

1



2

Operating mode:

By rotating the semi-cylindrical bolt by 180° the upper part (1) and the lower part (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 repeatability +/- 0.02 mm

Resilient locking pin secures hand lever against independent releasing

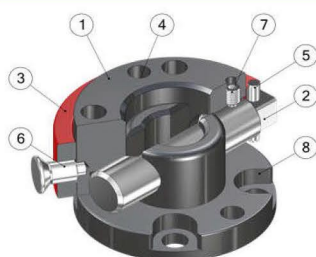
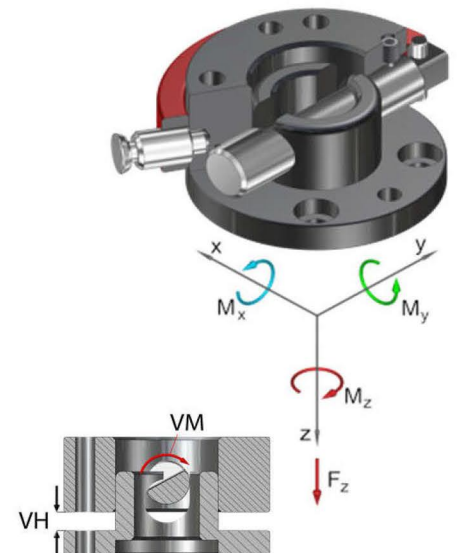
Optional connection of a power coupling MEK for electr. and pneum. Implementations

holds up to 5.000 changing cycles

During locking, the lower part is pulled around the locking stroke

Interface acc. to DIN EN ISO 9409-1

Technical specifications		MGW050		
Basic material		Al. anod.	VA	St, nitrated
External diameter x Height [mm]		50 x 30		
Pitch circle diameter [mm]		40		
Repeatability +/- [mm]		0,02		
Tension Fz [N]		700	1.100	1.320
Compressive -Fz [kN]		48	72	96
Torsion Mz [Nm]		40	60	78
Bend Mx, My [Nm]		50	70	80
Mass [kg]	upper part	0,14	0,28	
	lower part	0,05	0,13	
Recommended load [kg]		10	14	16
Locking moment VM [Nm]		1 - 4	2 - 6	
Locking stroke VH [mm]		0 - 5		



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

Manual Gripper Changing System Ø50...

G-MGW050-20	drilled acc. to ISO, upper part, Al, anodized
G-MGW050-20-N	drilled acc. to ISO, upper part, steel, nitrated
G-MGW050-20-V	drilled acc. to ISO, upper part, VA
G-MGW050-2U	drilled acc. to ISO, lower part, Al, anodized
G-MGW050-2U-N	drilled acc. to ISO, lower part, steel, nitrated
G-MGW050-2U-V	drilled acc. to ISO, lower part, VA

Replacement semi-cylindrical bolt...

EG-MGW050-HB	for MGW050
EG-MGW050-HB-VA	for MGW050, out off VA

Replacement hand lever

EG-MGW050-HH	for MGW050
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