

1.2063

145Cr6/ NC6

COLD WORK TOOL STEEL

ZASTOSOWANIE

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

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

TREATMENT

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

MECHANICAL PROPERTIES

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