

Parallel gripper

Three-jaw gripper

Angle gripper

Internal-hole gripper

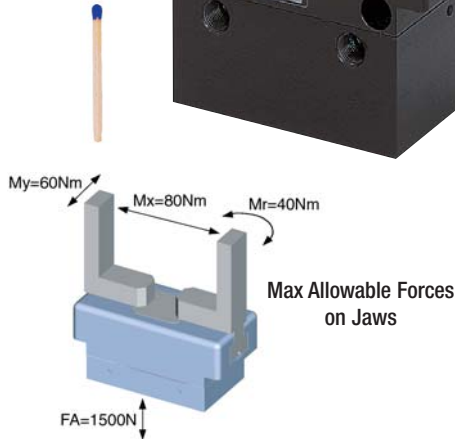
Other grippers

Electric gripper

| | | | | | | | | | |
|-------|-------|-------|-------|--------------|-------|-------|-------|-------|---------------|
| GP403 | GP404 | GP406 | GP408 | GP410 | GP412 | GP416 | GP420 | GP430 | Universal jaw |
|-------|-------|-------|-------|--------------|-------|-------|-------|-------|---------------|



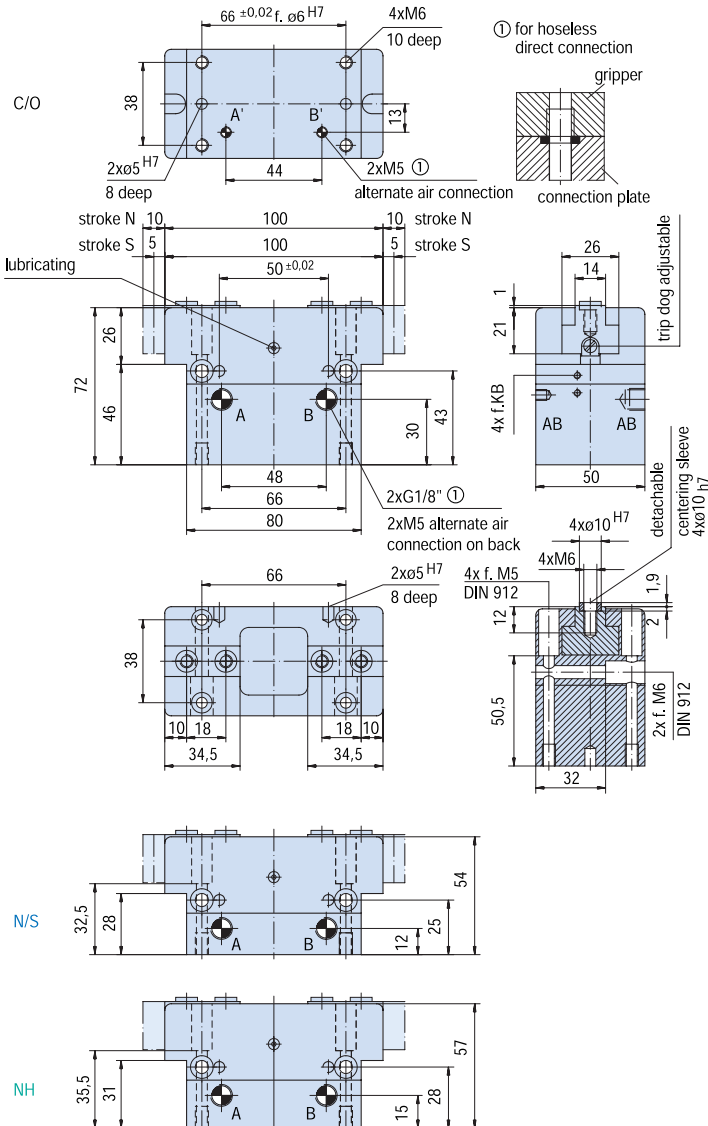
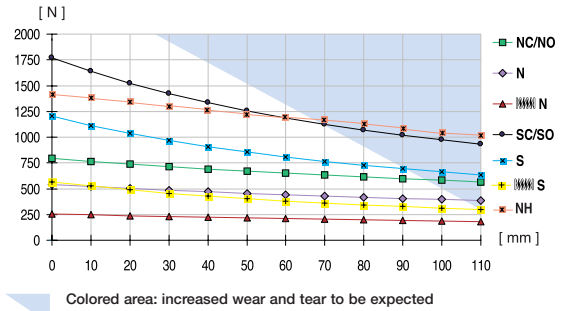
- Sommer-automatic
- Grippers**
- Separators
- Swivel units
- Rotating jaws
- Axial compensators
- Tool changers
- Linear cylinders
- Shock absorbers
- Rotary cylinders
- Air vane motors
- Vacuum components
- Accessories
- Quick finder



Parallel gripper with T-slot guide

Advantages, benefits, comparisons and tips! Stacks of information all about this product are on page 17.

Gripping force as a function of jaw length



| Order no.: | | | | | | |
|---|----------|----------|---------|----------|----------|----------|
| GP410 N | GP410 NC | GP410 NO | GP410 S | GP410 SC | GP410 SO | GP410 NH |
| Drive: | | | | | | |
| pneum. | pneum. | pneum. | pneum. | pneum. | pneum. | hydr. |
| Stroke per jaw [mm]: | | | | | | |
| 10 | 10 | 10 | 5 | 5 | 5 | 10 |
| Gripping force in closing and opening [N]: | | | | | | |
| 560 | - | - | 1200 | - | - | 1450 |
| Gripping force in closing [N]: | | | | | | |
| - | 780 | - | - | 1760 | - | - |
| Gripping force in opening [N]: | | | | | | |
| - | - | 780 | - | - | 1760 | - |
| Self-locking via: | | | | | | |
| DSV1/8 | Spring | Spring | DSV1/8 | Spring | Spring | - |
| Closing time/opening time [s]: | | | | | | |
| 0,05 | 0,08 | 0,08 | 0,05 | 0,08 | 0,08 | 0,4 |
| Repeatability ± [mm]: | | | | | | |
| 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 | 0,025 |
| Min./max. operating pressure [bar]: | | | | | | |
| 3 / 8 | 5 / 8 | 5 / 8 | 3 / 8 | 5 / 8 | 5 / 8 | 10 / 40 |
| Air volume per cycle [cm³]: | | | | | | |
| 28 | 52 | 52 | 28 | 52 | 52 | - |
| Oil volume per cycle [cm³]: | | | | | | |
| - | - | - | - | - | - | 18 |
| Min./max. operating temperature [°C]: | | | | | | |
| 5 / 80 | 5 / 80 | 5 / 80 | 5 / 80 | 5 / 80 | 5 / 80 | 5 / 80 |
| Temp. resistant version up to 150° C [add to part number]: | | | | | | |
| T2 | T2 | T2 | T2 | T2 | T2 | T2 |
| Piston diameter [mm]: | | | | | | |
| 40 | 40 | 40 | 40 | 40 | 40 | 30 |
| Weight [kg]: | | | | | | |
| 0,82 | 1 | 1 | 0,82 | 1 | 1 | 0,82 |

All data measured at 6 bar (hydr. 30 bar).

See Page 17 for Accessory list.