



G28

**DESIGNATED MARKSMAN RIFLE
CAL. 7.62 MM X 51 NATO**

G28 | FAR MORE THAN JUST ANOTHER RIFLE WITH A SCOPE

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The G28 is a military version of the civilian semi automatic competition rifle MR308. Deployed in the established 7.62 x 51 calibre, the “Designated Marksman Rifle” (DMR) ensures accuracy of 1.5 MOA whilst enabling a full night fighting capability. Providing a maximum effective range and a high first round hit probability up to 600 meters, the G28 will also allow suppressive fire against man size targets accurately up to 800 meters.

With its green/brown (RAL8000) tone, the G28 offers a camouflage colour scheme that is being accepted around the world. An additional conversion kit supports user and mission specific requirements where the G28 can be configured to a Patrol version and be used as a Assault rifle.



BASIC DATA



FEATURES

- GUARANTEED ACCURACY OF 1.5 MOA (< 45 MM) WITH 10 ROUNDS OF ACCURACY AMMUNITION
- SAFETY MAY BE APPLIED IN ALL HAMMER POSITIONS
- FIRING PIN/DROP SAFETY (NO PRIMER MARK/FIRING OUT OF BATTERY)
- WITHSTANDS BARREL OBSTRUCTION TEST TO NATO-AC225/D14 STANDARDS WHILST USING NATO AMMUNITION AB22 (FMJ)
- TELESCOPIC BUTTSTOCK WITH ADJUSTABLE CHEEK REST. BOTH ITEMS MAY BE OPERATED INDEPENDENTLY
- TOOL FREE GAS REGULATOR FOR SUPPRESSOR USE
- NEW NATO-STANAG 4694 MOUTING RAILS (COMPATIBLE WITH MIL-STD-1913 PICATINNY RAILS)
- COMPATIBLE WITH ESTABLISHED NATO AND SELECT ACCURACY AMMUNITION
- 75% PARTS INTERCHANGEABILITY WITH THE HK417
- FULL DAY AND NIGHT FIGHTING CAPABILITY (NIGHT VISION/THERMAL)
- “OVER THE BEACH (OTB)” CAPABILITY
- OVERALL G28 WEAPON SYSTEM (INCL. ACCESSORIES) HAS BEEN OFFICIALLY PROVEN BY THE GERMAN ARMY (BUNDESWEHR)



| | G28 E2 “STANDARD” | G28 E3 “PATROL” |
|------------------------|---|---|
| Calibre | 7.62 mm x 51 NATO | |
| Operating principle | Gas operated | |
| Bolt System | Rotating bolt | |
| Magazine capacity | 10 20 rounds | |
| Mode of fire | 0-1 (Semi-auto) | |
| DIMENSIONS | | |
| Length min. max. | ca. 965 1082 mm | ca. 965 1082 mm |
| Width | ca. 78 mm | ca. 78 mm |
| Height ¹ | ca. 340 mm | ca. 280 mm |
| Barrel length | ca. 421 mm | ca. 421 mm |
| Sight radius | ca. 494 mm | ca. 494 mm |
| WEIGHT | | |
| Weapon ² | ca. 5.80 kg | ca. 5.15 kg |
| Magazine, empty | ca. 0.10 kg 0.15 kg | ca. 0.10 kg 0.15 kg |
| Magazine, loaded | ca. 0.35 kg 0.70 kg | ca. 0.35 kg 0.70 kg |
| Telescopic sight | ca. 1.25 kg ³ | ca. 1.05 kg ⁴ |
| OTHER DATA | | |
| Trigger pull | ca. 25 - 32 N (av. ca. 27 N) | ca. 25 - 32 N (av. ca. 27 N) |
| Muzzle velocity -v0- | ca. 780 m/s | ca. 780 m/s |
| Muzzle energy -E0- | ca. 3000 J (NATO AB22) | ca. 3000 J (NATO AB22) |
| Barrel profile Twist | NATO STANAG 2310, Groove/land, 4 grooves 305 mm (12“) | NATO STANAG 2310, Groove/land, 4 grooves 305 mm (12“) |
| Telescopic sight | HK-Schmidt & Bender 3-20 x 50-G28 | HK-Schmidt & Bender 1-8 x 24-G28 |
| Red dot sight | Aimpoint Micro T1 | |
| Night vision sight | Qioptiq Merlin Long Range | |
| Thermal sight | L3-Insight CNVD-T3 | |
| Laser light module | Rheinmetall Soldier Electronics LLM01 | |
| Laser range finder | Jenoptik HLR15 | |

¹ With telescopic sight 3-20 x 50-G28 and Aimpoint red dot sight | ² Without magazine and Telescopic sight | ³ Telescopic sight G28 “Standard”, red dot sight, mount plus two Picatinny top rails | ⁴ Telescopic sight G28 “Patrol”, mount plus two Picatinny top rails

SUBJECT TO MODIFICATION

FEATURES, DETAILS, ERGONOMICS

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G28 E2 “STANDARD” CONFIGURATION

The G28 was designed as a semi-automatic accuracy rifle for use as Squad/Platoon DMR. The G28 can be deployed with a sniper team or squad to augment bolt action rifles and provide increased firepower.

01 BUTTSTOCK. Telescopic buttstock and adjustable cheek rest. Fitted with a slip resistant butt pad.

02 CHARGING HANDLE. Centrally located for ambidextrous operation.

03 AIMPOINT-MICRO T1. Red dot sight for CQB and aiming aid for high powered scope.

04 SCOPE MOUNT. For tube diameter of 34 mm. Pre-elevation 25 MOA.

05 TELESCOPIC SIGHT. HK-Schmidt & Bender 3-20 x 50-G28 with baffle filter, DMR-reticle, reticle illumination, laser filter L4 (EN 207) and parallax compensation.

06 BAFFLE FILTER. To prevent light reflection. Removable, for use with optronic devices such as night vision or thermal imager.

07 HANDGUARD. Long version with STANAG 4694 rails and integrated folding front sight.

08 RAIL COVER. For STANAG 4694 rail profiles.

09 HARRIS BIPOD.

10 LASER LIGHT MODULE LLM01.

11 VERTICAL FORE GRIP. With integrated switch LLM01

12 POLYMER MAGAZINE. Available with a capacity of 10 or 20 rounds.

13 TRIGGER GUARD. Optimised for operation with gloves.

ACCURACY PERFORMANCE

Guaranteed accuracy of the G28 according to HK Technical Terms of Delivery.

Ammunition type **Accuracy rounds
OTM/HPBT/Sierra
Match King**

No. of rounds **10**

Range **100 m**

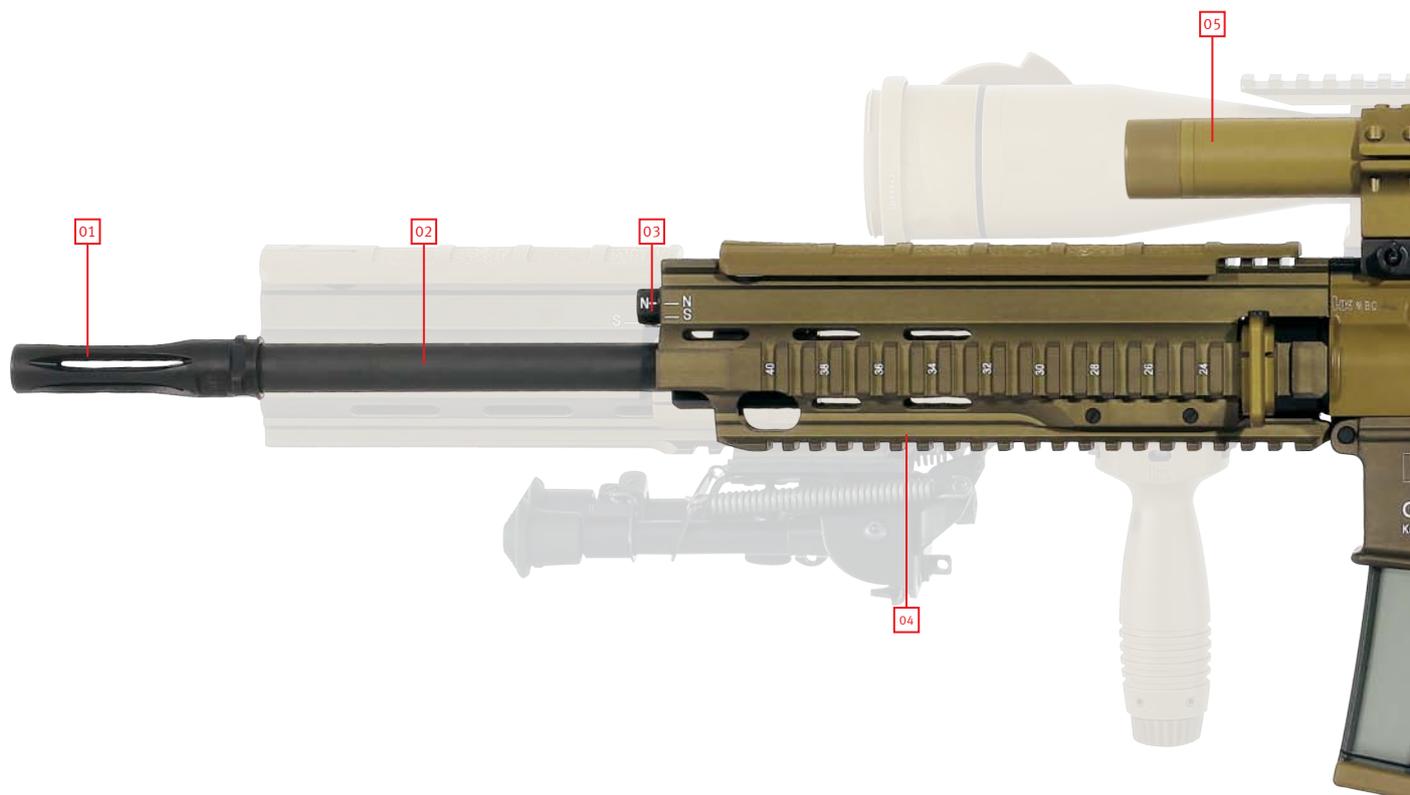
Measuring method **Bullet hole centre to
bullet hole centre**

Max. dispersion **1,5 MOA (< 45 mm)**



FEATURES, DETAILS, ERGONOMICS

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G28 E3 “PATROL” CONFIGURATION

The G28 can be re-configured to the “Patrol” variant using a tactical add-on kit. This reduces overall system weight and offers greater manoeuvrability for operational specific tasks.

01 ACCURACY FLASH HIDER. With suppressor interface for tool free attachment.

02 BARREL. Cold hammer forged, chrome lined.

03 TWO STAGE GAS REGULATOR. Tool free for suppressor use (settings “N” = normal and “S” = suppressed).

04 HANDGUARD. Short version with STANAG 4694 rails and integrated folding front sight.

05 TELESCOPIC SIGHT. HK-Schmidt & Bender 1-8 x 24-G28 with baffle filter, DMR-reticle, reticle illumination, laser filter L4 (EN 207), parallax-compensation and integrated red dot for CQB.

06 SCOPE MOUNT. For tube diameter of 30 mm. Pre-elevation 10 MOA.

07 EMERGENCY FLIP UP DIOPTR. Height-adjustable.

08 BUTTSTOCK. Length-adjustable.

09 PISTOL GRIP. With textured surface and straight grip angle for a safe and comfortable grip.

10 SAFETY/FIRE SELECTOR LEVER. Ambidextrous operation.

11 BOLT CATCH LEVER. Optimised for operation with gloves.

