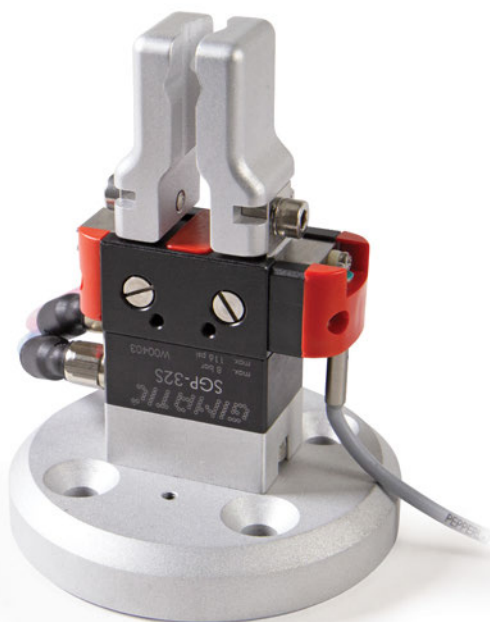


## EMI Gripper Kit – Two-Jaw SGP for Industrial Cobots



EMI's experience in high precision applications prove that the SGP family of grippers are the perfect solution for a wide variety of industrial gripper needs.

The SGP High Precision Gripper Kit by EMI is a double-acting parallel gripper ideal for high precision applications such as insert loading or high accuracy pick-and-place. With blank finger-mounting jaws, the possibilities are virtually endless with the ability to use custom fingers that fit your exact application.

**Quick# 8001**

CRK-SGP32S-A

**KIT PRICE: \$695.<sup>00</sup>**



Quick#	7693	6780	6781	6782	6783	7694
Part#	SGP-16S	SGP-20S	SGP-25S	SGP-32S	SGP-40S	SGP-50S
Medium	Filtered, lubricated / non-lubricated compressed air					
Pressure range	36–116 psi		30–116 psi			
Opening total gripping force at 87 psi	7.2 lbf	10.4 lbf	23.4 lbf	30.2 lbf	36 lbf	65.2 lbf
Closing total gripping force at 87 psi	6.2 lbf	9 lbf	21.2 lbf	27 lbf	32.8 lbf	56.6 lbf
Total stroke (± 0.3mm)	3mm	4mm	6mm	8mm	12mm	16mm
Maximum repeatability tolerance	±0.02mm					
Mid-stroke detection capability	Yes, with use of inductive sensor or PRO-SN.. sensor					
Gripper weight	19g	33g	43g	86g	170g	250g

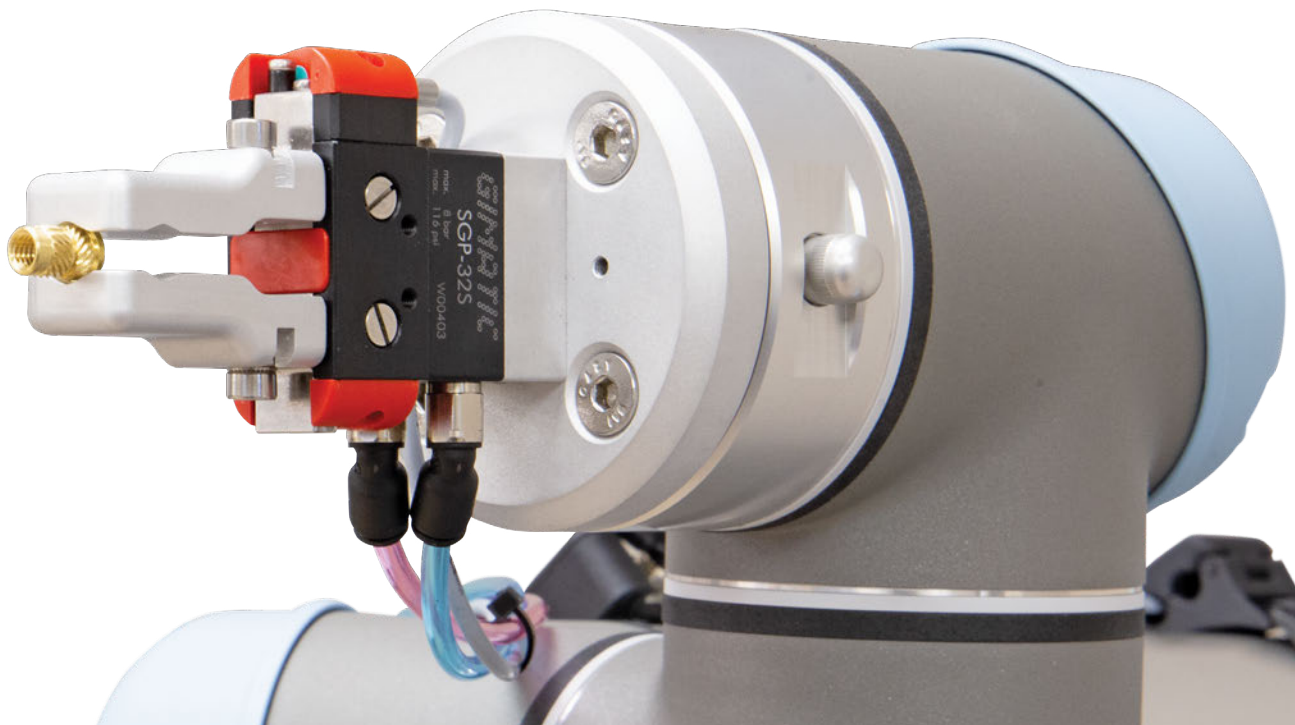
### SGP Parallel, High-Precision Gripper Kit :

- This versatile kit can be adapted to other SGP Gripper sizes with various strokes and gripping force upon request.
- Double acting with patented backlash adjusting system.
- The rugged construction lends itself to heavy-duty applications for a trouble-free long life without maintenance.
- Includes 5/2 solenoid valve and cable management clamps.
- Includes 1 inductive sensor for mid-stroke workpiece 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.
- 0–8mm V-Groove fingers included.
- Includes USB drive with literature and robot software plug-in.
- CRK-SGP32S-A Mass: 285g (subject to change per configuration).

## EMI Gripper Kit – Two-Jaw SGP for Industrial Cobots



Includes USB drive with literature and robot software plug-in.



### CRK-SGP32S-A Gripper Kit Includes:



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



Two cable management clamps with non-slip Velcro strap.



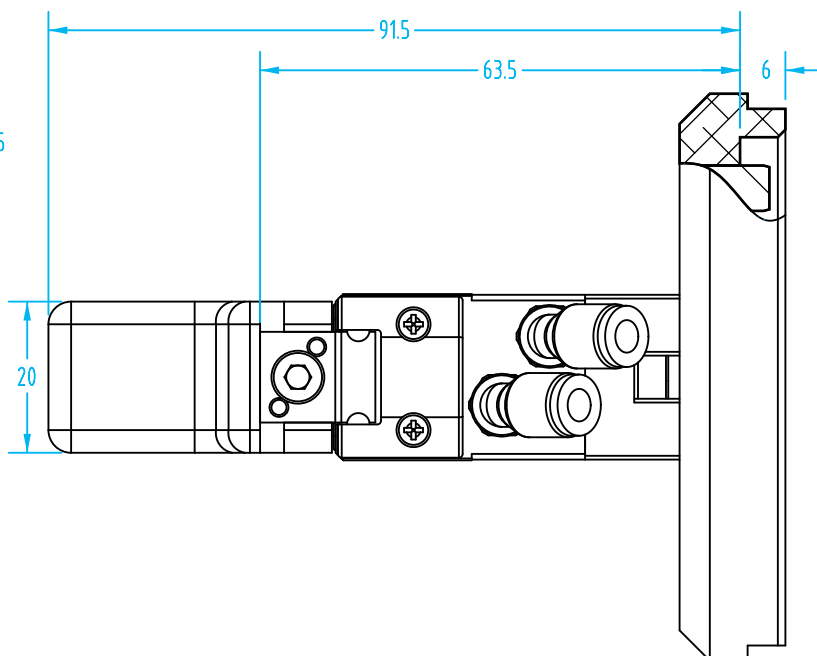
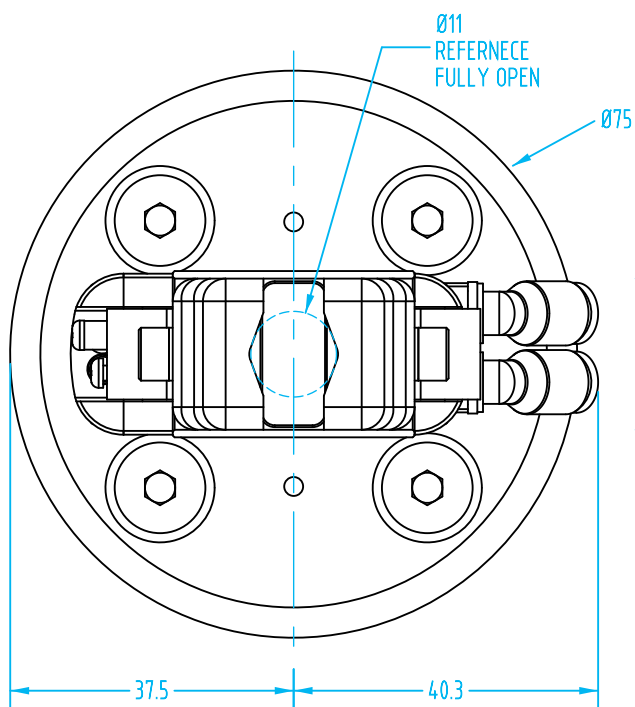
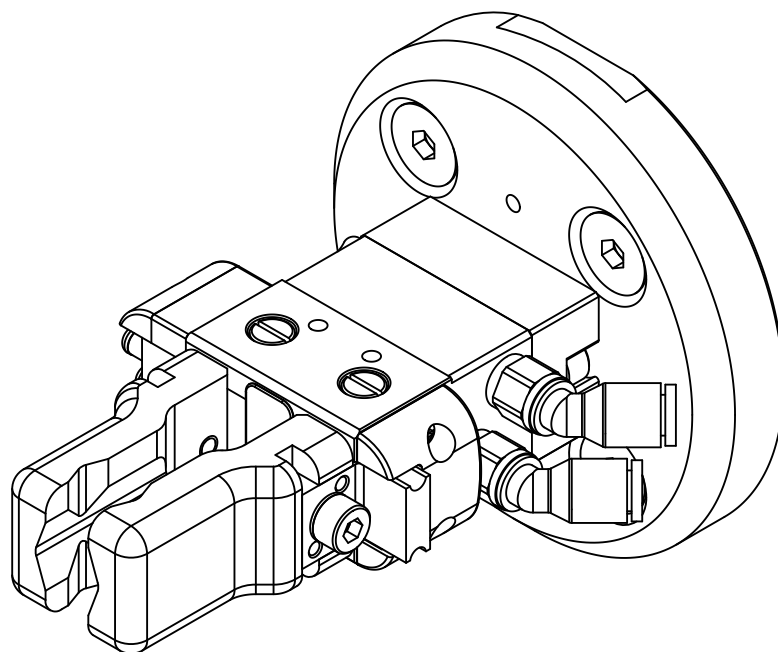
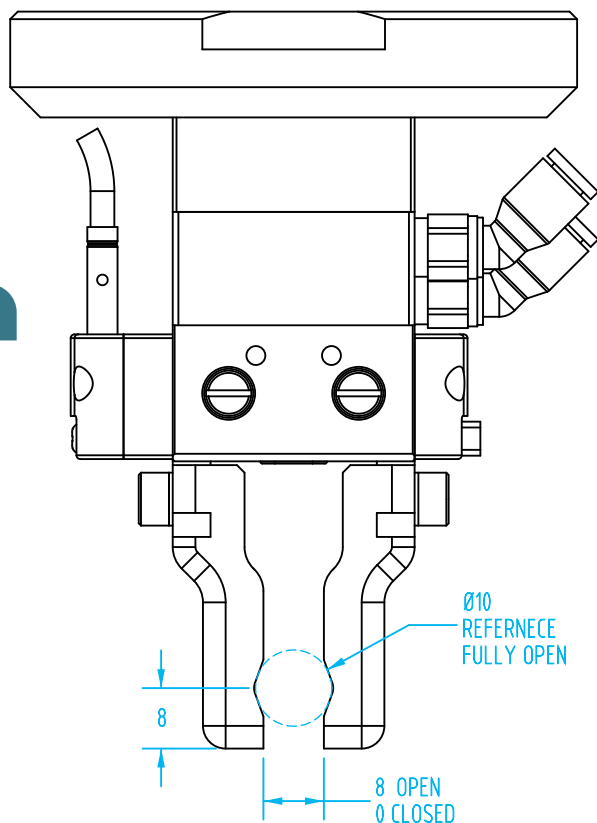
A high precision inductive sensor with M8 connector is included in the kit for part detection.



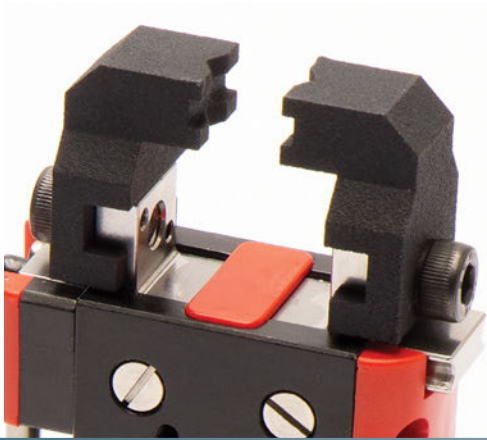
Interface plates, magnetic sensor for part detection, USB drive with robot plugin, and user manual.

# EMI Gripper Kit – Two-Jaw SGP for Industrial Cobots

(Dimensioned drawing shown full scale)

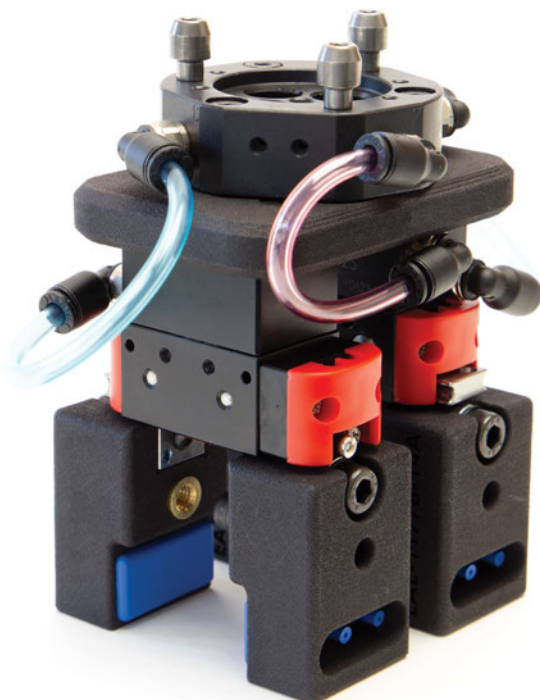
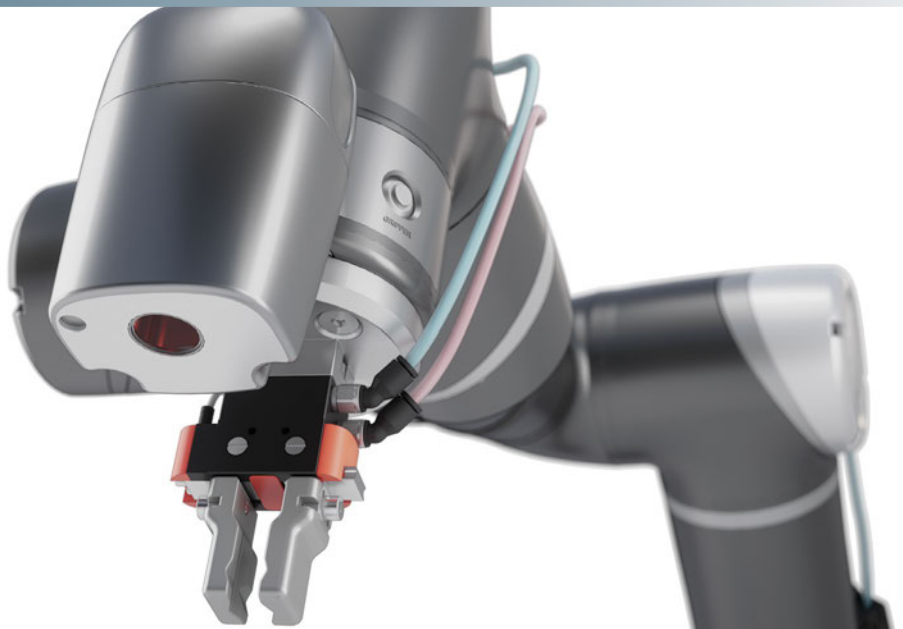


## SGP Gripper Options for Industrial Cobots



- Custom 3D printed gripper fingers from EMI are ideal for use on EOAT in plastics as well as on collaborative robot grippers.
- We can provide engineering support to develop 3D printed or machined fingers.

**Cost Effective,  
High Precision!**



- **Designed for SCARA robots.**
- Quick Changer QC50 for quick set-up.
- Automatically engages pneumatic and electrical circuits.
- Padded fingers for an increased friction hold and softer touch to prevent damage.
- SGP-S Precision grippers are used for small work pieces and accurate handling.

This custom EOAT was **\$1,346.00**

**For more SCARA applications, see page 180.**