

→ W.NR.:	1.2436
→ EN / DIN:	X210CrW12
→ AISI:	/

→ CHEMICAL COMPOSITION (W%)

C	Si	Mn	Cr	W
2.12	0.25	0.45	12.00	0.70

→ DELIVERY CONDITION: soft annealed with a hardness of <255 HB

→ PROCESS: conventional

→ HEAT TREATMENT

soft annealing	cooling	hardness (HB)
800-840 °C	furnace	255
hardening	quenching	hardness (HRC)
940-980 °C	oil, air, warm bath 500-550 ° C	64

→ PROPERTIES

This is a medium-tough ledeburite steel with high wear resistance and dimensional stability after heat treatment. It has good cutting properties and hardenability (W). Its wear resistance is better than that at RS 201. Extremely good dimensional stability. Can be hardened in the air.

→ APPLICATION

Tool steel for cold applications mainly for blades for cutting transformer and dynamo sheets up to 2 mm in thickness. Tools for stamping. Circular blades for paper and plastics. Trimming tools. Skimming needles. For thread rolling. Tools for deep drawing. Tools for woodworking, hobing, blasting nozzles. Measuring instruments. Moulds for abrasive plastics. Normal working hardness of 59 to 63 HRC.

→ ULTRASOUND EXAMINATION

EN 10228-3 art.2-4

