

GOUDSMIT magnetic grippers



Gripper Item nr	Product key	Operation type:	Switch power:	Sensors:	Max. tear off force: [N]	Max. shear force: [N]	Advised working load: (with safety factor 3) [N]	Size: [mm]	Contact area size: [mm]	Suitable for destacking sheets	Protective friction pad	Workpiece thickness:						Operating temperature [°C]	Depth: [mm]	Width: [mm]	Height: [mm]	Weight: [kg]		
												✘ Poor compatibility		✓ Some compatibility		✓✓ Excellent compatibility								
												< 0,5 mm	< 1 mm	1-2 mm	2-5 mm	5-8 mm	> 8 mm						> 10 mm	
EHSQ052000	HGE-SQ-052-FR-EP-P-I	Electric	24 V DC	On - Off & Product presence	420 N	105 N	140 N	# 52	∅ 57	Yes, force adjustable	Yes removable	✘	✘	✓	✓	✓✓	✓✓	✓✓	5 - 40 °C	72	57	101	1 kg	
EHSQ070000	HGE-SQ-070-FR-EP-P-I	Electric	24 V DC	On - Off & Product presence	900 N	225 N	300 N	# 70	∅ 71	Yes, force adjustable	Yes removable	✘	✘	✘	✓	✓	✓✓	✓✓	5 - 40 °C	89	70	105	1,9 kg	
EHSQ090000	HGE-SQ-090-FR-EP-P-I	Electric	24 V DC	On - Off & Product presence	2160 N	540 N	720 N	#90	∅ 96	Yes, force adjustable	Yes removable	✘	✘	✘	✓	✓	✓	✓✓	5 - 40 °C	106	96	125	4,1 kg	
TPGC020018	HGR-RO-020-FL-R-M-F	Pneumatic	4 bar advised	Not foreseen	10 N	not specified	3,3 N	∅ 20	∅ 20	0,25 - 1,5 mm	No	✓✓	✓✓	✓✓	✓✓	✓✓	✓	✓	0 - 70 °C	20	20	35	0,07 kg	
TPGC024078	HGR-SQ-024-FL-R-M-F	Pneumatic	4 bar advised	Not foreseen	34 N	not specified	11 N	# 24	∅ 24	> 1 mm	No	✓	✓	✓✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	24	24	63	0,08 kg	
TPGC024088	HGR-SQ-024-FP-R-M-F	Pneumatic	4 bar advised	Not foreseen	24 N	6 N	8N	# 24	∅ 30	> 1 mm	Yes	✓	✓	✓✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	30	30	63	0,08 kg	
TPGC040078	HGR-SQ-040-FL-R-M-S	Pneumatic	4 bar advised	Optional sensor	Off	230 N	not specified	77 N	# 40	∅ 40	> 2 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	40	40	63	0,22 kg
TPGC040088	HGR-SQ-040-FP-R-M-S	Pneumatic	4 bar advised	Optional sensor	Off	140 N	35 N	47 N	# 40	∅ 46	> 2 mm	Yes	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	46	46	63	0,23 kg
TPGC040378	HGR-SQ-040-FL-RH-M-F	Pneumatic	4 bar advised	Not foreseen	185 N	not specified	60 N	# 40	∅ 40	> 2 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 120 °C	40	40	63	0,22 kg	
TPGC040024	HGR-RO-040-FR-F-M-F	Pneumatic	4 bar advised	Not foreseen	26 N	6,5 N	8,5 N	∅ 40	∅ 32	> 0,5 mm	Yes	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	42	42	35	0,08 kg	
TPGC040084	HGR-SQ-040-FP-F-M-S	Pneumatic	4 bar advised	Optional sensor	Off	46 N	11,5 N	15 N	# 40	∅ 46	> 1 mm	Yes exchangable	✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	46	46	63	0,23 kg
TPGC050014	HGR-RO-050-OR-F-M-S	Pneumatic	4 bar advised	Optional sensor	Off	55 N	14 N	18,5 N	∅ 50	∅ 50	> 1 mm	Yes removable	✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	50	50	48	0,21 kg
TPGC070078	HGR-SQ-070-FL-R-G-S	Pneumatic	4 bar advised	Optional sensor	Off	530 N	not specified	175 N	# 70	∅ 70	> 2 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	70	70	70	0,7 kg
TPGC070088	HGR-SQ-070-P-R-G-S	Pneumatic	4 bar advised	Optional sensor	Off	380 N	95 N	128 N	# 70	∅ 76	> 2 mm	Yes	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	76	76	71	0,8 kg
TPGC070378	HGR-SQ-070-FL-RH-G-F	Pneumatic	4 bar advised	Not foreseen	420 N	not specified	140 N	# 70	∅ 70	> 2 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 120 °C	70	70	71	0,8 kg	
TPGC100078	HGR-SQ-100-FL-R-G-S	Pneumatic	4 bar advised	Optional sensor	Off	1500 N	not specified	500 N	# 100	∅ 100	> 3 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	100	100	70	1,5 kg
TPGC100088	HGR-SQ-100-FP-R-G-S	Pneumatic	4 bar advised	Optional sensor	Off	1180 N	295 N	390 N	# 100	∅ 106	> 3 mm	Yes	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	106	106	71	1,5 kg
TPGC100378	HGR-SQ-100-FL-RH-G-S	Pneumatic	4 bar advised	Not foreseen	1200 N	not specified	400 N	# 100	∅ 100	> 3 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 120 °C	100	100	70	1,5 kg	
TPGC160078	HGR-SQ-160-FL-F-G-S	Pneumatic	4 bar advised	Optional sensor	Off	3500 N	875 N	1170 N	# 160	∅ 1070	> 3 mm	No	✘	✘	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	170	170	103	5,7 kg
TPMV040028	HGC-RO-040-VR-R-M-F	Pneumatic & Vacuum	Optional vacuum blow-off valve	Not foreseen	35 N	8,5 N	12 N	∅ 36	∅ 42	> 2 mm	Vacuum pad exchangable	✘	✓	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	36	36	56	0,1 kg	
TPMV070028	HGC-RO-070-VR-R-G-F	Pneumatic & Vacuum	Optional vacuum blow-off valve	Not foreseen	200 N	50 N	67 N	∅ 64	∅ 72	> 2 mm	Vacuum pad exchangable	✘	✓	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	72	72	83	0,4 kg	
TPMV100028	HGC-RO-100-VR-M-G-F	Pneumatic & Vacuum	Optional vacuum blow-off valve	Not foreseen	370 N	90 N	120 N	∅ 80	∅ 103	> 2 mm	Vacuum pad exchangable	✘	✓	✓	✓✓	✓✓	✓✓	✓✓	0 - 70 °C	103	103	65	0,7 kg	