

Needle gripper

SNG-BV 10 1.2 V 100SF SBS-4POS

Part no.:10.01.29.00481

<https://www.schmalz.com/10.01.29.00481>

Home > Vacuum Technology for Automation > Vacuum Components > Special Grippers > Needle Grippers > Needle Grippers SNG-BV > SNG-BV 10 1.2 V 100SF SBS-4POS

Pneumatic needle gripper with additional positioning needles and floating suction cup function



Number of needles: 10

Needle diameter: 1.2 mm

External diameter D: 100 mm

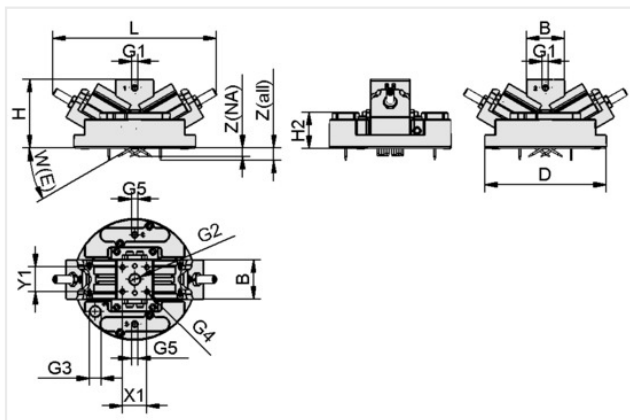
Needle stroke Z(NA): 7 mm

Pressure range (operating pressure): 3.0 ... 7.0 bar

Shape: Standard Flow

Add. function: Variable stroke

Design Data



Attribute	Value
B	100 mm
D	100 mm
G1	M5-F
G2	G1/8"-F
G3	G1/8"-F
G4	M4-F
G5	M5-F
H	56 mm
H2	29.70 mm
L	149 mm
W(E)	30 °
X1	20 mm
Y1	20 mm
Z(NA)	7 mm
Z (Stroke)	9 mm

Technical Data

Attribute	Value
Needle diameter	1.20 mm
Number of needles	10

Contact Schmalz

Schmalz S.A.S | Le Prométhée, 65 Avenue Général de Gaulle, 77420 Champs sur Marne, France | +33 1 64 731 730 | schmalz@schmalz.fr

Needle gripper

SNG-BV 10 1.2 V 100SF SBS-4POS

Part no...:10.01.29.00481

<https://www.schmalz.com/10.01.29.00481>

Product family

SNG-BV

Accessories



BEF-PL 31x34x11.5 G1/4-IG SNG

Part no...:10.01.29.00093

Construction use: Needle gripper

Length L: 31 mm

Width B: 34 mm

Height H: 11.5 mm

Thread G1: G1/4"-F



STV-GE M5-AG 6

Part no...:10.08.02.00201

Thread G1: M5-M

Hose diameter: 6 mm

Material: Brass

Operating temperature: -20 ... 80 °C

External diameter D: 9.9 mm

Length L: 18.8 mm



STV-W M5-AG 6

Part no...:10.08.02.00296

Pressure range (operating pressure): bar

Length L: 20.8 mm

Height H: 13 mm

Thread G1: M5-M

Contact Schmalz

Schmalz S.A.S | Le Prométhée, 65 Avenue Général de Gaulle, 77420 Champs sur Marne, France | +33 1 64 731 730 | schmalz@schmalz.fr

Needle gripper

SNG-BV 10 1.2 V 100SF SBS-4POS

Part no...:10.01.29.00481

<https://www.schmalz.com/10.01.29.00481>



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



ERS SNG-M 4 0.8

Part no...:10.01.29.00094

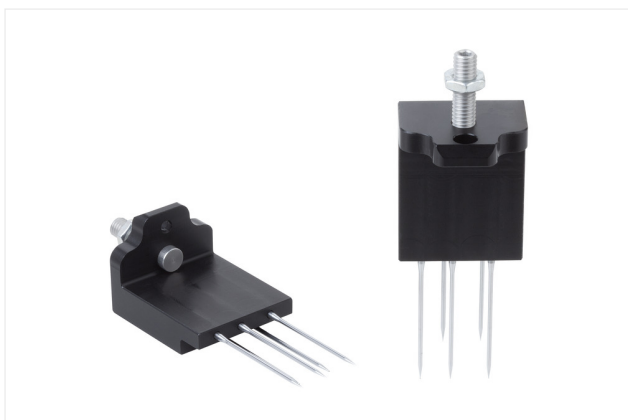
Construction use: Needle gripper

Size: M

Number of needles: 4

Needle diameter: 0.8 mm

and: Needle piston assembled / TORX screw



ERS SNG-V 10 1.2

Part no...:10.01.29.00238

Construction use: Needle gripper

Size: V

contains: 2 needle wedges mounted

Number of needles: 10

Needle diameter: 1.2 mm

Contact Schmalz

Schmalz S.A.S | Le Prométhée, 65 Avenue Général de Gaulle, 77420 Champs sur Marne, France | +33 1 64 731 730 | schmalz@schmalz.fr

Needle gripper

SNG-BV 10 1.2 V 100SF SBS-4POS

Part no...:10.01.29.00481

<https://www.schmalz.com/10.01.29.00481>



REIB-FL SBS HT1-60

Part no...:10.01.01.12593

Construction use: Floating suction cup

Suction cup material: High temperature material HT1

Material hardness [Shore A]: 60 Shore A