sij | ravne steel

HIGH SPEED STEELS

QUALITY

RS 601

→ W.NR.:	1.3343 (EN ISO 4957)
→ EN / DIN:	HS6-5-2C
→ AISI:	M2

→ CHEMICAL COMPOSITION (W%)

C	Cr	Mo	V	W
0.90	4.10	5.00	1.90	6.40

→ DELIVERY CONDITION:	soft annealed with a hardness of <280 HB
→ PROCESS:	conventional

→ HEAT TREATMENT

soft annealing	cooling	hardness (HB)
820-880 °C	furnace	225-280
hardening	**quenching**	**hardness (HRC)**
1180-1230 °C	oil, air, thermal bath 550 °C	Min.64

→ PROPERTIES

This is standard high-speed steel grade with high toughness. High abrasion properties and compressive strength. High cutting performance.

→ APPLICATION

For general cutting tools for metal processing for rough and precision processing. Punching tools. Tools for threading, various reamers, countersinks, shaping tools and woodworking tools. Segments of circular saws. Tools for the extrusion of e.g. rods. „Sendzimir“ rolls. Forming tools, also in warm applications.

→ ULTRASOUND EXAMINATION	EN 10228-3 art.2-4

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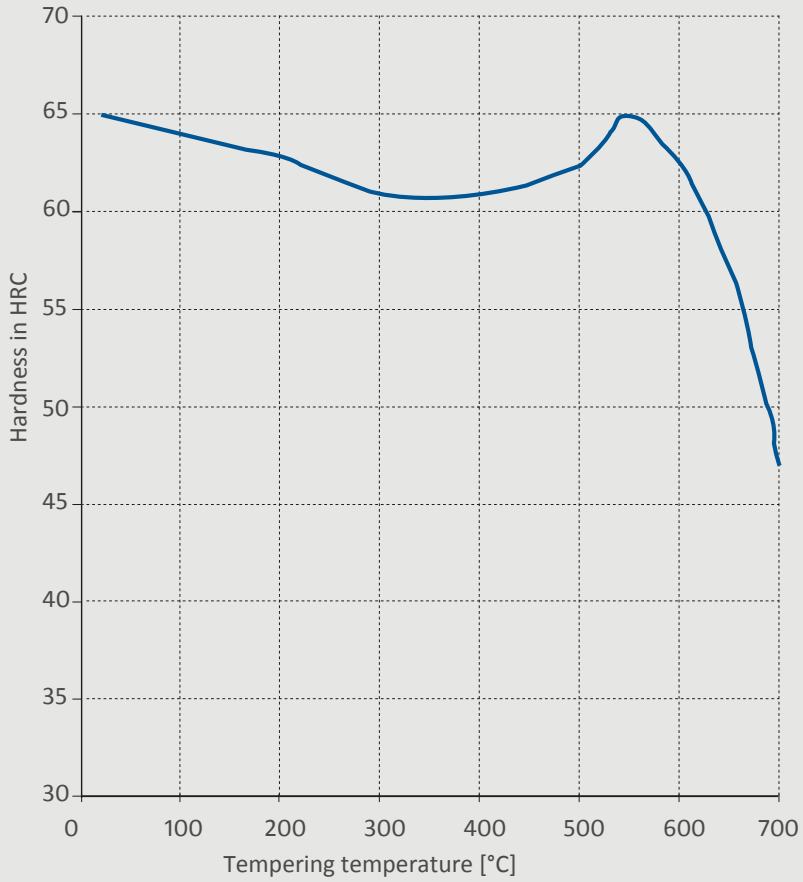

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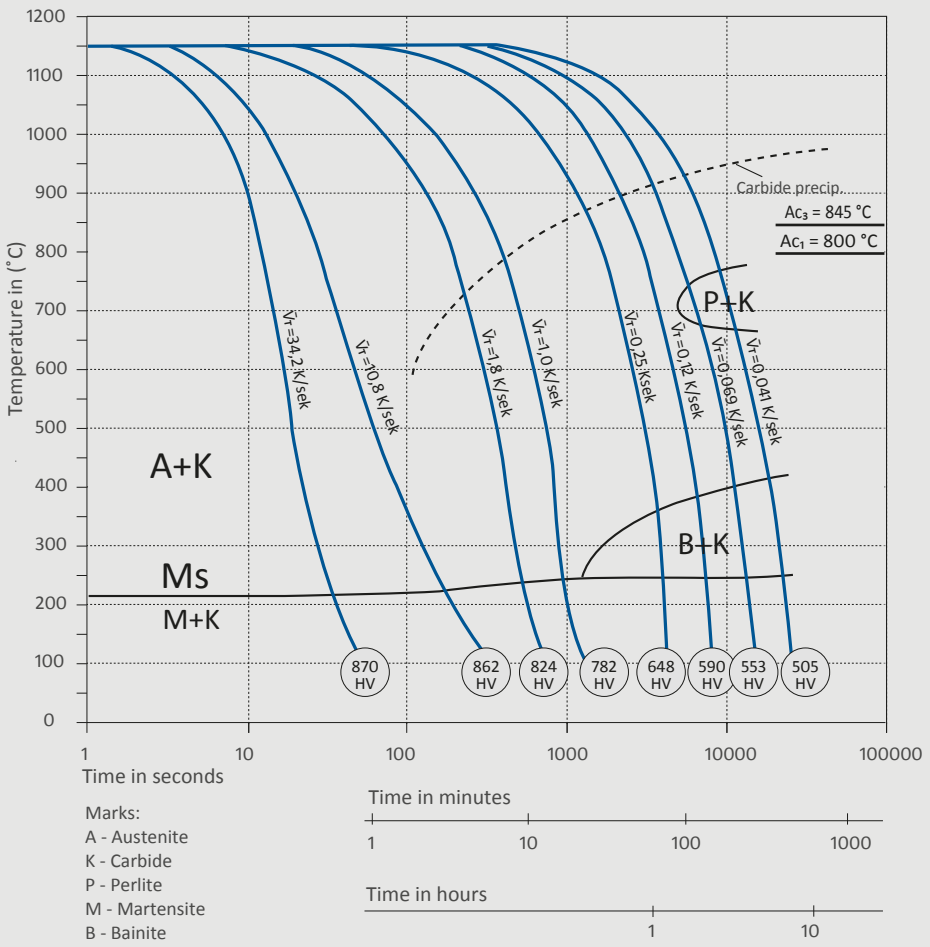

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