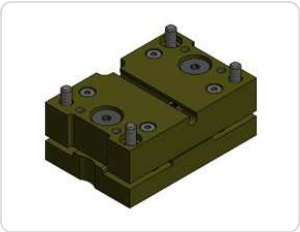
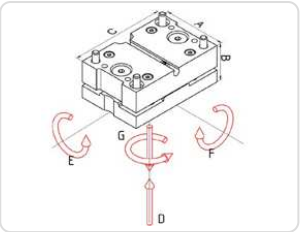
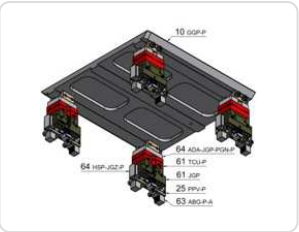
PARALLEL GRIPPER SCHUNK

TCU-P Toleranz Compensation Unit







ADVANTAGES

- V1 - Compensation of workpiece-related tolerances
- and positional accuracy reduces the risk of
- jamming, necessary assembly forces are
- reduced and wear on the workpiece and
- handling device is minimised
- V2 - The compensation of the TCU-P is based on elastomers,
- which compensate in all directions and thus also
- correct angular errors and produce
- rotation compensation
- V3 –Optionally, a pneumatic locking device is available,
- with which the compensation unit can be rigidly locked.
- This prevents the tool or gripper from vibrating
- when the robot arm is moved

REMARK

- We offer the tolerance compensation unit variant
- without pneumatic locking
- Other designs with pneumatic locking
- and monitoring of the locking can be selected
- Operating pressure: 6bar use filtered and dried
- air
- The specified forces and torques are
- maximum values in the unlocked state and may
- occur simultaneously. In the locked state, only
- the loads caused by the dead weight
- and accelerations are permissible.

DESIGNATION	ITEM NO.	A	B	C	D	E	F	G	H	I	J
TCU-P-050-3-OV	1-61-50-10-00-TCU	30	18,6	42	500N	5Nm	15Nm	15Nm	1°	1°	1,5
TCU-P-064-3-OV	1-61-50-14-00-TCU	36	22,7	52	1100N	10Nm	25Nm	30Nm	1°	1°	1,5°
TCU-P-080-3-OV	1-61-50-18-00-TCU	42	24,5	63	1500N	12Nm	30Nm	40Nm	1°	1,5°	2°
TCU-P-100-3-OV	1-61-50-22-00-TCU	50	26	81	2000N	25Nm	60Nm	60Nm	1°	1,5°	1,2°
TCU-P-125-3-OV	1-61-50-26-00-TCU	60	28,9	100	2800N	50Nm	120Nm	100Nm	1°	1,5°	1,5°
TCU-P-160-3-OV	1-61-50-30-00-TCU	72	34,2	125	4300N	70Nm	160Nm	120Nm	1°	2°	1,5°

Legend: D = maximum force in N E = max. torque in Nm F = max. torque in Nm G = max. torque in Nm H = Deflection F I = Deflection E J = Deflection G

IPR PARALLEL GRIPPER

Parallel grippers – CGS





OPTION

- Link to suitable adapter plates ...

DESIGNATION	ITEM NO.	A	B	C	D	E	F	G	H	I
CGS-2-40	1-61-60-10-00-CGS	64	24	28,7	117N	128N	2,5	70	0,64kg	M3