Magnetic gripper – pneumatically controlled

Safe handling thanks to permanent magnets





Product notes

> Reliable handling of a wide variety of sheet metal and ferromagnetic workpieces, with or without holes or cut-outs
> High holding force thanks to powerful permanent magnet poles
> Robust and compact aluminium housing
> Highly wear-resistant and quickly replaceable NBR friction rings prevent scratches caused by contact between the workpiece and the gripper

Notes

> A safety factor of 3 has been taken into account in the recommended working load specifications
> These magnetic grippers operate in a bistable manner, i.e. they retain the last control signal received. Ventilation openings must not be blocked.

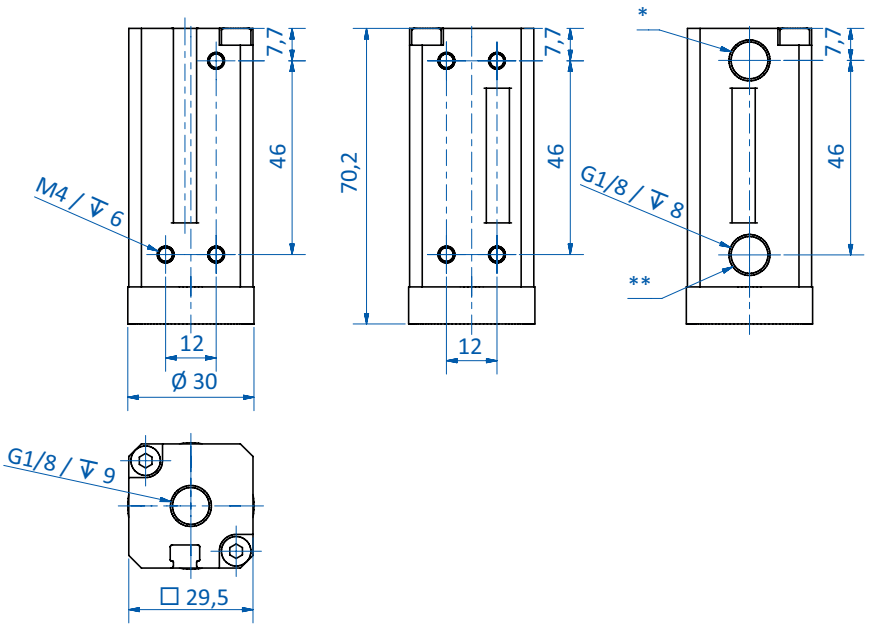
Ordering notes

> Friction ring included in the scope of delivery

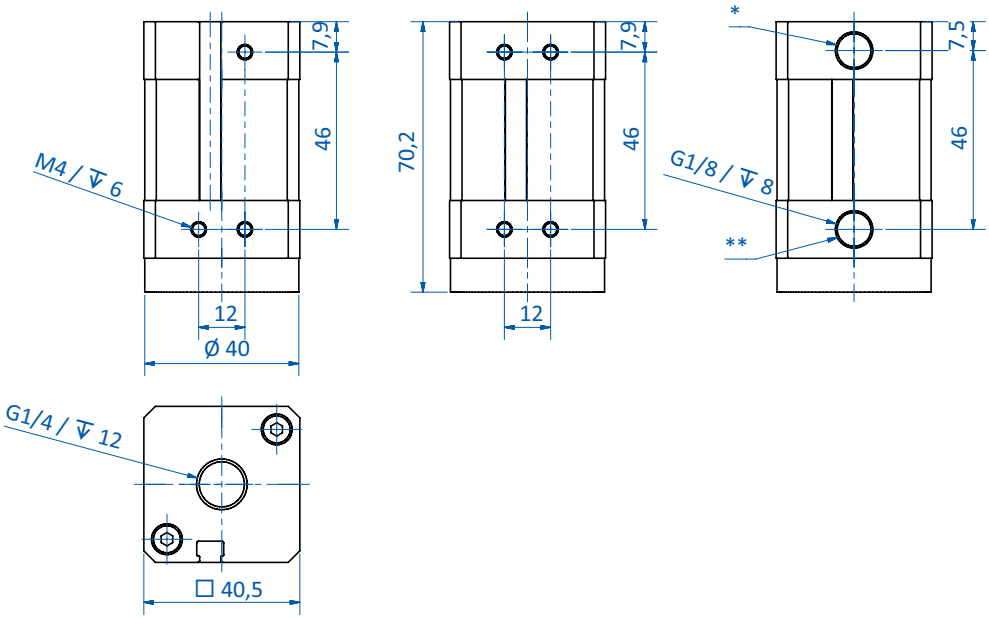
Technical data

Item no.	Principle of operation	Pressure range [bar (psi)]	Gripping force [N]	Recommended workload [N]	Residual gripping force [N]	Operating temperature [°C (°F)]	Weight [g]	Accessories
PMG30-B	double-acting	3.5 - 6 (50.8 - 87)	35	11	0.3	5 - 70 (41 - 158)	135	Friction ring: PMG30-B-NBR Sensor: GS04.011
PMG40-B	double-acting	3.5 - 6 (50.8 - 87)	100	33	0.3	5 - 70 (41 - 158)	252	Friction ring: PMG40-B-NBR Sensor: GS04.011
PMG50-B	double-acting	3.5 - 6 (50.8 - 87)	180	60	0.3	5 - 70 (41 - 158)	473	Friction ring: PMG50-B-NBR Sensor: GS04.011
PMG70-B	double-acting	3.5 - 6 (50.8 - 87)	290	96	0.3	5 - 70 (41 - 158)	1,061	Friction ring: PMG70-B-NBR Sensor: GS04.011

Dimensions

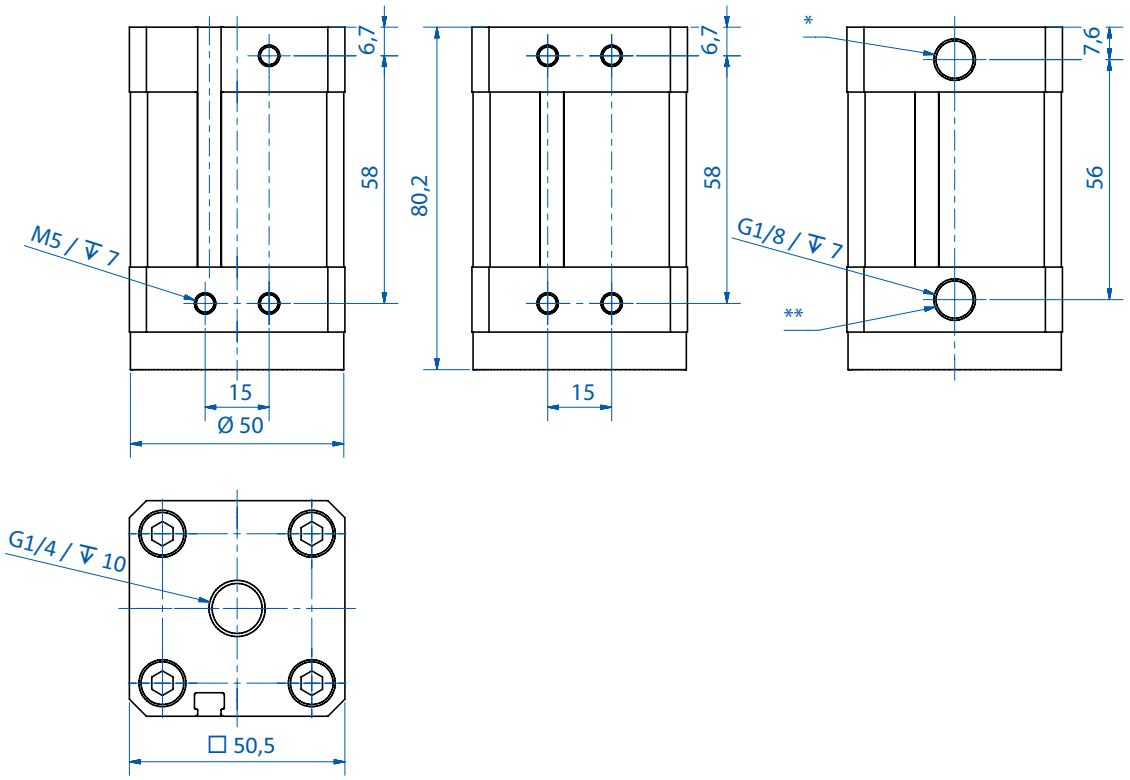


PMG30-B

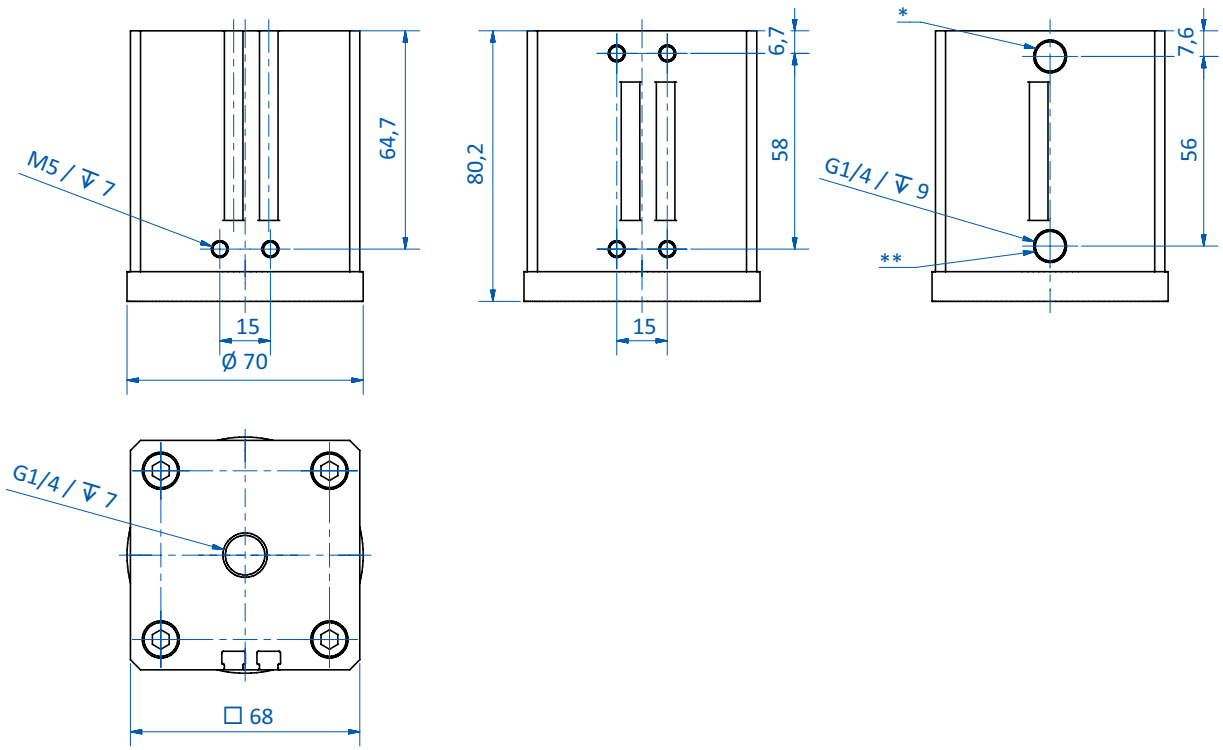


PMG40-B

Dimensions



PMG50-B



PMG70-B