

DELIVERY CONDITION

Annealed.

PROPERTIES AND MOST COMMON APPLICATIONS

Steel for cold shock works with a good tenacity and wear resistance.

Its most common applications are for marking punches, cold cutting knives, pneumatic chisels, hammers and stamps.

DIMENSIONS IN STOCK MM.

31-302

APPLICABLE STANDARD

EN ISO 4957

CHEMICAL COMPOSITION

	C	Mn	Si	P	S	Cr	V	Others
MIN	0,55	0,70	0,15			0,90	0,10	W: 1,70 - 2,20
MAX	0,65	1,00	0,45	0,030	0,030	1,20	0,20	

HEAT TREATMENTS - APPROXIMATE TEMPERATURES

Annealed °C	Quenched °C	Tempered °C
710-750	870-900 Air hot bath	180-250

MECHANICAL PROPERTIES

Mechanical properties at room temperature in annealed condition.

Maximum hardness: 229 HB

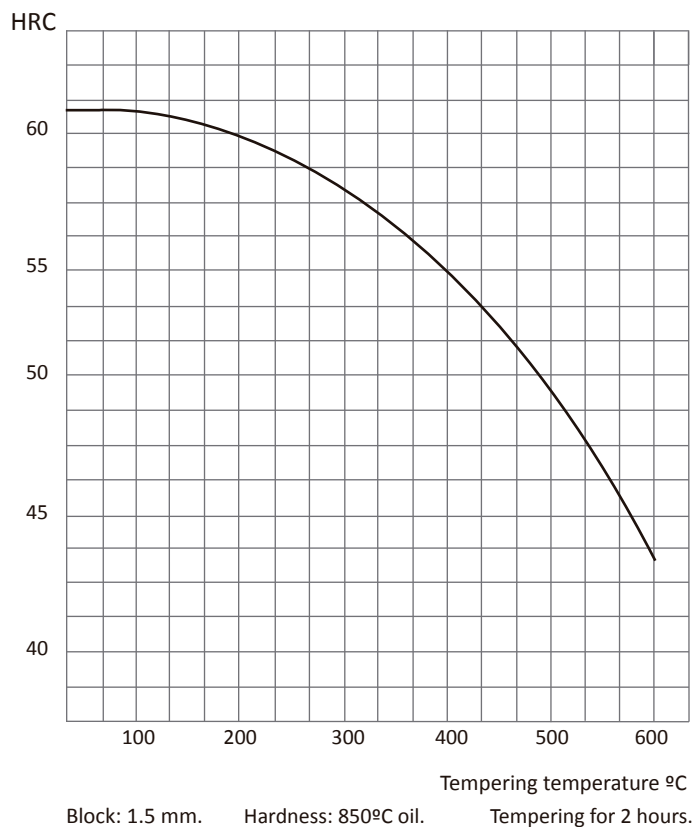
APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
60WCrV7	60WCrV8	1.2550	F524		55WC20	BS1	55WCrV8 KU	S1	6XB2CΦ

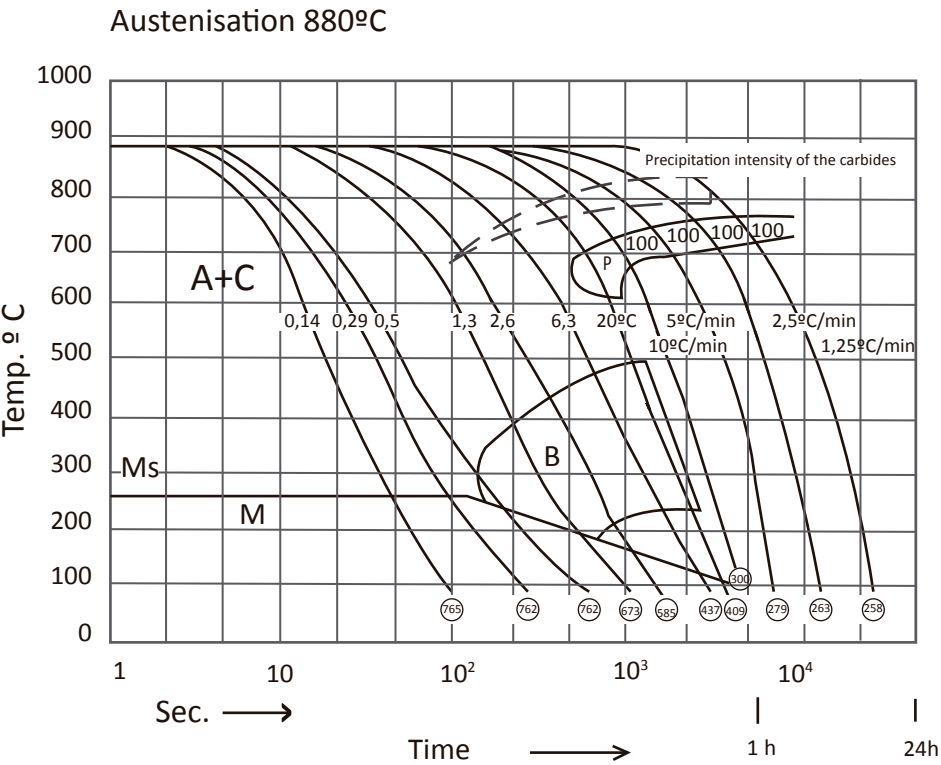
COLOUR CODE



TEMPERING DIAGRAM



CCT DIAGRAM



O = Hardness