



This entirely metal series, behaves very well at temperature. The magnet and pole pieces are housed in a non-magnetic sleeve. For use on conveyors, tooling, machines, etc.

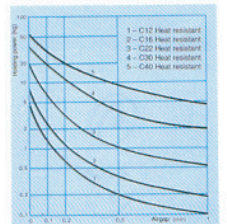
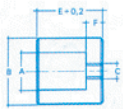
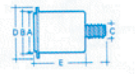
Compact heat resistant series.

This range consists of 5 models, with a nominal diameter which varies from 12 to 40mm with a holding power which can reach 60Kg/cm2. Using Alnico as the base material, they behave very well at temperature. After a few thermal stabilisation cycles, they achieve a force which remains virtually constant throughout a range of temperatures.

C 12, C16 and C 22 models are housed in a thin brass sleeve. The rear thread is made of steel and the assembly guarantees the units integrity. The flange on the front surface distinguishes the 0 series from the 00 series which has no such flange.

Maximum Temperature : 250°C

Model	A	B	C	D	E	F
C 12.0 H	12	21.8	M4	16	15.5	10
C 16.0 H	16	16.8	M6	20	20	11.5
C 12.00 H	12	12.8	M4	12.8	15.5	10
C 16.00 H	18	16.8	M6	16.8	20	11.8
C 22.00 H	22	22.8	M8	22.8	28.4	11.5



Stainless steel models

C30 and C40 models are housed in a machined, non-magnetic, stainless steel sleeve. A tapped hole at the rear of the component is used for fixing. At high temperatures, there may be a slight parasitic air gap on the magnetic surface which can weaken the device.

Model	A	B	C	E	F
C 30 00	30	34	M10	46	10
C 40 00	40	45	M12	51	12

Holding Power: These magnets have a very short field: thus the air gap must be reduced to a minimum. It is essential that they are used with ground counterplates to achieve maximum performance. They themselves are also ground.

MAGNETIC CATCHES

Es10

Especially designed for use on domestic oven doors the assembly is made from stainless steel. The maximum temperature is 280°C and the holding power is practically constant throughout the temperature range. The construction of the catch is extremely robust and integral leaf springs ensure good shock absorption with flexibility of the pole pieces to take up alignment.

Counterplate: EsC10 is normally supplied
Fixing: Normally into a prepunched slot with two bolts having springs behind the panel and rubber washers to act as dampers in front of the panel.

Model	Holding power (Kg)	A	B	C	D	E	F
Es10	8	64.1	22.7	4.3	48	21.1	36.5

