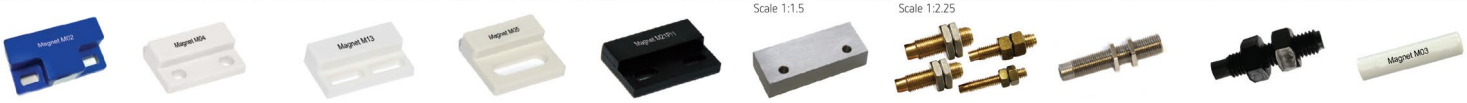
Magnets in Housings

➢ **M02, M03, M04, M05, M11, M13, M21 and M27 Magnets in Housing are AlNiCo-Magnets mounted in robust casings matching with the MK-Reed Sensor Series for screw fasten, threaded or PCB mount.**

M02	M04	M13	M05	M21P/(1,2)	M27	M11(B)	M11(S)	M11(P)	M03
Dimensions in mm (inches)				/1= horizontal screw slot /2= vertical screw slot					
L - 32.4 (1.275)	L - 23 (0.905)	L - 23 (0.905)	L - 23.2 (0.913)	L - 28.6 (1.125)	L - 50.0 (1.969)	L - 38 (1.496)	L - 25 (0.984)	L - 38 (1.496)	L - 25 (0.984)
W - 16.7 (0.657)	W - 13.9 (0.547)	W - 13.9 (0.547)	W - 19.6 (0.771)	W - 19 (0.748)	W - 20.0 (0.787)	Ø - M6-M12	Ø - M5 x 0.5 / M8 x 0.5	Ø - M8 x 1.25	Ø - M5 x 0.5
H - 10 (0.393)	H - 5.9 (0.232)	H - 5.9 (0.232)	H - 5.9 (0.232)	H - 6.35 (0.25)	H - 10.0 (0.394)	–	–		
					Scale 1:1.5	Scale 1:2.25			



Part Description: M00

Housing Option
02, 03, 04, 05, 11(S), 11(P), 11(B), 13, 21P/1, 21P/2, 27

Series	Housing Material	Magnet Material	Magnetic Moment Typ.*	Magnet Length (mm)	Magnet Width (mm)*	Magnet Height (mm)
M02	PBT Glass Fiber Reinforced	AlNiCo	22.2	32.4	16.7	10.0
M03	PBT Glass Fiber Reinforced	AlNiCo	22.2	25.5	M5 x 0.5	-
M04	PBT Glass Fiber Reinforced	AlNiCo	22.2	23.0	13.9	5.9
M05	PBT Glass Fiber Reinforced	AlNiCo	22.2	23.0	19.4	5.9
M11(S)	High Grade Steel (1.4305)	AlNiCo	18.0 / 22.2	25.0	M5/M8 x 0.5	-
M11(P)	Plastic	AlNiCo	22.2	38.0	M8 X 1.25	-
M11(B)	Brass	AlNiCo	18.0 / 22.2	38.0	M6, 8, 10, 12	-
M13	PBT Glass Fiber Reinforced	AlNiCo	22.2	23.0	13.9	5.9
M21P/1	Crastin SK655FR1	AlNiCo	22.2	28.5	19.0	6.5
M21P/2	Crastin SK655FR1	AlNiCo	22.2	28.5	19.0	6.5
M27	Aluminum	AlNiCo		50.0	20.0	10.0

* Unit for Magnetic Moment E-6 Vs*cm; Measured with MS150

** Stands for Diameter or Thread Size

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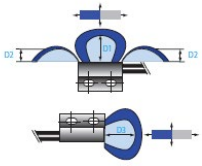
Magnets in Housings

Activation Distances

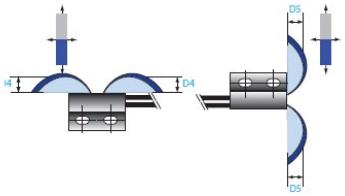
Note: The mentioned distances in millimeters in the table are typical values, they can differ in applications











Type	Part-No.	Magnetic Sensitivity	Position and Movement max. Pull-In Distance mm					Position and Movement min. Drop-Out Distance in mm				
			D1	D2	D3	D4	D5	D1	D2	D3	D4	D5
MK03-1A66B-500W	2232711054	> 1,70	15	6,5	9,3	8,5	8,5	17,5	8,0	11,4	10,1	10,1
MK03-1A66C-500W	2233711054	> 2,30	13	4,4	7,4	7,2	7,2	16,5	6,5	9,9	9,5	9,5
MK03-1A66D-500W	2234711054	> 2,70	11	4	5,7	6,5	6,5	14,5	5,5	8,5	9	9
MK03-1A66E-500W	2235711054	> 3,10	10	3,5	4,5	5,7	5,7	13,5	5	8	8,5	8,5
MK04-1A66B-500W	2242661054	> 1,70	15	6,5	9,3	8,5	8,5	17,5	8,0	11,4	10,1	10,1
MK04-1A66C-500W	2243711054	> 2,30	13	4,4	7,4	7,2	7,2	16,5	6,5	9,9	9,5	9,5
MK04-1A66D-500W	2244711054	> 2,70	11	4	5,7	6,5	6,5	14,5	5,5	8,5	9,0	9,0
MK04-1A66E-500W	2245661054	> 3,10	10	3,5	4,5	5,7	5,7	13,5	5	8	8,5	8,5
MK05-1A66B-500W	2252711054	> 1,70	15	6,5	9,3	8,5	8,5	17,5	8	11,4	10,1	10,1
MK05-1A66C-500W	2253711054	> 2,30	13	4,4	7,4	7,2	7,2	16,5	6,5	9,9	9,5	9,5
MK05-1A66D-500W	2254661054	> 2,70	11	4	5,7	6,5	6,5	14,5	5,5	8,5	9	9
MK05-1A66E-500W	2255661054	> 3,10	10	3,5	4,5	5,7	5,7	13,5	5	8	8,5	8,5
MK06-4-A	2206040000	> 1,70	18	8,5	15	12	13,5	19	9,5	16	13,5	15
MK06-4-B	2206040001	> 1,70	16	7,5	12,5	10,5	11	17	8	13,5	11,5	12
MK06-4-C	2206040002	> 2,30	14	7	10,5	9,5	9,5	16	7,5	13	11	12
MK06-4-D	2206040003	> 2,70	13	6,5	10	9	9	15	7	11,5	10	10,5
MK06-4-E	2206040004	> 3,10	12	5,5	8,5	8	8	13	6	9,5	9	9
MK12-1A66B-500W	9122711054	> 1,70	18	8	14	13	11,5	20,5	10	17	14,5	13
MK12-1A66C-500W	9123711054	> 2,30	16	6	11,5	9,5	8,5	18	8,5	15	12,5	11,5
MK12-1A66D-500W	9124711054	> 2,70	14	5	7,5	7,5	5,5	17	6,5	11,5	11,5	9,5
MK12-1A66E-500W	9125711054	> 3,10	13	4	5,5	7	3,5	16	6	11	11	8,5
MK11/M8-1A66B-500W	9118266054	> 1,70	15,0	6,5	9,3	8,5	8,5	17,5	8	11,4	10,1	10,1
MK11/M8-1A66C-500W	9118366054	> 2,30	13	4,4	7,4	7,2	7,2	16,5	6,5	9,9	9,5	9,5
MK11/M8-1A66D-500W	9118066054	> 2,70	11	4	5,7	6,5	6,5	14,5	5,5	8,5	9	9
MK11/M8-1A66E-500W	9118566054	> 3,10	10	3,5	4,5	5,7	5,7	13,5	5	8	8,5	8,5

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Magnets in Housings

Type	Part-No.	Magnetic Sensitivity	Position and Movement max. Pull-In Distance mm					Position and Movement min. Drop-Out Distance in mm				
			D1	D2	D3	D4	D5	D1	D2	D3	D4	D5
MK13-1A66B-500W	9132661054	> 1,70	15,0	6,5	9,3	8,5	8,5	17,5	8	11,4	10,1	10,1
MK13-1A66C-500W	9133711054	> 2,30	13,0	4,4	7,4	7,2	7,2	16,5	6,5	9,9	9,5	9,5
MK13-1A66D-500W	9134711054	> 2,70	11,0	4,0	5,7	6,5	6,5	14,5	5,5	8,5	9	9
MK13-1A66E-500W	9135661054	> 3,10	10,0	3,5	4,5	5,7	5,7	13,5	5	8	8,5	8,5
MK14-1A66B-500W	9142711054	> 1,70	15	7	11	10	8	16	8	12	12	9
MK14-1A66C-500W	9143711054	> 2,30	11	5	8	9	6	13	6,5	10	11	7,5
MK14-1A66D-500W	9144711054	> 2,70	10	4	6	6	4,5	12	5	8	8	6,5
MK14-1A66E-500W	9145711054	> 3,10	9	3	4	4	2,5	11	4,5	7	6	5
MK15-B-2	9151710022	> 1,70	14	6,5	7	9	7	16	8	9	9,5	8
MK15-C-2	9151710023	> 2,30	13	6	6,5	8,5	6,5	15	7,5	8,5	9	7,5
MK15-D-3	9151710024	> 2,70	12	5,5	6	7,5	5,5	14	7	8	8,5	7
MK15-E-3	9151710025	> 3,10	11	5	4,5	7	3,5	13	6	7	8	6
MK16-B-2	9161870022	> 1,70	15	7	11	10	9,5	16	8	12	11	11
MK16-C-2	9161870023	> 2,30	13	6	8	8	8	14,5	7	10	10	9,5
MK16-D-2	9161870024	> 2,70	12	5,5	7	7,5	7	14	6,5	9	9,5	9
MK16-E-2	9161870025	> 3,10	11	5	6	7	5,5	13,5	6	9,5	9	8,5
MK17-B-2	9171009022	> 1,70	15	7,5	12,5	10	11	16	8	13,5	11	12
MK17-C-2	9171009023	> 2,30	14,5	7	10	9	9,5	15,5	7,5	11,5	10	10,5
MK17-D-2	9171009024	> 2,70	12,5	6	9,5	8	8	14	7	11	9,5	9,5
MK17-E-2	9171009025	> 3,10	12	5,5	8,5	7,5	7,5	13,5	6,5	10,5	8,5	9
MK18-B-300W	9182100034	> 1,70	16,5	8	14,5	10	12	18,5	9,5	16,5	10,5	14
MK18-C-300W	9183100034	> 2,30	14	7	11	9	9,5	15,5	8	12,5	10	11
MK18-D-300W	9184100034	> 2,70	12	5,5	9	8	7,5	14	7,5	11	9,5	10
MK18-E-300W	9185100034	> 3,10	11	5	7	7	6	13,5	7	10,5	9	9,5
MK20/1-B-100W	9202100014	> 1,70	11	5,5	9	6,5	7,5	11,5	6	10	7	8
MK20/1-C-100W	9203100014	> 2,30	10,5	5	8	6	7	11	5,5	9	6,5	7,5
MK20/1-D-100W	9204100014	> 2,70	10	4,5	7	5,5	6,5	10,5	5	8	6	7
MK20/1-E-100W	9205100014	> 3,10	9,5	4	6	5	6	10	4,5	7	5,5	6,5
MK21M-1A66B-500W	9212100054	> 1,70	13	5,5	4,5	8	3	14	6,5	5,5	9	4
MK21M-1A66C-500W	9213100054	> 2,30	11	4	2,5	6,5	1,5	13	6	4,5	8,5	3,5
MK21M-1A66D-500W	9214100054	> 2,70	9,5	3,5	1	5	1	11,5	5	2,5	7	2
MK21M-1A66E-500W	9215100054	> 3,10	8	2,5	x	4	x	10	3,5	x	6	x

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