

COLD WORK TOOL STEEL

Wr.Nr.	PN	EN	GOST	AISI
1.2063	NC6	145Cr6	12X1	-

CHEMICAL COMPOSITION

Chemical composition (in weight %)

Element	C	Si	Mn	P	S	Cr	W	V	Ni	Cu	Mo
min	1.3	0.15	0.4	max.	max.	1.3	max.	0.1	max.	max.	max.
max	1.45	0.4	0.7	0.03	0.03	1.65	0.2	0.25	0.3	0.35	0.2

APPLICATION

Cutting and shearing tools, taps, dies, profile drills, reamers, cutters, cutting plates, gauges, small dies, shaped rollers for sheet metal processing.

TREATMENT

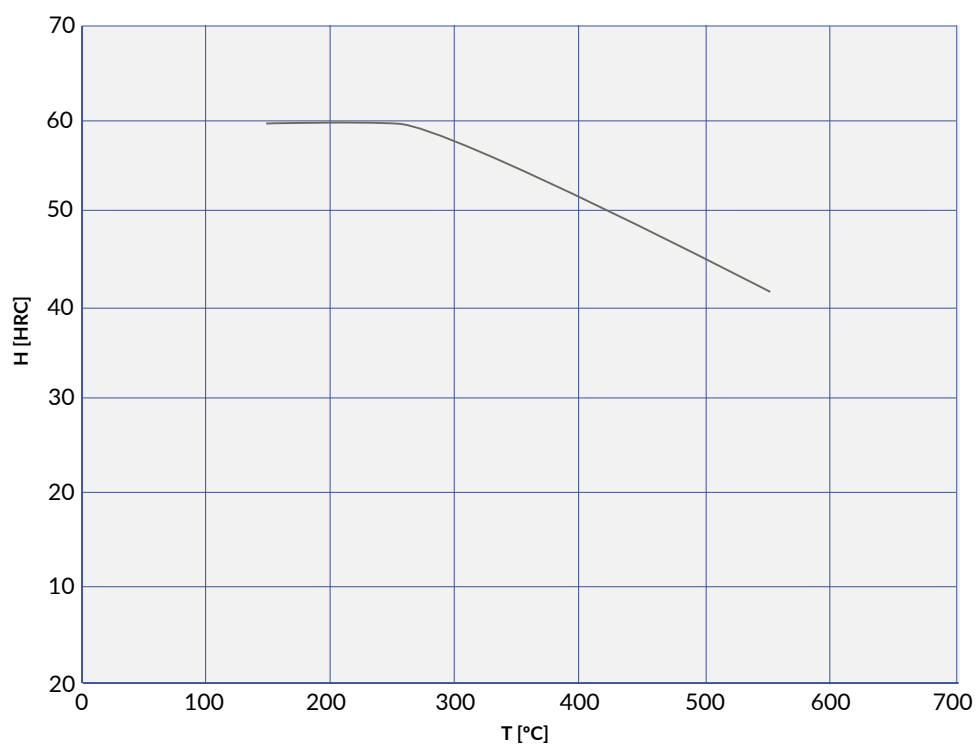
Hardening	810°C - 830°C
Tempering	150°C - 260°C

MECHANICAL PROPERTIES

For oil hardening, dimensionally stable after hardening/quenching, abrasion resistant.

TEMPERING DIAGRAM

Material: 1.2063; 145Cr6; NC6



NOTE: All technical information is for reference only.