

M781 | 40mm Training

UDC USA, Inc., located in Florida and Missouri, has produced the M781 for the U.S. Army, US Marines, and various domestic and State Department approved customers.

CALIBER: 40x46mm Low Velocity

CARTRIDGE: M781, 40mm Low Velocity Practice Round with Signal Dye

FUNCTION: The M781 is a 40mm LV training round designed to be a ballistic match to the M433 HE/HEDP round. This training round displays a cloud of orange signal dye to simulate target impact. The M781 is also referred to as 40mm Chalk Round.

APPEARANCE: M212 cartridge case, zinc projectile body, blue polymer windshield

WEAPON SYSTEM: M203, M320, M79, Milkor MGL and more

VELOCITY: 247 +/- 7 fps (75.3mps) with standard deviation under 4.5 fps

PRIME: .38 blank

SHIPPING: 1.4C UN0012 or 1.4G UN0362 (Commercial)

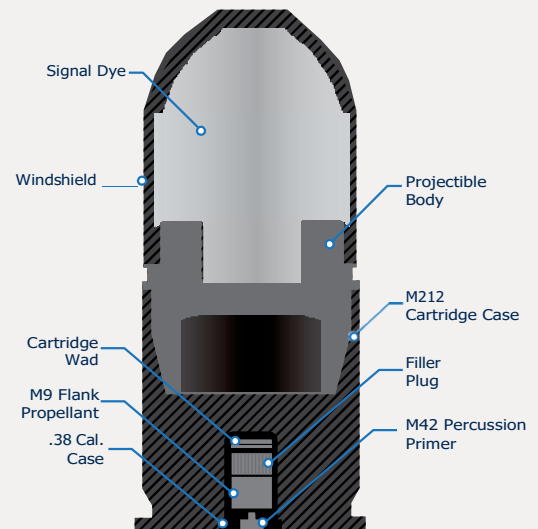
DODIC: B519

PART NUMBER: 932240

PACKAGING: 25 rds/Box, 1 Box/Barrier Bag, 4 Box/Wood Crate



40mm M781 Practice



12.7x99 (.50 cal) M33/M17 4:1

UDC located in Florida and Missouri, manufactures .50 caliber variants for commercial, government, and law enforcement customers.

CALIBER: Caliber .50 BMG (12.7x99mm)

CARTRIDGE: M33 Ball/ M17 Trace Linked

FUNCTION: Training or duty. Traceto 1460 meters

BULLET WT. (GRAINS): M33 2.8 g/660 gr FMJ BT

BULLET EXTRACTION: Minimum of 90 Kg (200 lbs.)

TIP ID: M33-None, M17-Red

CASE: Brass

PRIMER: Boxer, M50, Non-Corrosive

VELOCITY: 855 +/- 9 m/s (24 m from muzzle) @ 21 +/- 2 C or 2905 +/- 30 ft/s (78 ft from muzzle) @ 70 +/- 2 F

ACCURACY: Average Mean Radii Maximum: 30.5 cm @ 548 m (12 in @ 600 yds)

CHAMBER PRESSURE: Maximum: 448 Mpa @ 21 C (65,000 psi @ 70 F)

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: 100rds 4:1 Linked/M2A1, 200rds/WoodCrate, 9,600rds/Pallet



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-DTL-10190F/1318D
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7553097
- Drawing: 7672165

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

12.7x99(.50Cal)M33Match

UDC USA, Inc., located in Florida and Missouri, produces ammunition for all branches of the US Military, USSOCOM, Civilian market and State Department approved customers.

CALIBER: .50 BMG (12.7x99mm)

CARTRIDGE: M33 Match

BULLET WT. (GRAINS): 660 gr FMJ

BULLET EXTRACTION: Minimum of 90 Kg (200 lbs.)

TIP ID: None

PRIMER: Boxer, 50M, Non-Corrosive

VELOCITY: avg 2905 ± 30 fps at 78 feet; SD ≤ 36 fps

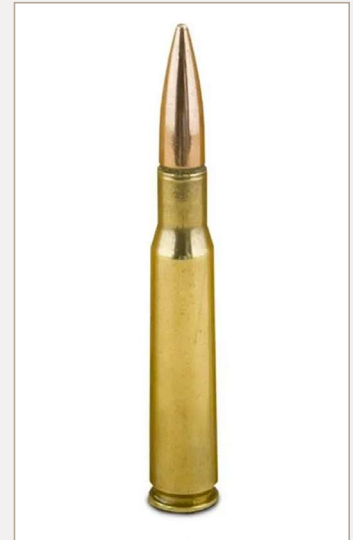
ACCURACY: Average Mean Radii Maximum: 30.5 cm @ 548 m (12 in @ 600 yds.), objective 6 in @ 600 yds.

CHAMBER PRESSURE: avg ≤ 65 Kpsi @ 70 F

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: 120rds/M2A1 can, 240rds/Wood Crate, 11,520rds/Pallet, 3900 lbs./Pallet, Pallet 40x48in.

OPTION: Linked



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-DTL-1019F
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7553097

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

9mm M917A1 Dummy Drill Inert Cartridge

UDC USA, Inc., located in Florida and Missouri, produces ammunition for all branches of the US Military, USSOCOM, Civilian market and State Department approved customers.

CALIBER: 9x19mm Parabellum

CARTRIDGE: M917A1 Dummy, Drill Inert (DDI)

FUNCTION: The M917A1 is an inert training and practice aid for weapon system training and setup. The 9mm dummy is also used in the course of maintenance and repairs.

APPEARANCE: Nickle plated, drilled body, outer neck cannellure, no primer, no flash hole

CARTRIDGEWT.(GRAINS): 175+20grains

BULLET EXTRACTION: 100 lbs min

PRIMER: None

VELOCITY: Not Applicable

PACKAGING: 50 rds/Box, Bulk

OPTIONS: Undrilled body



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-DTL-3498
- MIL-STD-636
- MIL-STD-1916
- Drawing: 13023602

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

20MM M51A4N Dummy Cartridges

UDC USA, Inc., located in Florida and Missouri, produces ammunition for all branches of the US Military, USSOCOM, Civilian market and State Department approved customers.

CALIBER: 20x102mm

CARTRIDGE: 20mm M51A4N Dummy Cartridge with Mk 7 Mod 1 link

FUNCTION: The M51A4N Dummy is an inert training and practice aid for weapon system setup and prove out. The 20mm dummy is also used for weapon maintenance and repairs.

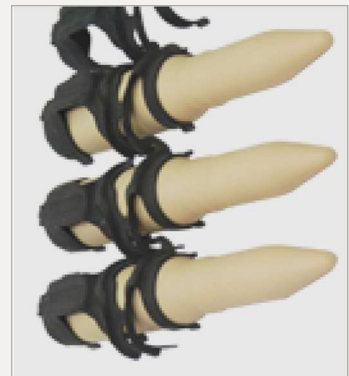
APPEARANCE: Nylon fiberglass reinforced, 1 piece body with steel core and rim.

WEAPON SYSTEM: 61 Vulcan

DODIC/NSN: AA20/1305-01-448-9275

PART NUMBER/DWG: 014489275/12982885/8563566

PACKAGING: 100 linked rds/M548 US MIL SPEC



106mm Recoilless M346A1 HEP-T Cartridge

UDC manufactures the 106mm family of ammunition according to the US Army Technical Data Package and US Military Specification.

CALIBER: 106mm

CARTRIDGE: M346A1 High Explosive, Plastic - Trace

FUNCTION: High explosive dual capability cartridge effective against both soft and armored targets. The warhead deforms against hard targets, then detonates causing the targets armor to spall.

APPEARANCE: Steel perforated case, steel alloy green projectile marked with black band, copper rotating band
WEAPON SYSTEM: M40 106mm Recoilless Rifle (M40A1)

WEAPON SYSTEM: M40 106mm Recoilless Rifle (M40A1)

WARHEAD: 7.7 lb. Comp A3, steel, M91A2 Fuze

CARTRIDGE WEIGHT: 38 lb.

VELOCITY: 1635 FPS

MAXIMUM RANGE: 6,870 meters

PRIMER: M57 Bayonet

OPERATING RANGE: -40 F to 125 F

PACKAGING: 1 rd/Container, 2 Containers/Crate.



300 AAC Blackout

UDC located in Florida and Missouri, manufactures bespoke 300 AAC Blackout for commercial, government, and law enforcement customers.

CALIBER: 7.62x35mm

CARTRIDGE: 300 AAC Blackout

FUNCTION: Low recoil, noise, and muzzle flash. 300 AAC Blackout provides versatile .30 caliber performance in a 223 package. Effective engagement on point targets out to 400 meters in unsuppressed weapon platforms, and increased lethality and low signature in suppressed platforms for confined environments.

BULLET WEIGHT (GRAINS): 168gr supersonic, 190gr to 220gr subsonic,

TIP ID: Projectile variants available to customer specification

CASE: Brass

PRIMER: Boxer, Small Rifle, Non-Corrosive

OPERATING TEMP: -54C to +52C **SHIPPING:** 1.4S, UN0012

SHIPPING: 1.4S, UN0012

WATERTIGHTNESS: Mouth and primer sealed exceeding NATO specifications

PACKAGING: 20 rds/Box, Bulk Pack of 250/500/1000, US MIL-SPEC available



PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

300 Norma Magnum

UDC USA, Inc. manufactures the XM1163 for USSOCOM under US Army contract W15QKN-20-F-0027.

CARTRIDGE: 300 Norma Magnum XM1163

FUNCTION: Sniper and Marksman

APPEARANCE: Brass case (70/30), FMJ projectile (90/10) with lead core.

BULLET WT. (GRAINS): 215 gr. Berger Hybrid, Jacketed

BULLET EXTRACTION: Minimum of 30 lbs.

TIP ID: None

CASE: Brass

PRIMER: Boxer, Large Magnum Rifle, Non-Corrosive

VELOCITY: Muzzle 3,000 fps +/- 50 fps at 15 feet

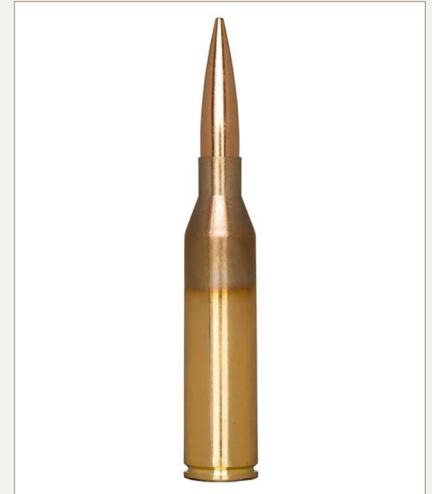
ACCURACY: Extreme Spread: 1 MOA, 5 shot string fix mount barrel.

CHAMBER PRESSURE: Maximum: 72,000 psi @ 70 F

OPERATING TEMP: -40 C to 52 C (-40 F to 125 F)

SHIPPING: 1.4S, UN0012, Cartridges, Small Arms

PACKAGING: 10 rds/Box, 220rds/M2A1, 440rds/Wood Crate, 21,120rds/Pallet, 2971 lbs/Pallet, Pallet 44x52in.



PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

338 Lapua (8.6x70)

UDC USA, Inc. manufactures small and medium caliber ammunition for all branches of the US Military, USSOCOM, the Civilian market and State Department approved customers.

CALIBER: 8.6x70mm

CARTRIDGE: .338 Lapua Magnum

FUNCTION: Training or duty. Standard FMJ Boat Tail Hollow Point.

APPEARANCE: Brass Case 70/30); FMJ Copper projectile (90/10) with lead core.

BULLET WT. (GRAINS): 300 gr. Sierra Match King

BULLET EXTRACTION: Minimum of 130 lbs.

TIP ID: None

CASE: Brass

PRIMER: Boxer, Large Rifle Magnum, Non-Corrosive

VELOCITY FPS: Muzzle 2,710 fps +/- 30 fps

ACCURACY: Average Mean Radii Maximum: 1 MOA, 10 shot string fix mount barrel.

CHAMBER PRESSURE: Maximum: 60,000 psi @ 70 F

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: 20 rds/Box, Bulk



PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

Let UDC's Ballisticians create a custom cartridge to your weapon and target set

338 Norma Magnum AP

UDC USA, Inc. manufactures the XM1162 for USSOCOM under US Army contract W15QKN-20-F-0027.

CARTRIDGE: 338 Norma Magnum Armor Piercing XM1162

FUNCTION: Sniper and Marksman

BULLET WT. (GRAINS): 300 gr. Lapua Armor Piercing, Jacketed

BULLET EXTRACTION: Minimum of 45 lbs.

TIP ID: Grey

CASE: Brass

PRIMER: Boxer, Large Magnum Rifle, Non-Corrosive

VELOCITY: Muzzle 2,700 fps +/- 50 fps at 15 feet

ACCURACY: Extreme Spread: 1 MOA, 5 shot string fix mount barrel.

CHAMBER PRESSURE: Maximum: 72,000 psi @ 70 F

OPERATING TEMP: -40 C to 52 C (-40 F to 125 F)

SHIPPING: 1.4S, UN0012, Cartridges, Small Arms

PACKAGING: 10 rd box, 220rds/M2A1, 440rds/Wood Crate, 21,120rds/Pallet, 2971 lbs/Pallet, Pallet 44x52in.



PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

12.7x99 (.50 Cal) M2A1 Dummy Cartridge

UDC manufactures small and medium caliber ammunition for all branches of the US Military, USSOCOM, the Civilian market and State Department approved customers.

CALIBER: .50 BMG (12.7x99mm)

CARTRIDGE: M2A1 Dummy, Drill Inert (DDI), Solid Aluminum

FUNCTION: The M2A1 is an inert cartridge used general familiarization with ammunition and associated weapon systems, initial training, and weapon system cycling

APPEARANCE: Cartridge body has 6 flutes for identification purposes, silver in color with option of color anodize

CARTRIDGE WT. (GRAINS): 880-1100 grains

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: Bulk-120rds/M2A1, 240rds/Wood Crate, 11,520rds/Pallet, Pallet 40x48in. Linked-100rds/M2A1, 200rds/Wood Crate, 9,600rds/Pallet, Pallet 40x48 in.

OPTIONS: MIL-Spec or Commercial



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-PRF-32609
- MIL-STD-636
- MIL-STD-1916
- Drawing: 13068238

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

12.7x99 (.50 Cal) M8 API

UDC manufactures small and medium caliber ammunition for all branches of the US Military, USSOCOM, the Civilian market and State Department approved customers.

CALIBER: .50 BMG (12.7x99mm)

CARTRIDGE: M8 Armor Piercing Incendiary

FUNCTION: Battle carry

BULLET WT. (GRAINS): 662.5gr API

BULLET EXTRACTION: Minimum of 90 Kg (200 lbs)

TIP ID: Grey

CASE: Brass

PRIMER: Boxer, 50M, Non-Corrosive **ARMOR PENETRATION:** 7/8" at 100 yards (2.2cm at 91m)

ARMOR PENETRATION: 7/8" at 100 yards (2.2cm at 91m)

VELOCITY: avg 2905 ± 30 fps at 78 feet; SD ≤ 36 fps

ACCURACY: Average Mean Radii Maximum: 30.5 cm @ 548 m (12 in @ 600 yds)

CHAMBER PRESSURE: avg ≤ 65 Kpsi @ 70 F

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: 120rds/M2A1, 240rds/Wood Crate, 11,520/Pallet, 40x48in. 3900 lbs/1769 kg per Pallet.



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-DTL-3066
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7670228

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

12.7x99(.50 Cal)M20APIT

UDC manufactures small and medium caliber ammunition for all branches of the US Military, USSOCOM, the Civilian market and State Department approved customers.

CALIBER: .50 BMG (12.7x99mm)

CARTRIDGE: M20 Armor Piercing Incendiary - Trace

FUNCTION: Battle Carry. Trace to 1600 yards

BULLETWT.(GRAINS): 619gr APIT

BULLET EXTRACTION: Minimum of 90 Kg. (200 lbs.)

TIP ID: Grey/Red

CASE: Brass PRIMER: Boxer, 7645339(50M), MIL-P-46610, wt 19.1 grains approx., Non-Corrosive

PENETRATION: 7/8" armor (MIL-S-13812) at 100 yards

VELOCITY: Avg 2905 ± 30 fps at 78 feet; SD ≤ 36 fps

ACCURACY: Average Mean Radii Maximum: 30.5 cm @ 548 m (12 in @ 600 yds.)

CHAMBER PRESSURE: Average (60,500 psi @ 70 F)

OPERATING TEMP: -54 C to 52 C (-65 F to 125 F)

PACKAGING: 120rds/M2A1, 240rds/Wood Crate, 11,520rds/Pallet, 3,900 lbs/Pallet, Pallet 40x48in.

OPTION: Linked



MANUFACTURED TO U.S. MILITARY

Specifications:

- MIL-DTL-3066
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7670228

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

300 Norma Magnum

UDC USA, Inc. manufactures the XM1163 for USSOCOM under US Army contract W15QKN-20-F-0027.

CARTRIDGE: 300 Norma Magnum XM1163

FUNCTION: Sniper and Marksman

APPEARANCE: Brass case (70/30), FMJ projectile (90/10) with lead core.

BULLET WT. (GRAINS): 215 gr Berger Hybrid, Jacketed

BULLET EXTRACTION: Minimum of 30 lbs.

TIP ID: None

CASE: Brass

PRIMER: Boxer, Large Magnum Rifle, Non-Corrosive

VELOCITY: Muzzle 3,000 fps +/- 50 fps at 15 feet

ACCURACY: Extreme Spread: 1 MOA, 5 shot string fix mount barrel.

CHAMBER PRESSURE: Maximum: 72,000 psi @ 70 F

OPERATING TEMP: -40 C to 52 C (-40 F to 125 F)

SHIPPING: 1.4S, UN0012, Cartridges, Small Arms

PACKAGING: 10 rds/Box, 220rds/M2A1, 440rds/Wood Crate, 21,120rds/Pallet, 2971 lbs/Pallet, Pallet 44x52in.



PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: UDC manufacturer symbol and year of manufacture.

M81 Igniter

UDC USA, Inc. produces the M81 Igniter for the U.S. Army, Marines, and Department of Commerce approved International customers. UDC is the only active producer of the M81 Igniter in the world.

NAME: M81, Igniter Time Blasting Fuze

FUNCTION: M81 Igniter is designed to work with M700 Time Fuze or Shock Tube to create an explosive train for mines, demolitions or training activities. To ignite, remove the safety pin and then pull the ring. This creates spring tension and when released the firing pin will strike will set off the primer. The primer then ignites the shock tube which is secured in the end of the igniter. A blasting cap is crimped onto the far end of the shock tube and placed into the explosive or mine to be initiated.

APPEARANCE: Olive Drab polymer tube with shipping plug and weatherproofing plug on one end. Cotter pin and pull ring on the other end.

SHIPPING: 1.4 S, UN0131

US MIL SPEC: 6 pack- M81 Igniters per 6" x 5" x 1.5" Set-Up Box sealed in a barrier bag. 60 Set-Up Boxes/Wood Box. M2A2 ammo can shipping configuration available. NSN 1375-01-415-1235

COMMERCIAL: 5 pack - M81 Igniters per 6" x 5" x 1.5" Set-Up Box sealed in a barrier bag. 60 Set-Up Boxes/Wood Box.



M433 & M433I

UDC USA Inc. located in Florida and Missouri provides the 40mm High Explosive Dual Purpose Cartridge for branches of the US Military, USSOCOM and other State Department approved customers.

CALIBER: 40x46mm Low Velocity

CARTRIDGE: M433 & M433I

FUNCTION: This cartridge is a dual purpose impact type round which is designed to penetrate at least two inches of steel armor at 0 angle of obliquity and inflict personnel casualties in the target area.

APPEARANCE: The M433 & M433I are fixed cartridge rounds of ammunition consisting of a projectile body containing the explosive shape charge, a cartridge case assembly and a PIBD fuze. The explosive main charge is Composition A-5. The PIBD fuze is assembled with a Composition CH-6 spit-back assembly that provides the base detonation at the target

WEAPON SYSTEM: 40mm Grenade Launchers M79, M203, M320.

WEIGHT/LENGTH: .507lbs/ 4.05in

PACKAGING: 25 rds/Box, 1 Box/Barrier Bag (optional), 4 Boxes/Wood Crate

