

30MM x 173

Ammunition Suite for MK44 Cannon

MUNITIONS | MEDIUM CALIBER

OVERVIEW

General Dynamics Ordnance and Tactical Systems has been producing 30mm ammunition for over 40 years. Our experience in design, development and manufacturing of these cartridges establishes General Dynamics as a globally recognized supplier of high quality ammunition.



MK239 TP-T

The MK239 is a low cost training ammunition, ballistically matched with the MK264.



MK264* MPLD-T

The MK264 provides for light armor piercing capability with a delayed explosive reaction using a chemical fuze. It is available with and without SD.



PGU-15A/B TP

The PGU-15A/B is a low cost training round ballistically matched with the PGU-13D/B.



PGU-13D/B HEI

The PGU-13D/B uses the M505 fuze, providing a high expolosive round that has been used by the U.S. Air Force extensively.

GENERAL DYNAMICS
Ordnance and Tactical Systems

Nammo

** MK264 is produced in collaboration with Nammo*

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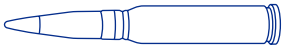
The 30mm MK264 MP-T/SD provides several advantages over the 30mm x 173 MK266 HEI-T, including armor penetration, lower drag, better terminal performance, and an increase in accuracy of approximately 50%. The MK264 is much more versatile when firing against structures, such as vehicles, boats, etc. Finally, its selfdestruct fuze adds a level of safety not provided with the 30mm x 173 MK266 HEI-T.



MK239 TARGET PRACTICE TRACER



MK264* MULTIPURPOSE LOW DRAG-TRACER



PGU-15A/B TARGET PRACTICE



PGU-13D/B HIGH EXPLOSIVE INCENDIARY

Caliber	30mm x 173mm	30mm x 173mm	30mm x 173mm	30mm x 173mm
Type	TP-T	MPLD-T Incendiary	TP	HEI
Cartridge Length	290mm	290mm	290mm	290mm
Cartidge Weight	670g	835g	670g	670g
Projectile Weight	365g	363g	363g	363g
Propellant Weight	153g	150g	147g	147g
Case Length	173mm	173mm	173mm	173mm
Case Material	Aluminum	Aluminum	Aluminum	Aluminum
Primer	M36A2 Percussion	M36A2 Percussion	M36A2 Percussion	M36A2 Percussion
Fuze	N/A	Chemical	N/A	M505
Muzzle Velocity (typical)	1080 m/sec	1070 m/sec	1020 m/sec	1020 m/sec
Chamber Pressure	345 MPa	345 MPa	375 MPa	375 MPa
Dispersion	0.5 Milliradians	0.5 Milliradians	0.6 x 0.6	0.6 x 0.6
Rate of Fare	100/200 rounds/minute	100/200 rounds/minute	4,200 rounds/min (variable)	4,200 rounds/min (variable)
Effective Firing Range (naval)	5,100m	5,100m	1,220m	1,220m
Applicable to use in weapons	MK44	MK44	GAU-8 & MK44	GAU-8 & MK44
Packing	Per U.S. Government Approved TDP	Per U.S. Government Approved TDP	Per U.S. Government Approved TDP	Per U.S. Government Approved TDP
Can	Metal - M592	Metal - M592	Metal - M592	Metal - M592
Rounds/Can	30 rounds/can	30 rounds/can	30 rounds/can	30 rounds/can
Cans/Pallet	24 cans/pallet	24 cans/pallet	24 cans/pallet	24 cans/pallet
Pallets/Container**	13 pallets/container	13 pallets/container	13 pallets/container	13 pallets/container
Manufacturing Year	New Production	New Production	New Production	New Production

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*** Limited by the maximum weight allowable for the container ~38,000lbs. Each pallet weights ~4,002 lbs.*

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