

Area Gripping System

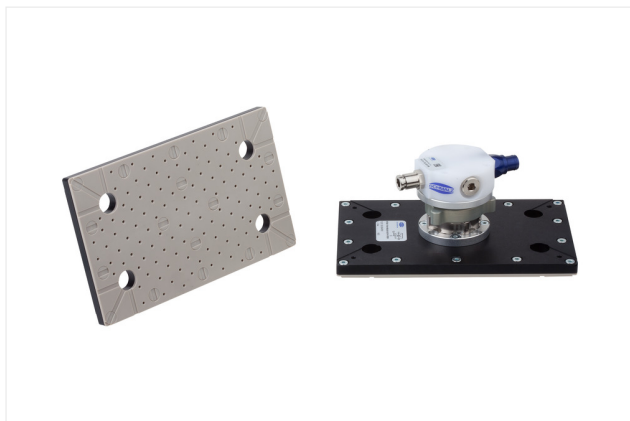
STGG 170x105 QCMV HV 2 13 PEEK

Part no...:10.01.30.00518

<https://www.schmalz.com/10.01.30.00518>

Home > Vacuum Technology for Automation > Vacuum Components > Special Grippers > Thin Glass Grippers > Thin Glass Grippers STGG > STGG 170x105 QCMV HV 2 13 PEEK

Special area gripper for gentle and extremely dynamic handling of sensitive work pieces



Length L: 170 mm

Width B: 105 mm

Height H: 67.4 mm

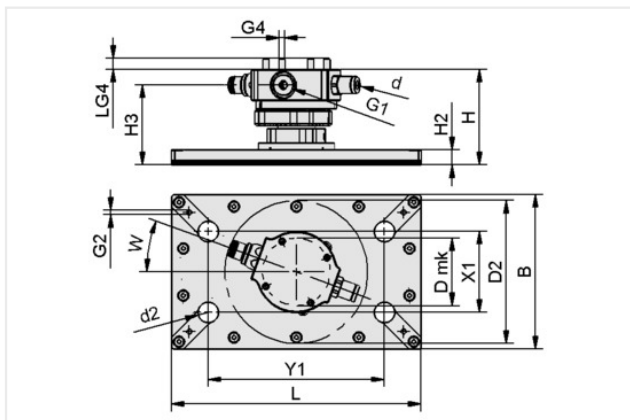
construction shape compact ejectors: High Vacuum

Material: Polyetheretherketon

Size: 13

Number of stages: 2

Design Data



Attribute	Value
B	105 mm
d	6 mm
d2	14 mm
D2	97 mm
Dmk	46 mm
G1	G1/8"-F
G2	M4-F
G4	M4-M
H	67.40 mm
H2	10.50 mm
H3	56.90 mm
L	170 mm
LG4	7.60 mm
W	20 °
X1	55 mm
Y1	120 mm

Technical Data

Attribute	Value
Holding force	85 ... 160 N
Suction rate	31 ... 38 l/min

Contact Schmalz

J. Schmalz GmbH | Johannes-Schmalz-Str.1, 72293 Glatten, Germany | +49 7443 2403-102 | customercenter@schmalz.de

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Air consumption	18 ... 28 l/min
Pressure range (operating pressure)	3.0 ... 5.0 bar
Operating temperature	5 ... 60 °C
Weight	450 g
Product family	STGG

Accessories



FLAN-PL 55x7.5-AB1

Part no.:10.01.30.00015

External diameter D: 55 mm

Length L: 7.5 mm

Size: AB1



FLAN-PL 55x7.5-EL1

Part no.:10.01.30.00208

External diameter D: 55 mm

Length L: 7.5 mm

Size: EL1

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FLAN-PL 55x9.5-JP1

Part no...:10.01.30.00194

External diameter D: 55 mm

Length L: 9.5 mm

Size: JP1

Thread G1: G3/8"-F



FLAN-PL 63x10.5-AD1

Part no...:10.01.30.00016

External diameter D: 63 mm

Length L: 10.5 mm

Size: AD1



FLAN-PL 63x11.5-UNI

Part no...:10.01.30.00017

External diameter D: 63 mm

Length L: 11.5 mm

Size: UNI

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FLAN-PL 80x12-ST1

Part no...:10.01.30.00167

External diameter D: 80 mm

Length L: 12 mm

Size: ST1



HTR M12x1-IG SWGm

Part no...:10.01.30.00119

Width B: 14 mm

Length L: 30.9 mm

Thread G1: M12x1-F

Construction use: Wafer gripper



HTR M8x1-IG SWGm

Part no...:10.01.30.00118

Width B: 14 mm

Length L: 30.9 mm

Thread G1: M8x1-F

Construction use: Wafer gripper

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HTR-UNI SWGm

Part no...:10.01.30.00117

Width B: 14 mm

Length L: 30.9 mm

Construction use: Wafer gripper

Cross-beam connection: Universal holder



SBSm 14 90-3 4/2 0

Part no...:10.01.01.12912

Width B: 14 mm

Number of holes: 3

Length L: 30.85 mm

Angle of radiation: 90 °

Connection: Hose 4/2

Slewing angle W: 0 °



SD-MOD 4 32x15x35 FG 9 SWGm

Part no...:10.01.30.00121

Width B: 15 mm

Length L: 32 mm

Construction use: Wafer gripper

Spare parts

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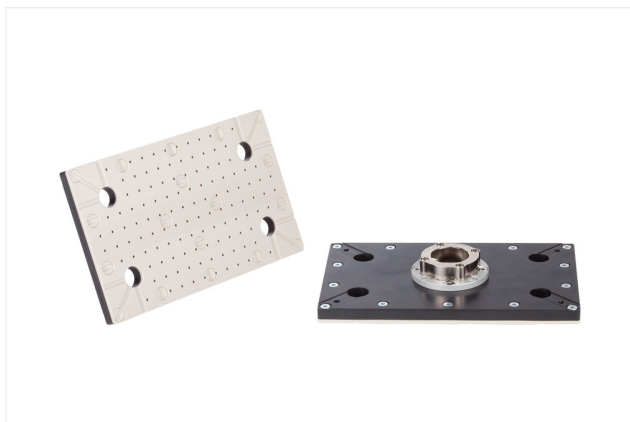
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STGG 170x105x26.9 QCFA PEEK

Part no...:10.01.30.00478

Length L: 170 mm

Width B: 105 mm

Height H: 26.9 mm

Add. function: Quick-change adapter

Material: Polyetheretherketon

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