

EMI Gripper Kit – Magnet Gripper for Industrial Cobots

The MAG Gripper Kit for Industrial Cobots by EMI is a pneumatically-driven gripper **ideal for insert loading** as well as handling of ferromagnetic workpieces.

The MAG Gripper Kit offers customization with the ability to mount custom-made nests and sensors to make sure the part is picked, held and placed accurately.

Quick# 8003

CRK-MAG40-A

KIT PRICE: \$695.⁰⁰

Quick#	Part#	Holding Force *	Remaining Force	Operating Pressure	Operating Temp.	Wt. of Gripper
1993	SGM-30-G18-IG	7.8 lbf	0.06 lbf	50.7–87 psi	41°–158°F	130g
1994	SGM-40-G14-IG	22.4 lbf				240g
1995	SGM-50-G14-IG	40.4 lbf				440g

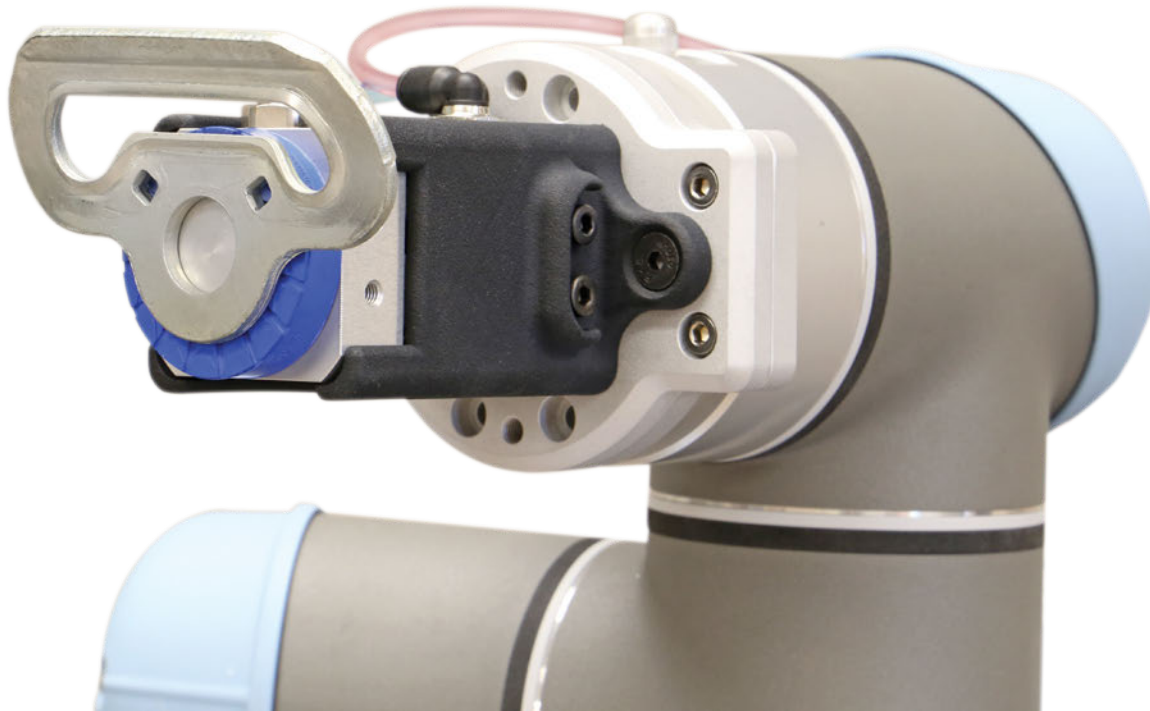
*Note: The value given is a static value with no safety factor; based on a plate with a thickness of 2mm.
For system configurations with magnetic grippers, a safety factor of S = 3 must be applied.

MAG40, Double-Acting Magnetic Gripper Kit:

- This versatile kit can be adapted to other SGM Gripper sizes with various gripping forces upon request.
- Compact, heavy-duty aluminum housing with permanent magnet for handling of ferromagnetic workpieces.
- Double acting with 5/2 solenoid valve and cable management clamps.
- Includes a 3D printed protective shroud.
- Multiple options for nest and sensor mounting.
- 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.
- Replaceable polyurethane ring for delicate handling and added friction.
- CRK-MAG40-A Mass: 555g (subject to change per configuration).
- See website for dimensional drawing.

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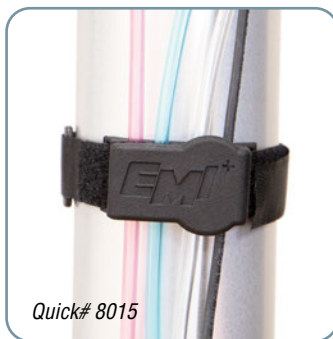
The protective shroud design and interface plate make this double-acting gripper easy to mount to your cobot. EMI's included robot plugin makes the installation and programming simple and intuitive.



CRK-MAG40-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.



Package with 3D printed insert for storage.



Interface plates, USB drive with robot plugin, and user manual.

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Gimatic MAG Gripper



Schmalz SGM-HP