

# Thermodur 2740

28NiCrMoV10

C 0.28 Cr 0.70 Mo 0.60 Ni 2.50 V 0.30

**Steel properties** Air-hardening special steel for hot working. Outstanding high-temperature toughness and thermal shock resistance.

**Applications** Special steel for mandrels and pilger mandrels. We generally supply the rough-machined or fully machined tools in tempered condition.

**Heat treatment** **Soft annealing °C**  
670 – 700

**Cooling**  
Furnace

**Hardness HB**  
max. 240

**Hardening °C**  
840 – 870

**Quenching**  
Air or oil

**Hardness after quenching HRC**  
49

Tempering diagram

