



# Ningbo Realpower Magnetic Industry Co.,Ltd.

## .FERRITE MAGNETS

### Ferrite Magnets

Ferrite Magnets are composed of iron oxide, barium and strontium elements. Compared with other Non-Rare-Earth Magnets, Ferrite Magnets have higher flux density, greater coercive force, and better corrosion resistance. As one of our most popular products, Ferrite Magnets have an additional advantage because of their low cost. To make sure that Ferrite Magnets can be used despite of their hard and brittle nature, Real magnetic always applies special machining techniques while manufacturing.



### Specifications for Ferrite Magnets (Bonded)

TYPE	Br(MT)	HCb(KA/M)	HCJ(KA/M)	BH(max)KJ/M3	Forming Methods
Y8T	130-180	80-115	100-160	3.2-6.4	Extrusion
Y20	210-235	140-160	200-220	9.5-10.4	Extrusion
Y22H	130-180	80-120	100-160	4.0-6.4	Calendar
Y23	180-220	100-140	120-190	6.4-8.0	Calendar
Y25	210-239	140-165	150-210	8.0-10.4	Calendar
Y26H	240-265	156-181	200-270	10.4-12.5	Calendar

TYPE	Extension strength (Mpa)	Extension (Mpa)	Hardness (SHA)	Using temperature (OC)	Density (g/cm <sup>3</sup> )
Y27H	5-10	30-100	85-98	-10-80	3.6-3.7
Y28	5-10	40-100	85-98	-10-80	3.6-3.7
Y30H-1	7-12	100-200	85-98	-10-80	3.6-3.7
Y30H-2	7-12	100-300	85-98	-10-80	3.6-3.7
Y32	7-12	100-200	85-98	-10-60	3.6-3.7
Y33	7-12	100-300	85-98	-10-80	3.6-3.7

### Specifications for Ferrite Magnets (Sintered)

Materials		Br(mT)	Hcb(Ka/m)	HcJ(Ka/m)	(BH)max(Kj/m <sup>3</sup> )
SJ285	SJ/T10410				
	Y8T	200-235	125-160	210-280	6.5-9.5
	Y20	320-380	135-190	140-195	18.0-22.0
	Y22H	310-360	220-250	280-320	20.0-24.0
	Y23	320-370	170-190	190-230	20.0-25.4
	Y25	360-400	135-170	140-200	22.5-28.0
	Y26H	360-390	220-250	225-255	23.0-28.0
	Y27H	370-400	205-250	210-255	25.0-29.5
	Y28	370-400	175-210	180-220	26.0-30.0
	Y30H-1	380-400	230-275	235-290	27.0-32.0
	Y30H-2	395-415	275-300	310-335	28.5-32.5
	Y32	400-420	160-190	165-195	30.0-33.5
	Y33	410-430	220-250	225-255	31.5-35.0