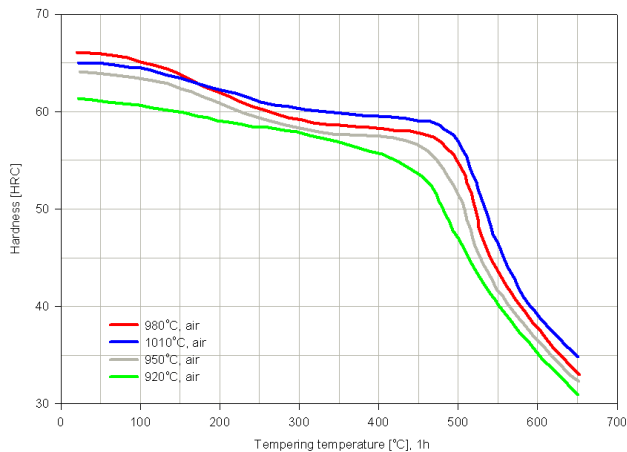


# SSA2436

Trade Name	Technical Delivery Condition	Annealed Hardness	Typical Chemical Composition				
			C	Si	Mn	Cr	W
SSA2436	Annealed	250 HB	2.00 – 2.25	0.10 – 0.40	0.15 – 0.45	11.0 – 12.0	0.60 – 0.80

Werkstoff	DIN standard	AISI	BS	JIS	SIS	UNI
1.2436	X210CrW12	D6	B-D6	SKD1	2312	X210CrW12



Graph 1

### Type of steel and characteristics:

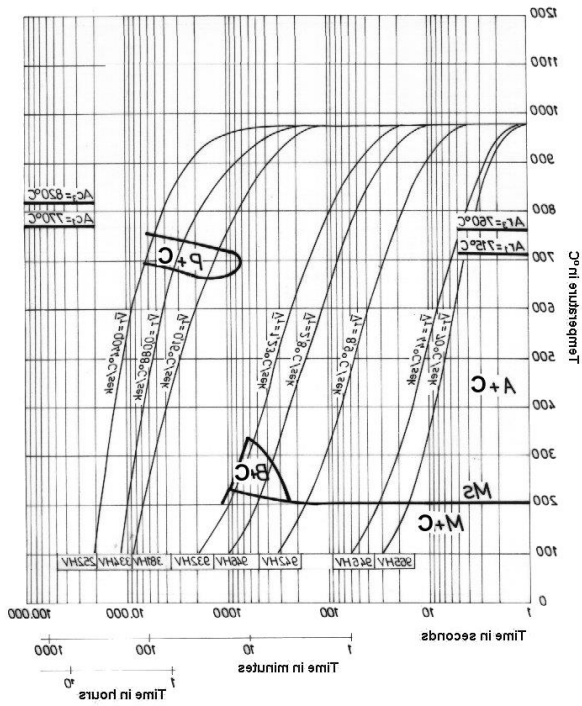
High Carbon High Chromium ledeburitic cold work tool steel. Grade featuring superior wear resistance.

### Applications:

Superior wear resistance and better hardenability than X210Cr12 steel. High-performance cutting tools (dies and punches), blanking and punching tools, wood working tools, shear blades for cutting light-gauge material, thread rolling dies, drawing, deep drawing and extrusion tools, pressing tools for the ceramics and pharmaceutical industries, cold rolls for multiple-roll stands, measuring tools, plastic moulds.

### Heat Treatment:

Hot Forging	1050 - 850°C
Annealing	800 - 850°C
Stress relieving	650 - 700°C
Hardening	950 - 980°C
Hardness obtainable	64 – 66 HRC
Tempering	Refer Graph 1
Nitriding	540 °C



TTT Graph