sij | ravne steel

HIGH SPEED STEELS

QUALITY

RS 611

→ W.NR.:	1.3344 (EN ISO 4957)
→ EN / DIN:	HS6-5-3
→ AISI:	M3/2

→ CHEMICAL COMPOSITION (W%)

C	Cr	Mo	V	W
1.20	4.15	4.95	2.95	6.35

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

→ HEAT TREATMENT

soft annealing	cooling	hardness (HB)
820-860 °C	furnace	225-280
hardening	**quenching**	**hardness (HRC)**
1190-1240 °C	oil, air, thermal bath 550 °C	Min.64

→ PROPERTIES

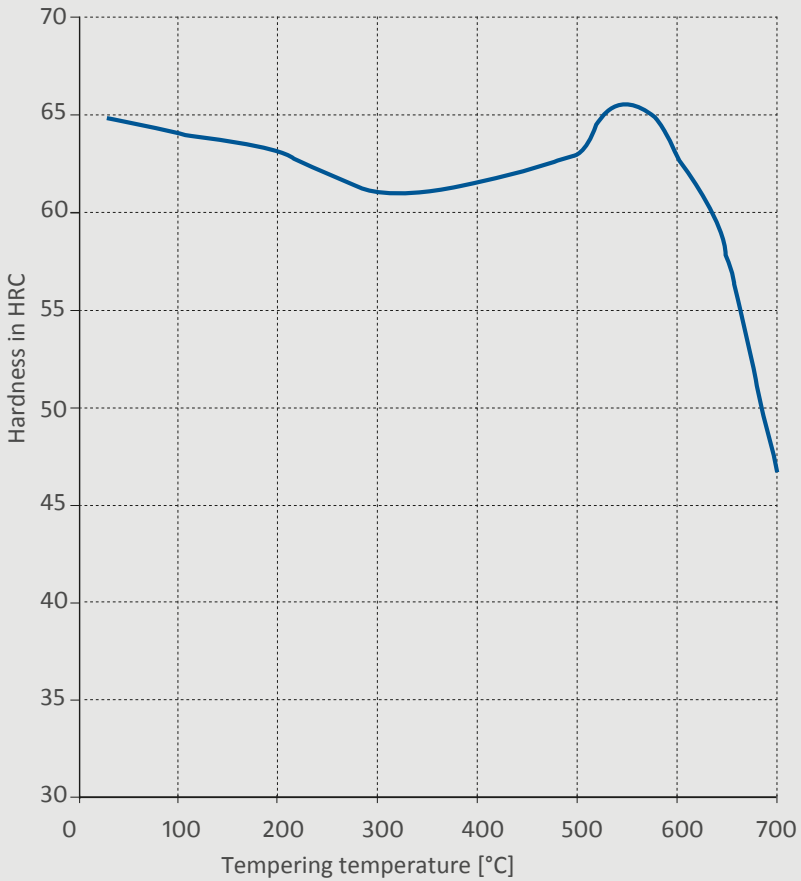
This is a molybdenum tungsten HSS steel with high tempering resistance and toughness. High abrasion properties. High compressive strength.

→ APPLICATION

For the most burdened cutting tools for metal processing for both rough and precision processing. Tools for threading, various reamers and twist drill bits, skimming needles, router bits.

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

↘ tt



DISCLAIMER
The information and data presented herein are typical or average values and are not a guarantee of maximum or minimum values. Applications specifically suggested for material described herein are made solely for the purpose of illustration to enable the reader to make his own evaluation and are not intended as warranties, either express or implied, of fitness for these or other purposes. There is no representation that the recipient of this literature will receive updated editions as the become available.