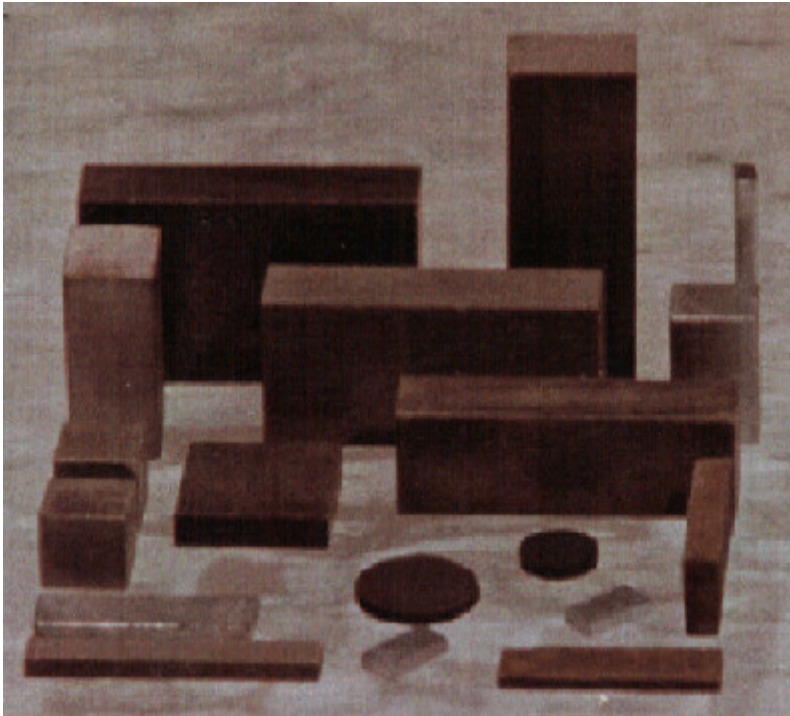


# NdFeB sintered magnetic materials with high magnetic stability



## **MAGNETIC CHARACTERISTICS:**

- residual flux density,  $B_r$ : min. 10 kGs;
- coercivity  $H_{cJ}$ : min. 22 kOe;
- maximum energy density  $(BH)_{max}$ : min. 30 MGOe;
- maximum operating temperature: 18°C;
- temperature coefficients for  $B_r$ , in the range 20°C to 100°C: -0.1%/°C;
- temperature coefficients for  $H_{cJ}$ , in the range 20°C to 100°C: -0.55%/°C;
- density: min. 7.5 g/cm<sup>3</sup>.

## **Obtaining methods:**

- by powder metallurgy techniques.

## **Sizes:**

- $\varnothing = 5 \dots 25$  mm;  $h = 1 \dots 10$  mm;
- $L = \text{max. } 40$  mm,  $l = \text{max. } 25$  mm,  $h = 2 \dots 10$  mm.

## **APPLICATIONS:**

- magnetic circuits for engines, transducers, magnetic separators, pump magnetic couplings, devices for magnetic treatment of fluid.