Cryodur 2210

Steel properties
- Wear resistant chromium-vanadium alloyed cold-work steel.

Standards
- AISI L2

Physical properties
- Coefficient of thermal expansion
- Thermal conductivity
  - at °C: 20: 34.2, 350: 33.5, 700: 31.0

Applications
- Piercing dies, guide rods, twist drills, ejector pins and wood chisels.

Heat treatment
- Soft annealing °C: 710 – 750, Cooling: Furnace, Hardness HB: max. 220
- Stress-relief annealing °C: approx. 650 – 680, Cooling: Furnace
- Hardening °C: 810 – 840, Quenching: Oil: < 15 mm Ø 64, Water: > 15 mm Ø 64
- Tempering °C: 100 200 300 400 500 600, HRC: 64 62 57 51 44 38

Cryodur 2235

Steel properties
- Special steel for woodworking, featuring a keen cutting edge.

Physical properties
- Thermal conductivity
  - at °C: 20: 33.5, 350: 32.0, 700: 31.0

Applications
- Circular and gang saws, machine knives, cutting tools for wood and non-ferrous metals, pliers and wood chisels.

Heat treatment
- Soft annealing °C: approx. 650 – 680, Cooling: Furnace
- Stress-relief annealing °C: approx. 650 – 680, Cooling: Furnace
- Hardening °C: 800 – 830, Quenching: Oil: 63, Water: 64
- Tempering °C: 100 200 300 400 500 600, HRC: 63 61 57 52 46

Reference numbers in brackets are not standardized in EN ISO 4957.