

Machine Gun

HK - MG43



Caliber 5.56 mm x 45

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102.000 ROUNDS:

- 1 MG43
- 2 Barrels
- 4 Gunners
- 6 Days



- L Technical Data
- L Main Design Features
- L Trial (Yuma, Arizona)
- L Trial (HK Oberndorf)
- L Trial (Norway)
- L Summary

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Technical Data

Operation principle

Gas operated weapon
with rotating bolt head

Weight

< 6.5 kg (< 14.32 lbs)

Dimensions

Total Length

buttstock open

1050 mm (41 inch)

buttstock folded

810 mm (32 inch)

Width

90 mm (3.5 inch)

Total height

250 mm (9.8 inch)

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Other Data

Rate of Fire

approx. 800 rounds / min

Firing modes

full automatic

Feed

from NATO-standard linked ammunition

Transport

2 step-pawl-operated

Charging

right side folding charging handle

Ejection of spent cases

downwards / deflected to the left or right side

Barrel

quick change barrel

Carrying handle

is used for changing barrels

Bipod

integrated into handguard

Interface

for US-ground mount M2

Sight

Iron sight up to 1000 m

Sight mount

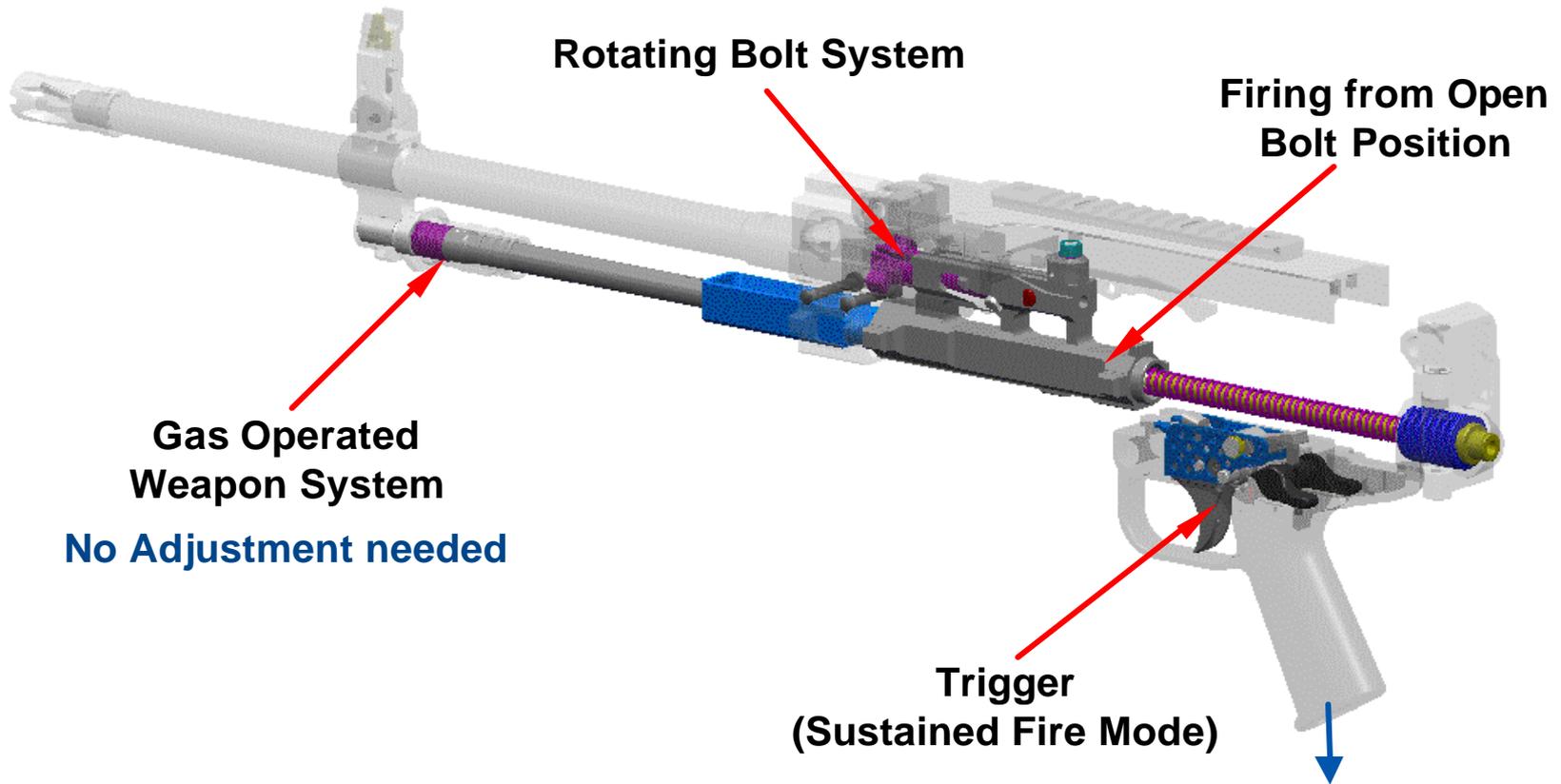
Picatinny Rail MIL Std.1913 for optical sight systems

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Main Features - Functional Mode

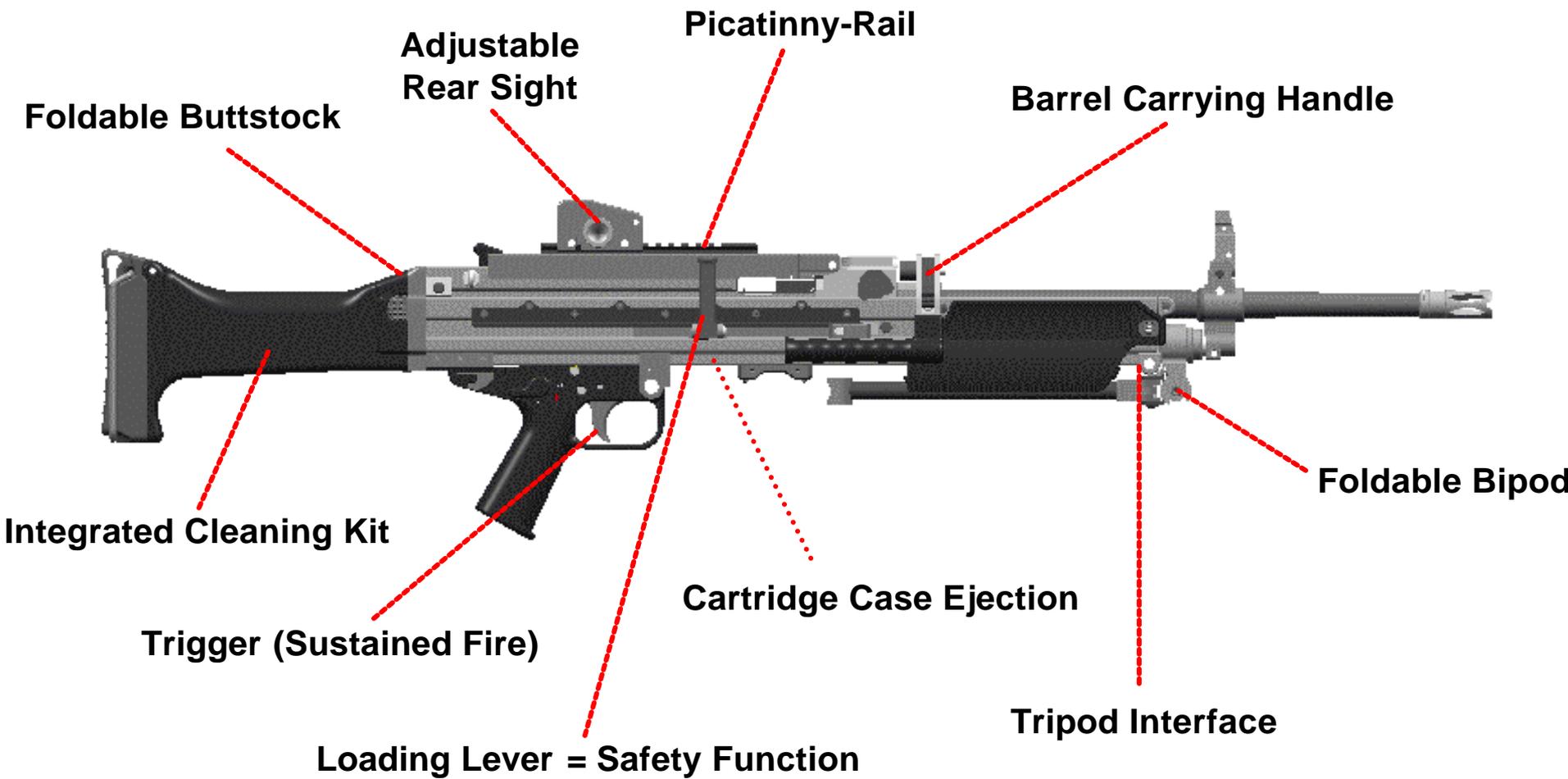


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Main Features - Handling

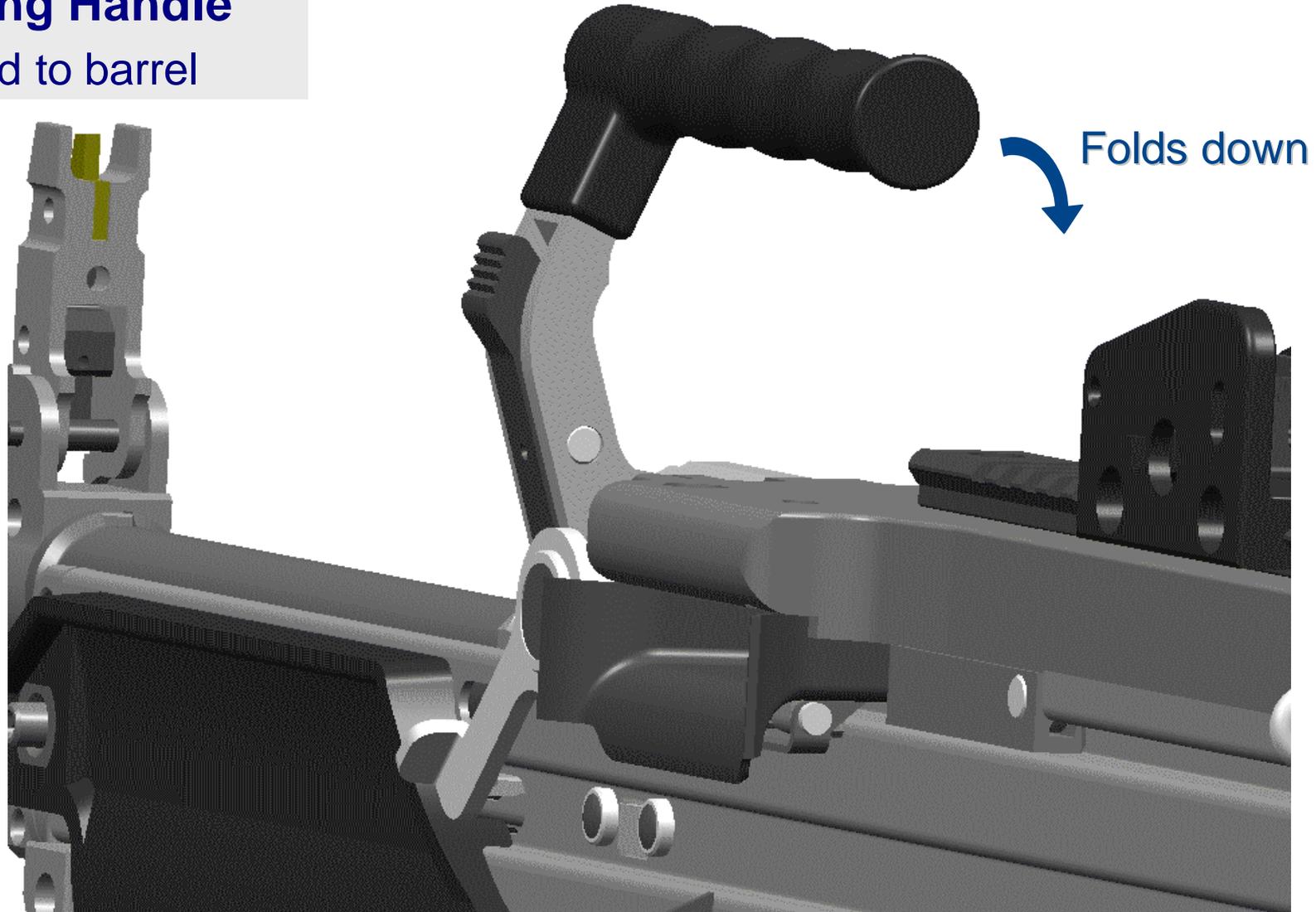


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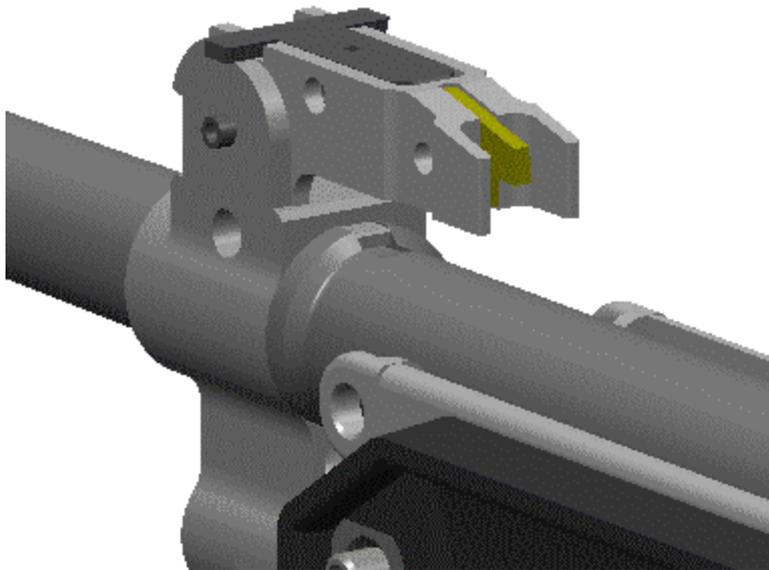


Carrying Handle
attached to barrel

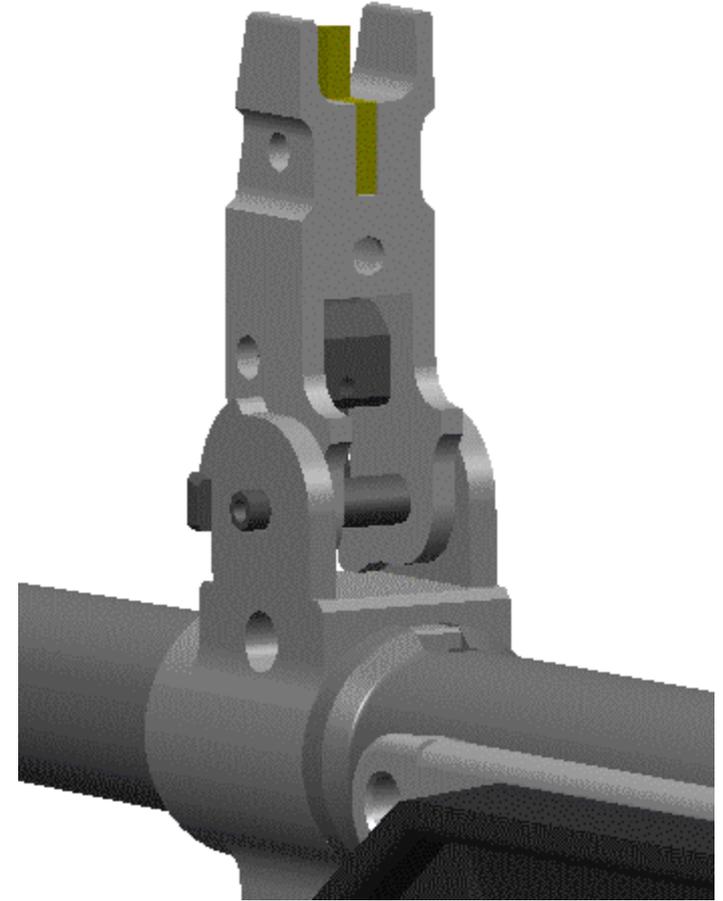


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Front Sight, folded



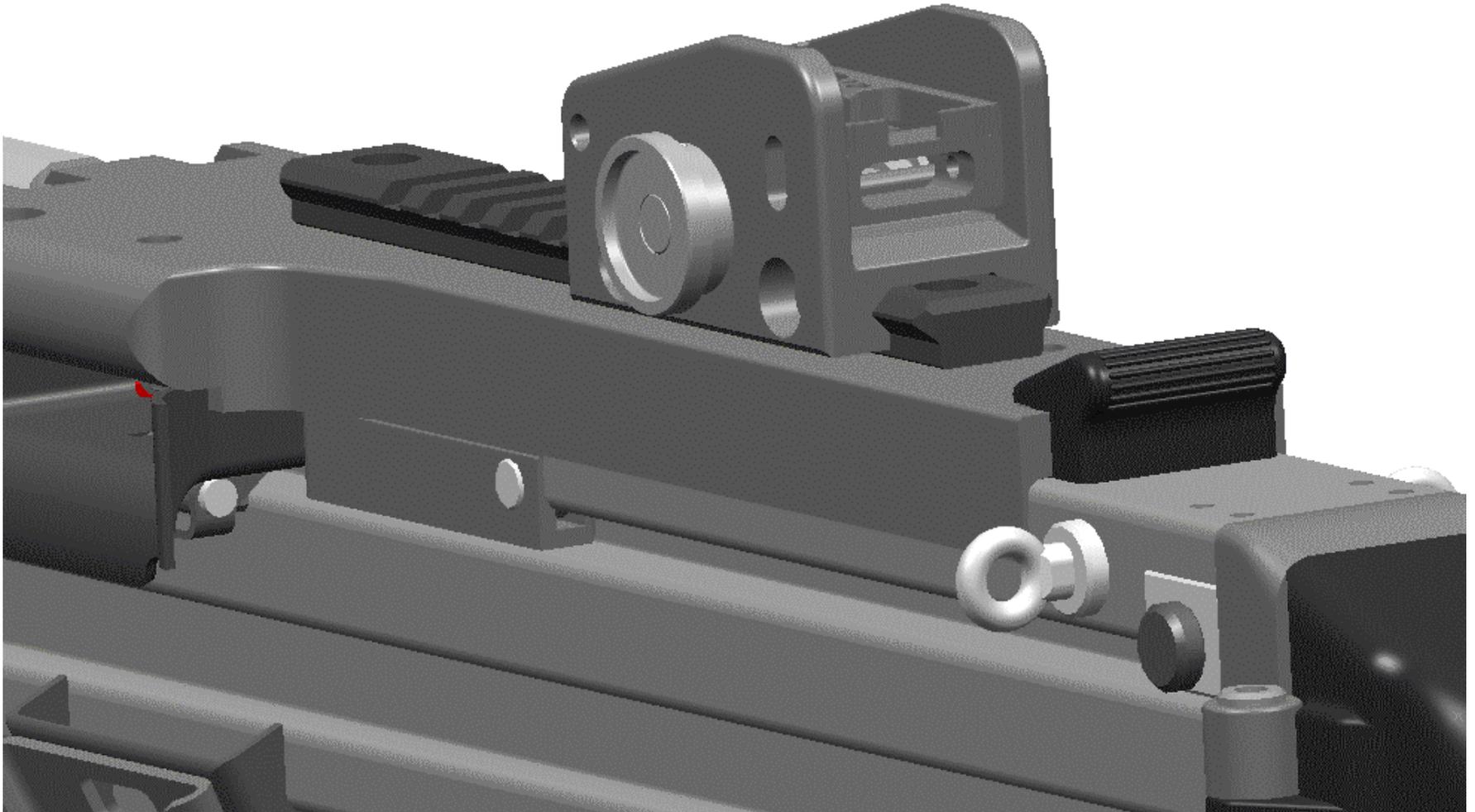
Front Sight, open

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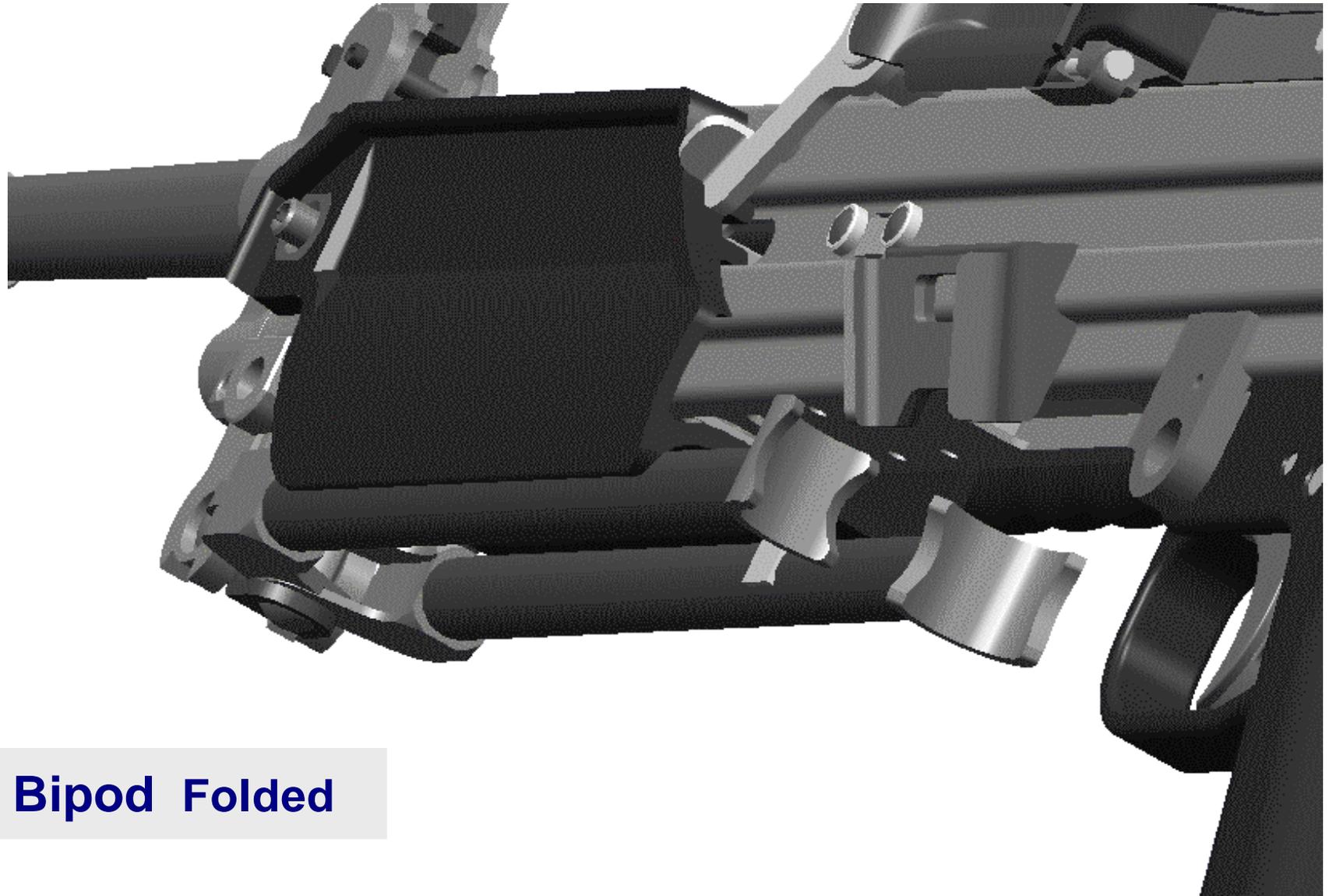


Adjustable Rear Sight



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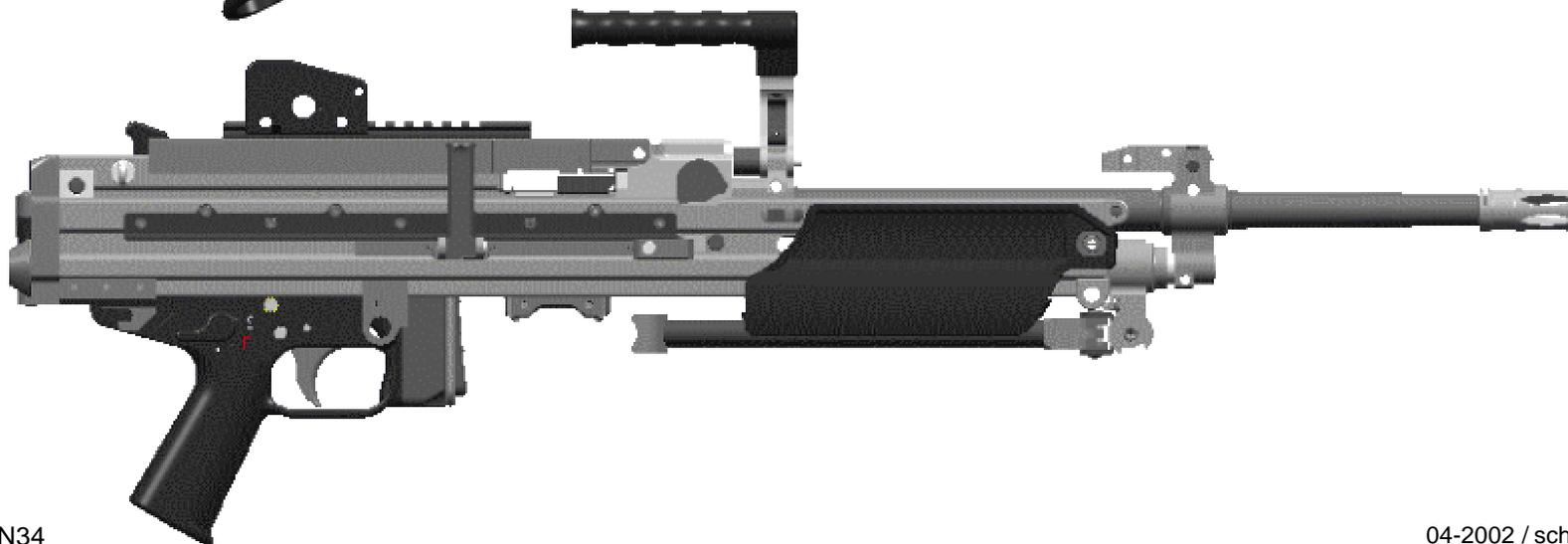
Bipod Folded

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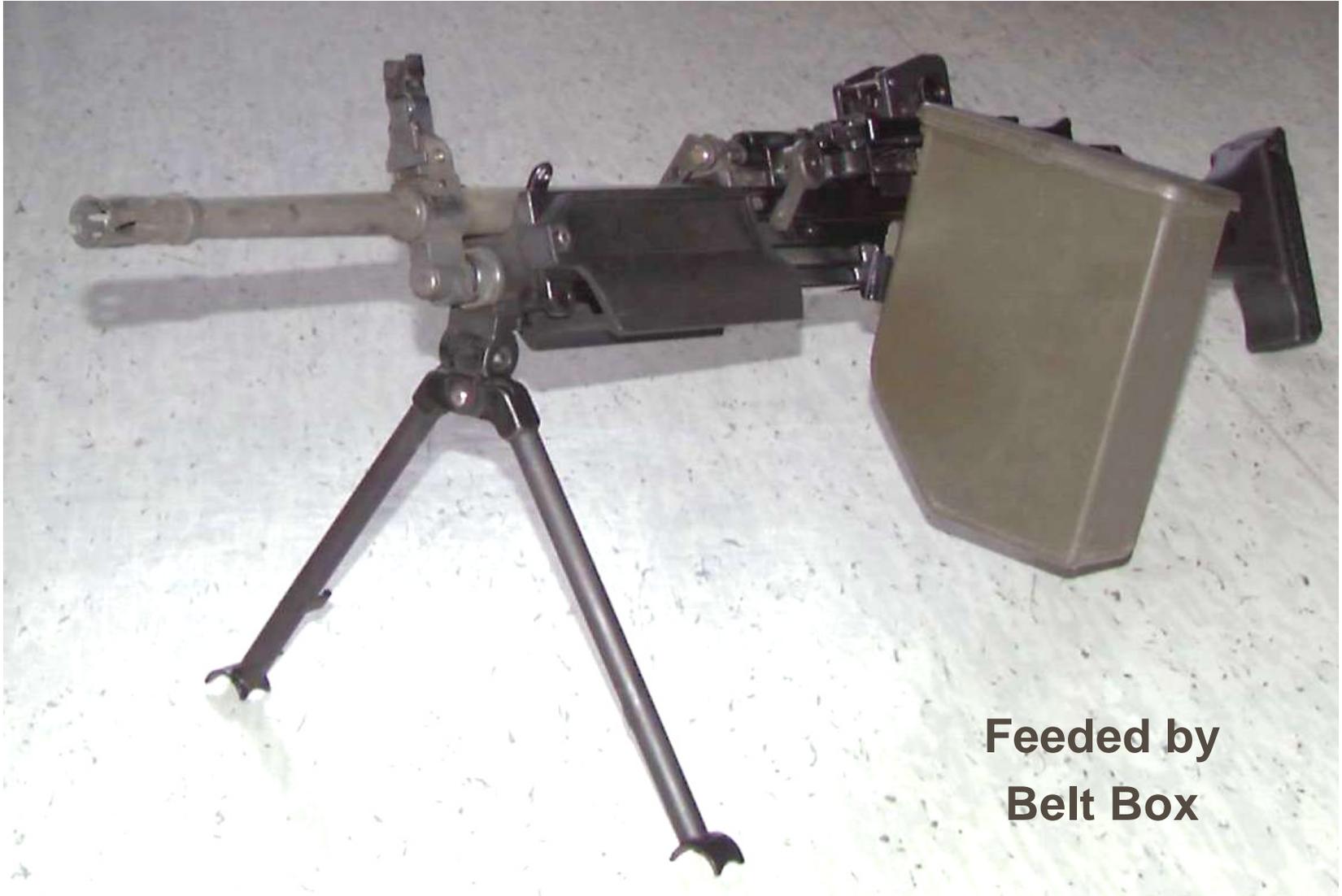


Buttstock Folded



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**Fedded by
Belt Box**

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Attached Brass and Link Catch

⇒ for Aircraft and Vehicle Use

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Mud - Test



Ergonomics

Yuma, Arizona / USA
August 2001



Sand - Test



Endurance Trial
102.000 Rounds Fired

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Endurance Trial over 100.000 rounds in YUMA, Arizona and Germany, HKO



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Summary

- 7 Max Safety For User
- 7 High Functional Safety
 - ™ Reliability
 - ™ Durability
 - ™ Robust System
- 7 Compact Design
- 7 Effective Firing Performance
- 7 Simple and Flexible Handling
- 7 Ergonomics

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Summary

Extension of the MG - Variants

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Cal. 7.62 mm x 51

No Compromise!