

# G-MGW125

Technical specifications



### Operating mode:

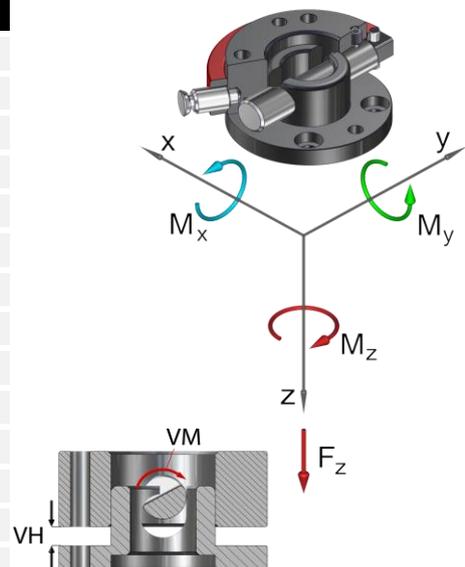
By rotating the semi-cylindrical bolt by 180°, the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

### Advantages:

- Withstands high loads with low dead weight
- Can be released and closed with one handle
- High repeat accuracy +/- 0.02 mm
- Resilient locking pin secures hand lever against independent releasing
- Holds up to 5,000 changing cycles
- During locking, the lower assembly is pulled around the locking stroke
- Interface according to DIN EN ISO 9409-1
- Optional connection of a multi energy coupling **MEK**



Technical specifications		MGW125	
Basic material		Al. anod.	St, nitrated
External diameter x Height [mm]		125 x 50	
Pitch circle diameter [mm]		100	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		1.500	5.200
Compression -Fz [kN]		377	754
Torsion Mz [Nm]		150	210
Bending Mx, My [Nm]		180	250
Mass [kg]	upper assembly	1,3	2,8
	lower assembly	0,55	1,6
Recommended load [kg] *		40	55
Locking torque VM [Nm]		2 – 16	3 – 20
Locking stroke VH [mm]		0 - 8	
Operating temperature range [°C]		-30 to +120	
* This guideline applies to the following assumptions: Acceleration: 10 m/s², gravity distance: 100 mm, double safety			



MGW Connector Ø125, drilled acc. to ISO...	
G-MGW125-2O	upper assembly, Al, anodized
G-MGW125-2OE	upper assembly, E-Mount, Al, anodized
G-MGW125-2OEN	upper assembly, E-Mount, steel, nitrated
G-MGW125-2O-N	upper assembly, steel, nitrated
G-MGW125-2U	lower assembly, Al, anodized
G-MGW125-2UE	lower assembly, E-Mount, Al, anodized
G-MGW125-2UEN	lower assembly, E-Mount, steel, nitrated
G-MGW125-2U-N	lower assembly, steel, nitrated

Replacement semi-cylindrical bolt...	
EG-MGW125-HB	for MGW125
EG-MGW125-HB-VA	for MGW125, out off VA

Replacement hand lever	
EG-MGW125-HH	for MGW125

Pos.	Description
1	Upper assembly
2	Semi-cylindrical bolt
3	Hand lever
4	Index pin
5	Cylinder bolt
6	Spring locking pin
7	Setscrew
8	Lower assembly

