

DELIVERY CONDITION

Annealed.

PROPERTIES AND MOST COMMON APPLICATIONS

Cold work tool steel with high wear resistance.

Good hardenability and good machinability.

Its most common applications are for cutting and embossing dies, blades for plastic, mill rolls, threading tools, sliding plates and reamers for wood.

DIMENSIONS IN STOCK MM.

15-553



10-402



20X8-403X200

APPLICABLE STANDARD

EN ISO 4957

CHEMICAL COMPOSITION

	C	Mn	Si	P	S	Cr	V	Others
MIN	0,90	1,05	0,10			0,40	0,05	W: 0,40 - 0,70
MAX	1,00	1,35	0,40	0,030	0,030	0,65	0,20	

HEAT TREATMENTS - APPROXIMATE TEMPERATURES

Annealed °C	Quenched °C	Tempered °C
750-780	780-840 Air hot bath	180-250

MECHANICAL PROPERTIES

Mechanical properties at room temperature in annealed condition.

Maximun hardness : 229 HB.

APROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
95MnCrW5	100MnCrW4	1.2510	F5220		90MWCV5	BOO	95MnWCr5 KU	O1	95XГБΦ

COLOUR CODE