



Magnetic grippers

HGR-SQ-070-FP-R-G-S

SKU: TPGC070088

Product Features

Description	Magnetic gripper
SKU	TPGC070088
Product key	HGR-SQ-070-FP-R-G-S
Size	70 mm
Switching	Pneumatic: 2 compressed air connections or, 1 vacuum connection: see 'Gripper connection for vacuum control' (Document tab)
Including	Vulcanized friction pad for extra grip and product protection
Advised working load	128 N (under ideal conditions - with safety factor 3 acc. EN13155)
Max. tear off force	380 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 friction pad/ring	NBR 60° Shore A
Material housing	Aluminium, AISI316L (SS 1.4404) (screw cap)
Surface treatment/finishing	Anodized
Colour	Red
Min./max. ambient temperature	0 to 70 °C
Switching pressure	Max. 4 bar, Vacuum pressure -0.3 bar (switch on)
Magnetic system	6 Permanent magnet poles
Magnet quality	Neodymium GSN-45, Br 13,700 gauss (at 20 °C), Tmax. 80 °C

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<https://www.goudsmitmagnets.com/solutions/magnetic-handling/lifting-handling-magnets/magnetic-grippers.html?sku=TPGC070088>

Depth	76 mm
Width	76 mm
Height	71 mm
Weight	0.77 kg
Type	Friction type
Air consumption	0.568 l/cycle (1x up, 1x down)