

General Information	Steel with wear resistance and fairly good dimensional stability during heat treatment. Rolls for cold strip mills and wire squeezer mills, circular knives and shear blades, dies for small metal parts, punches and drawing dies, dies for sintering, forming tool rollers, shear blades, molds for plastic materials.						
Comparable standards	AISI/SAE	DIN	W.N	AFNOR	BS	SIAU	
	/	X210CrW12	1.2436	/	/	/	
Chemical analysis (%)	C	Mn	Si	Cr	W	P	S
	2.00-2.25	0.15-0.45	0.10-0.40	11.0-12.0	0.60-0.80	≤0.03	≤0.03

Heat Treatment
<p>Annealing temperature: 860±880 °C</p> <p>Constant temperature cooling::</p> <ul style="list-style-type: none"> - Annealing hardness: ≤255 HB <p>Quenching temperature: 950±1000 °C</p> <p>Cooling in air or in oil if large parts.:</p> <ul style="list-style-type: none"> - Tempering hardness: ≥60HRC

Tempering Curve (only for reference):

