



Magnetic grippers

HGR-SQ-070-FL-RH-G-F

SKU: TPGC070378

Product Features

Description	Magnetic gripper
SKU	TPGC070378
Product key	HGR-SQ-070-FL-RH-G-F
Size	70 mm
Specific application	Suitable for high temperatures
Switching	Pneumatic: 2 compressed air connections or; 1 vacuum connection: see 'Gripper connection for vacuum control' (Document tab)
Advised working load	140 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	420 N (under ideal conditions - Graph: see Document tab - Factors influencing lifting capacity: see https://www.goudsmit/en/knowledge-base/about-magnetic-lifting.html)
Min. advised sheet thickness	2 mm
Interface/connection dim's	Threaded hole M6 (8x), Threaded hole M10
Connections	Pneumatic: G1/8" (2x)
Material housing	Aluminium, AISI316L (SS 1.4404) (screw cap)
Surface treatment/finishing	Nickel plated
Colour	Grey
Min./max. ambient temperature	0 to 120 °C
Switching pressure	Max. 4 bar, Vacuum pressure -0.3 bar (switch on)
Magnetic system	6 Permanent magnet poles
Magnet quality	Neodymium GSN-38EH, Br 12,600 gauss (at 20 °C), Tmax. 180 °C
Depth	70 mm

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<https://www.goudsmitmagnets.com/solutions/magnetic-handling/lifting-handling-magnets/magnetic-grippers.html?sku=TPGC070378>

Width	70 mm
Height	70 mm
Weight	0.8 kg
Type	High temp.
Air consumption	0.568 l/cycle (1x up, 1x down)