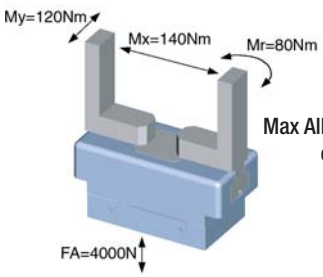
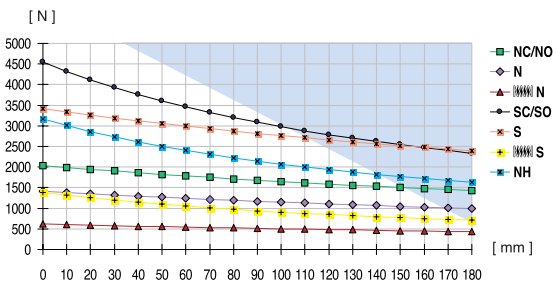
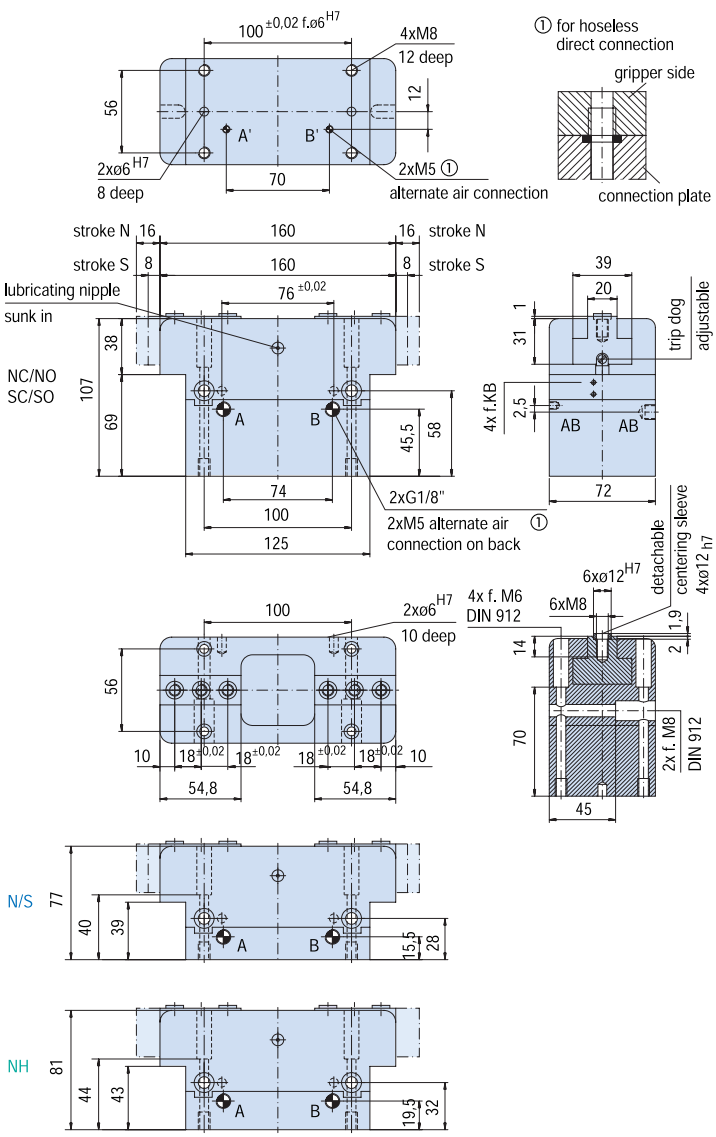
Parallel gripper
with T-slot guide



Max Allowable Forces on Jaws

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





Order no.:						
GP416 N	**GP416 NC**	**GP416 NO**	**GP416 S**	**GP416 SC**	**GP416 SO**	**GP416 NH**
Drive:						
pneum.	pneum.	pneum.	pneum.	pneum.	pneum.	hydr.
Stroke per jaw [mm]:						
16	16	16	8	8	8	16
Gripping force in closing and opening [N]:						
1400	-	-	3150	-	-	3350
Gripping force in closing [N]:						
-	2050	-	-	4550	-	-
Gripping force in opening [N]:						
-	-	2050	-	-	4550	-
Self-locking via:						
DSV1/8	Spring	Spring	DSV1/8	Spring	Spring	-
Closing time/opening time [s]:						
0,12	0,2	0,2	0,12	0,2	0,2	0,6
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]:						
117	183	183	117	183	183	-
Oil volume per cycle [cm³]:						
-	-	-	-	-	-	58
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]:						
T3	T3	T3	T3	T3	T3	T3
Piston diameter [mm]:						
60	60	60	60	60	60	45
Weight [kg]:						
2,8	3,4	3,4	2,8	3,4	3,4	2,8

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

See Page 17 for Accessory list.