

→ W.NR.:	1.2714 (EN ISO 4957)
→ EN / DIN:	55NiCrMoV7
→ AISI:	~ L6

### → CHEMICAL COMPOSITION (W%)

C	Si	Mn	Cr	Mo	Ni	V
0.55	0.25	0.75	1.10	0.45	1.65	0.10

→ DELIVERY CONDITION: quenched and tempered at 340-400 HB

→ PROCESS: conventional

### → HEAT TREATMENT

soft annealing	cooling	hardness (HB)
650-700 °C	furnace	<248
hardening	quenching	hardness (HRC)
830-870 °C (oil), 870-900 °C (air)	air, oil, 450-550 °C	56-58

### → PROPERTIES

Excellent toughness and hardenability. Good resistance to wear in hot applications. Can be water-cooled.

### → APPLICATION

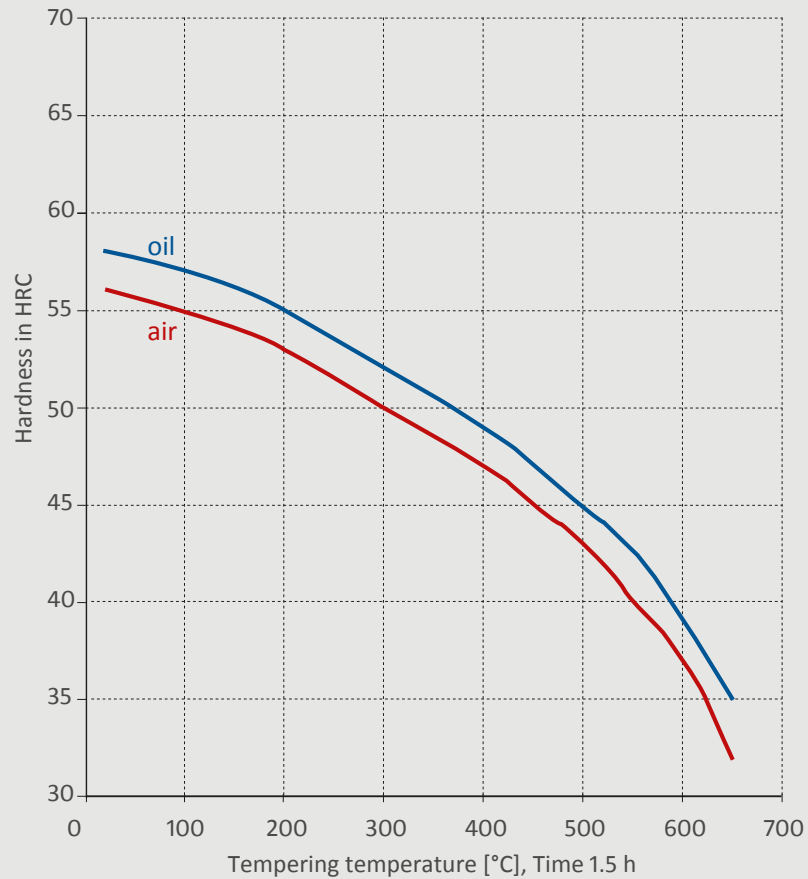
The steel is resistant to high shock loads. For very large dies for forging, stamps head, etc. For the frames of tools used in drop forging. Supporting parts used in extrusion (amplifiers, hammers). Moulds for plastics. Can also be used for various punches, scissors. Working hardness of up to max. 54 HRC.

### → ULTRASOUND EXAMINATION

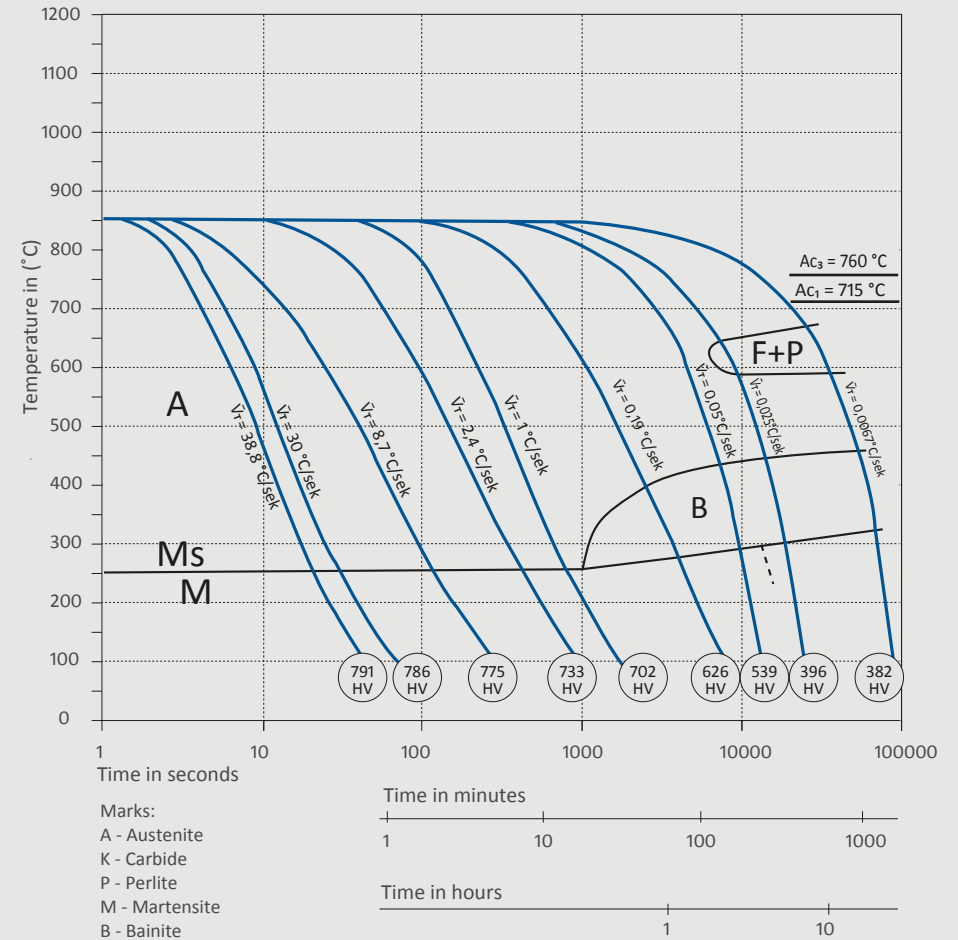
EN 10228-3 art.2-4

# HOT WORK TOOL STEEL

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