detonating Fuze

Use	2.75" Guidance Rocket
Function	Mechanical Delay
Safety Distance	200 m
Arming	2.0 ~ 8.5 msec
Diameter	70.9 mm
Length	103.5 mm
Weight	1,115 g
Feature	Delay time varies on target impact condition



PF303 Proximity Fuze

Use	127 mm Naval Gun Ammunition
Function	Proximity, SD
Safety Distance	100 m
Miss Distance	7 m
Self-Destruction	35 sec
Thread	2.350-10NS-1A
Length	164.6 mm
Weight	1,350 g
Feature	<ul style="list-style-type: none"> - Precision proximity sensor (FMCW) - Improved reliability against environmental interference



KM451 Electronic Time Fuze

Use	227 mm ER-MLRS	
Function	ET	
Arming	Mechanical	24G, After Discharge 0.82 sec
	Electrical	3.78 sec
Time	4.0 ~ 199.9 sec (0.1 sec increment)	
Time Limit Precision	-0.06 ~ +0.08 sec	
power	Fluidic Generator	
Diameter	83 mm	
Length	206.9 mm	
Weight	1,000 g	



M412A1 Point Initiation Base Detonating Fuze

Use	66 mm Anti-Tank Rocket M72A2
Function	PIBD
Safety Distance	13 m
Diameter	31.6 mm
Length	47.2 mm
Weight	63.3 g



PF302 Point Detonating Fuze

Use	105 / 155 mm Artillery Ammunition
Function	PD, PDD
Safety Distance	38 m or 76 m (Optional)
Diameter	61.0 mm
Length	151.6 mm
Weight	680 g
Feature	Non-armed condition assurance (Patented)



KDM93 MTSQ Mortar Fuze

Use	60 / 81 mm Mortar Bomb (HE, Smoke, Illumination)
Function	MTSQ, PD
Safety Distance	40 m
Arming	6.0 ~ 54.0 sec
Diameter	49 mm
Length	86.8 mm
Weight	225 g



PF500 Electronic Time Fuze

Use	105 / 155 mm Artillery Ammunition, 120 mm Mortar Bomb (HE, ILL, Smoke, DPICM)
Function	ET, PD, SD
Safety Distance	400 Cal.
Time	0.5 ~ 199.9 sec (0.1 sec increment)
Thread	2-12UNS-1A
Length	151 mm
Weight	654 g
Feature	ET or PD Selectable (Manual or inductive setter) - Non-armed condition assurance (Patented) - Improved Sub-munition Ejection (Patented)



PF320 Point Detonating Fuze

Use	60 / 81 mm Mortar Bomb (HE, Smoke, TP)
Function	PD, PDD
Safety Distance	40 m
Impact Delay	50 msec
Thread	1.5-12UNF-1A (60 mm) 2.0-12UNS-1A with Adaptor (81 mm)
Length	87.5 mm
Weight	210 g
Feature	Improved functioning on soft target



PF600A Proximity Fuze

Use	105 / 155 mm Howitzer Ammunition, 120 mm Mortar Ammunition
Function	Proximity, PD
Safety Distance	400 Cal.
HOB	9 m
Length	151 mm
Weight	830 g
Feature	- Precision proximity sensor (FMCW) - Non-armed condition assurance (Patented)



PF701A Multi-option Fuze

Use	105 / 155 mm Artillery Ammunition, 120 mm Mortar Bomb
Function	PD, PDD, ET, Proximity, SD
Safety Distance	200 m @ 155 mm
PD	Super-quick
HOB	4, 7, 10, 12, 15 m Selectable
Impact Delay	2 ~ 44 msec (1 msec Increment)
Time	1.0 ~ 199.9 sec (0.1 sec Increment)
Thread	2-12UNS-1A
Length	151 mm ± 1
Weight	860 g ± 20 g
Feature	- Variable modes by Inductive Setter - Improved HOB accuracy - Non-armed condition assurance (Patented)



K751 Fuze for Light Depth Charge

Use	Light Depth Charge KH740
Function	Static Water Pressure
Safety Distance	30 ~ 150 ft (10 ft Increment)
Arming	9 kg/cm ²
Diameter	90 mm
Length	192.5 mm
Weight	3.1 kg



KMK6 MOD2 Depth Charge Pistol

Use	Safety and Arming Device, Firing Device for Depth Charge
Function	Static Water Pressure
Setting	30 ~ 1000 ft
Diameter	162.5 mm
Length	391.8 mm
Weight	7.5 kg



PF751 Electronic Time Fuze for Light Depth Charge

Use	Light Depth Charge KH740	
Function	ET, SD	
Setting	Time	2.5 ~ 29.9 sec (0.1 sec Increment)
	Depth	20 ~ 150 ft (10 ft Increment)
Thread	2-12UN-2A	
Length	192.5 mm under	
Weight	3.1 kg	
Feature	- Low depth functionality improved - Time or Depth setting available - Inductive setting	



KMK6 MOD2 Depth Charge Extender

Use	Safety and Arming Device for Depth Charge
Function	Static Water Pressure
Diameter	162.5 mm
Length	119.4 mm
Weight	3.5 kg



Timer Assembly

Use	Aircraft Flare K610, K631
Function	Time
Height of drop	250 ~ 11,000 ft
Diameter	122.9 mm
Length	72.3 mm
Weight	550 g



PSA-1500 Accelerometer (Control Grade)

Use	Surface to Underwater Missile, Antiship Missile
Function	$\geq \pm 25$ g
Bias	$\leq \pm 10$ mg
Scale Factor	Nominal Value 0.9 ~ 1.3 mA/g
Misalignment	$\leq \pm 5$ mrad
Frequency Response	≥ 600 Hz
Size	$\varnothing 38 \times H26$
Weight	≤ 70 g



PSA-2000N Accelerometer (Navigation Grade)

Use	Airmobile helicopter, Multiple Launch Rocket
Function	$\geq \pm 25$ g
Bias	$\leq \pm 5$ mg
Scale Factor	Nominal Value 0.9 ~ 1.2 mA/g
Misalignment	$\leq \pm 2$ mrad
Frequency Response	≥ 600 Hz
Size	$\varnothing 38 \times H26$
Weight	≤ 70 g



PSA-1500H Accelerometer (High Acceleration Grade)

Use	Antiaircraft Missile
Function	$\geq \pm 70$ g
Bias	$\leq \pm 10$ mg
Scale Factor	Nominal Value 0.7 ~ 1.0 mA/g
Misalignment	$\leq \pm 5$ mrad
Frequency Response	≥ 600 Hz
Size	$\varnothing 30.6 \times H23.6$
Weight	≤ 50 g



Total/Static Pressure Tube

Use	Measuring Velocity and Pressure for Guided Weapons
-----	--



PSA-2000L Accelerometer (Compact Navigation Grade)

Use	Armored Vehicle, NBCRV
Function	$\geq \pm 25$ g
Bias	$\leq \pm 5$ mg
Scale Factor	Nominal Value 0.9 ~ 1.2 mA/g
Misalignment	$\leq \pm 2$ mrad
Frequency Response	≥ 600 Hz
Size	$\varnothing 30.6 \times H23.6$
Weight	≤ 50 g



Pitot Static Tube

Use	Measuring Velocity for Guided Weapons & Flying Vehicles
-----	---



PSMA-2.1 Seismic Sensor (1-axis)

Use	Seismic Wave Measurement
Measuring Ingredients	1-axis
Bandwidth	DC ~ 200 Hz
Dynamic Range	≥ 120 dB
Output Voltage Linear Ratio	≤ 1 %
Cross Axis Sensitivity Error	≤ 1 %
Size	L100 × W60 × H60
Weight	500 g



PSMA-DR3.0 Seismic Recorder (3ch)

Use	Date Logger of Seismic Wave
Channel Number	3
Bandwidth	DC ~ 50 Hz
Dynamic Range	≥ 120 dB
Data Logging	Mini-SEED, QSCD 2.0
Resolution	24 Bit
Network	TCP/IP, Seed Link Protocol, NTP
Size	L420 × W240 × H90
Weight	6,600 g
GPS Time Synchronization	≤ 0.005 sec



PSMA-2.2 Seismic Sensor (2-axis)

Use	Seismic Wave Measurement
Measuring Ingredients	2-axis
Bandwidth	DC ~ 200 Hz
Dynamic Range	≥ 120 dB
Output Voltage Linear Ratio	≤ 1 %
Cross Axis Sensitivity Error	≤ 1 %
Size	ø154 × H96
Weight	1,200 g



PDMS-2.0 Displacement Measurement System

Use	Displacement Measurement
Measuring Ingredients	3-axis
Bandwidth	DC ~ 100 Hz
Accuracy	≤ 3 mm (Dynamic)
Input Range	≤ ± 2 g
Network	TCP/IP
Size	ø200 × H145
Weight	3,000 g



PSMA-2.3 Seismic Sensor (3-axis)

Use	Seismic Wave Measurement
Measuring Ingredients	3-axis
Bandwidth	DC ~ 200 Hz
Dynamic Range	≥ 120 dB
Output Voltage Linear Ratio	≤ 1 %
Cross Axis Sensitivity Error	≤ 1 %
Size	ø154 × H96
Weight	1,200 g



KM82 Primer Assembly

• Technical Data

Weight / Length	30.6 g / 49.3 mm
Diameter	11.2 mm
Body	Brass
Function	Percussion
Filler	Black Powder
Primer	NO. 34

• Stock Number(DODIC)

1390010079177(KN523)

• Packing

KM82 (KN523)	1 ea / Sealed Bag,
	50 Sealed Bags / Corrugated Box,
	16 Corrugated Boxes / Wooden Box (36.3 kg)

• Compatible Weapon(s)

Towed Howitzer : M114A2 (M1A2), KH179 (CN79)

Self-Propelled Howitzer : K55 (M185), K55A1 (M185A1), K9 (CN98)



PRIMERS



Primers	Application	Primers	Application
Variety of small primers	Small Arms Ammunition	KM28A2	105mm Howitzer
KM52A3B1	20mm Vulcan	KM79	90mm Tank, APFSDS-T
KM36A2	30mm Goalkeeper	KM58	90mm Tank, TP-T
K602	30mm Oerlikon	KM49	90mm Tank, HE
K603	35mm Oerlikon	KM83	105mm Tank, HEAT
KM32	60mm Mortar	KM120	105mm Tank, APFSDS-T
K1	60mm Mortar, Advanced	K611	120mm Tank
KM71A2	81mm Mortar	K609	76mm Naval Gun
K2	81mm Mortar, Advanced	K10	127mm Naval Gun
KM1A2	105mm Howitzer, Blank	KBBU-36 / B	I.R.F. KMJU-7/B

LINKS



Model	Description	Compatible Weapon(s)	Packing
K2 (equivalent to M27)	5.56mm	M249 K3 Machine Gun	Packing Q'ty. : 12,000 ea Weight : 26.6 kg
KM13	7.62mm	M60, M219 Machine Gun	Packing Q'ty. : 7,500 ea Weight : 38.5 kg
KM9	12.7mm	M2 Machine Gun	Packing Q'ty. : 2,000 ea Weight : 40 kg
KM12 KM14A2	20mm	M39, M61, M167, M197 Vulcan	Packing Q'ty. : 400 ea Weight : 29 kg
K1	30mm	Oerlikon	Packing Q'ty. : 100 ea Weight : 15 kg
KM16A2	40mm	K4 Machine Gun	Packing Q'ty. : 1,280 ea Weight : 18 kg

CUPS, DISCS, CONES & ROTATING BANDS



Name	Application
Bullet Jacket Cups	Small Arms Ammunition
Case Cups	Small Arms Ammunition, 20mm Vulcan Ammunition, 40mm Naval Gun Ammunition, 76mm Naval Gun Ammunition, 127mm Naval Gun Ammunition, 90mm Tank Ammunition, 105mm Tank Ammunition, 105mm Howitzer Ammunition
Discs	40mm Naval Gun Ammunition, 76mm Naval Gun Ammunition, 127mm Naval Gun Ammunition, 90mm Tank Ammunition, 105mm Tank Ammunition, 105mm Howitzer Ammunition
Cones	40mm Grenade Ammunition, 105mm Tank Ammunition, 120mm Tank Ammunition
Rotating Bands	20mm Vulcan Ammunition, 30mm Oerlikon Ammunition, 35mm Oerlikon Ammunition, 40mm Grenade Ammunition, 40mm Naval Gun Ammunition, 76mm Naval Gun Ammunition, 127mm Naval Gun Ammunition, 90mm Tank Ammunition, 105mm Howitzer Ammunition, 155mm Howitzer Ammunition

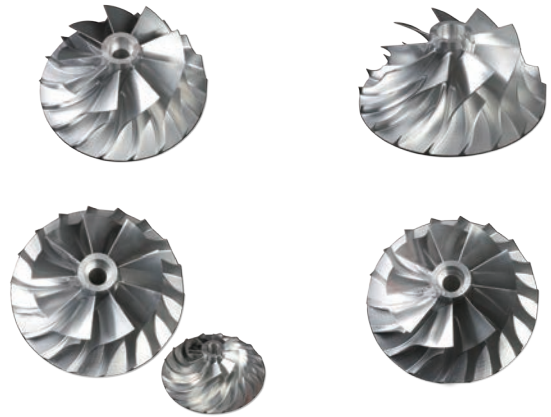
Road Wheel



[Finished Product]

Name	Size	Weight	Material
K9 / K10 ROAD WHEEL	Ø645.2 x L169 mm	42.1 kg	Aluminum
KAHV ROAD WHEEL	Ø601 x L139.1 mm	18.6 kg	
K1 / K2 ROAD WHEEL	Ø591.1 x L181 mm	37.5 kg	
Chun-ma [Pegasus] KSAM (Korean Surface to Air Missile) / K21 Infantry Fighting Vehicle WHEEL	Ø579 x L135 mm	24.7 kg	

Compressor Wheel



[Finished Product]

Name	Size	Weight	Material
NR12	Ø158 x L95 mm	4.4 kg	Aluminum
NR15	Ø193 x L97 mm	6.7 kg	
NR20	Ø250 x L139 mm	14 kg	
NR24	Ø305 x L171 mm	23.5 kg	
NR29	Ø353 x L205 mm	42 kg	
NR34	Ø418 x L213 mm	56.4 kg	
TCR16	Ø254 x L152 mm	11.9 kg	
TCR18	Ø290 x L185 mm	21.4 kg	
TCR20	Ø354 x L220 mm	36.6 kg	
HERA245	Ø298 x L201 mm	24.1 kg	
TPL85	Ø940 x L615 mm	544 kg	
MET83	Ø1057 x L566 mm	765 kg	

SCROLL, PULLEY



[Finished Product]

Name	Weight	Size	Material
Scroll PHEV	810 g	Ø123 ± 0.6 mm	Aluminum

Scroll for compressors of plug-in hybrid and electric automotive air conditioner

Scroll HEV	780 g	Ø123 ± 0.6 mm	Aluminum
------------	-------	---------------	----------

Scroll for compressors of hybrid and electric automotive air conditioner

Pulley	Approx. 821 g	Approx. Ø121 mm	Steel
--------	---------------	-----------------	-------

Pulley for compressors for automotive air conditioner

Clutchless Pulley	Approx. 215 g	Approx. Ø118.5 mm	Aluminum
-------------------	---------------	-------------------	----------

Pulley for compressors for automotive air conditioner

HUB, HOUSING, RING



[Finished Product]

Name	Weight	Size	Material
Rubber Damper	0.717 kg	Ø191 X 53.5 mm	Aluminum
EAV HUB	1.350 kg	Ø164.5 X 91.5 mm	Aluminum
Steel Casing	2.128 kg	Ø171 X 71 mm	Steel
Inertia Ring	1.196 kg	Ø148.4 X 40.2 mm	Aluminum

PROPELLANTS



Name	Model	Used for	Remark
Double Base Propellant	WC844, PMC8355, PMC815	5.56 mm Ammunition	
	WC846, PMC8376, WC818	7.62 mm Ammunition	
	WC860, PMC9850	12.7 mm Ammunition	
	WC825	CAL.30 Ammunition	
	WC870	20 mm Vulcan	- Packing Method : Conductive Vinyl Bag, Fiber Drum
	PMC9221		
	PMC1209, PMC1210, PMC1235, PMC1238, PMC1244	Various Pistol and Revolver Ammunition	- Net Wt : 30 kg or 45 kg
	PMC2207, PMC2208, PMC2222, PMC2224, PMC2225, PMC2227, PMC2230, PMC2236, PMC2239	Various Rifle Ammunition	- Container Size : 376 mm x 590 mm
	PMC3222	Various Cal.22 RIMFIRE Ammunition	
	SCDB	120 mm Tank Ammunition	-
Single Base Propellant	K670	30 mm Oerlikon Ammunition	
	K681	30 mm Naval Ammunition	
	K671	35 mm Oerlikon Ammunition	-
	K14	127 mm Naval Ammunition	
Triple Base Propellant	KM30	90 mm, 105 mm Tank Ammunition	-
	K682, K683	120 mm Tank Ammunition	

NITROCELLULOSE



✦ GENERAL CHARACTERISTICS

- Molecular Formula : [C₆H₁₀-x O₅-x (ONO₂)_x]n
- Appearance : Cotton-Like, Amorphous Solid Fiber
- Color : White
- Deflagration Tempo : Approx. 180 °C
- Wet : With Water 25 ~ 35 %
- Hazard Class : Flammable Solid

✦ Grade

Grade	Type	Application
Grade A	TYPE I : 12.60 ± 0.10 N %	Smokeless Powder
	TYPE II : 12.60 ± 0.15 N %	
Grade B	TYPE I : 13.35 N % Min	
Grade C	TYPE I : 13.15 ± 0.05 N %	
Grade D	12.20 ± 0.10 N %	

OVERSEAS & DOMESTIC NETWORK

POONGSAN CORPORATION

HEAD OFFICE

Poongsan Bldg., 23, Chungjeong-ro,
Seodaemun-gu, Seoul
Tel : 82-2-3406-5114

DOMESTIC PLANTS & INSTITUTE

Ulsan Plant

94, Sanam-ro, Ulju-gun, Ulsan
Tel : 82-52-231-9114

Angang Plant

2606-10, Hoguk-ro, Angang-eup,
Gyeongju-si, Gyeongsangbuk-do
Tel : 82-54-760-6114

Busan Plant

230, Seonsuchon-ro, Haeundae-gu,
Busan
Tel : 82-51-520-8114

Poongsan R&D Institute

266, Techno 2-Ro, Yuseong-Gu,
Daejeon
Tel : 82-42-609-7777

OVERSEAS OFFICE

Taiwan Office

RM708, 21Century Bldg., No.207
Tun Hwa North Road, Taipei, Taiwan
Tel : 886-2-2545-5311/2

Indonesia Office

Graha CIMB Niaga 26th Fl. Jl. Jend.
Sudirman Kav.58 Jakarta Selatan,
12190, Indonesia
Tel : 62-21-8067-1236

Saudi Arabia Office

Villa #26, Abdullah bin Khamis Street,
Olaya Tahlia Street, Riyadh, 11497, KSA
Tel : 966-11-462-4040

DOMESTIC AFFILIATES

Poongsan FNS Corporation

893, Deugandae-ro, Eunjin-myeon,
Nonsan-si, Chungcheongnam-do
Tel : 82-41-740-5500

PNT Corporation

94, Sanam-ro, Ulju-gun, Ulsan
Tel : 82-52-231-9981

OVERSEAS AFFILIATES

PMX Industries, Inc.

5300, Willow Creek Drive S.W., Cedar
Rapids, Iowa 52404, U.S.A
Tel : 1-319-368-7700

Poongsan (H.K.) Ltd.

Unit1907B 19/F Exchange Tower 33
Wang Chiu Road, Kowloon Bay,
Kowloon, Hong kong
Tel : 852-2735-6330

Poongsan (Shenzhen) Co., Ltd.

8 Dahualu, Yanchuanshequ, Songgang,
Baoan, Shenzhen, China
Tel : 86-755-3323-8916

Poongsan (Shanghai) Co., Ltd.

Room 1325, No.289, Wujin Road,
Hongkou District, Shanghai, 200080,
China
Tel : 86-21-5868-0881

Poongsan (Lianyungang) Co., Ltd.

20-3, Jinqiao Road, Dapu Industrial
Park, Lianyungang City, Jiangsu, China
Tel : 86-518-8108-9568

Siam Poongsan Metal Co., Ltd.

38/14 Moo 5, Laemchabang Industrial
Estate, T. Tungskhla, A. Sriracha,
Chonburi 20230, Thailand
Tel : 66-38-400-056

Poongsan Japan Corporation

ACN Yotsuya Building 3rd floor
2-4-1, Yotsuya, Shinjuku-ku, Tokyo,
160-0004, Japan
Tel : 81-3-5269-6570

(Kawaguchi Office)

Angyo-Kitaya 628, Kawaguchi,
Saitama 334-0054, Japan
Tel : 81-48-297-6931

Poongsan (M) SDN BHD

No.16, Jalan Anggerik Mokara, 31/59,
Kota Kemuning, Seksyen 31, 40460
Shah Alam, Selangor, Malaysia
Tel : 60-3-5122-0001

Poongsan America Corporation

601 South Figueroa St. Suite No.4600,
Los Angeles, CA 90017, U.S.A
Tel : 1-213-236-0300

PMC Ammunition, Inc

10777 Westheimer Road, Suite
1101 Houston, Texas 77042, U.S.A
Tel : 1-281-407-5655

POONGSAN HOLDINGS CORPORATION

HEAD OFFICE

Poongsan Bldg., 23, Chungjeong-ro,
Seodaemun-gu, Seoul
Tel : 82-2-2278-6700

DOMESTIC PLANTS

Changwon Plant

670, Gongdan-ro, Seongsan-gu,
Changwon-si, Gyeongsangnam-do
Tel : 82-55-239-0700

Busan Plant

230, Seonsuchon-ro, Haeundae-gu,
Busan
Tel : 82-51-520-8900

DOMESTIC AFFILIATES

Poongsan Special Metal Corporation

274, Ganghwasandan-ro,
Ganghwa-eup, Ganghwa-gun,
Incheon
Tel : 82-32-540-7114

Poongsan Metal Service Corporation

134, Pyeongtaekhang-ro 156beon-gil,
Pyeongtaek-si, Gyeonggi-do
Tel : 82-31-650-7500

Poongsan Hwadong

351, Hyoryeong-ro, Seocho-gu, Seoul
Tel : 82-2-3471-4586

