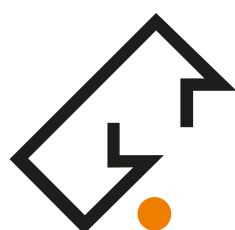




Supports GH



WERKZEUGSYSTEME
MÜLLER GMBH
HOFMANN
MESS- UND TEILTECHNIK



Supporting, holding up and clamping

Supports GH

MAIN CHARACTERISTICS

Supports of the series GH has been specially developed for use on HOFMANN indexing devices on machine tools and machining centres.

They are characterized by their compact, space-saving design. Particular attention was paid during design to high rigidity and almost flexibility thanks to a modular system. A wide range of machining options can be realized thanks to the strong bearing bolts overhanging from the base, boasting a centring device and an indexing circle with fixing threads.

Low-maintenance bearing and a reliable seal to withstand chips and coolant lay a solid foundation for a long operational life.

The counter bearing is interpreted as floating bearing with ± 1 mm axial play out of the central position.

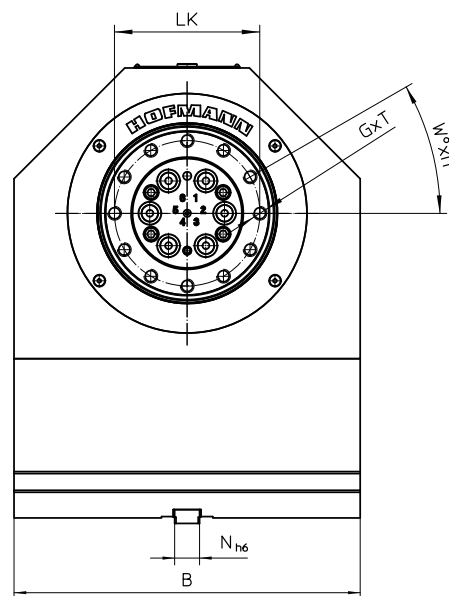
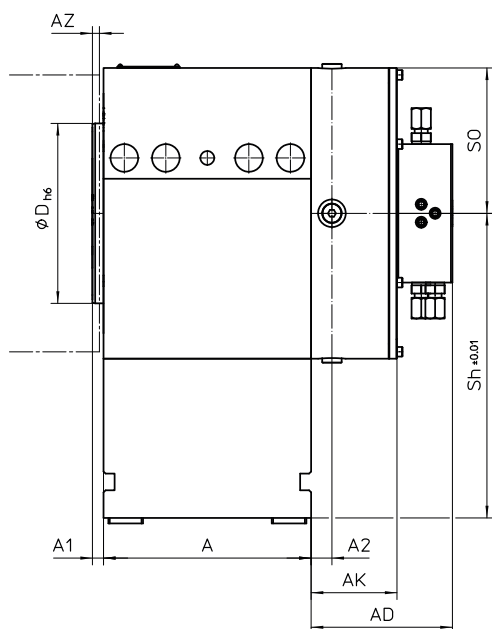
A comprehensive range of accessories enables you to adjust the steady to meet your custom requirements.



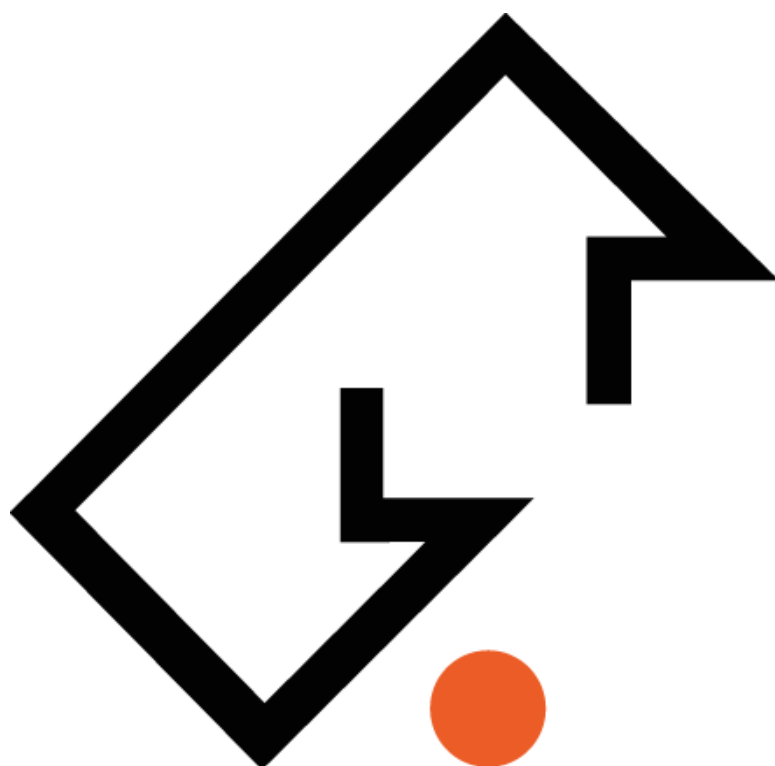
DESIGNS

- Centre heights within dimension table selectable
- Centre heights X $\pm 0,01$ mm
- Compatible T-Slots in widths 10 mm to 36 mm
- The support top is also qualified for separate use in special solutions provided by customer
- With or without hydraulic clamping available
- Large clearance hole for medias or cable buschings possible
- Mounting of rotary distributor for hydraulic or pneumatic possible
- Optional end-position control for swivel movement
- Endless rotation possible
- Spindle flange for Assembly of accessories from our RWNC-range available e. g. clamping bridges, face plates, jaw chucks
- Clamping set for all popular T-slot widths available

TECHNICAL DATA



Size		4	5
Weight Top without clamping without spindle bore	(kg)	50	185
Weight clamping	(kg)	15	45
Weight spindle bore without clamping	(kg)	-5	-25
Weight spindle bore with clamping	(kg)	-8	-35
Additional weight per mm center height increase	(kg)	0,18	0,30
Additional weight rotary distributor 2-, 4-, 6-fold	(kg)	15	25
Center height	(mm)	140 - 450	240 - 500
Center height top	(mm)	105	175
Center height lower part standard min.	(mm)	35	65
Floating bearing axial flexible	(mm)	± 1	± 1
Center offset from bearing bolt to slot nuts	(mm)	0.02	0.02
Parallelism from bearing bolt to slot nuts	(mm)	0.02	0.02
Center height	(mm)	± 0.01	± 0.01
Maximum support load	(kg)	1,000	2,000
Maximum machining force radial force	(KN)	15	20
Clamping moment hydraulic clamping at 160 bar	(Nm)	2,000	7,500
Clamping moment spindle clamping at 160 bar (mathematical)	(Nm)	1,407	5,130
Maximum oil demand for clamping once	(cm ³)	1.42	3.45
Rotary distributor hydraulic 250 bar	(pcs)	2 - 4 - 6	2 - 4 - 6
Rotary distributor pneumatic 25 bar	(pcs)	2 - 4 - 6	2 - 4 - 6



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