



## Magnetic grippers

HGR-SQ-100-FP-R-G-S

SKU: TPGC100088

## Product Features

<b>Description</b>	Magnetic gripper
<b>SKU</b>	TPGC100088
<b>Product key</b>	HGR-SQ-100-FP-R-G-S
<b>Size</b>	100 mm
<b>Switching</b>	Pneumatic
<b>Including</b>	Vulcanized friction pad for extra grip and product protection
<b>Advised working load</b>	390 N (under ideal conditions - with safety factor 3 acc. EN13155)
<b>Max. tear off force</b>	1180 N (under ideal conditions - Graph: see Document tab - Factors influencing lifting capacity: see <a href="https://www.goudsmit/en/knowledge-base/about-magnetic-lifting.html">https://www.goudsmit/en/knowledge-base/about-magnetic-lifting.html</a> )
<b>Min. advised sheet thickness</b>	3 mm
<b>Interface/connection dim's</b>	Threaded hole M6 (8x), Threaded hole M10
<b>Connections</b>	Pneumatic: G¼" (2x)
<b>Material friction pad/ring</b>	NBR 60° Shore A
<b>Material housing</b>	Aluminium, AISI316L (SS 1.4404) (screw cap)
<b>Surface treatment/finishing</b>	Anodized
<b>Colour</b>	Red
<b>Min./max. ambient temperature</b>	0 to 70 °C
<b>Switching pressure</b>	Max. 4 bar
<b>Magnetic system</b>	8 Permanent magnet poles
<b>Magnet quality</b>	Neodymium GSN-45, Br 13,700 gauss (at 20 °C), Tmax. 80 °C
<b>Depth</b>	106 mm

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<https://www.goudsmitmagnets.com/solutions/magnetic-handling/lifting-handling-magnets/magnetic-grippers.html?sku=TPGC100088>

<b>Width</b>	106 mm
<b>Height</b>	71 mm
<b>Weight</b>	1.5 kg
<b>Type</b>	Friction type
<b>Air consumption</b>	1.352 l/cycle (1x up, 1x down)