

# Needle Grippers

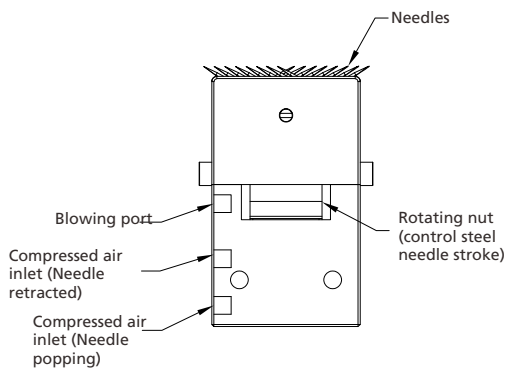
## Needle Grippers MNG-M

NO. of needles:32

Needle Grippers MNG-M



System design Needle Grippers MNG-M



### Introduction and application

- ◆ The insertion depth of the small needle is shallow, and the release function of fast air blowing is realized.
- ◆ Handling thin ventilated workpieces.
- ◆ The stroke of the needle can be adjusted.
- ◆ Handle materials that are difficult to be adsorbed by vacuum, such as composite textiles, wool, filters, woven glass fibers or carbon fibers, woven aramid, foam materials, etc.

### Design

- ◆ Strong aluminum alloy shell
- ◆ Thirty-two 0.7mm steel needles
- ◆ The stroke can be adjusted by rotating the nut
- ◆ Insertion angle 30°

### Ordering Guide Needle Grippers MNG-M

Type	NO. of needles	Needle diameter[mm]	Ordering Data
MNG-M	32	0.7	90.03.01.00043

Combined Suction Cups

Vacuum Suction Cups

Composite Suction Cups

Special Grippers

Vacuum Gripping Systems

Mounting Elements

Vacuum Generators

Valve Technology

Switch And Monitoring

Vacuum Filters

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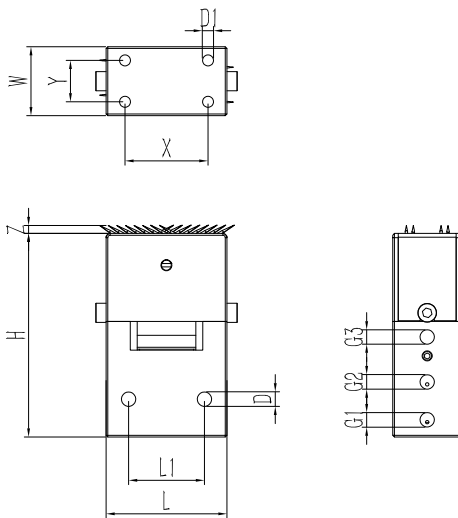
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### Technical Data Needle Grippers MNG-M

Type	NO. of needles	Needle diameter [mm]	operating pressure [bar]	Operating temperature [°C]	Weight [g]	stroke [mm]
MNG-M	32	0.7	3.0...6.0	5...60	110	2

### Design Data Needle Grippers MNG-M

MNG-M



Type	Dimensions[mm]												
	L	H	W	L1	X	Y	D	D1	G1	G2	G3	Z	
MNG-M	35	59	20	22	24	12	φ 4.2	M4	M5	M5	M5	2	