



Automation - Controls - Process

Vacuum Pad/Bowl Shape with Non-Slip Feature

ø63, ø80

New

RoHS

Non-slip special ribs

Diagonal ribs are radially arranged to secure the gripping force in all directions.
Prevents workpiece slippage
Secure adsorbing and transferring are possible.

Bowl shape with excellent flexibility

Curved workpieces can also be adsorbed.

Horizontal holding force: 231 N

Suitable for high-temperature workpieces (200°C)*1

*1 For details, refer to the specifications on page 2.

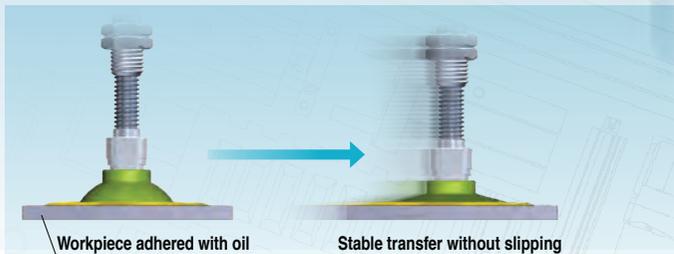
Material: FS61 (Fluoro-based rubber) improves abrasion resistance

* More than twice the abrasion resistance of urethane pads



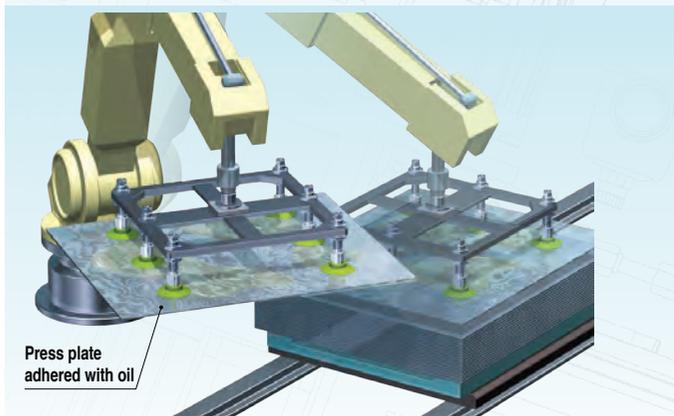
Suitable for workpieces with oil film

As oil is ejected to the grooves between special ribs, the lateral slipping of workpiece can be suppressed even on a steel plate with oil film.



Workpiece adhered with oil

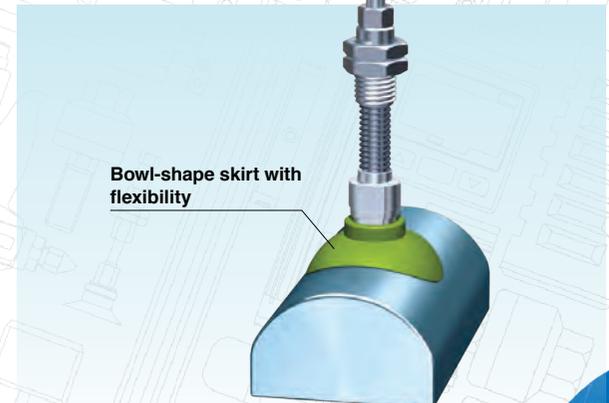
Stable transfer without slipping



Press plate adhered with oil

The bowl shape can handle curved workpieces.

The pad follows the workpiece shape, making stable adsorption possible.



Bowl-shape skirt with flexibility

ZP3M Series

Vacuum Pad/Bowl Shape with Non-slip Feature *ZP3M Series*

Mesh filter (Option)



- Reduced suction of foreign matter into the vacuum pump and ejector
- Detachable
- Opening: 250 μm

Insert-molded pad to prevent the pad from falling out of the adapter

Installation from below is possible.



Variations

Type	Mounting	Vacuum inlet direction	Connection		Vacuum inlet
			Type	Size	
	Direct mounting	Vertical	Male thread	M16 x 1.5	
			Female thread	G1/4	
				M14 x 1.0	
Square adapter	G1/4				
				G3/8	
	Plate mounting	Vertical	Male thread	M22 x 1.5	Rc1/8
		Lateral			



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