Instruction sheet 562 11

U core with yoke (562 11)
Clamping device (562 12)

1 Description
The U core with yoke (562 11) and the clamping device (562 12) are intended for the assembly of the demountable transformer with the coils indicated in chapter 3.

2 Technical data
Cross section: 4 cm × 4 cm
Width of U core and length of yoke: 15 cm
Heigth of U core: 13 cm
Material: Iron, laminated
Max. relative permeability $\mu_r$ at the initial curve: approx. 2200 at $H = 120$ A m$^{-1}$

Hysteresis curve of the U core with yoke

3 Suitable coils
- Low voltage coil $N = 250$ 562 13
- Low voltage coil $N = 480$, $I = 10$ A 562 131
- Low voltage coil $N = 500$ 562 14
- Low voltage coil $N = 1000$ 562 15
- High voltage coil $N = 10000$ 562 16
- High voltage coil $N = 23000$ 562 17
- Extra-low voltage coil $N = 50$ 562 18
- Mains coil 230 V 562 21
- Mains coil 115 V 562 22

4 Use
- Mount primary and secondary coil.
- Put unpainted side of the yoke on the U core.
- Clamp yoke using the clamping device.