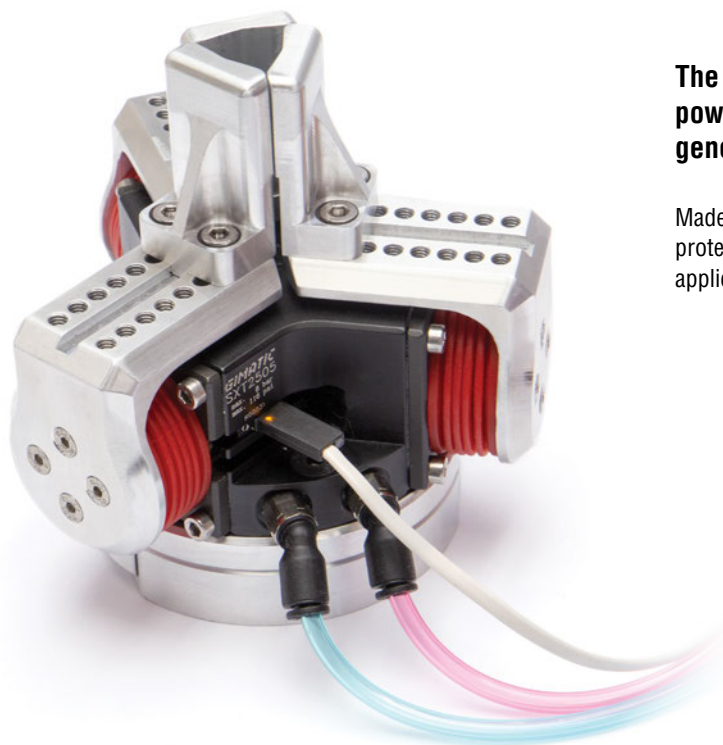


EMI Gripper Kit – Three-Jaw SXT for Industrial Cobots



The SXT gripper kit by EMI uses a concentric, powerful 3-jaw gripper ideal for machine tending and general handling of cylindrical workpieces.

Made out of high-quality machined components with a IP67 protection class, the SXT Gripper is ideal for a variety of industrial applications.

Quick# 8006
CRK-SXT2505-A
KIT PRICE: \$1,495.⁰⁰

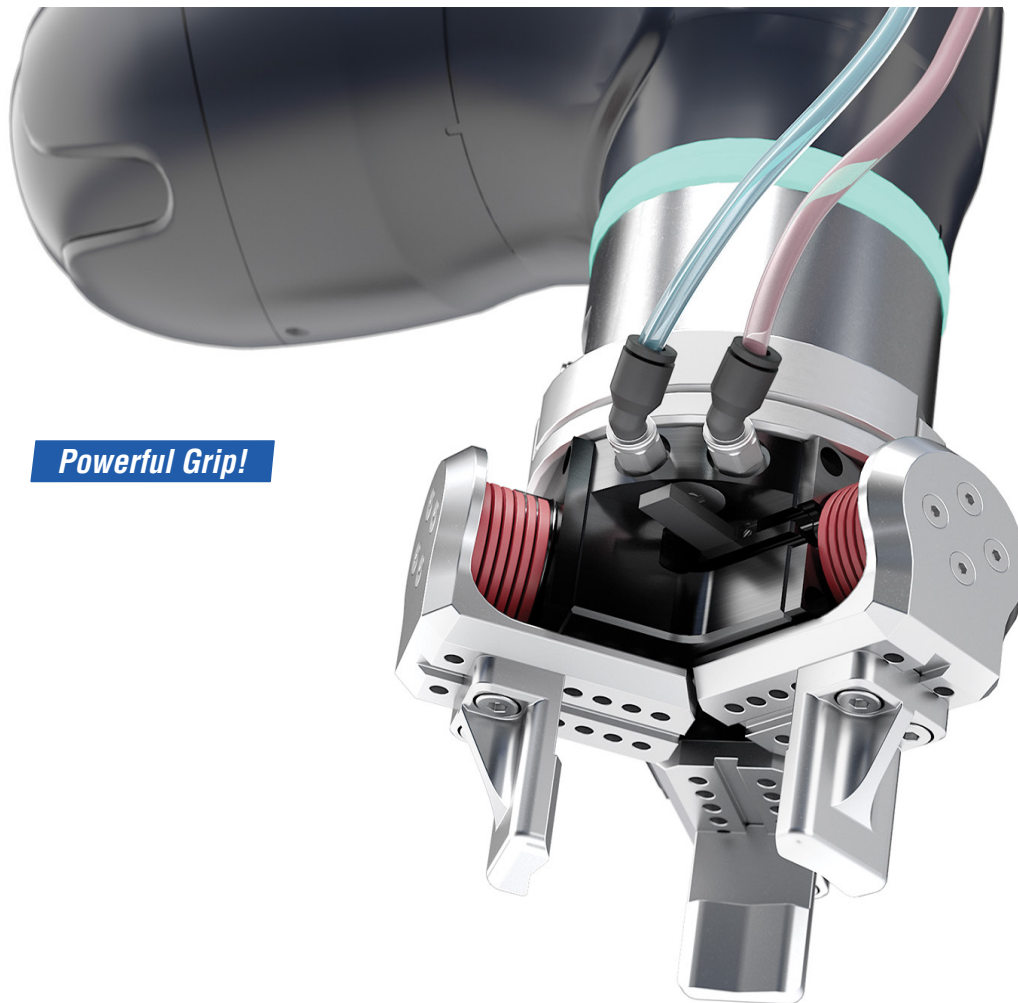


Part#	SXT2505	SXT4008	SXT5012	SXT6315
Quick#	7172	7173	7174	7175
Medium	Filtered, lubricated / non-lubricated compressed air			
Operating pressure range	36–116 psi			
Total Opening force at 87 psi	168lbf	438lbf	708lbf	1112lbf
Total Closing force at 87 psi	131lbf	337lbf	539lbf	809lbf
Stroke (±0.5mm)	3x5mm	3x8mm	3x12mm	3x15mm
Opening / closing time without load	0.02s	0.02s	0.05s	0.15s
Repetition accuracy	0.05mm			
Mid-stroke detection capability	No	Yes, with Magneto-resistive sensor		
Weight of Gripper (only)	420g	1100g	2000g	3800g

SXT Concentric, Self-Centering Three-Jaw Gripper Kit:

- This versatile kit can be adapted to other SXT Gripper sizes with various strokes and gripping force upon request.
- Completely sealed with IP67 protection class.
- Double acting with 5/2 solenoid valve and cable management clamps.
- Includes 1 magnetic sensor for open/close position detection.
- The included interface plate mounts directly to any robot with an ISO-9409-1-50-4-M6 tool flange. Contact EMI if you need a different interface plate.
- Includes an alternative set of V-Groove fingers to extend the gripping range.
- Includes USB drive with literature and robot software plug-in.
- CRK-SXT2505-A Mass: 825g (subject to change per configuration).

EMI Gripper Kit – Three-Jaw SXT for Industrial Cobots



Powerful Grip!

Compatible with any robot and with all the features to make it easy to install and kick off on your next Cobot application.

CRK-SXT2505-A Gripper Kit Includes:



Quick# 8016

5/2 Solenoid valve with fittings, muffers, and non-slip Velcro® strap.



Quick# 8015

Two cable management clamps with non-slip Velcro strap.



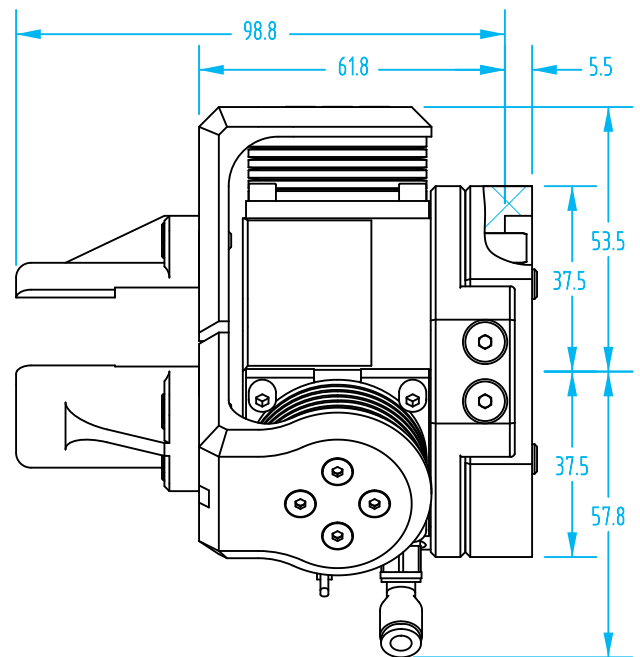
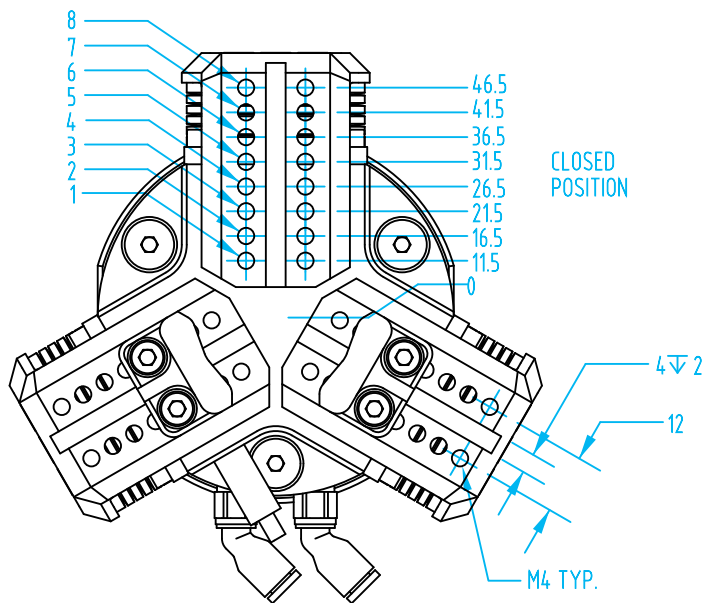
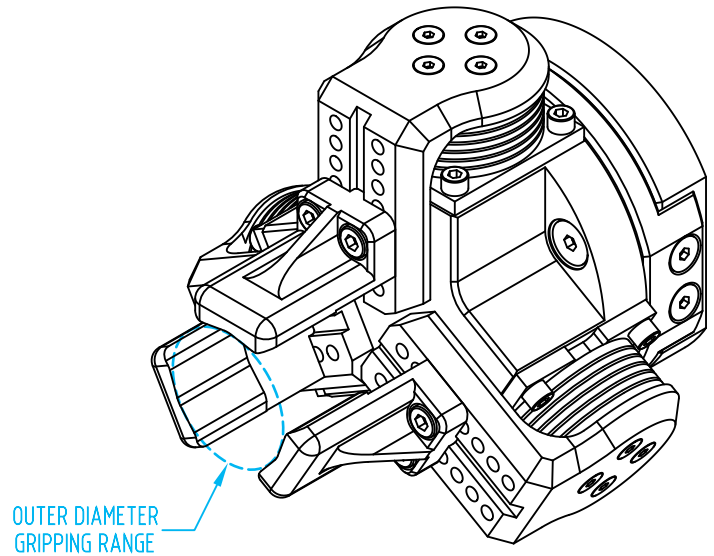
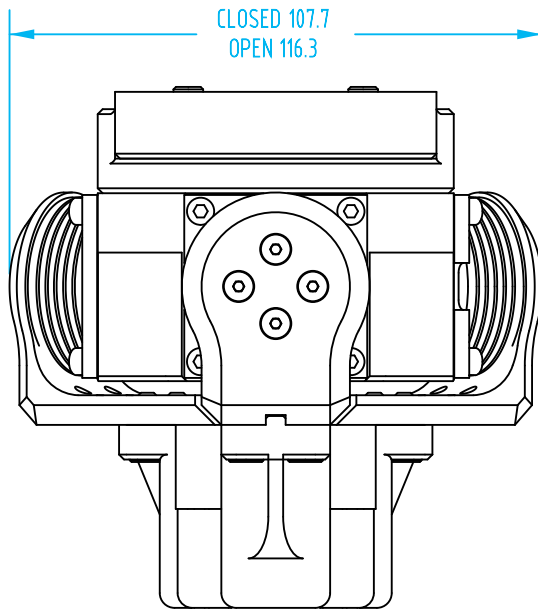
Alternate V-Groove fingers to extend the gripping range. Contact EMI for custom fingers.



USB drive with robot plugin, and user manual.

EMI Gripper Kit – Three-Jaw SXT for Industrial Cobots

(Dimensioned drawing reduced to fit)



Finger Mount Position	Outer Diameter Gripping Range			
	Gripper Finger		Gripper Finger +2.5	
	Min (mm)	Max (mm)	Min (mm)	Max (mm)
1	N/A	N/A	N/A	N/A
2	12.3	22.2	12	17.2
3	22.2	32	17.2	27.1
4	32	41.9	27.1	36.9
5	41.9	51.7	36.9	46.8
6	51.7	61.6	46.8	56.6
7	61.6	71.4	56.6	66.5
8	71.4	81.3	66.5	76.3

SXT Gripper Options for Industrial Cobots



EMI's plate EOAT removes the part from the injection mold, hands it off to the Cobot end effector customized by our Engineers, and delivers the workpiece to a Cobot-Ready Conveyor. EMI helped automate this real world application in a customer facility. See page 194 for more information about our Conveyors!



EMI's SXT concentric gripper kit uses a 3D printed extended boom to reach into a box to place the workpiece.



An EMI-designed plate EOAT removes the part from the mold and delivers it to the Cobot EOAT to be packaged.

