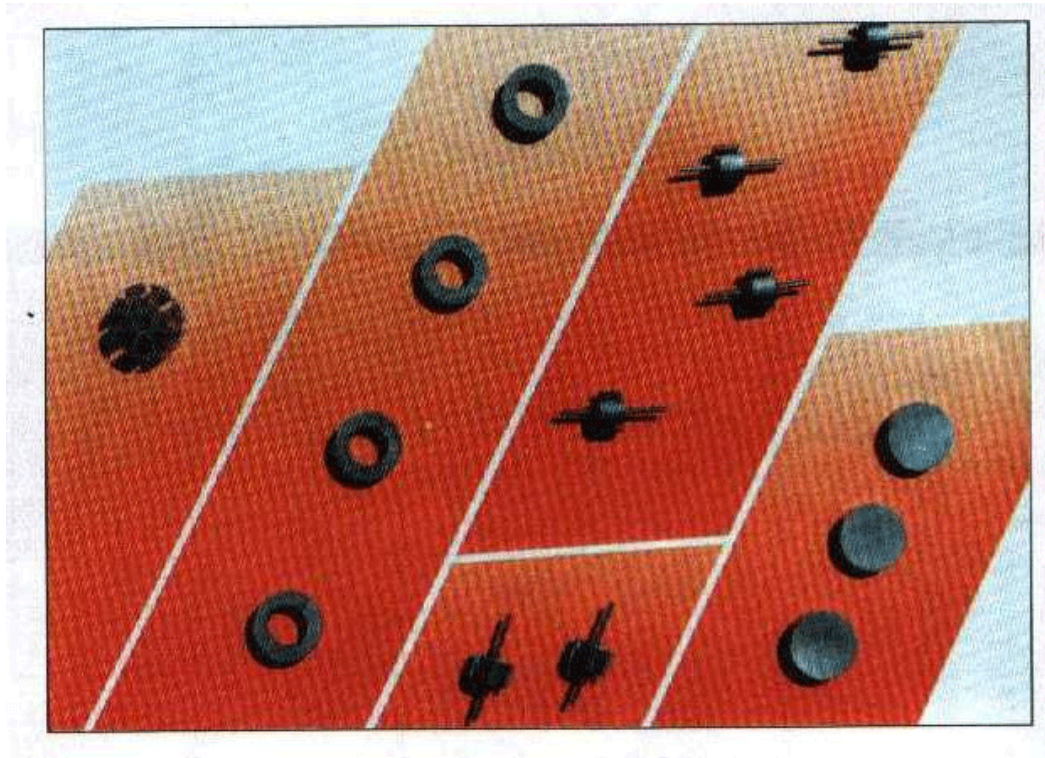# Soft magnetic cores from bonded iron

TECHNICAL CHARACTERISTICS:
- Complex shapes;
- Hardness min. 100 HRC;
- Chemical composition Fe - binding material 0.5 - 1 %;
- Density 7.0 - 7.3 g/cm^3;
- Max. induction ~ 0,9 - 1 T (Hmax = 100 Oe);
- Remanent induction 0.11 - 0.07 T;
- Intrisec coercive field 4 - 5 Oe;
- Max. Permeability 70 – 200;

APPLICATIONS:
- replacing of cores of rolled steel / electrical steel (at frequencies between 10 Hz - 1 MHz);
- rotors and stators of micromotors for consumer goods.