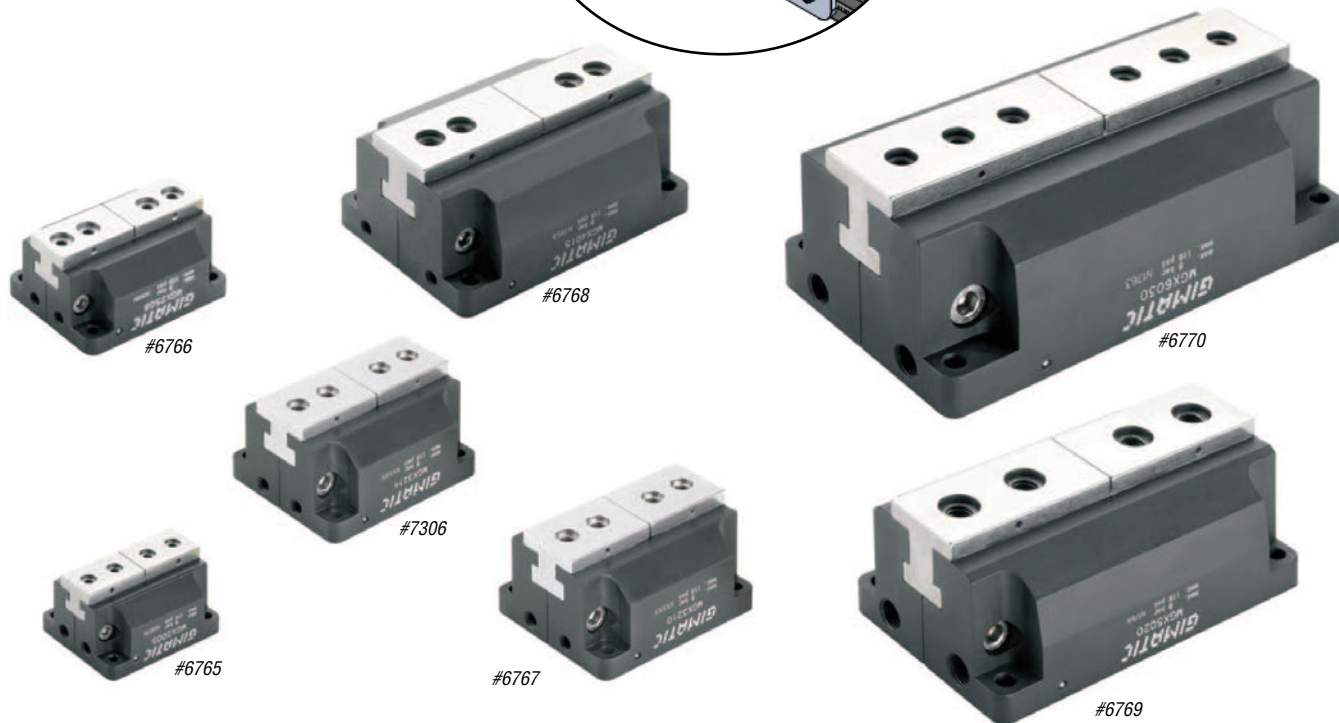
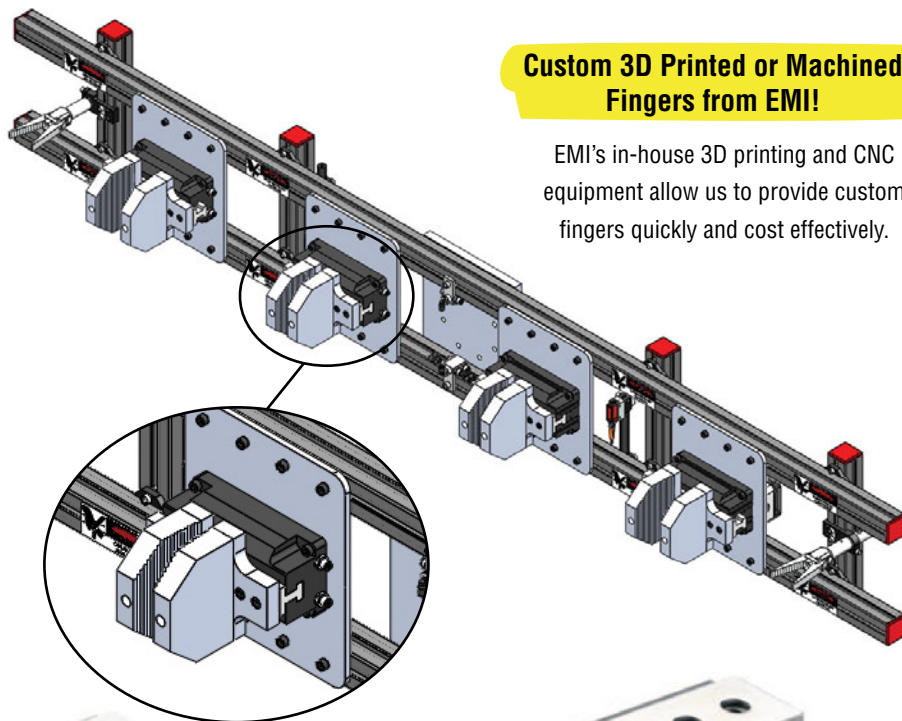


## High-Precision Gripper – MGX

- Flat profile.
- Self-centering.
- Robust guidance.
- High gripping force.
- Lightweight and small size.
- High dimensional accuracy.
- Spring closed (-NC) or spring open (-NO) option available.
- See Sensor Reference Guide on page 1010 for a complete list of compatible sensors.

**Custom 3D Printed or Machined Fingers from EMI!**

EMI's in-house 3D printing and CNC equipment allow us to provide custom fingers quickly and cost effectively.



Quick#	6765	6766	6767	7306	6768	6769	6770
Part#	MGX2005	MGX2508	MGX3210	MGX3214	MGX4015	MGX5020	MGX6030
Price	\$484.00	\$546.00	\$609.00	\$609.00	\$641.00	\$703.00	\$766.00
Medium	Filtered, lubricated / non-lubricated compressed air						
Pressure range	30–116 psi						
Total gripping force at 87 psi	40.2 lbf	65.2 lbf	103.4 lbf	72 lbf	168.6 lbf	292.2 lbf	373.2 lbf
Total stroke (±0.3mm)	5mm	8mm	10mm	14.6mm	15mm	20mm	30mm
Maximum repeatability tolerance	±0.02mm						
Midstroke detection capability	Yes, see Sensor Reference Guide on page 1010 for details.						
Weight	95g	150g	270g	270g	545g	900g	1525g

For more information visit: [www.EMICorp.com](http://www.EMICorp.com)

# High-Precision Gripper – MGX

**Reference:**

- D2-** Thru-hole for gripper fastening
- D5-** Air Connection
- D6-** Direct air feeding
- D7-** Inductive sensor mounting hole
- D8-** Inductive sensor mounting hole
- D9-** Sensor slot

	MGX2005	MGX2508	MGX3210	MGX3214	MGX4015	MGX5020	MGX6030
<b>A</b>	35.8	42	51	51	61.2	70	78.6
<b>B</b>	44	55	62	62	93	118	153
<b>C</b>	28.3	33	42	42	51	58	66
<b>D1</b>	Ø5 H7	Ø7 H7	Ø7 H7	Ø7 H7	Ø7 H7	Ø9 H7	Ø9 H7
<b>D2</b>	Ø3.2	Ø4.2	Ø4.2	Ø4.2	Ø5.2	Ø6.2	Ø6.2
<b>D3</b>	Ø5 H7	Ø7 H7	Ø7 H7	Ø7 H7	Ø9 H7	Ø12 H7	Ø9 H7
<b>D4</b>	M3	M4	M5	M5	M6	M8	M6
<b>D5</b>	M5	M5	M5	M5	M5	G1/8"	G1/8"
<b>D6</b>	M3	M3	M3	M3	M3	M3	M3
<b>E</b>	36.5	46	52	52	80	105	140
<b>F</b>	12.5	15.5	18	18	27.5	37	43.5
<b>G</b>	27.2	333.6	41.4	41.4	49.6	58.6	67.6
<b>H</b>	14	16	22	22	25	28	30
<b>I</b>	26	28.5	36	36	42	49	58
<b>J</b>	22	24	31	31	37	43	51
<b>K</b>	4	4.5	5	5	5	6	7
<b>L</b>	11.2	12.7	16	16	20	25	29
<b>M</b>	49	63	72	76	108	138	183
<b>N</b>	44	55	62	62	93	118	153
<b>P1</b>	1.2	1.5	1.5	1.5	1.5	2	2
<b>P2</b>	5.5	6	8.4	8.4	9	10	13.5
<b>P3</b>	1.2	1.5	1.5	1.5	2	2.5	2.5
<b>P4</b>	5	5.2	7	7	9	12	12
<b>Q</b>	11	12	16	16	31.2	32	40
<b>R</b>	9	10	12	12	12	24	20
<b>S</b>	5.5	6	8	8	12.5	14	15
<b>T</b>	5.8	6	6	6	6	8	8
<b>U</b>	20.8	24	33	33	41.2	46	54.6
<b>V</b>	29	37	42	42	65	88	106
<b>Z</b>	17	20	26	26	30	33	35
<b>PZ</b>	0.5	0.5	0.8	0.8	0.8	0.8	0.8

