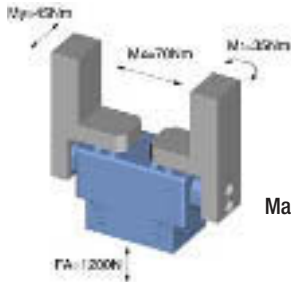
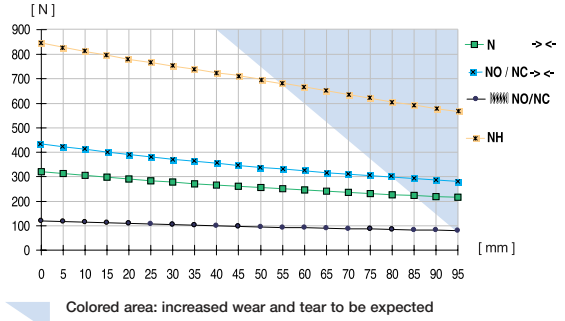


# Parallel gripper

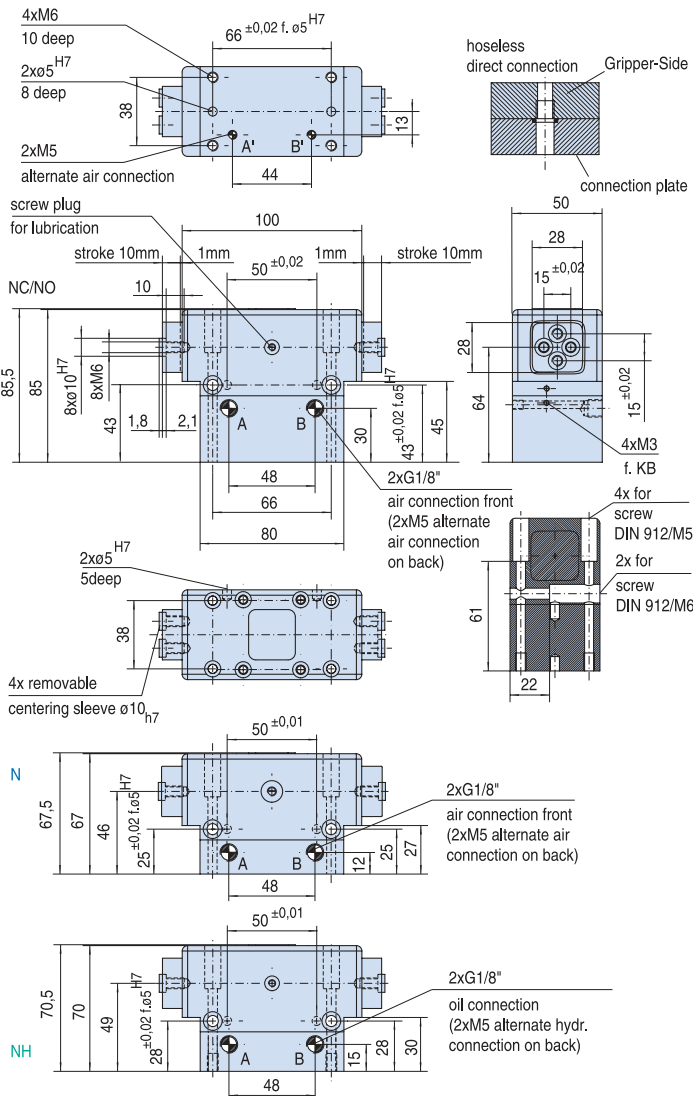
with sealed 4-sided guide

Advantages, benefits, comparisons and tips! Stacks of information all about this product are on page 35.

### Gripping force as a function of jaw length



**Max Allowable Forces on Jaws**



Order no.:				
GP1810 N	GP1810 NC	GP1810 NO	GP1810 NH	
<b>Drive:</b>				
pneum.	pneum.	pneum.	hydr.	
<b>Stroke per jaw [mm]:</b>				
10	10	10	10	
<b>Gripping force in closing and opening [N]:</b>				
-	-	-	1360	
<b>Gripping force in closing [N]:</b>				
420	640	-	-	
<b>Gripping force in opening [N]:</b>				
840	-	1040	-	
<b>Self-locking via:</b>				
DSV1/8	Spring	Spring	-	
<b>Closing time/opening time [s]:</b>				
0,06	0,08	0,08	0,2	
<b>Repeatability ± [mm]:</b>				
0,05	0,05	0,05	0,025	
<b>Min./max. operating pressure [bar]:</b>				
-	-	-	10 / 30	
<b>Min./max. operating pressure for closing [bar]:</b>				
4 / 8	4 / 8	5 / 8	-	
<b>Min./max. operating pressure for opening [bar]:</b>				
4 / 4	5 / 8	4 / 4	-	
<b>Air volume per cycle [cm<sup>3</sup>]:</b>				
42	72	72	-	
<b>Oil volume per cycle [cm<sup>3</sup>]:</b>				
-	-	-	28	
<b>Min./max. operating temperature [°C]:</b>				
5 / 80	5 / 80	5 / 80	5 / 80	
<b>Temp. resistant version up to 150° C [add to part number]:</b>				
T3	T3	T3	T3	
<b>Piston diameter [mm]:</b>				
40	40	40	30	
<b>Weight [kg]:</b>				
0,9	1,1	1,1	0,9	

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

**See Page 35 for Accessory list.**