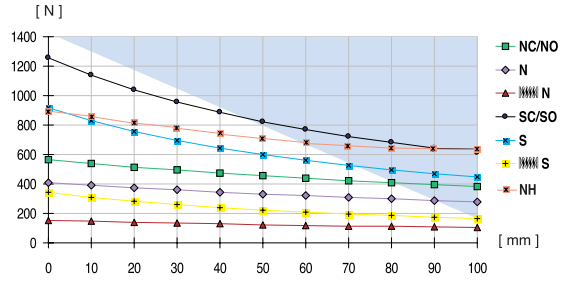
Parallel gripper
with T-slot guide

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

Gripping force as a function of jaw length

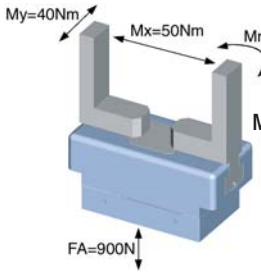


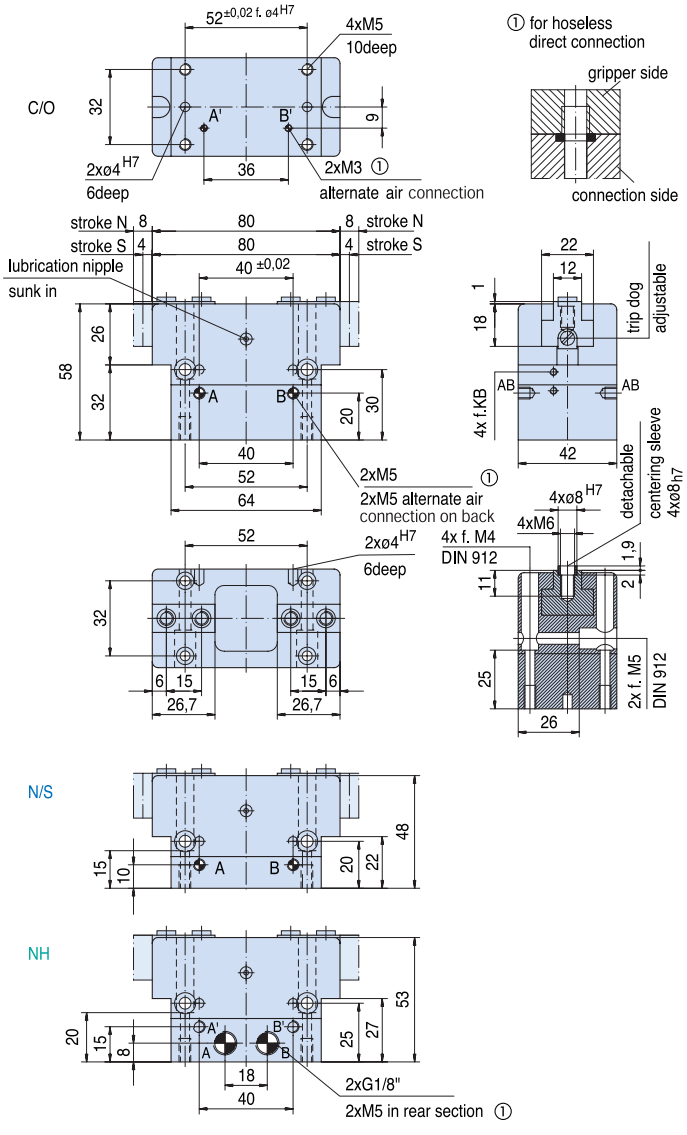
Colored area: increased wear and tear to be expected

Order no.:						
GP408 N	**GP408 NC**	**GP408 NO**	**GP408 S**	**GP408 SC**	**GP408 SO**	**GP408 NH**
Drive:						
pneum.	pneum.	pneum.	pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:						
8	8	8	4	4	4	8
Gripping force in closing and opening [N]:						
400	-	-	900	-	-	920
Gripping force in closing [N]:						
-	560	-	-	1260	-	-
Gripping force in opening [N]:						
-	-	560	-	-	1260	-
Self-locking via:						
DSV1/8	Spring	Spring	DSV1/8	Spring	Spring	-
Closing time/opening time [s]:						
0,012	0,02	0,02	0,012	0,02	0,02	0,5
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]:						
18	27	27	18	27	27	-
Oil volume per cycle [cm³]:						
-	-	-	-	-	-	8
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]:						
35	35	35	35	35	35	24
Weight [kg]:						
0,51	0,58	0,58	0,51	0,58	0,58	0,51

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

See Page 17 for Accessory list.



Max Allowable Forces on Jaws

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