

Home

Magnetic Assemblies

Specification of Magnets

Ferrite Magnet

NdFeB Magnet

SmCo Magnet

Alnico Magnet

Process pieces

Other products

Specification of Magnets >> Alnico Magnet

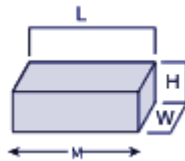
Alnico Standard Products

Bar Type | Ring Type | Square Bar Type

Alnico magnet is a casting magnet, being composed of aluminum, nickel and cobalt. Although it tends to be easily demagnetized, it is highly heat-resistant (its Curie point is 850°C) and is not easily broken, thus mechanically strong. It has been traditionally popular for various meters and telecommunication tools, and recently it is used for watt-hour meters as well as anticrime devices.



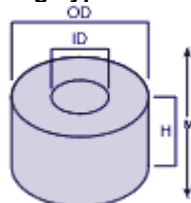
Bar Type



OD x L	OD x L	OD x L
3 Φ × 10	5 Φ × 36	10 Φ × 156
3 Φ × 12	5 Φ × 156	1) 11.5 Φ × 10
3 Φ × 25	1) 6 Φ × 8	1) 11.8 Φ × 21
3 Φ × 150	1) 6 Φ × 9	1) 11.8 Φ × 23.4
1) 4 Φ × 10	6 Φ × 10	12 Φ × 80
4 Φ × 15	1) 6 Φ × 10	14 Φ × 10
4 Φ × 24	6 Φ × 12	15 Φ × 20
4 Φ × 156	6 Φ × 20	15 Φ × 40
4.75Φ × 18.3	6 Φ × 25	15 Φ × 50
1) 5 Φ × 8	6 Φ × 30	15 Φ × 70
1) 5 Φ × 10	6 Φ × 60	20 Φ × 15
5 Φ × 12	6.35Φ × 25	20 Φ × 90
5 Φ × 14	6.5 Φ × 75	20 Φ × 150
5 Φ × 15	1) 7 Φ × 6	25 Φ × 20
5 Φ × 17	7 Φ × 10	25 Φ × 50
5 Φ × 18	7 Φ × 12	25 Φ × 150
5 Φ × 20	8 Φ × 50	40 Φ × 20
5 Φ × 24	8 Φ × 70	50 Φ × 25
5 Φ × 25	9 Φ × 10	67 Φ × 25
5 Φ × 28	10 Φ × 50	
5 Φ × 30	10 Φ × 100	

1) Mark indicates Alnico-8, others Alnico-5. Haimag is produced optionally.

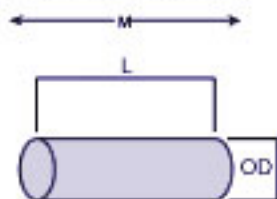
Ring Type



OD x ID x H
1) 9Φ × 6Φ × 3
20Φ × 5Φ × 30
20Φ × 6Φ × 12
30Φ × 8Φ × 22

1) Mark indicates Sintered Alnico, others Alnico-5.

Square Bar Type



W × H × L
7 × 7 × 50
10 × 10 × 50
10 × 10 × 100
10 × 10 × 150
30 × 10 × 20
38 × 11 × 37
60 × 3.2 × 12.5

All Alnico-5 items.

[To page top](#) ↑