Magnetic gripper

SGM 40 G1/4-IG

Part no..:10.01.17.00163

https://www.schmalz.com/10.01.17.00163

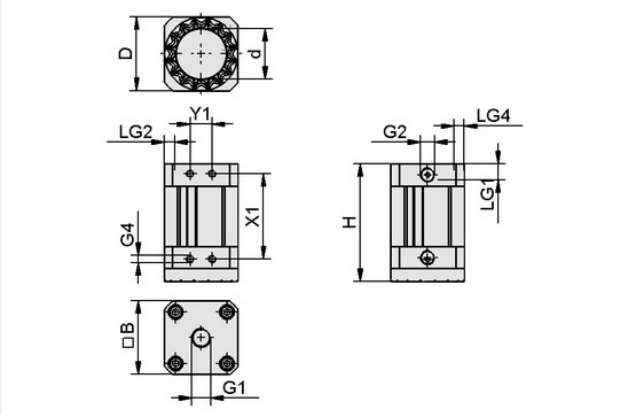
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Magnetic gripper for handling metal sheets with holes



- Size: 40
- Socket: G1/4"-F
- Holding force max. friction ring: 100 N
- Pressure range (operating pressure): 3.5 ... 6.0 bar

Design Data



Attribute	Value
B	40.65 mm
D	40 mm
d	26 mm
G1	G1/4"-F
G2	G1/8"-F
G4	M4-F
H	70.20 mm
LG1	11 mm
LG2	6 mm
LG4	7 mm
X1	46 mm
Y1	12 mm

Technical Data

Attribute	Value
Holding force max. friction ring	100 N
Remaining force	0.30 N
Pressure range (operating pressure)	3.5 ... 6.0 bar
Installation position	BEL
Control valve	Bistable
Operating temperature	5 ... 70 °C

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Weight	240 g
Product family	SGM

Note: Holding force: The value given is a statistical value with no safety factor; based on a plate with a thickness of 2 mm. For system configurations with magnetic grippers SGM, a safety factor of S = 3 must be applied

Accessories



HTS-A2 SGM 30/40 OP

Part no..:10.01.17.00581

Connection 1: Bolt with slot Ø19mm
Construction use: Magnetic gripper
Size: 30/40



HTS-A3 SGM 30/40 OP

Part no..:10.01.17.00558

Connection 1: Ball head 28.5 mm
Construction use: Magnetic gripper
Size: 30/40

Magnetic gripper

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HTS-A2 D SGM 30/40 OP

Part no..:10.01.17.00586

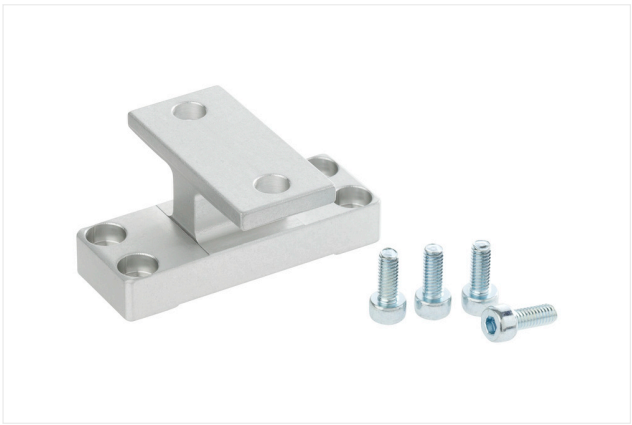
Connection 1: Bolt with slot Ø19mm
Construction use: Magnetic gripper
Size: 30/40
Shape: Double block



HTS-A3 D SGM 30/40 OP

Part no..:10.01.17.00582

Connection 1: Ball head 28.5 mm
Construction use: Magnetic gripper
Size: 30/40
Shape: Double block



HPS-SGM 2M6 30/40 OP

Part no..:10.01.17.00655

Construction use: Magnetic gripper
Connection 1: 2x screws M6
Size: 30/40
Shape: One-piece



STV-GE G1/8-AG 6

Part no..:10.08.02.00204

Thread G1: G1/8"-M
Hose diameter: 6 mm
Material: Brass
Operating temperature: -20 ... 80 °C
External diameter D: 11.4 mm
Length L: 16.4 mm



STV-W G1/8-AG 6

Part no..:10.08.02.00158

Thread G1: G1/8"-M
Hose diameter: 6 mm
Material: Nickel plated
Operating temperature: -20 ... 80 °C
Length L: 20.1 mm

VSL 6-4 PU MI-TR

Part no..:10.07.09.00002

External diameter D: 6 mm
Internal diameter d: 4 mm
Length max.: 500 m
Material hose: PU
Bending radius min.: 35 mm
Pressure range (operating pressure): -0.95 ... 10.00 bar
Operating temperature: -20 ... 90 °C

Spare parts

Magnetic gripper

SGM 40 G1/4-IG

Part no..:10.01.17.00163

https://www.schmalz.com/10.01.17.00163



REIB-RING SGM 40 PU-55

Part no..:10.01.17.00137

Construction use: Magnetic gripper
Size: 40
External diameter D: 40 mm
Internal diameter d: 26 mm