

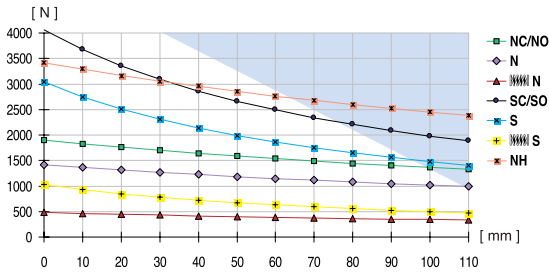
Parallel gripper		<b>Three-jaw gripper</b>			Angle gripper	Internal-hole gripper	Other grippers		Electric gripper
GD304	GD306	GD308	<b>GD310</b>	GD312	GD316	GD320	Pressing star	Universal jaw	

# Three-jaw gripper

with T-slot guide

Advantages, benefits, comparisons and tips!  
Stacks of information all about this product are on page 103.

## Gripping force as a function of jaw length



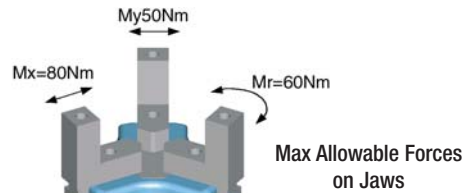
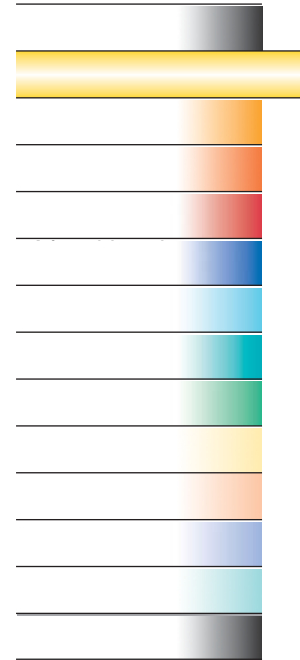
Colored area: increased wear and tear to be expected

Order no.:						
<b>GD310</b>	<b>GD310</b>	<b>GD310</b>	<b>GD310</b>	<b>GD310</b>	<b>GD310</b>	<b>GD310</b>
N	NC	NO	S	SC	SO	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]:						
1400	-	-	3000	-	-	3400
Gripping force in closing [N]:						
-	1800	-	-	4000	-	-
Gripping force in opening [N]:						
-	-	1800	-	-	4000	-
Self-locking via:						
DSV1/8	Spring	Spring	DSV1/8	Spring	Spring	-
Closing time/opening time [s]:						
0,09	0,11	0,11	0,09	0,11	0,11	0,5
Repeatability ± [mm]:						
0,05	0,05	0,05	0,05	0,05	0,05	0,05
Min./max. operating pressure [bar]:						
3/8	5/8	5/8	3/8	5/8	5/8	10/40
Air volume per cycle [cm³]:						
74	150	150	74	150	150	-
Oil volume per cycle [cm³]:						
-	-	-	-	-	-	36
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]:						
63	63	63	63	63	63	45
Weight [kg]:						
1,8	2,4	2,4	1,8	2,4	2,4	1,9

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

See Page 103 for Accessory list.

Pressing star available (see page 111).



Max Allowable Forces on Jaws

