

Magnetic gripper

SGM-HT-HP 40x121

Part no.: 10.01.17.00544

<https://www.schmalz.co.jp/10.01.17.00544>

Home > Vacuum Technology for Automation > Vacuum Components > Special Grippers > Magnetic Grippers > Magnetic Grippers
SGM-HP/-HT (Multiple) > SGM-HT-HP 40x121

Magnetic gripper for handling metal sheets with holes

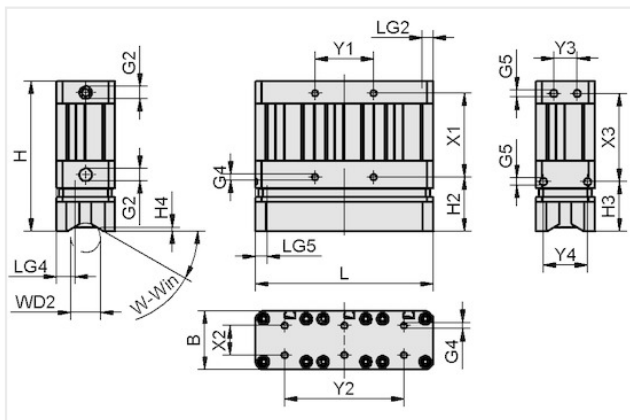


Size: 40x121

Pressure range (operating pressure): 2.5 ... 6.0 bar

Holding force (max.): 1,170 N

Design Data



Attribute	Value
B	40 mm
G2	G1/8"-F
G4	M5-F
G5	M6-F
H	101.70 mm
H2	36.70 mm
H3	33.60 mm
H4	2.60 mm
LG2	6 mm
LG4	7 mm
LG5	6.50 mm
WD2	63 mm
X1	57 mm
X2	20 mm
X3	60 mm
Y1	40 mm
Y2	81 mm
Y3	16 mm
Hole spacing Y4	30 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Technical Data

Attribute	Value
Sheet thickness opt f. holding force max.	4 mm
Holding force (max.)	1170 N
Remaining force	1.80 N
Pressure range (operating pressure)	2.5 ... 6.0 bar
Installation position	BEL
Control valve	Bistable
Operating temperature	5 ... 150 ° C
Working temperature max.	350 ° C
Weight	1500 g

Accessories



UMR-SET SGM-HT-HP 3RR

Part no.: 10.01.17.00663

Construction use: Magnetic gripper SGM-HT-HP



HTS-A3 SGM-HP 40x121 OP

Part no.: 10.01.17.00546

Connection 1: Ball head 28.5 mm

Construction use: SGM-HP

Size: 40x121

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HTS-A5 SGM-HP 40x121 OP

Part no.: 10.01.17.00559

Connection 1: Ball head 32 mm

Construction use: SGM-HP

Size: 40x121



HTS-A2 SGM-HP 40x121 OP

Part no.: 10.01.17.00570

Connection 1: Bolt with slot Ø19mm

Construction use: SGM-HP

Size: 40x121



HTS-A5 EW SGM-HP 40x121 OP

Part no.: 10.01.17.00589

Connection 1: Ball head 32 mm

Construction use: SGM-HP

Size: 40x121

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HTS-A3 EW SGM-HP 40x121 OP

Part no.: 10.01.17.00590

Connection 1: Ball head 28.5 mm

Construction use: SGM-HP

Size: 40x121



HTS-A2 EW SGM-HP 40x121 OP

Part no.: 10.01.17.00591

Connection 1: Bolt with slot Ø19mm

Construction use: SGM-HP

Size: 40x121



STV-GE G1/8-AG 6 HT

Part no.: 10.08.02.00389

Thread G1: G1/8"-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -20 ... 120 ° C

External diameter D: 11.6 mm

Length L: 19 mm

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SGM-HT-HP 40x121

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STV-W G1/8-AG 6 HT

Part no.: 10.08.02.00391

Thread G1: G1/8"-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -20 ... 120 ° C

Length L: 22.5 mm



VSL 6-4 PTFE MI-TR

Part no.: 10.07.09.00157

External diameter D: 6 mm

Internal diameter d: 4 mm

Length max.: 50 m

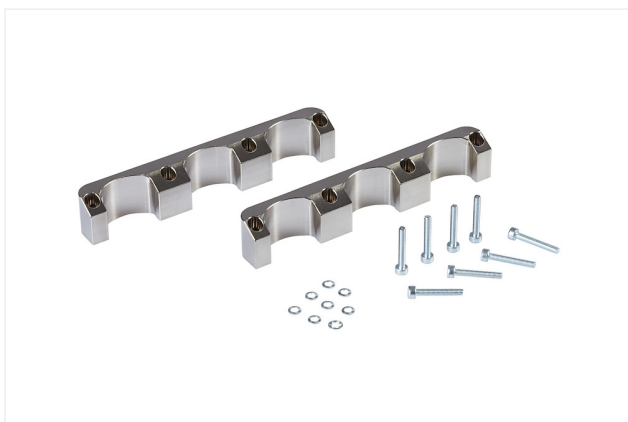
Material hose: Polytetrafluorethylene

Bending radius min.: 35 mm

Pressure range (operating pressure): -0.95 ... 10.00 bar

Operating temperature: -190 ... 260 ° C

Spare parts



ERS SGM-40x121 2RAILS

Part no.: 10.01.17.00572

Construction use: Magnetic gripper

Size: 40x121

Contact Schmalz

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