

G-MGW063

Technical specifications



Operating mode:

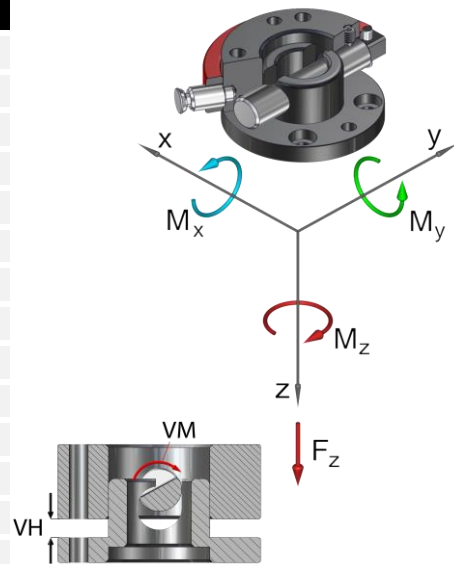
By rotating the semi-cylindrical bolt by 180°, the upper assembly (1) and the lower assembly (2) are braced in a form-closed manner

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		MGW063		
Basic material		Al. anod.	VA	St, nitrated
External diameter x Height [mm]		63 x 32		
Pitch circle diameter [mm]		50		
Repeat accuracy +/- [mm]		0,02		
Tension Fz [N]		900	1.500	1.800
Compression -Fz [kN]		89	134	178
Torsion Mz [Nm]		60	80	105
Bending Mx, My [Nm]		70	100	115
Mass [kg]	upper assembly	0,26	0,48	
	lower assembly	0,08	0,23	
Recommended load [kg] *		16	20	22
Locking torque VM [Nm]		1,5 - 5	3 - 8	
Locking stroke VH [mm]		0 - 6		
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 Ø63, drilled acc. to ISO...

G-MGW063-2O	upper assembly, Al, anodized
G-MGW063-2OE	upper assembly, E-Mount, Al, anodized
G-MGW063-2OEN	upper assembly, E-Mount, steel, nitrated
G-MGW063-2O-N	upper assembly, steel, nitrated
G-MGW063-2O-V	upper assembly, VA
G-MGW063-2U	lower assembly, Al, anodized
G-MGW063-2UE	lower assembly, E-Mount, Al, anodized
G-MGW063-2UEN	lower assembly, E-Mount, steel, nitrated
G-MGW063-2U-N	lower assembly, steel, nitrated
G-MGW063-2U-V	lower assembly, VA

Replacement semi-cylindrical bolt...

EG-MGW063-HB	for MGW063
EG-MGW063-HB-VA	for MGW063, out off VA

Replacement hand lever

EG-MGW063-HH	for MGW063
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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

