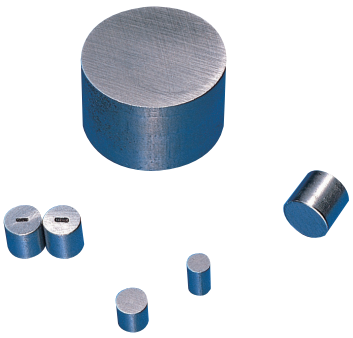
No.3 ALNICO MAGNET (ROUND)



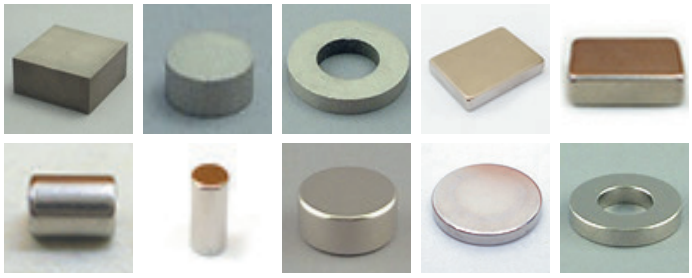
●Cast magnets consisting mainly of iron, aluminum, nickel and cobalt (Fe, Al, Ni, Co). These magnets feature a larger residual magnetic flux density and magnetic stability against changes in temperature.

[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)				
ϕ10(0.39)×10(0.39)	ϕ10(0.39)×15(0.59)	ϕ10(0.39)×30(1.18)	ϕ10(0.39)×50(1.96)	ϕ10(0.39)×100(3.93)	ϕ10(0.39)×140(5.51)	
ϕ13(0.51)×10(0.39)	ϕ13(0.51)×12(0.47)	ϕ13(0.51)×15(0.59)				
ϕ14(0.55)×10(0.39)						
ϕ15(0.59)×70(2.75)						
ϕ20(0.78)×15(0.59)						
ϕ25(0.98)×15(0.59)	ϕ25(0.98)×20(0.78)					

※For sizes not listed above, please contact us.

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.

Other sizes (not listed in the table) are also available. Please contact us.

Rectangular

[mm(in)]

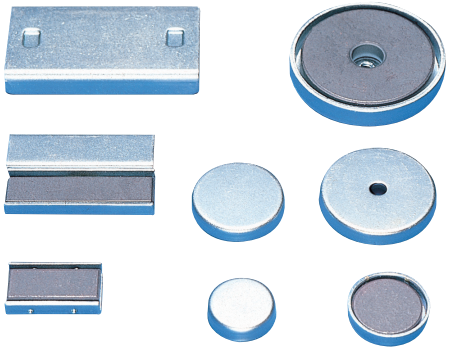
Samarium-Cobalt		Neodymium			
Size	Thickness	Size	Thickness	Size	Thickness
45(1.77)× 25(0.98)	10 (0.39)	12(0.47)× 7(0.27)	4(0.15)	20(0.78)×15(0.59)	5(0.19)
		20(0.78)×12(0.47)	5(0.19)	30(1.18)×30(1.18)	10(0.39)

Round

[mm(in)]

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)	ϕ8(0.31)×8(0.31)
ϕ10(0.39)×3 (0.11)	ϕ10 (0.39)×5(0.19)	ϕ10(0.39)×10(0.39)	ϕ10(0.39)× 3(0.11)	ϕ10(0.39)×5(0.19)	ϕ10(0.39)×10(0.39)	
ϕ12(0.47)×5 (0.19)			ϕ14(0.55)×10(0.39)			
ϕ15(0.59)×5 (0.19)			ϕ15(0.59)× 5(0.19)			
ϕ20(0.78)×5 (0.19)			ϕ20(0.78)× 5(0.19)			
			ϕ22(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. When these holders are used for the purpose of holding only by themselves, such purpose can be achieved at low cost.

Round

[mm(in)]

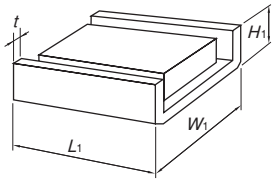
Model	Yoke Dimensions			Magnet Size	Magnet Type	Mass	Remarks
	D_1	H_1	t				
KM-FC2	ϕ18 (0.70)	5 (0.19)	0.8 (0.03)	ϕ15(0.59)×4(0.15)	Isotropic	12.5g/ 0.027lb	
KM-FC4	ϕ24 (0.94)		0.55 (0.02)	ϕ20(0.78)×4(0.15)		23.8g/ 0.052lb	
KM-FC5	ϕ31.6 (1.24)	4.7 (0.18)	0.8 (0.03)	ϕ28(1.10)×ϕ5.5(0.21)×3.5(0.13)		38.2g/ 0.084lb	ϕ4.3 hole provided
KM-FC6	ϕ36 (1.41)	7 (0.27)	1.6 (0.06)	ϕ30(1.18)×5(0.19)		97.5g/ 0.214lb	
KM-FC7	ϕ44 (1.73)	8 (0.31)		ϕ38(1.49)×ϕ9(0.35)×5.7(0.22)	Anisotropic	122.5g/ 0.270lb	M4 tapped hole provided

Rectangular

[mm(in)]

Model	Yoke Dimensions				Magnet Size	Magnet Type	Mass	Remarks
	L_1	W_1	H_1	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	51.4g/ 0.113lb	
KM-FK5	55 (2.16)	30 (1.18)	8 (0.31)	1.5 (0.05)	49(1.92)×24(0.94)×6(0.23)		140g/ 0.308lb	

Rectangular



Round