



Grade	Code	AISI	Cold Work Tool Steel
1.2080	X210Cr12	D3	

Steel Properties

1.2080 is Ledeburitic 12% chromium steel, very high wear resistance against abrasive and adhesive wear (high volume of carbides), normal toughness, dimensionally stable, high compressive strength.

Chemical Composition (1.2080)

C %	Si %	Mn %	Cr %	Mo %	Ni %	V %	W %	Co %	Sonst.
2,10	0,30	0,30	12,00	-	-	-	-	-	-

Suitable For:

1.2080 is used on high stressed cutting tools for sheets up to 4 mm thickness, profile rolls, drawing - and deep drawing tools, shear knives, knives for paper and plastics. Cutting tools, guillotine blades for cutting steel sheet up to about 3 mm thick and for cutting hardened steel strip, broaches, highly stressed woodworking tools where the toughness requirement is not too high, shaping and flanging tools, blades for producing chopped wire, thread rolling tools, deep drawing tools, press tools for the ceramic and pharmaceutical industry, drawing cones for wire drawing, extruding tools and guide strips, sand blasting nozzles.

Specification

1.2080, X210Cr12, D3