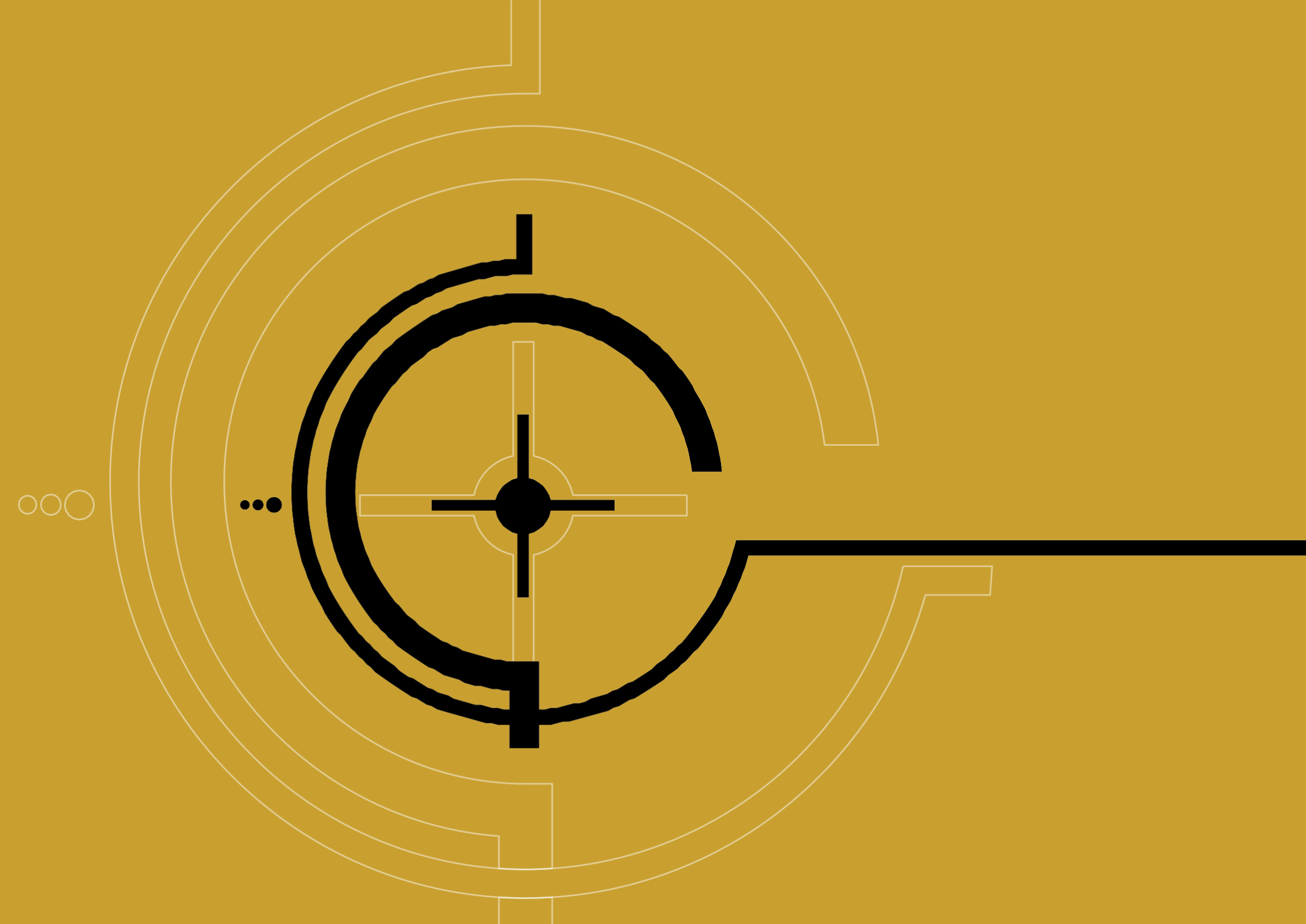




الشركة العمانية لإنتاج الذخائر
Oman Munition Production Company







Oman Munition Production Company (OMPC) is a pioneer in ammunition manufacturing in the Sultanate of Oman. It is a government enterprise established in 2014 and aims to provide high quality product requirements for small arms ammunition to the defense and military sector.

The company is strict to high international standards for all production to achieve integration with commercial defense and military sectors in the region and build relations in the area of small arms ammunition field.

As OMPC is the only ammunition factory in Oman, it guarantees to continue supply to the defense and security field. The objective of OMPC is to contribute to the safety and resiliency of the nation. They conduct research in cooperation with national and international research centers for the development in (SAA) Small Arms Ammunition field. The company collaborates with local and international private sectors to establish SME's and downstream businesses in Oman and to assist Small Arms Ammunition manufacturing support.



Vision Statement

To be a distinctive trade mark for military industries in quality, standards and safety.

Mission Statement

Meeting the needs and requirements of local and international military and security organization by acquiring advanced technologies, developing processes and empowering local Omani talents to produce high quality products.

Values

People, Quality & Safety are our top priorities.

9x19mm PARA

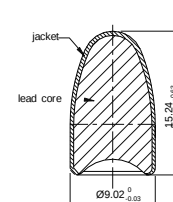


TYPE	PARA 115
CARTRIDGE LENGTH (mm)	29,69
CARTRIDGE WEIGHT (g)	11,90
BULLET DIAMETER (mm)	9.0
BULLET LENGTH (mm)	15,24
BULLET WEIGHT (g/gr)	7.5g/115gr
PERFORMANCE	
VELOCITY (m/s)	390
SERVICE TEMPERATURE (°C)	-°54c/+°52c
MAX DISPERSION	Mean dispersion <50 mm after 46 meters

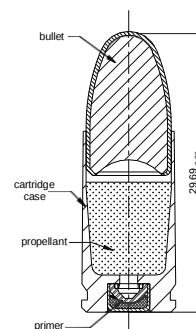
GENERAL INFORMATION

9 mm BALL ammunition produced in Oman Munition Production Company (OMPC) conforms to NATO specification which conform to NATO requirement. This ammunition can be fired from all standard 9 mm weapons.

TECHNICAL SPECIFICATIONS



<i>Cartridge</i>	
caliber	- 9 mm
total length	- 29,69 -0,79 mm
waterproofing	- case mouth and case-primer joint
are waterproof sealing	
bullet extraction	- >200 N



<i>Case</i>	
material	- brass CuZn30
length	- 19,15-0,3 mm
<i>Bullet</i>	
type	- ball
weight	- 7.45 ±0.13 g
length	- 15,24 - 0,63 mm
material	- jacket - tombac CuZn10 - rear core -lead antimony (1-2.5%)
<i>Propellant</i>	
type	- double base, smokeless
charge	- approx. 0.39 ± 0,01 g



<i>Primer</i>	
type	- Boxer
property	- percussion, non corrosive, non mercuric

9x19mm



TYPE	Luger 124
CARTRIDGE LENGTH (mm)	29,69
CARTRIDGE WEIGHT (g)	11,90
BULLET DIAMETER (mm)	9.02
BULLET LENGTH (mm)	15,24
BULLET WEIGHT (g/gr)	8.0 g/124 gr
PERFORMANCE	
VELOCITY (m/s)	365



5.56x45mm SS109



TYPE	SS109
CARTRIDGE LENGTH (mm)	57,4
CARTRIDGE WEIGHT (g)	11,65
BULLET DIAMETER (mm)	5,7
BULLET LENGTH (mm)	23,1
BULLET WEIGHT (g/gr)	4,02g/62gr
PERFORMANCE	
VELOCITY (m/s)	> 900 m/s
SERVICE TEMPERATURE (°C)	-°54c/°+52c
MAX DISPERSION	SD <200 mm at 550 meters

GENERAL INFORMATION

5.56 mm SS109 BALL ammunition produced in Oman Munion Production Company (OMPC) conforms to NATO specification which conform to NATO STANAG 4172 requirement. This ammunition can be fired from all standard 5.56 mm weapons: Assault rifles - FNC, M16A2, H&K G36, BERETTA AR 70/90, L85A2; Light machine gun - MINIMI.

TECHNICAL SPECIFICATIONS

	<i>Cartridge</i>	caliber	- 5.56 mm
		total length	- 57,40 -0,70 mm
		waterproofing	- case mouth and case-primer joint
		are waterproof sealing	
		bullet extraction	- >200 N
	<i>Case</i>	material	- brass CuZn30
		length	- 44,70-0,25mm
	<i>Bullet</i>	type	- ball
		weight	- 4 ±0.1 g
		length	- 23,00 ± 0,2 mm
		material	- jacket - tombac CuZn10
			-rear core -lead antimony (1-2.5%)
	<i>Propellant</i>	type	- double base, smokeless
		charge	- approx. 1,75 ± 0,01 g
	<i>Primer</i>	type	- Boxer
		property	- percussion, non corrosive, non mercuric

5.56x45mm Tracer (M196)



TYPE		Tracer M196
BULLET DIAMETER (mm)		5,7
BULLET LENGTH (mm)		23,1
BULLET WEIGHT (g)		3.35
PERFORMANCE		
VELOCITY (m/s)		> 900-3115 m/s
SERVICE TEMPERATURE (°C)		-°54c/°+52c
MAX DISPERSION		SD <200 mm at 550 meters

* Production through Partner

5.56x45mm (M193)

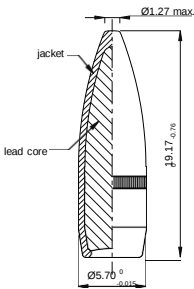


TYPE	M193
CARTRIDGE LENGTH (mm)	57,4
CARTRIDGE WEIGHT (g)	11,25
BULLET DIAMETER (mm)	5,7
BULLET LENGTH (mm)	18,65
BULLET WEIGHT (g/gr)	3,62g/55gr
PERFORMANCE	
VELOCITY (m/s)	965
SERVICE TEMPERATURE (°C)	-54°c/+52°c
MAX DISPERSION	Mean radius 50 mm 183 meters away

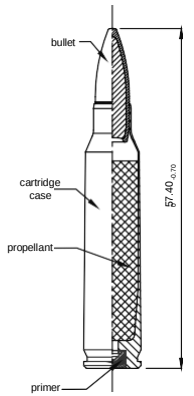
GENERAL INFORMATION

5.56 mm M193 BALL ammunition produced in Oman Munition Production Company (OMPC) conforms to U.S.Militry specification which conform to MIL-C-9963 requirement.This ammunition can be fired from all standard 5.56 mm weapons: Assault rifles - FNC, M16A2, H&K G36, BERETTA AR 70/90, L85A2; Light machine gun - MINIMI.

TECHNICAL SPECIFICATIONS



Cartridge	
caliber	- 5.56 mm
total length	- 57,40 -0,70 mm
waterproofing	- case mouth and case-primer joint
are waterproof sealing	
bullet extraction	- ≥200 N



Case	
material	- brass CuZn30
length	- 44,70- 0,25 mm

Bullet	
type	- ball
weight	- 3,62 g
length	- 19,17 ± 0,76 mm
material	- jacket - tombac CuZn10
	-rear core -lead antimony (1-2.5%)

Propellant	
type	- double base, smokeless
charge	- approx. 1,75 ± 0,01 g

Primer	
type	- Boxer
property	- percussion, non corrosive, non mercuric



.223 Rem

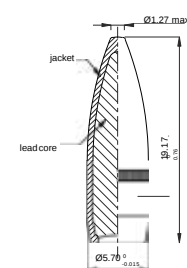


TYPE	.223 Rem
CARTRIDGE LENGTH (mm)	57
CARTRIDGE WEIGHT (g)	11.25g
BULLET DIAMETER (mm)	5,7
BULLET LENGTH (mm)	19.17
BULLET WEIGHT (gr)	55 or 69 HPBT
PERFORMANCE	
VELOCITY (m/s)	930-980 for 55gr 910 for 69gr

GENERAL INFORMATION

OMPC's .223 Rem is developed for accurate target shooting.

TECHNICAL SPECIFICATIONS



Cartridge

caliber	- 5,56 mm
total length	- 57,40 -0,70mm
bullet extraction	- ≥ 200 N

Case

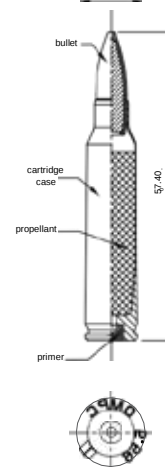
material	- brass CuZn30
length	- 44,70-0,25mm

Bullet

type	- ball
weight	- 3,62 g
length	- 19,17 $\pm$ 0,76 mm
material	- jacket - tombac CuZn10 - rear core -lead antimony (1-2.5%)

Primer

type	- Boxer
property	- percussion, non corrosive, non mercuric



5.56x45mm
(M200)



	M200
CARTRIDGE LENGTH (mm)	48,5
CARTRIDGE WEIGHT (g)	6,40

PERFORMANCE	
SERVICE TEMPERATURE (°C)	-32°c/+52°c

7.62x51mm (M80)



TYPE	Ball
CARTRIDGE LENGTH (mm)	71,12
CARTRIDGE WEIGHT (g)	24,4
BULLET DIAMETER (mm)	7,83
BULLET LENGTH (mm)	28,95
BULLET WEIGHT (g/gr)	9,55g/147gr
PERFORMANCE	
VELOCITY (m/s)	840m/s
SERVICE TEMPERATURE (°C)	-54°C/+52°C
MAX DISPERSION	Mean Scattering <200 mm 550 meters away

GENERAL INFORMATION

7.62 mm M80 BALL ammunition produced in Oman Munition Production Company (OMPC) conforms to NATO specification which conform to NATO STANAG 2310 requirement. This ammunition can be fired from all standard 7.62 mm weapons.

TECHNICAL SPECIFICATIONS

	<i>Cartridge</i>	caliber	- 7.62 mm
		total length	- 71,12 -0,76 mm
		waterproofing	- case mouth and case-primer
		are waterproof sealing	sealing
		bullet extraction	->265 N
	<i>Case</i>	material	- brass CuZn30
		length	- 51,18- 0,38mm
	<i>Bullet</i>	type	- FMJ
		weight	- 9.55 -0.1 g
		length	- 28.95 - 1 mm
		material	- jacket - tombac CuZn10 rear core -lead antimony (1-2.5%)
	<i>Propellant</i>	type	- double base, smokeless
		charge	- approx. 2.88 ± 0,01 g
	<i>Primer</i>	type	- Boxer
		property	- percussion, non corrosive, non mercuric

7.62x51mm Tracer



TYPE	M196
CARTRIDGE LENGTH (mm)	71,12
CARTRIDGE WEIGHT (g)	24,4
BULLET DIAMETER (mm)	7,83
BULLET LENGTH (mm)	28,95
BULLET WEIGHT (g/gr)	9,55g/147gr
PERFORMANCE	
VELOCITY (m/s)	815m/s
SERVICE TEMPERATURE (°C)	-54°C/+52°C
MAX DISPERSION	Mean Scattering <200 mm 550 meters away

GENERAL INFORMATION

7.62 x51 mm NATO TRACER M62 ammunition produced in Oman Munition Production Company (OMPC) conforms to NATO specification. This ammunition can be fired from all standard 7.62 mm weapons.

TECHNICAL SPECIFICATIONS

Cartridge



- caliber - 7.62 mm
- total length - 71,12 $\pm 0,76$ mm
- waterproofing - case mouth and case-primer joint are waterproof sealing
- bullet extraction ≥ 265 N

Case

- material - brass CuZn30
- length - 51,18 $\pm 0,38$ mm

Bullet

- type - double base smokeless
- weight - 9.00 ± 0.1 g
- length - 28.95 ± 1 mm
- material - jacket - tombac CuZn10
rear core - lead antimony (1-2.5%)

Propellant

- type - double base, smokeless
- charge - approx. 2.75 $\pm 0,01$ g

Primer

- type - Boxer
- property - percussion, non corrosive, non mercuric



7.62x51mm
(M82)



TYPE	M82
CARTRIDGE LENGTH (mm)	65,5
CARTRIDGE WEIGHT (g)	14,85

PERFORMANCE	-
SERVICE TEMPERATURE (°C)	-32°c/+52°c

.308 Win



TYPE		Ball 168
CARTRIDGE LENGTH (mm)		71
CARTRIDGE WEIGHT (g)		11.4g
BULLET DIAMETER (mm)		7,83
BULLET LENGTH (mm)		28.95
BULLET WEIGHT (gr)		150 gr or 168 gr HPBT
PERFORMANCE		
VELOCITY (m/s)		853 m/s for 150 gr 813 m/s for 168 gr

7.62x51mm

Armor Piercing



TYPE	Armor Piercing NATO
CASE	BRASS
TIP IDENTIFICATION	BLACK
BULLET WEIGHT (g)	9.56
PERFORMANCE	
VELOCITY (m/s)	To obtain the conformity with the reference ammunition.
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	≥ 2756
TERMINAL EFFECT	The bullet core perforates a hard steel plate (450 HB min.), with a thickness of 6mm, placed at 100m from the gun muzzle. At least one splinter perforates a 0,5 mm Aluminum witness plate set at zero degree obliquity positioned 300mm behind the steel plate.

* Production through Partner

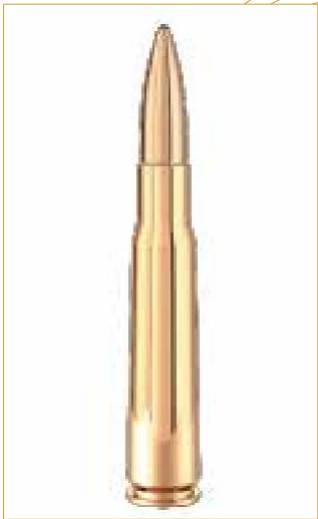
7.62x51mm Armor Piercing



TYPE	Armor Piercing- MIL
CASE	BRASS
TIP IDENTIFICATION	BLACK
BULLET WEIGHT (g)	9.56
PERFORMANCE	
VELOCITY (m/s)	814 - 2671
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	3167
TERMINAL EFFECT	The bullet core perforates a hard steel plate (450 HB min.), with a thickness of 6mm, placed at 100m from the gun muzzle. At least one splinter perforates a 0,5 mm Aluminum witness plate set at zero degree obliquity positioned 300mm behind the steel plate.

* Production through Partner

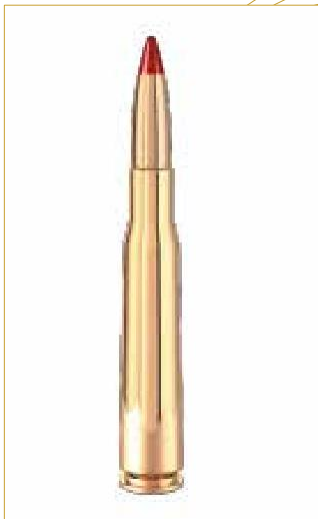
12.7x99mm Ball (M33)



TYPE	Ball M33
CASE	BRASS
TIP IDENTIFICATION	NONE
BULLET WEIGHT (g)	42.48 or 42.05 (ALTERNATIVE)
PERFORMANCE	
VELOCITY (m/s)	To obtain the conformity with the trajectory of the reference ammunition.
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	Not Specified

* Production through Partner

12.7x99mm
Tracer (M17)



TYPE		Tracer M17
CASE		BRASS
TIP IDENTIFICATION		RED
BULLET WEIGHT (g)		40.25 or 39.24 (ALTERNATIVE)
PERFORMANCE		
VELOCITY (m/s)	To obtain the conformity with the trajectory of the reference ammunition.	
SERVICE TEMPERATURE (°C)		-°54c/°+52c
ENERGY @ 24M (J)		Not Specified
TRACE PERFORMANCE	Visible trace (full luminosity) from the gun muzzle from a distance between 200 m to 1500 m (minimum).	

* Production through Partner

12.7x99mm Armor-Piercing(M2)



TYPE	Tracer M17
CASE	BRASS
TIP IDENTIFICATION	BLACK
BULLET WEIGHT (g)	40.25 or 39.24 (ALTERNATIVE)
PERFORMANCE	
VELOCITY (m/s)	856 -2808
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	16523
TERMINAL EFFECT	The bullet core perforate a armour plate of SAE 1040 or 1045 steel (321 HB - 375 HB), with a thinckness of 22mm (7/8»), placed at 91 m from the gun muzzle. At least one splinter perforate a 1,5 mm mild steel witness plate set at zero degree obliquity positioned 500mm behind the armour plate.

* Production through Partner

12.7x99mm Armor-Piercing AP-T



TYPE		Tracer M17
CASE		BRASS
TIP IDENTIFICATION		RED & BLACK
BULLET WEIGHT (g)		40.13
PERFORMANCE		
VELOCITY (m/s)		856 -2808
SERVICE TEMPERATURE (°C)		-°54c/°+52c
ENERGY @ 24M (J)		16523
TERMINAL EFFECT	The bulet core perforate a armour plate of SAE 1040 or 1045 steel (321 HB - 375 HB), with a thinckness of 22mm (7/8»), placed at 100m from the gun muzzle. At least one splinter perforate a 1,5 mm mild steel witness plate set at zero degree obliquity positioned 500mm behind the armour plate.	
	Visible trace (full luminosity) from the gun muzzle from a distance between 200 m to 1000 m (minimum).	

* Production through Partner

12.7x99mm (M20) Armor-Piercing Tracer



TYPE	Tracer M17
CASE	BRASS
TIP IDENTIFICATION	RED AND ALUMINUM
BULLET WEIGHT (g)	40.45 or 39.7 (ALTERNATIVE)
PERFORMANCE	
VELOCITY (m/s)	856 -2808
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	16523
INCENDIARY EFFECT	The incendiary composition of bullets produce an incandescent flash when fired against a 2,5 mm low carbon steel plate placed at 450m from the gun muzzle. The flash is sufficiently intense and sustained to ignite a cloth curtain, soaked with kerosene or other flammable liquid having a flash point not less than 38°C (100°F), placed at the distance of 20 to 50 cm behind the last screen.
TERMINAL EFFECT	Visible trace (full luminosity) from the gun muzzle from a distance between 200 m to 1000 m (minimum).

* Production through Partner

12.7x99mm Blank



TYPE	
CARTRIDGE LENGTH (MM)	98.9
CARTRIDGE WEIGHT (G)	59.8

12.7x99mm

Limited Range



TYPE	LR
CASE	BRASS
TIP IDENTIFICATION	NONE
BULLET WEIGHT (g)	44.57
PERFORMANCE	
VELOCITY (m/s)	To obtain the conformity with the trajectory of the reference ammunition.
SERVICE TEMPERATURE (°C)	-°54c/°+52c
ENERGY @ 24M (J)	Not specified
TERMINAL EFFECT	aximum range of 3.500m

* Production through Partner

12.7x99mm Limited Range Tracer



TYPE		LR Tracer
CASE		BRASS
TIP IDENTIFICATION		RED
BULLET WEIGHT (g)		42.52
PERFORMANCE		
VELOCITY (m/s)	To obtain the conformity with the trajectory of the reference ammunition.	
SERVICE TEMPERATURE (°C)		-°54c/°+52c
ENERGY @ 24M (J)		Not Specified
TERMINAL EFFECT		aximum range of 3.500m
TRACE PERFORMANCE	Visible trace (full luminosity) from the gun muzzle from a distance between 200 m to 1500 m (minimum).	

* Production through Partner

CS TEAR GAS HAND GRENADE

CS Tear Gas Emission



TYPE	CCS-48C
TYPE	COMBUSTION / CS SMOKE
EMISSION POINT	1 PORT ON BOTTOM
BODY MATERIAL	Aluminum
DIAMETER	Ø48 ± 2 mm
OVERALL HEIGHT	134 ± 5 mm
OVERALL WEIGHT	290 ± 10 g
CS CONCENTRATION	25%
FUZE TYPE	M201A1 Type
DELAY TIME	0.7 ~ 2 sec (Adjustable)
EMISSION TIME	35 ± 5 sec

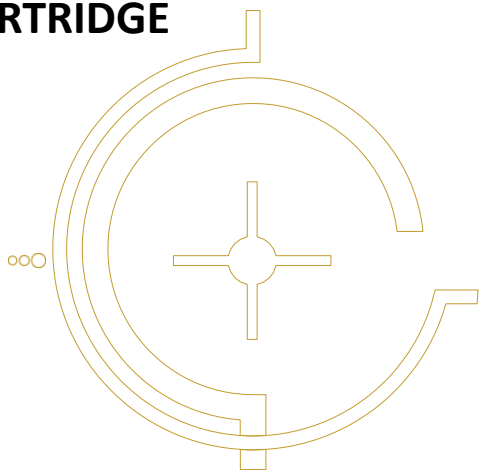
SMOKE GRENADES

Single Purpose Color Smoke



TYPE	CCS-48A
TYPE	COMBUSTION
EMISSION POINT	1 PORT ON BOTTOM
BODY MATERIAL	Aluminum
DIAMETER	Ø48 ± 2 mm
OVERALL HEIGHT	134 ± 5 mm
OVERALL WEIGHT	290 ± 10 g
FUZE TYPE	KM201A1 Type
DELAY TIME	0.7 ~ 2 sec (Adjustable)
EMISSION TIME	40 ± 10 sec

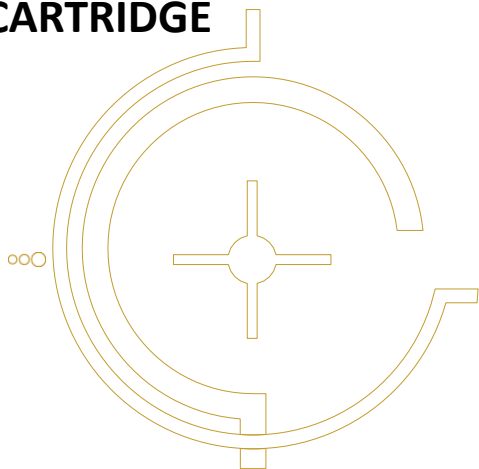
37/38mm
RUBBER BALL CARTRIDGE



MODEL NO	CTR 3B ~ CTR 62B
MATERIAL / OUTER	Plastic
OVERALL LENGTH	120mm
OUTER DIAMETER	37/38mm
OVERALL WEIGHT	100g (3B : 128g / 28B : 118g / 62B : 126g)
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers
NO OF RUBBER BALLS	3Batons ~ 62 Balls (By request)
MAXIMUM RANGE	50 meter
EFFECTIVE RANGE	15 meter
WATERPROOF	Lacquer Coated Primer & Sealed Top-

* Production through Partner

37/38mm
RUBBER BATON CARTRIDGE

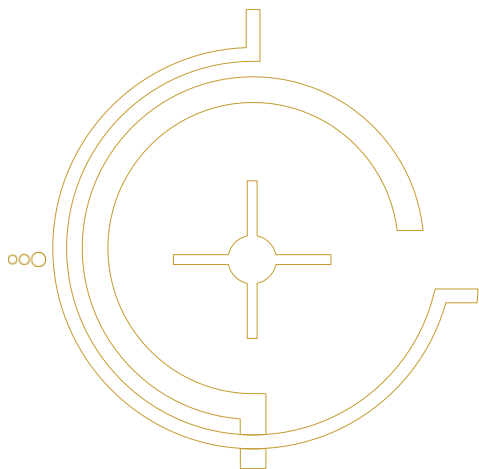


MODEL NO	CTR 1B
MATERIAL / OUTER	Plastic
MATERIAL / INNER	Rubber Baton
OVERALL LENGTH	60mm
OUTER DIAMETER	37/38mm
OVERALL WEIGHT	64g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers
NO OF RUBBER BALLS	1 Baton
MAXIMUM RANGE	50 meter
EFFECTIVE RANGE	15 meter

* Production through Partner

40mm RUBBER FOAM IMPACT

Spin Stabilizing



MODEL NO	CTI 40
DIAMETER	40mm
OVERALL LENGTH	100mm
OVERALL WEIGHT	82g
PROJECTILE WEIGHT	50g
MATERIAL / OGIVE	Silicone Rubber
MATERIAL / FILLER	Polyurethane Foam
MATERIAL / SKIRT	Engineering Plastic (with Rotating Band)
EFFECTIVE RANGE	20m
COMPATIBILITY	By M79, M203 (40mm Rifled Barrel)
MUZZLE VELOCITY	max 85m/sec (@6.1m)

* Production through Partner

37/38mm

SMOKE CARTRIDGE

Color Smoke Emission



MODEL NO	CCS-40A-38TP
TYPE	COMBUSTION/ COLOR SMOKE
MATERIALAL / OUTER	Aluminum
MATERIALAL / INNER	Aluminum
OVERALL LENGTH	120 mm
OUTER DIAMETER	37/38 mm
OVERALL WEIGHT	210 ± 10 g (White Smoke 280 ± 10g)
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers (Smooth bore & Rifled one)
SMOKE COLOR	Yellow, Red, Orange, Purple, Green, Blue, White
EMISSION TIME	25 ± 5 sec
DELAY TIME	2 ~ 3 sec (Adjustable)
OPERATING TEMP	-20 ~ +50 °c
EFFECTIVE RANGE	120 ~ 160m
WATERPROOF	Lacquer Coated Primer & Sealed Top

37/38mm

CS TEAR GAS CARTRIDGE

CS Tear Gas Emission



	CCS-40C-38
MATERIALAL / OUTER	Aluminum
MATERIALAL / INNER	Aluminum
OVERALL LENGTH	120 ± 2 mm
OUTER DIAMETER	37/38 mm
OVERALL WEIGHT	210 ± 10 g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers (Smooth bore & Rifled one)
CS CONCENTRATION	25 ± 5% (Adjustable by requests)
EMISSION TIME	35 ± 5 sec (max) (Adjustable by requests)
DELAY TIME	2 ~ 3 sec (Adjustable)

38mm

CS POWDER CARTRIDGE

CS Powder Scattering



	CCS-40CP
MATERIALAL / OUTER	Aluminum
MATERIALAL / INNER	Plastic
OVERALL LENGTH	120 ± 2 mm
OUTER DIAMETER	37/38 mm
OVERALL WEIGHT	210 ± 10 g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers (Smooth bore & Rifled one)
CS CONCENTRATION	10 ± 5%
EMISSION TIME	35 ± 5 sec (max) (Adjustable by requests)
DELAY TIME	2 ~ 3 sec (Adjustable)

37/38mm CS TEAR GAS CARTRIDGE 3 Sub-munition CS Tear Gas Emission



	CMC-03
MATERIALAL / OUTER	Aluminum
MATERIALAL / INNER	Aluminum
OVERALL LENGTH	120 ± 2 mm
OUTER DIAMETER	37/38 mm
OVERALL WEIGHT	180± 10 g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers (Smooth bore & Rifled one)
CS CONCENTRATION	25 ± 5%
EMISSION TIME	10± 5 sec (max) (Adjustable by requests)
DELAY TIME	2 ~ 3 sec (Adjustable)

37/38mm CS TEAR GAS CARTRIDGE 5 Sub-munition CS Tear Gas Emission



	CMC-03
MATERIALAL / OUTER	Aluminum
MATERIALAL / INNER	Aluminum
OVERALL LENGTH	142 ± 2 mm
OUTER DIAMETER	37/38 mm
OVERALL WEIGHT	220± 10 g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers (Smooth bore & Rifled one)
CS CONCENTRATION	25 ± 5%
EMISSION TIME	10± 5 sec (max) (Adjustable by requests)
DELAY TIME	2 ~ 3 sec (Adjustable)

CS TEAR GAS HAND GRENADE

CS Tear Gas Emission



MODEL NO	CCS-60C
TYPE	COMBUSTION / CS SMOKE
EMISSION POINT	Random movement
BODY MATERIAL	Within 1~10 meter radius
DIAMETER	On the hard soil ground & asphalt ground
OVERALL HEIGHT	Bottom & Side (2 ports)
OVERALL WEIGHT	Plastic
CS CONCENTRATION	Aluminum Cartridge
FUZE TYPE	Ø65 x 125mm
DELAY TIME	340 ± 10 g
EMISSION TIME	25 ± 5% (Adjustable by requests)

* Production through Partner

38/40mm

AIR BURSTING CARTRIDGE

Air Bursting / Flash Bang

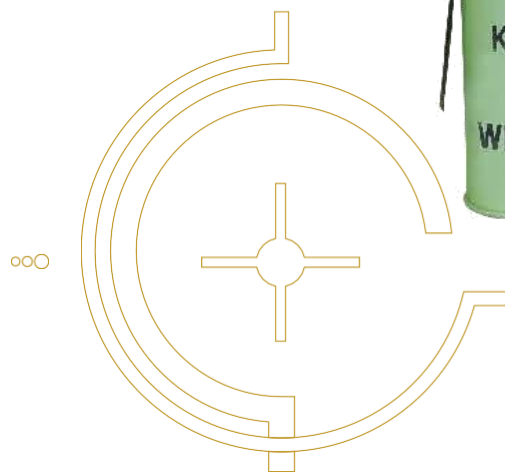


MODEL NO	CCS-40T (A)	CCS-40B (C)
MATERIAL / OUTER	Plastic	Plastic
MATERIAL / INNER	Plastic	Plastic
OVERALL LENGTH	125mm	125mm
OUTER DIAMETER	37/38 mm	37/38 mm
OVERALL WEIGHT	100g	100g
COMPATIBILITY	37/38mm Anti-riot Launchers 40mm Grenade Launchers	37/38mm Anti-riot Launchers 40mm Grenade Launchers
OPTIONAL EFFECT	Barite powder	CS Chemical Powder Color Powder
SOUND LEVEL	160dB at 5 feet	160dB at 5 feet
DELAY TIME	2 ~ 3 sec (Adjustable)	2 ~ 3 sec (Adjustable)

* Production through Partner

SMOKE GRENADES

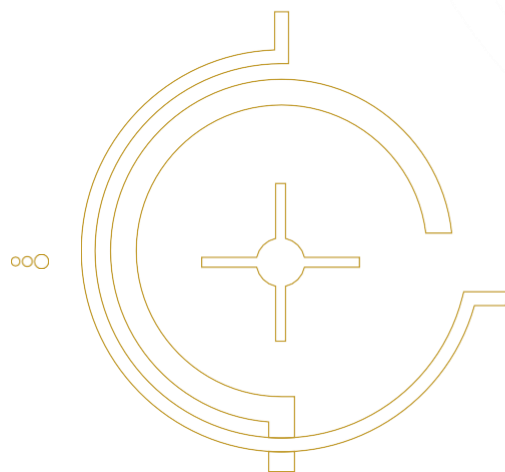
Signal Purpose Color Smoke



MODEL NO	KM 18	KM 8
TYPE	Combustion/ Color Smoke	Combustion/ White Smoke
MATERIAL / BODY	Sheet Metal	Sheet Metal
MATERIAL / FUZE	KM201A1	KM201A1
OVERALL LENGTH	145mm	145mm
OUTER DIAMETER	63 mm	63 mm
OVERALL WEIGHT	450g	680g
DELAY TIME	0.7 ~ 2 sec	0.7 ~ 2 sec
EMISSION TIME	50 ~ 90 sec	105 ~ 150 sec
COLOR	Violet, Red, Green, Yellow, Blue, Orange	White

FLASH BANG

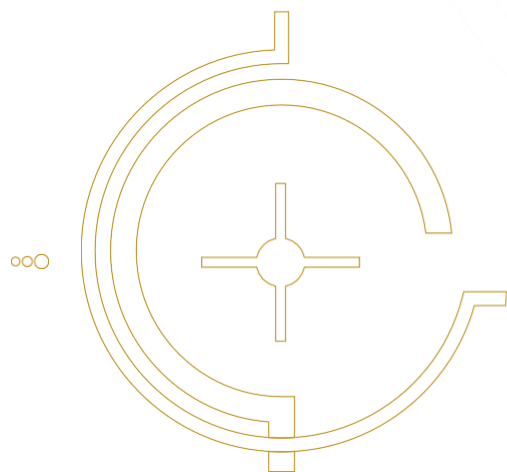
Sound & Flash Hand Grenade



MODEL NO	CSB-1B	CSB-3B
TYPE	One (1) Sound	Three (3) Sound
MATERIAL/BODY	Aluminum	Aluminum
SAFETY	Double Safety Lock / Safety Clip & Safety Pin	
OVERALL LENGTH	128mm	136mm
OUTER DIAMETER	45mm	48mm
OVERALL WEIGHT	340g	465g
SOUND EFFECT	170 +/- 10dB at Five(5) feet	
DELAY TIME	1.5 ~ 3 sec (Adjustable)	
FLASH LIGHT	5 million CP	

FLASH BANG

Sound & Flash Hand Grenade



	MODEL NO	CSB-7B	CSB-9B
TYPE		Seven (7) Sound	Nine (9) Sound
MATERIAL/BODY		Aluminum	Aluminum
SAFETY		Double Safety Lock / Safety Clip & Safety Pin	
OVERALL LENGTH		140mm	140mm
OUTER DIAMETER		50mm	50mm
OVERALL WEIGHT		520g	490g
SOUND EFFECT		170 +/- 10dB at Five(5) feet	
DELAY TIME		1.5 ~ 3 sec (Adjustable)	
FLASH LIGHT		1.5 million CP	

* Production through Partner

CS TEAR GAS HAND GRENADE

3 Pot, CS Tear Gas Emission

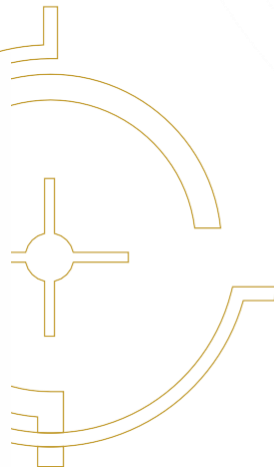


MODEL NO	CCS-60C
TYPE	COMBUSTION / CS SMOKE
EMISSION POINT	3 Sub-munitions, Separate on discharge
BODY MATERIAL	4 on top & 1 on bottom per sub-munitions
DIAMETER	Aluminum
OVERALL HEIGHT	Ø60 x 160mm
OVERALL WEIGHT	485 ± 15 g
CS CONCENTRATION	200 ± 15 g
FUZE TYPE	M201A1 Type
DELAY TIME	1 ~ 3 sec (Adjustable)
EMISSION TIME	20 ± 5 sec

* Production through Partner

CS TEAR GAS HAND GRENADE

4 Pot, CS Tear Gas Emission



MODEL NO	CCS-60C
TYPE	COMBUSTION / CS SMOKE
EMISSION POINT	Combustion / CS Smoke
BODY MATERIAL	4 Sub-munitions, Separate on discharge
DIAMETER	4 on top & 1 on bottom per sub-munitions
OVERALL HEIGHT	Aluminum
OVERALL WEIGHT	Ø60 x 160mm
CS CONCENTRATION	515 ± 15 g
FUZE TYPE	210 ± 15 g
DELAY TIME	M201A1 Type
EMISSION TIME	1 ~ 3 sec (Adjustable)

* Production through Partner

40mm Practice Grenade



CTS-40
Practice
Smoke & Sound



CTD-40
Practice
Smoke only



CTM-40
Practice
Target Marker

WEAPON IN USE	M203, M79, H&K69, K201	M203, M79, H&K69, K201	M203, M79, H&K69, K201
LENGTH / DIAMETER	100mm/40mm	100mm/40mm	100mm/40mm
WEIGHT	215 g	215 g	210 g
MATERIAL	Aluminum Skirt Plastic Ogive	Aluminum Skirt Plastic Ogive	Aluminum Skirt Plastic Ogive
COLOR	Blue with Black marking	Blue with Black marking	Yellow with Black marking
SAFETY DEVICE	Centrifugal type	None	Centrifugal type
CARTRIDGE CASE	CN40	CN40	CN40
PROPELLANT	M9, 385mg	M9, 385mg	M9, 375mg
PRIMER	Percussion	Percussion	Percussion
RANGE	max 400m	max 400m	max 400m
EFFECTIVE RANGE	375m	375m	375m
MUZZLE VELOCITY	75.3 ±2 mps	75.3 ±2 mps	75.3 ±2 mps
SOUND LEVEL	80dB at 50m	None	None
SMOKE	Yellow, Visible at 200m	Ivory, Visible at 200m	Orange, Smoke 20 sec (min)
TEMP / FIRING	-21°C ~ 41°C	-21°C ~ 41°C	-21°C ~ 41°C
TEMP / STORAGE	-21°C ~ 41°C	-21°C ~ 41°C	-21°C ~ 41°C

* Production through Partner

Eco-Friendly Practice Hand Grenade



K 417
Complying K413

CN 69
Complying
M67

MODEL NO	K 417 Complying K413	CN 69 Complying M67
LENGTH / DIAMETER	K 417 Complying K413	89mm /64mm
WEIGHT	260g	397g
MATERIAL	4 ~ 5 sec Yellow, Red, White	4 ~ 5 sec Yellow,Red,White
COLOR	Over 100dB at 1m	Over 100dB at 1m
SAFETY DEVICE	Bio-degradable Plastic or ABS	ABS

FIELD SAFETY TEST



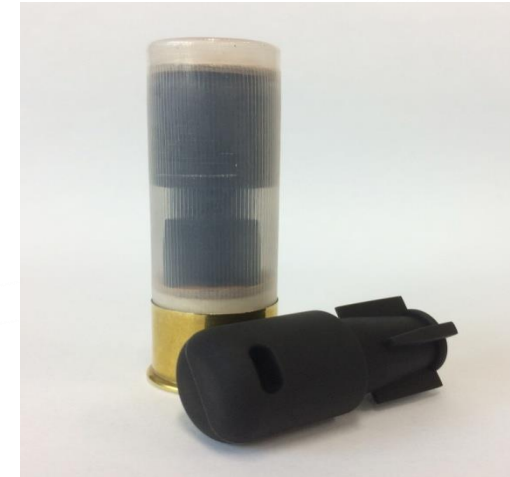
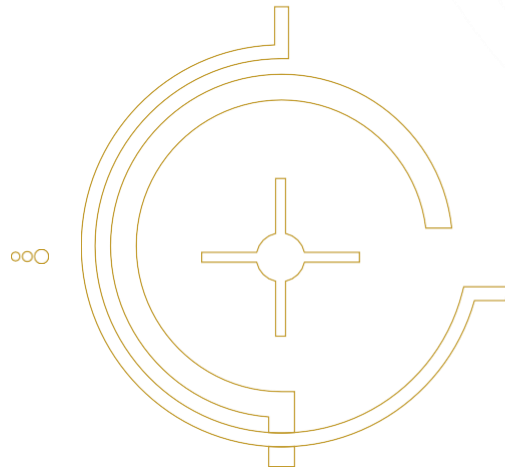
Owing to its clay bomb body and plastic fuze head, it shows great safety during training. Its fragmentation and flames from explosion do not cause any injury or hurt, even very close explosion from the thrower.

* Production through Partner

12GAUGE

RUBBER IMPACT

FINNED RUBBER PROJECTILE



MODEL NO	CTR-12G
CALIBER	12 Gauge
OVERALL LENGTH	Uncrimped 70mm (23/4") Crimped 64.0mm
OVERALL WEIGHT	19.0g
CARTRIDGE CASE	Clear Plastic with Metal Head
PROJECTILE	Finned (Silicon) Rubber
PROJECTILE SIZE	Diameter : 18mm Length : 39.0mm Weight : 9.0grams
VELOCITY	100 ~ 200 m /s (Adjustable on request)
EFFECTIVE RANGE	20 meter

* Production through Partner

Packing



All packages are supplied with standard marking.

- Bullet type
- Number of rounds
- External packing
- Internal packing
- Nature of packing
- Gross weight

Packaging may be customized upon customer request

5.56x45mm

20 rounds packed in a carton, gathered inside a plastic grid. 40 cartons (800 rounds) packed in a steel box M2A1 outer packing.

Net Weight : 11Kg

Gross Weight : 13.5Kg

7.62x51mm

20 rounds packed in a carton, or 250-200 rounds gathered in M19A1 type link (depends on customer preference).

Net Weight : (depends on quantity)

Gross Weight : (depends on quantity)

9x19mm

50 rounds packed in a carton, gathered inside a plastic grid. 20 cartons (1000 rounds) packed in a steel box M2A1 outer packing.

Net Weight : 11Kg

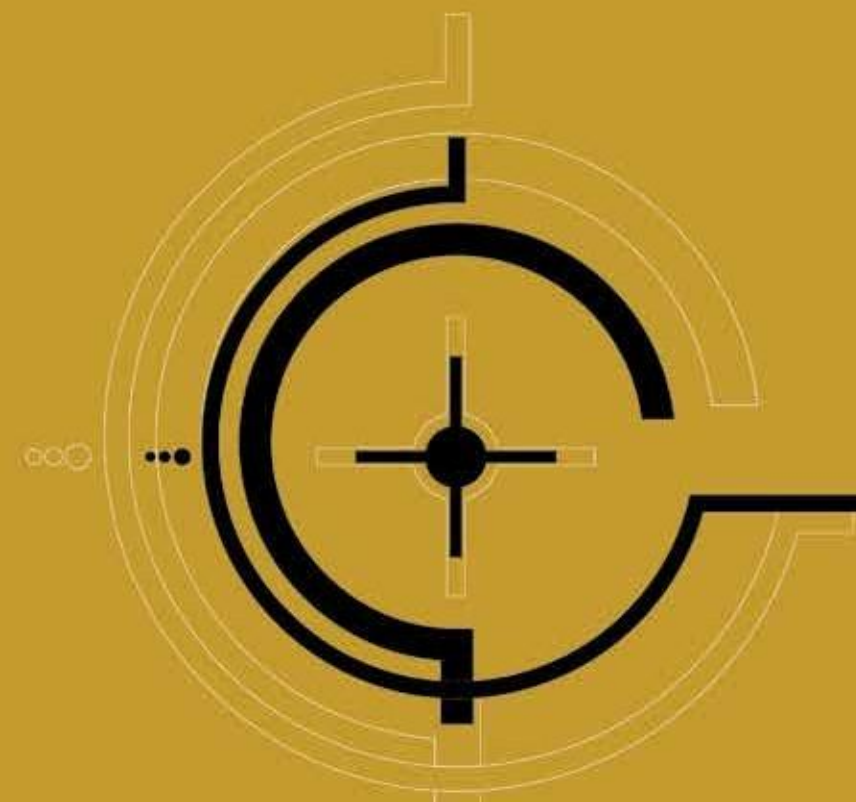
Gross Weight : 16.5Kg

ISO Standards

- Quality Certificate 9001:2015
- Environment Certificate 14001:2015
- OHSAS Certificate 18001:2007







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