

G-MGW080

Technical specifications



Operating mode:

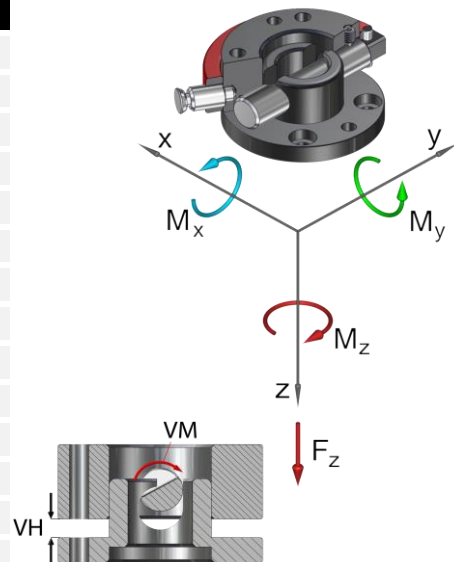
By rotating the semi-cylindrical bolt by 180°, the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

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 acc. to DIN EN ISO 9409-1
- Optional connection of a Multi energy coupling **MEK**



Technical specifications		MGW080	
Basic material		Al. anod.	St, nitrated
External diameter x Height [mm]		80 x 37	
Pitch circle diameter [mm]		63	
Repeat accuracy +/- [mm]		0,02	
Tension Fz [N]		1.000	3.000
Compression -Fz [kN]		157	313
Torsion Mz [Nm]		80	120
Bending Mx, My [Nm]		100	160
Mass [kg]	upper assembly	0,45	0,92
	lower assembly	0,15	0,5
Recommended load [kg] *		20	28
Locking torque VM [Nm]		1,5 - 6	3 - 9
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			



Manual gripper change system Ø80, drilled acc. to ISO...

G-MGW080-2O	upper assembly, Al, anodized
G-MGW080-2OE	upper assembly, E-Mount, Al, anodized
G-MGW080-2OEN	upper assembly, E-Mount, steel, nitrated
G-MGW080-2O-N	upper assembly, steel, nitrated
G-MGW080-2U	lower assembly, Al, anodized
G-MGW080-2UE	lower assembly, E-Mount, Al, anodized
G-MGW080-2UEN	lower assembly, E-Mount, steel, nitrated
G-MGW080-2U-N	lower assembly, steel, nitrated

Replacement semi-cylindrical bolt...

EG-MGW080-HB	for MGW080
EG-MGW080-HB-VA	for MGW080, out off VA

Replacement hand lever

EG-MGW080-HH	for MGW080
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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

