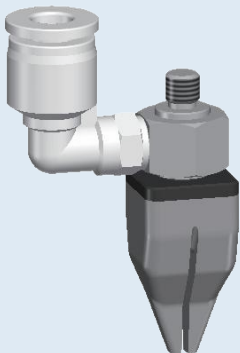


Product features

- Fingertips open under pressure state and clamp in a vacuum. Inner fingertips distance G can be adjusted by working pressure. It is suggested to be used with Rochu control unit.
- Soft beak materials divided into Strong materials [H] and Dust-free Strong material [HAS]. For workpieces with dustproof requirements, or miniature and lightweight that are prone to being adsorbed on the fingertips, Dust-free type [PAS] should be preferably selected.
- Food-grade material, can be directly used for grasping food.

	BMAC-20301[H]/S Direct-through H Type		BMAL-20301[H]/S Side-through H Type		
	BMAC-20301[HAS]/S Direct-through Dust-free H Type		BMAL-20301[HAS]/S Side-through Dust-free H Type		
Weight		6g	Weight		17.5g

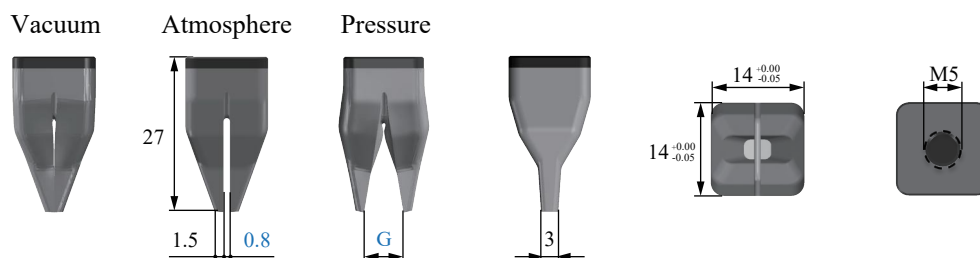
Parameter

Gripping range	0-2.8mm	Gripping force	0-2.7N	Theoretical gripping load**	0-106g	Ideal gripping workpiece size*	0.8mm
Internal gripping range	—	Internal gripping force	—	Theoretical internal gripping load**	—	Ideal internal gripping workpiece size*	—
Joint size	M5	Life time***	150 million times	Contact Temperature	<220°C	Safe pressure***	<120kPa

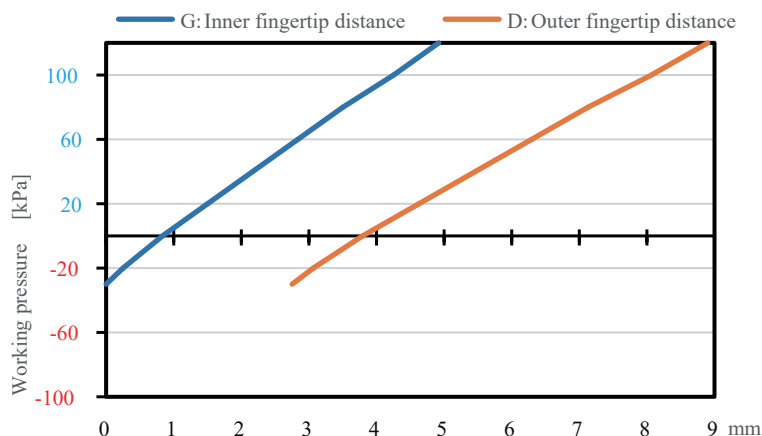
*: The width of the cuboid that generates the maximum gripping force (two-finger gripping), the outer diameter of the cylinder (multi-finger gripping), the width of the square hole (two-finger internal gripping), or the inner diameter of the circular hole (multi-finger internal gripping);

**: Only the theoretical load of the ideal workpiece under standard working conditions is marked for reference and comparison. The real load capacity is also affected by factors such as the surface structure and roughness of the workpiece. Please take the measured data as the standard;

***: The working air pressure and the surface roughness of the workpiece in the usage scenario may have different degrees of impact on the life-time. Please configure Rochu control Unit. Do not exceed the safe air pressure.



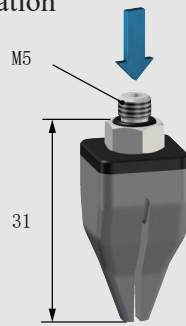
Pressure-Fingertip Distance deformation curve



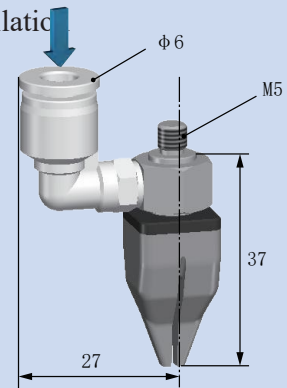
BMAC Straight Fitting Installation



Scan to watch videos



BMAL Side Fitting Installation

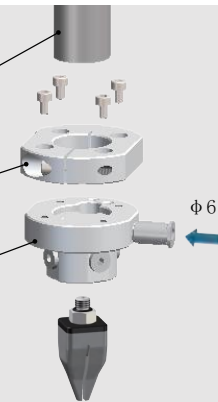


Scara Robotic Arm Installation

φ20mm Scara Robotic Arm

CP-193(Optional)

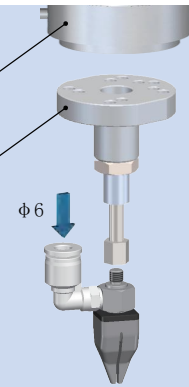
CP-191(Optional)



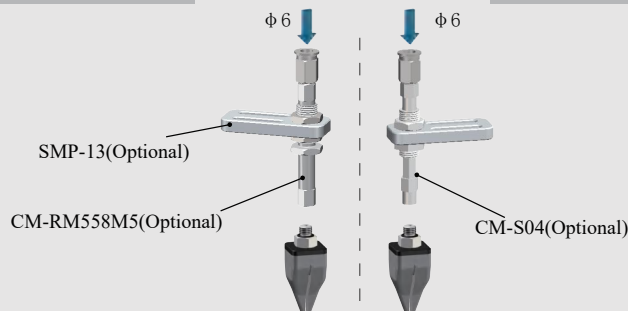
Robotic Arm Flange Side Fitting Installation

Six Axis Robotic Arm

FCM-S01(Optional)

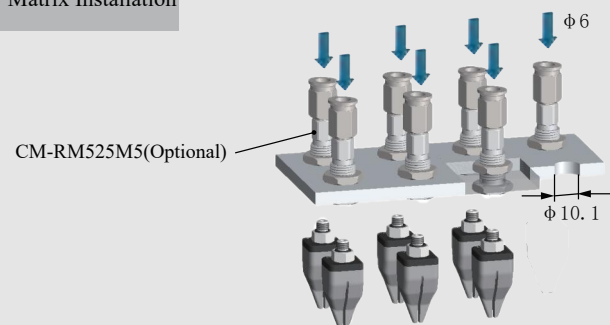


Rigid Connection Installation

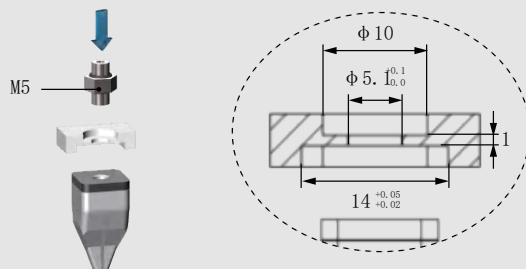


Buffer Installation

Matrix Installation



Precise Positioning Installation



Photoelectric Sensor Installation

Flexible Probe SE-FP32(Optional)

Fiber Optic Amplifier SE-OF40N (Optional)

