

Finger gripper

OFG SI-70 31.5

Part no...:10.01.51.00003

<https://www.schmalz.com/10.01.51.00003>

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Innovative finger gripper for direct food use and Pick&Place applications



Material gripping element: Silicone SI

Material hardness [Shore A]: 70 Shore A

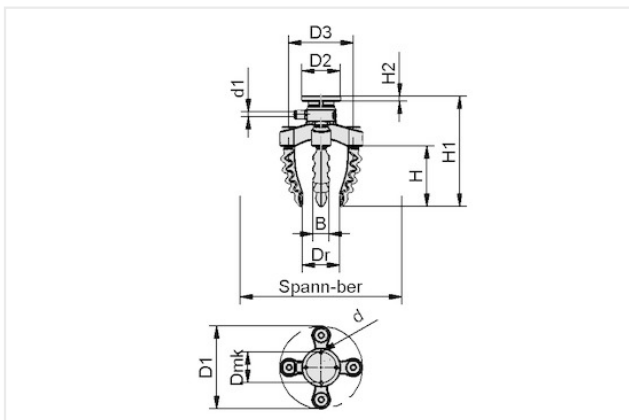
Material base body: Aluminium

Mounting: 31,5-4-M5

Protection type IP: IP 68

Hose type: Hose D = 8 d = 6

Design Data



Attribute	Value
B	26.40 mm
d	5.30 mm
d1	8 mm
D1	135 mm
D2	42 mm
D3	105 mm
Dmk	31.50 mm
Dr	60.50 mm
H	99.30 mm
H1	165.50 mm
H2	4.10 mm

Technical Data

Attribute	Value
Material base body	Aluminium
Material gripping element	Silicone SI
Pressure range (operating pressure)	-0.8 ... 1.0 bar
Operating temperature	-30 ... 80 °C
Protection type IP	IP 68
Weight	552 g

Contact Schmalz

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Accessories



STEU 24V-DC OFG-B

Part no.:10.01.51.00005

Voltage DC: 24V - DC

Construction use: Finger gripper basic

Operating temperature: 0 ... 50 °C

Pressure range (operating pressure): 6.0 ... 8.0 bar

Hose type: Hose D = 8 d = 6

Weight: 1,727 g



STEU 24V-DC OFG-C

Part no.:10.01.51.00006

Voltage DC: 24V - DC

Construction use: Finger gripper controlled

Operating temperature: 0 ... 50 °C

Pressure range (operating pressure): 6.0 ... 8.0 bar

Hose type: Hose D = 8 d = 6

Weight: 2,500 g



VSL 8-6 PU MI-TR

Part no.:10.07.09.00003

External diameter D: 8 mm

Internal diameter d: 6 mm

Length max.: 500 m

Material hose: PU

Bending radius min.: 45 mm

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

Operating temperature: -35 ... 60 °C

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Spare parts



VST OFG

Part no...:10.01.51.00008

Construction use: Finger gripper



STV-GE G1/8-AG 8

Part no...:10.08.02.00206

Thread G1: G1/8"-M

Hose diameter: 8 mm

Material: Brass

Operating temperature: °C

External diameter D: 14 mm

Length L: 20.7 mm



STV-W G1/8-AG 8

Part no...:10.08.02.00160

Thread G1: G1/8"-M

Hose diameter: 8 mm

Material: Nickel plated

Operating temperature: -20 ... 80 °C

Length L: 24 mm

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