

MAGNET LOCK SETS

—NORMAL TYPE • COMPACT TYPE—

☎ Non JIS material definition is listed on P.1351 - 1352

Normal Type RoHS **MLK**

SS400 magnet MLK40 • 100 Neodymium magnet (Heat resistance: up to 80°C)
MLK80 • 200 SmCo magnet (Rare earth) (Heat resistance: up to 200°C)

Holder

Block

SS400

Compact Type RoHS **MLKC**

SS400 magnet MLKC20 • 50 Neodymium magnet (Heat resistance: up to 80°C)
MLKC40 • 100 SmCo magnet (Rare earth) (Heat resistance: up to 200°C)

Holder

Block

SS400

Normal Type

Part Number	Adhesion strength (per set under 20°C)	A	B	S	L	T	t	D ₁	D ₂	Identification collar	d ₁	d ₂	△	U/Price 1~9
MLK 40	392.3N {40kgf}	63	25	60	80	25	12	18	22	Gold (Brass)	9	14	CB8—25 4pcs. Spring washers	4pcs.
MLK 80	784.5N {80kgf}									Silver (Aluminum)				
MLK100	980.7N {100kgf}	100	39	79	126	40	15	30	34	Gold (Brass)	11	18	CB10—30 4pcs. Spring washers	4pcs.
MLK200	1961.3N {200kgf}									Silver (Aluminum)				

☎ Adhesion strength per set indicates the vertical force by which a holder and a block adhered each other can be separated.

- Features**
- Is easier to install compared with other types of mold locking units.
 - Requires little slowing down for mold closing. (making the molding cycle more efficient)

Compact Type

Part Number	Adhesion strength (per set under 20°C)	A	S	L	T	D ₁	D ₂	Identification collar	d ₁	d ₂	△	U/Price 1~9
MLKC 20	196.1N {20kgf}	36	36	50	25	17.5	22	Gold (Brass)	6.6	11	CB6—25 4pcs. Spring washers	4pcs.
MLKC 40	392.2N {40kgf}							Silver (Aluminum)				
MLKC 50	490.3N {50kgf}	52	52	70	40	29.5	34	Gold (Brass)	9	14	CB8—30 4pcs. Spring washers	4pcs.
MLKC100	980.6N {100kgf}							Silver (Aluminum)				

☎ Adhesion strength per set indicates the vertical force by which a holder and a block adhered each other can be separated.

- Features**
- MLKC40 • 100 is about 50%~60% smaller than normal type (MLK).
 - Is easier to install compared with other types of mold locking units.
 - Requires little slowing down for mold closing. (making the molding cycle more efficient)



Order

Part Number
MLK100
MLKC100



Price

Quotation

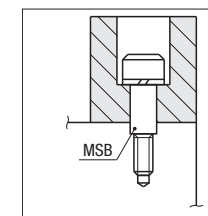


Days to Ship

Quotation

How to Mount

- Install the magnet lock sets with the mold closed.
- Place them onto the mold's center, and fasten with the supplied bolts.
- Install them so that the magnetic face is in parallel to the parting line.
- Finish the plate surfaces so that the lock's magnets tightly couple together.
- Use MSB Shoulder Bolts if bolt breakage is anticipated. ☎ P.1192 To use a MSB Shoulder Bolt, make sure to create a counterbore on the plate. Finish the counterbore into H7 or so.



Example

