



Strength in every connection

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CHAIRMAN'S MESSAGE

As the owner of Karmetal Savunma, I am proud to share our journey which began in 1998. In 2006, we channelled our extensive cross-sector manufacturing experience into the defence industry by establishing our first facility in İkitelli Organized Industrial Zone (IOSB).

Today, we specialize in the high-precision manufacturing of light and heavy ammunition components for aircraft, tanks, cannons, mortars, and machine guns. Our operations are powered by high-tech machinery and a team of seasoned manufacturing and quality control experts who ensure every product meets the rigorous demands of the modern battlefield.

To meet growing demand, we expanded our footprint by opening a second production facility in the Kırıkkale Organized Industrial Zone (KOSB) in 2013, followed by the launch of new manufacturing lines in Istanbul in 2018. Innovation is at our core and through our R&D center at Kırıkkale University Technopark and our collaborations with academic institutions, we are constantly developing next-generation solutions.

Karmetal Savunma is now a trusted global partner, exporting to more than 30 companies across 4 continents. We are honoured to contribute to the strength of defence industry Türkiye and remain committed to leading the field with the vision and courage to break new ground.

We invite you to partner with us as we continue to define excellence in defence sector. Please, contact our headquarters to discuss how our specialized solutions can support your operations.

Cihangir BAYRAMOĞLU
Chairman of the Executive Board

OUR LOCATION



HEADQUARTER

İkitelli O.S.B. İsteks San. Sit.
D3 Blok No: 14/1 34490
Başakşehir/İSTANBUL

KIRIKKALE FACTORY - 1

Kırıkkale 1. O.S.B. Kızılırmak Cad.
2. Sok No: 19 71450 Yahşihan/Kırıkkale

KIRIKKALE FACTORY - 2



YOL TARİFİ VE İLETİŞİM İÇİN
QR KODU KULLANIN
USE QR CODE FOR
DIRECTIONS AND CONTACT

OUR PARTNERS



AMMUNITION
LINK BELTS



M27 LINK BELTS



Type
M27

Munitions
5.56x45 mm

Weapon
FN MINIMI/M249

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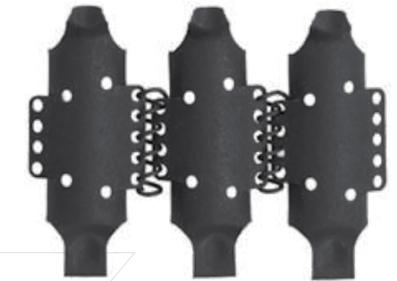


AMMUNITION LINK BELTS



M13 LINK BELTS

Type	M13
Munitions	7.62x51 mm
Weapon	M60/FN MAG



7.62x54R LINK BELTS

Type	7.62x54R
Munitions	7.62x54 mm
Weapon	BIXI

EASTERN
STANDARDS



M1 LINK BELTS

Type	M1
Munitions	7.62x63 mm
Weapon	1919 A4



PK/PKM LINK BELTS

Type	PKM
Munitions	7.62x54 mm
Weapon	PK/T/M/S

EASTERN
STANDARDS

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KPV/KPVT LINK BELTS



Type
KPV-KPVT

Munitions
14.5x115 mm

Weapon
KPV/KPVT

EASTERN
STANDARDS

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AMMUNITION LINK BELTS



M9 LINK BELTS

Type	M9
Munitions	12.7x99 mm (.50CAL)
Weapon	12.7 M2HB/QCB/M3M



M15A2 LINK BELTS

Type	M15A2
Munitions	12.7x99 mm
Weapon	M85



M14A2 LINK BELTS

Type	M14A2
Munitions	20x102 mm
Weapon	M61 VULCAN/M197



NSV LINK BELTS

Type	NSV
Munitions	12.7x108 mm
Weapon	NSV

EASTERN
STANDARDS

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AMMUNITION LINK BELTS



M12 LINK BELTS

Type	M12
Munitions	20x102 mm
Weapon	M39/M39A1

EASTERN
STANDARDS



M28 LINK BELTS

Type	M28
Munitions	25x137 mm
Weapon	M242/CHAIN GUN



M29 LINK BELTS

Type	M29 / F50
Munitions	30x113 mm
Weapon	ATK/NEXTER



M16A2 LINK BELTS

Type	M16A2
Munitions	40x53 mm
Weapon	MK 19/MK 47 CIS 40 GL LAG 40 SB/H&K GMG



AMMUNITION
BOXES



M19A1 AMMUNITION BOX

Type	M19A1
Material	Metal
Weight	1.6 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.

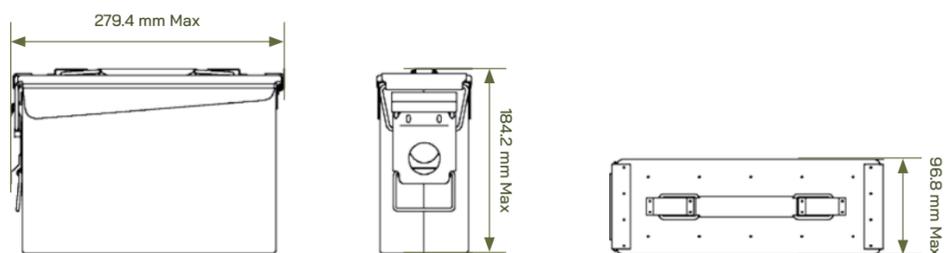


M2A1 AMMUNITION BOX

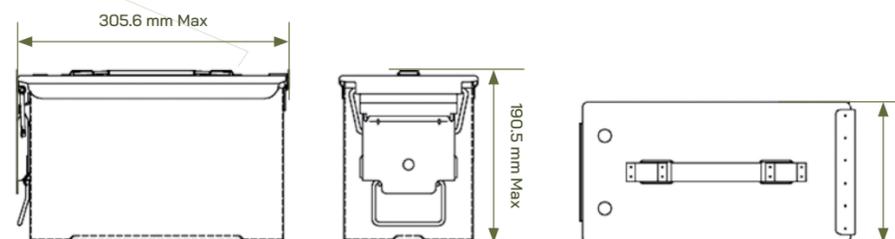
Type	M2A1
Material	Metal
Weight	2.6 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions



External Dimensions

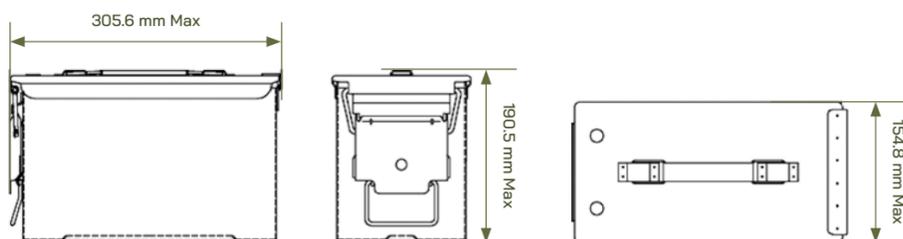


M2A2 AMMUNITION BOX

Type	M2A2
Material	Metal
Weight	2.6 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions

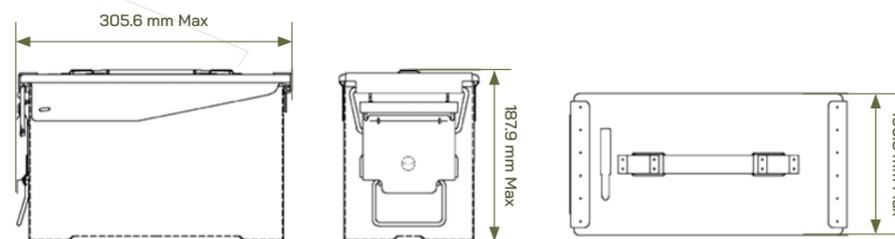


S1 AMMUNITION BOX

Type	S1
Material	Metal
Weight	2.94 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions



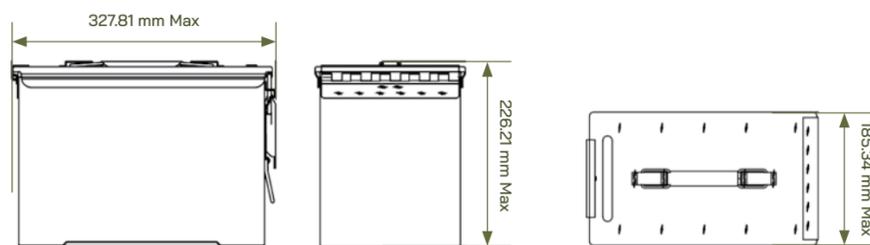


PA108 AMMUNITION BOX

Type	PA108
Material	Metal
Weight	3.2 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions

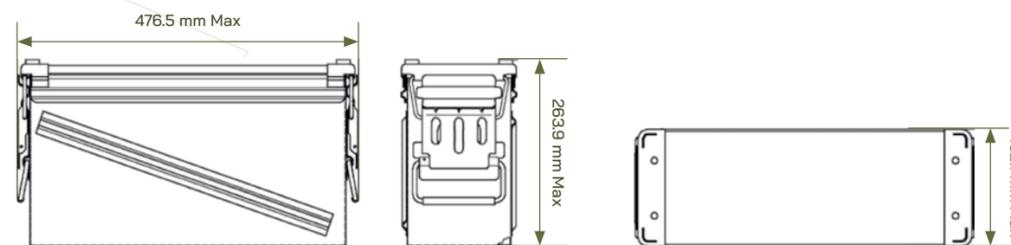


PA120 AMMUNITION BOX

Type	PA120
Material	Metal
Weight	6.6 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions

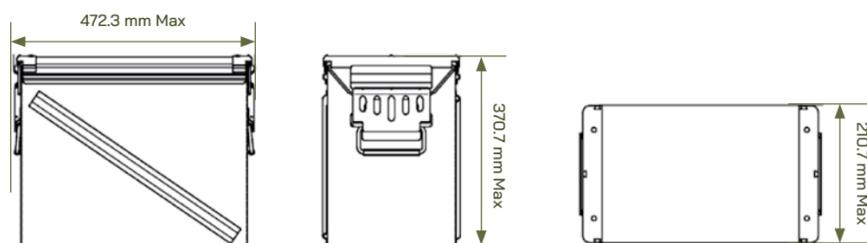


M548 AMMUNITION BOX

Type	M548
Material	Metal
Weight	9 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions

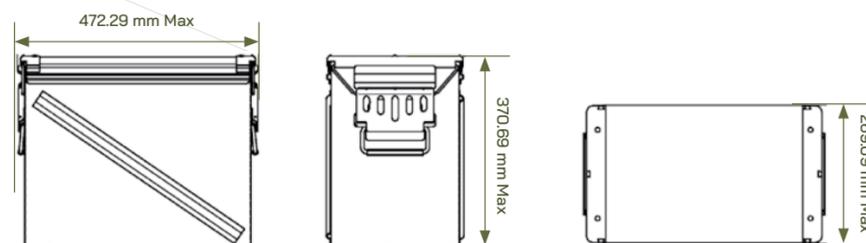


CNU405 AMMUNITION BOX

Type	CNU405
Material	Metal
Weight	11 kg
Paint Code	RAL 6014 or Special Code
Marking	UN Marking or Without UN Marking
Description	Waterproof, airtight, cover can be completely removed.



External Dimensions





AMMUNITION BOXES

M2A1 (TP01A) PLASTIC AMMUNITION BOX

Type	M2A1
Material	Plastic
Weight	0.78 kg
Dimensions (LxWxH)	Minimum internal : 348x180x223 mm Maximum external: 284x145x180 mm



M19A1 (TPO2A) PLASTIC AMMUNITION BOX

Type	M19A1
Material	Plastic
Weight	0.45 kg
Dimensions (LxWxH)	Minimum internal : 290x125x180 mm Maximum external: 235x102x160 mm



CYLINDER CONTAINERS



CYLINDER CONTAINER



120 MM CYLINDER CONTAINER

Type	PA116 APFSDS-T/ TPCSDS-T/HE-T
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155 MM CYLINDER CONTAINER

Type	M13A1/PAPD37
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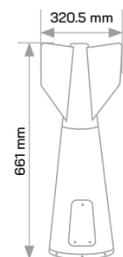
CONICAL FIN ASSEMBLY ←
 MORTAR BODY ←
 LAW THE LIGHTWEIGHT ←
 ANTI TANK WEAPON ←
 DEMOLITION CHARGES ←



CONICAL FIN ASSEMBLY

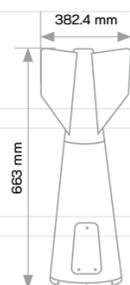


CONICAL FIN ASSEMBLY



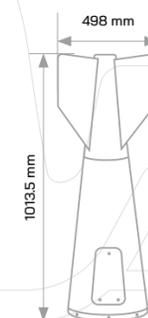
MK81 CONICAL FIN ASSEMBLY

Type	MK81-250 lb
Use For	Aircraft Ammunition



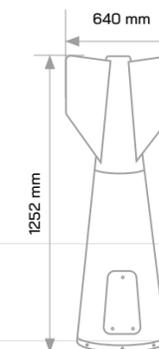
MK82 CONICAL FIN ASSEMBLY

Type	MK82-500 lb
Use For	Aircraft Ammunition



MK83 CONICAL FIN ASSEMBLY

Type	MK83-1000 lb
Use For	Aircraft Ammunition



MK84 CONICAL FIN ASSEMBLY

Type	MK84-2000 lb
Use For	Aircraft Ammunition





MORTAR BODY



MORTAR BODY FOR 60 MM

Type	60 mm
Use For	Mortar Ammunition



MORTAR BODY FOR 81/82 MM

Type	81/82 mm
Use For	Mortar Ammunition



MORTAR BODY FOR 120

Type	120 mm
Use For	Mortar Ammunition

LAW THE LIGHTWEIGHT ANTI TANK WEAPON



M72 LAW THE LIGHTWEIGHT ANTI TANK WEAPON

Specifications	M72A2 and M72A3
Firing	M72 LAW
Extended	Less than 1 m (39 in)
Closed	0.67 m (26 in)
Complete M72A2	M72A2: 2.3 kg (5.1 lb)
Complete M72A3	2.5 kg (5.5 lb)
Firing Mechanism	Percussion
Front Sight	Reticle graduated in 25 m range increments
Rear Sight	Peep sight adjusts automatically to temperature change





DEMOLITION CHARGES



M3A1 DEMOLITION CHARGES

40 LB



M2A4 DEMOLITION CHARGES

15 LB



AMMUNITION
COMPONENTS



AMMUNITION COMPONENTS



AMMUNITION COMPONENTS



2.75 inch
Ammunition
Components



25 mm
Ammunition
Components



40 mm
Ammunition
Components



60 mm
Ammunition
Components



66 mm
Ammunition
Components



81/82 mm
Ammunition
Components



AMMUNITION COMPONENTS



AMMUNITION COMPONENTS



107 mm
Ammunition Components

120 mm
Ammunition Components



AMMUNITION COMPONENTS



AMMUNITION COMPONENTS



122 mm
Ammunition Components

MK Series
Ammunition Components



REFERENCES

AKIN
TEKNOLOJİ A.Ş.

ARCA

ASSAN

aselsan

ATK
ALLIANT TECHSYSTEMS

CANİK
SUPERIOR HANDGUNS



MAKİNA VE KİMYA
ENDÜSTRİSİ KURUMU

MERTSAV

Otokar

roketsan

sinerji

SYSTEM DEFENCE



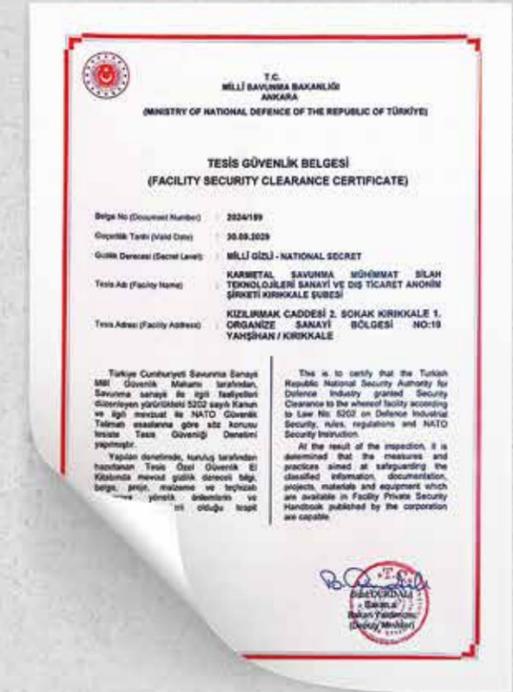
T.C. CUMHURBAŞKANLIĞI
SAVUNMA SANAYİ BAŞKANLIĞI



TURAN
ammunition



zsr





**KARMETAL DEFENSE
AMMUNITION WEAPON
TECHNOLOGIES INDUSTRY
FOREIGN TRADE
INCORPORATE COMPANY**

HQ: İkitelli O.S.B. İsteks San. Sit. D3 Blok
No: 14/1 34490 Başakşehir/İstanbul

Factory: Kırıkkale 1. O.S.B. Kızılırmak Cad.
2. Sok No: 19 71450 Yahşihan/Kırıkkale

Tel: +90 212 416 78 92 / Faks: +90 212 416 79 09

◆ USA ◆ BAE ◆ PAKISTAN ◆ EGYPT ◆ SAUDI ARABIA



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