Magnesit Heads
LGA* Test Design

System 1: approx. 7.8 kg; Nikon D2H, approx. 1.25 kg; Nikon Nikkor 4.0/600mm D AF-S, approx. 6.5 kg; 40200 CULLMANN Magnesit 35 Nm WB; System 1 generates a torque of 11 Nm*

THE LGA-TEST

The weight of your camera equipment is the most important factor when selecting the right tripod because after all, you want your photo to be a success without endangering your equipment. The most important number when selecting a tripod head used to be the load-bearing capacity. Even today, the leverage resulting from the camera/lens combination has not been taken into account, though. The resulting leverage is, however, the main reason why equipment sometimes tips over.

With the introduction of the CULLMANN Magnesit ball heads, we are also introducing for the first time dependable values relating to the load-bearing capacity of tripod heads.

System 2: approx. 1.25 kg; Sigma 4-6.3/50-500 APO DG HSM, approx. 2.05 kg; 40200 CULLMANN Magnesit 35 Nm WB; System 2 generates a torque of 3.3 Nm*

LGA

* Landesgewerbeanstalt Nürnberg

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The Torque

Torque (τ) = Force (F) x Lever Arm (l)

The LGA Nuremberg has subjected the CULLMANN Magnesit ball heads to numerous load tests, and they achieved values of over 35 Nm (40200 CULLMANN Magnesit 35 Nm WB).

With the CULLMANN Magnesit ball heads you have large safety buffer and the right ball head for almost every possible kind of equipment.

* Test LGA Nuremberg document number was not available yet at the time of printing
CULLMANN has built and sold tripods and tripod heads all over the world since 1968. We attach great importance to quality and precision, high quality materials, and meticulous manufacturing. The CULLMANN tripod heads guarantee extraordinary high stability, ultra fine adjustments, and jolt and vibration free operation.

The new Magnesit model line with torque capacities of up to 35 Nm in the top model 40200 CULLMANN Magnesit 35 Nm WB offers the photographer an almost limitless range of applications. The Magnesit line contains ball heads, 3-way tilting heads, quick-release systems, and counterweight plates for use in professional applications.
3-WAY TILT HEAD

The new 3-way tilt heads are precision instruments for numerous areas of application in the world of photography. They are excellently suited for use in nature photography, portrait photography, and for subjects that require exact alignment. The CULLMANN 3-way tilt heads are characterized by their high stability and permit perfect camera alignment. The quick-release system is equipped with an innovative spring release for quick removal of the camera.

40300 3-Way Head Large
Precision 3-way tilt head for professional use.
The smooth-action tripod head with non-slip, ergonomically formed handles can be precisely positioned in three directions:
360° Panorama, +90°/- 30° Forward / Backward Tilt, +90°/- 30° Side Tilt.

50003 Magnesit Tablepod
Thanks to its low weight and compact design, the CULLMANN Magnesite Tablepod is the ideal travel companion.
- Legs made of high-quality 6061 aluminum
- The ideal accessory for the ball head (purchased separately)
- High stability (leg spread)
- Easy to go (always with you)
- The magnesite heads ensure optimal function.

The figure shows a combination of a tripod and ball head
40180 CULLMANN Magnesit 25 Nm System
The ball resistance can be optimally adjusted according to the weight of the camera using the friction screw.

- **Friction screw**
  - The ball resistance can be optimally adjusted according to the weight of the camera using the friction screw.

- **Panorama scale**
  - With 1° increments
  - Optimal for panorama photos

- **1/4” camera screw**

- **3/8” camera screw**

- **Anti-rotation pin / retractable video pin**

- **Clamp / locking lever**

- **3D locking screw**
  - Fast and precise adjustment of the ball in every position (prevents warping).

- **Horizontal panorama locking screw**

- **Spirit levels**

**40200 CULLMANN Magnesit 35 Nm WB**

The top model among the Magnesit ball heads with a load capacity of up to 30 kilograms and a torque of up to 35 Nm. It meets the highest demands encountered in professional applications with almost every camera in combination with high luminosity lenses and extreme focal length. Ergonomically formed, rubber-coated adjusting knobs for ball friction with a scale, ball lock for +/- 90° tilt angles and fully adjustable panorama lock with a 360° scale.

- 90° tilting for portrait photos.
- Stable housing made of high-quality anodized aluminum.
- Adjustable quick-release system with safety lock.
- Two built-in spirit levels for perfect alignment.
- Quick-release weightbalance unit with 1/4” and 3/8” connection.
- Integrated video pin to stop rotation for use with camcorders.
Ball heads are the ideal tools for fast and flexible application as well as for macro photography. The new CULLMANN Magnesit ball heads made of anodized aluminum operate with a low-friction attenuation that permits extraordinarily gentle and balanced motion. The ball friction can be optimally adjusted to the weight of the camera with the friction screw. A scale makes adjustment easier when changing equipment often. The 3D locking screw locks the camera precisely in the position set. Even horizontal pans of 360° can be adjusted to the exact degree using the panorama locking screw. The ball heads, except for the 40200 CULLMANN Magnesit 35 Nm WB, are equipped with a changeable platform for cameras with 1/4” and 3/8” threaded connections. A quick-release system can also be added. The top model, the 40200 CULLMANN Magnesit 35 Nm WB, is equipped with an adjustable weightbalance unit with a quick-release system, two built-in spirit levels, a quick-release platform with 1/4” and 3/8” camera screws, and a video pin.

**40190 CULLMANN Magnesit 30 Nm**

For use with SLR cameras, as well as suitable for use with middle format cameras in conjunction with zoom and telephoto lenses. Ergonomically formed, rubber-coated adjusting knobs for ball friction with a scale, ball lock for 90° tilt angle and fully adjustable panorama lock with a 360° scale. 90° tilting for portrait photos. Stable housing made of high-quality anodized aluminum. Changeable ball platform for cameras with 1/4” and 3/8” threaded connections. Quick-release system can be added later.

**Recommended Accessories:**

- CULLMANN Magnesit counterbalance unit as an upgrade or accessory
- CULLMANN Magnesit QR unit L as an upgrade or accessory

**40180 CULLMANN Magnesit 25 Nm**

For use with SLR cameras. Same features as the CULLMANN Magnesit 30 Nm model.

**40170 CULLMANN Magnesit 10 Nm**

For use with SLR cameras. Same features as the CULLMANN Magnesit 30 Nm model.
Quick-release (QR) units make handling of the tripod easier when you want to use different cameras and devices or quickly take the camera on and off the tripod. The product line contains a large selection of quick-release units and quick-release platforms, including a video pin for analog and digital cameras or for camcorders. Only high-quality materials such as anodized aluminum are used for the QR units and QR platforms.

40460 QR Weightbalance Unit
Sliding base + QR platform with spirit level. Use to balance the weight of zoom and telephoto lenses with 1/4" and 3/8" connections.

40450 QR Unit L
Safety spring lock, 2 spirit levels, large supporting surface.

40440 QR Unit M
Safety spring lock, 2 spirit levels.

40500 QR Adjusting Platform XL
To balance the weight of high luminosity lenses and extreme focal length. 1/4" and 3/8" connection length 140 mm.

40490 QR Adjusting Platform L
To balance the weight of zoom and telephoto lenses, with 1/4" and 3/8" connections, length 90 mm.

40480 QR Plate L
QR plate with a large supporting surface, 1/4" connection and retractable video pin.

40470 QR Plate M
QR plate with 1/4" connection and retractable video pin.
## TECHNICAL DATA

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All dimensions and weight specifications are approximate values. The design and color of models may differ from those in the figures. Subject to changes and corrections without notice. Any other devices shown are not included in the scope of delivery.