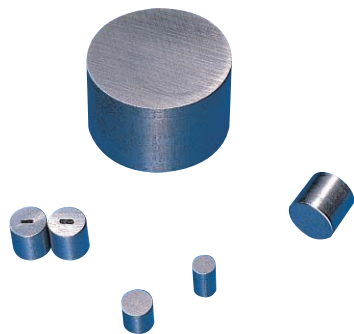


No.3 ALNICO MAGNET (ROUND)



● Cast magnets consisting mainly of iron, aluminum, nickel and cobalt (Fe, Al, Ni, Co). These magnets feature a larger residual magnetic flux density and magnetic stability against changes in temperature.

[mm (in.)]

Size (Diameter × Length)									
φ 3 (0.11) × 8 (0.31)	φ 3 (0.11) × 9 (0.35)	φ 3 (0.11) × 12 (0.47)	φ 3 (0.11) × 20 (0.78)	φ 3 (0.11) × 22 (0.86)					
φ 4 (0.15) × 10 (0.39)									
φ 5 (0.19) × 8 (0.31)	φ 5 (0.19) × 10 (0.39)	φ 5 (0.19) × 15 (0.59)	φ 5 (0.19) × 20 (0.78)	φ 5 (0.19) × 25 (0.98)	φ 5 (0.19) × 60 (2.36)				
φ 6 (0.23) × 8 (0.31)	φ 6 (0.23) × 12 (0.47)	φ 6 (0.23) × 15 (0.59)	φ 6 (0.23) × 20 (0.78)	φ 6 (0.23) × 25 (0.98)	φ 6 (0.23) × 60 (2.36)				
φ 8 (0.31) × 10 (0.39)	φ 8 (0.31) × 16 (0.62)	φ 8 (0.31) × 50 (1.96)							
φ 10 (0.39) × 10 (0.39)	φ 10 (0.39) × 15 (0.59)	φ 10 (0.39) × 30 (1.18)	φ 10 (0.39) × 50 (1.96)	φ 10 (0.39) × 100 (3.93)	φ 10 (0.39) × 140 (5.51)				
φ 13 (0.51) × 10 (0.39)	φ 13 (0.51) × 12 (0.47)								
φ 14 (0.55) × 10 (0.39)									
φ 15 (0.59) × 70 (2.75)									
φ 20 (0.78) × 15 (0.59)									
φ 25 (0.98) × 15 (0.59)	φ 25 (0.98) × 20 (0.78)								

※ Sizes not listed above are special sizes.

No.4 RARE EARTH MAGNET (RECTANGULAR/ROUND)



- Very small yet strong magnetic force.
- The samarium-cobalt type having high thermal stability and corrosion resistance and the neodymium type having the highest magnetic force and strong mechanical strength and less susceptible to cracking are available.

As other sizes (not shown) are available, please contact us with your requirements.

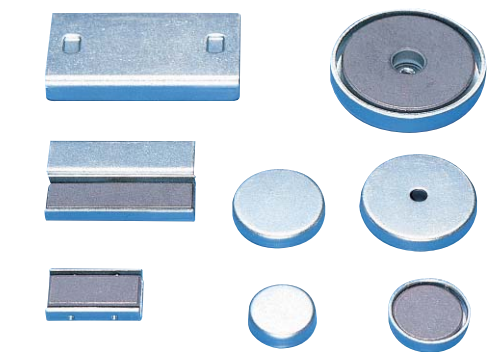
Rectangular [mm (in.)]

Samarium-Cobalt		Neodymium			
Size	Thickness	Size	Thickness	Size	Thickness
45 (1.77) × 25 (0.98)	10 (0.39)	12 (0.47) × 7 (0.27)	4 (0.15)	20 (0.78) × 15 (0.59)	5 (0.19)
		20 (0.78) × 12 (0.47)	5 (0.19)	30 (1.18) × 30 (1.18)	10 (0.39)

Round

Samarium-Cobalt			Neodymium			
Size (Diameter × Length)			Size (Diameter × Length)			
φ 2 (0.07) × 2 (0.07)	φ 2.5 (0.09) × 3 (0.11)		φ 2 (0.07) × 2 (0.07)	φ 2 (0.07) × 3 (0.11)		
φ 3 (0.11) × 1.5 (0.05)	φ 3 (0.11) × 2 (0.07)	φ 3 (0.11) × 3 (0.11)	φ 3 (0.11) × 2 (0.07)	φ 3 (0.11) × 3 (0.11)	φ 3 (0.11) × 10 (0.39)	
φ 4 (0.15) × 2 (0.07)	φ 4 (0.15) × 3 (0.11)	φ 4 (0.15) × 4 (0.15)	φ 4 (0.15) × 2 (0.07)			
φ 5 (0.19) × 3 (0.11)	φ 5 (0.19) × 5 (0.19)		φ 5 (0.19) × 3 (0.11)	φ 5 (0.19) × 5 (0.19)		
φ 6 (0.23) × 2 (0.07)	φ 6 (0.23) × 3 (0.11)	φ 6 (0.23) × 4 (0.15)	φ 6 (0.23) × 2 (0.07)	φ 6 (0.23) × 3 (0.11)	φ 6 (0.23) × 5 (0.19)	
φ 7 (0.27) × 3 (0.11)						
φ 8 (0.31) × 3 (0.11)	φ 8 (0.31) × 4 (0.15)		φ 8 (0.31) × 3 (0.11)	φ 8 (0.31) × 4 (0.15)	φ 8 (0.31) × 5 (0.19)	φ 8 (0.31) × 8 (0.31)
φ 10 (0.39) × 3 (0.11)	φ 10 (0.39) × 5 (0.19)	φ 10 (0.39) × 10 (0.39)	φ 10 (0.39) × 3 (0.11)	φ 10 (0.39) × 5 (0.19)	φ 10 (0.39) × 10 (0.39)	
φ 12 (0.47) × 5 (0.19)			φ 14 (0.55) × 10 (0.39)			
φ 15 (0.59) × 5 (0.19)			φ 15 (0.59) × 5 (0.19)			
φ 20 (0.78) × 3 (0.11)	φ 20 (0.78) × 5 (0.19)		φ 20 (0.78) × 5 (0.19)			
			φ 22 (0.86) × 10 (0.39)			

No.5 SIMPLE MAGNETIC HOLDER



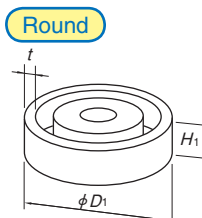
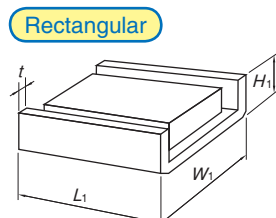
Simple holders consisting of an isotropic ferrite permanent magnet covered by an iron yoke. Dimensionally, the finishing accuracy is not good and these holders are not recommended for incorporation in jigs/fixtures. These holders are recommended for the purpose of attraction only by themselves at low cost.

Round [mm (in.)]

Model	Yoke Dimensions			Magnet Dimensions	Magnet Type	Remarks
	D_i	H_i	t			
KM-FC2	φ 18 (0.70)	5 (0.19)	0.8 (0.03)	φ 15 (0.59) × 4 (0.15)	Isotropic	
KM-FC4	φ 24 (0.94)		0.55 (0.02)	φ 20 (0.78) × 4 (0.15)		
KM-FC5	φ 31.6 (1.24)	4.7 (0.18)	0.8 (0.03)	φ 28 (1.10) × φ 5.5 (0.21) × 3.5 (0.13)		φ 4.3 hole provided
KM-FC6	φ 36 (1.41)	7 (0.27)	1.6 (0.06)	φ 30 (1.18) × 5 (0.19)		
KM-FC7	φ 44 (1.73)	8 (0.31)		φ 38 (1.49) × φ 9 (0.35) × 5.7 (0.22)	Anisotropic	M4 tapped hole provided
KM-FC8	φ 86 (3.38)	10 (0.39)	2.3 (0.09)	φ 80 (3.15) × φ 40 (1.57) × 8 (0.31)	Isotropic	φ 6 hole provided

Rectangular [mm (in.)]

Model	Yoke Dimensions				Magnet Dimensions	Magnet Type	Remarks
	L_i	W_i	H_i	t			
KM-FK3	20 (0.78)	34 (1.33)	7 (0.27)	1.6 (0.06)	20 (0.78) × 30 (1.18) × 5 (0.19)	Isotropic	
KM-FK5	55 (2.16)	30 (1.18)	8 (0.31)	1.5 (0.05)	49 (1.92) × 24 (0.94) × 6 (0.23)		



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