

# TELMA KNIFE STEELS - TKS

## TKS 714

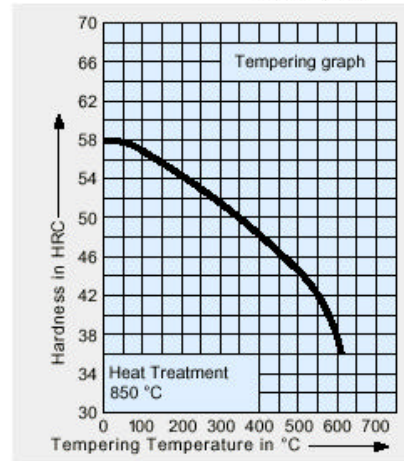
**Material no.:**  
1.2714

**Abbreviated name:**  
56 NiCrMoV 7

**Reference analysis:**  
C 0.56 Cr 1.1 Mo 0.5 Ni 1.7  
V 0.1 in %

### Customary applications:

For forging dies up to the largest dimensions, forging saddles, hot-shear cutters, extrusion tools, die holders, supporting tools



### Heat treatment data:

	Temperature	Duration	Cooling
Soft annealing	680 - 720 °C	2 - 5 h	furnace
Stress-relief annealing	600 - 650 °C	2 - 4 h	furnace
Hardening	830 - 870 °C 860 - 900 °C	Group II	oil, air
Tempering	300 - 600 °C see tempering graph	min. 2 h depending on cross section	calm air

### Continuous time-temperature transformation chart

