

Wafer Gripper (mod)

SWGm-6S 146x146x65 1xE100 A PEEK

Part no...:10.01.30.00138

<https://www.schmalz.com/10.01.30.00138>

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Wafer gripper for fast and careful handling of photovoltaic components



Shape: Lateral exhaust air

Length L: 146 mm

Width B: 146 mm

Height H: 65 mm

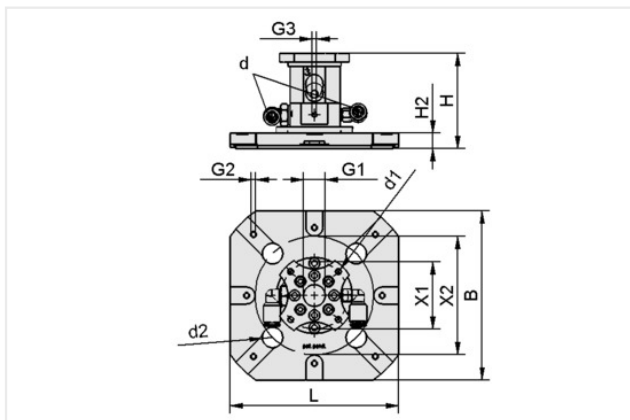
Number of ejectors: 1

Performance class: E100

construction shape compact ejectors: Blow-off function

Material: Polyetheretherketon

Design Data



Attribute	Value
B	146 mm
d	6 mm
d1	4 mm
d2	14 mm
G1	G3/8"-F
G2	M4-F
G3	M4-F
H	65 mm
H2	10.50 mm
L	146 mm
X1	46 mm
X2	110.60 mm

Technical Data

Attribute	Value
Pressure range (operating pressure)	1.0 ... 3.0 bar
Size	6
Holding force	12 ... 43 N
Suction rate	m ³ /h
Suction rate	160 ... 235 l/min
Air consumption	m ³ /h

Contact Schmalz

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Air consumption	60 ... 120 l/min
Operating temperature	5 ... 75 °C
Weight	300 g
Shape	Lateral exhaust air
Product family	SWGm

Accessories



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



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 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



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



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 °

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EMV 1.5 24V-DC 3/2 NC K-2P

Part no...:10.05.01.00288

Nominal size: 1.5 mm

Voltage DC: 24V - DC

Function: 3/2-way valve

Control valve: Normally closed

Connecting thread: M5-M

Pressure range (operating pressure): 3.5 ... 7.0 bar

Interface electrical connection: Cable, 2 pol



EMV 2.5 24V-DC 3/2 NC K-2P

Part no...:10.05.01.00289

Nominal size: 2.5 mm

Voltage DC: 24V - DC

Function: 3/2-way valve

Control valve: Normally closed

Connecting thread: G1/8"-M

Pressure range (operating pressure): 3.5 ... 7.0 bar

Interface electrical connection: Cable, 2 pol



FLAN-PL 63x10.5-AD1

Part no...:10.01.30.00016

External diameter D: 63 mm

Length L: 10.5 mm

Size: AD1

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FLAN-PL 63x11.5-UNI

Part no...:10.01.30.00017

External diameter D: 63 mm

Length L: 11.5 mm

Size: UNI



FLAN-PL 80x12-ST1

Part no...:10.01.30.00167

External diameter D: 80 mm

Length L: 12 mm

Size: ST1



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

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FLAN-PL 55x7.5-EL1

Part no...:10.01.30.00208

External diameter D: 55 mm

Length L: 7.5 mm

Size: EL1



ABL-SET 14 SWG/SCG

Part no...:10.01.30.00059

Width B: 23 mm

Length L: 25.5 mm

Hose diameter: 14 mm

Construction use: Wafer-/Coanda gripper



FLAN-PL 55x7.5-AB1

Part no...:10.01.30.00015

External diameter D: 55 mm

Length L: 7.5 mm

Size: AB1

Spare parts

Contact Schmalz

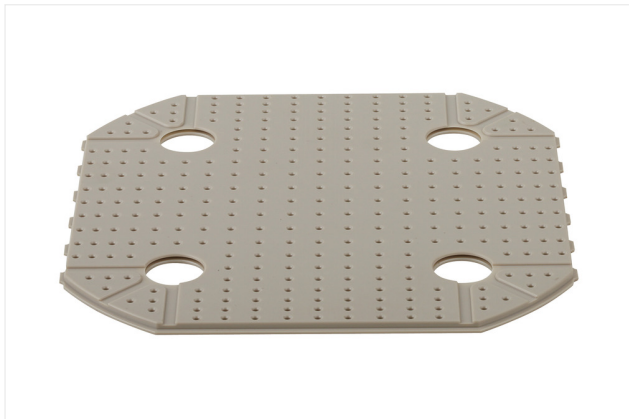
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SAUG-FL SWGm-6 141x141 PEEK

Part no...:10.01.30.00126

Length L: 141 mm

Width B: 141 mm

Height H: 3 mm

Suction cup material: Polyetheretherketone PEEK

Construction use: Wafer gripper

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