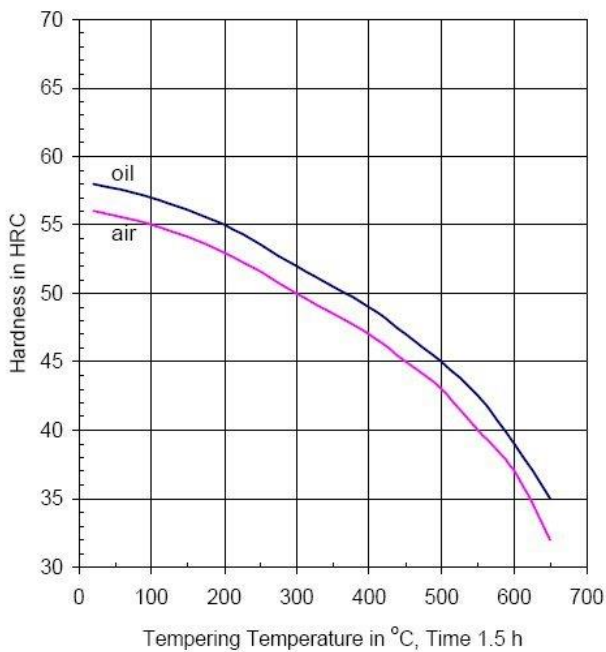


SSA2714

Trade Name	Technical Delivery Condition	Annealed Hardness	Typical Chemical Composition						
			C	Si	Mn	Cr	Mo	V	Ni
SSA2714	Annealed	248 HB	0.50 – 0.60	0.10 – 0.40	0.65 – 0.95	1.00 – 1.20	0.45 – 0.55	0.07 – 0.12	1.50 – 1.80

Werkstoff	DIN standard	AISI	BS	JIS	SIS	UNI
1.2714	56NiCrMoV7	L6	B-L6	SKT4		56NiCrMoV7KU



Graph 1

Type of steel and characteristics:

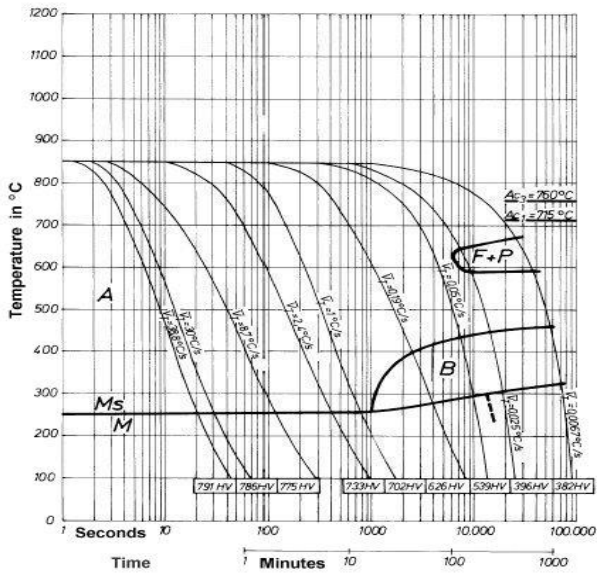
Cr-Ni-Mo alloyed hot work tool steel with high temperature impact toughness and thermal fatigue strength, resistant to repeated shocks, high resistant to tempering, medium wear resistance, oil and air hardening with good through hardenability, low P and S content, polish able. Suitable for pitting and chrome plating.

Applications:

Dies, including those of very large size; tools for rod and tube extrusion; forming dies; bending and embossing tools; plastic moulds

Heat Treatment:

Hot Forging	1100 - 850°C
Annealing	650 - 700°C
Stress relieving	600 - 650°C
Hardening	870 - 900°C
Hardness obtainable	54 – 56 HRC
Tempering	Refer Graph 1
Nitriding	540 °C



TTT Graph