

MAGNETIC HOLDERS

Model KM PERMANENT MAGNETIC HOLDER

List of permanent magnetic holders

Size	Height	OD "h" Tolerance	Plating	Painting	Peripheral Knurling	Stainless Steel Spec.	Heat-Resistance Spec.
φ 5	× 8	KM-0005					
	× 13		KM-0005L				
φ 7	× 8	KM-0007					
	× 13		KM-0007L				
φ 10	× 8		KM-0010H		KM-0010J	KM-0010H-SUS	
	× 15	KM-H001	KM-001				
	× 18		KM-T001				
φ 15	× 15	KM-H0015	KM-0015				
	× 18		KM-T0015				
φ 18	× 8		KM-0018H		KM-0018J	KM-0018H-SUS	
φ 20	× 15	KM-H002	KM-002				
	× 18		KM-T002				
φ 25	× 10		KM-0025H		KM-0025J	KM-0025H-SUS	
	× 25	KM-H0025		KM-025C			
φ 26	× 25						
	× 30		KM-T0025				
φ 30	× 25				KM-03C		
	× 33				KM-T003		
φ 40	× 30				KM-04C		
φ 40	× 40						KM-T004T
φ 50	× 40				KM-05C		
φ 50	× 45						KM-T005T
φ 70	× 40				KM-07C		
φ 80	× 45				KM-08C		
26 × 26	× 25				KM-025S		
26 × 60	× 25				KM-06S		

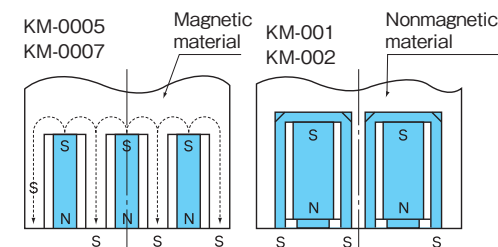
[Application]

Can be used to hold down drawings, rules and paper patterns. The holders with a tapped hole on the back can be used widely by installing them on jigs. Can be incorporated in press dies. Can hold workpieces during wire cutting.

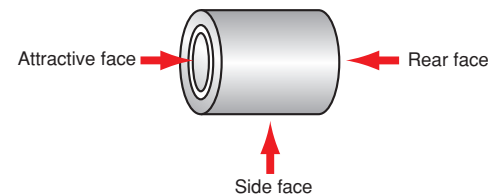
[Features]

- Six types of specifications; OD tolerance, plating, painting, peripheral knurling, stainless steel spec. and heat-resistance spec. are available for selection according to applications.
- By matching the OD "h" tolerance, the holders can be incorporated in dies.
- A tapped hole on the back makes the holders useful in various applications.

Embedded in a jig (Example)



Names of faces



Upper limit of working temperature

The holding power drops as body temperature rises. The following types are available. The original holding power returns to the original level when the temperature drops to normal temperature.

■ Type A (Alnico magnet used)

Superior in terms of temperature. The holding power as high as 85% can be maintained at 350°C when the holding power at 20°C is 100%. This type can be used up to 400°C intermittently for a short period of time.

■ Type B (Samarium-cobalt type rare earth magnet used)

The holding power drops to about 95% at 100°C and to about 85% at 200°C when the holding power at 20°C is 100%. For continuous use, the upper limit is 150°C and for intermittent use for a short period of time, this type may be used up to 200°C.

■ Type C (Neodymium rare earth magnet used)

The holding power drops to about 85% at 50°C and to about 70% at 100°C when the holding power at 20°C is 100%. The upper limit for continuous use is 100°C.

KM-0005 KM-0007 KM-001 KM-0015 KM-002 KM-025C KM-03C KM-04C	KM-05C KM-07C KM-08C KM-0005L KM-0007L KM-H KM-T	KM-025S	KM-06S

※ The holding power may drop when the holder is worked on additionally. In particular, additional work in the radial direction has large influence on the holding power and therefore, must be limited to a minimum necessary scope.

area: Additionally workable.

indicates the attractive face.

