

# SANDVICK 7C27Mo2

DIN	En Nr.	UNS (ASTM)	AISI
		S42026	
Chemical composition (Weight %)	C    Mn	Si	P    S    Cr    Mo
	0.38 0.50-0.60	0.35-0.40	≤0.025 ≤0.010 13.50 1.0
Main technological properties	Sandvik 7C27Mo2 is a martensitic stainless steel alloyed with molybdenum that is characterized by good formability. After hardening, the grade has: very good corrosion resistance, high toughness and excellent fatigue strength		
Typical dimensions		Thickness (mm)	Width (mm)    Length (mm)
	Strip in coil	0.10-0.50	300    -
	Strips in sheet	-	-    -
Mechanical properties	Temper hard	Rm (MPa ) 1752-1793	Rp (N/mm <sup>2</sup> )    A50mm (%)    Hv 521-536
Color	gray		
Typical usage	Sandvik 7C27Mo2 is typically used for cutters in electric shavers and springs.		
Surface	Special surface qualities upon request		
Flatness	Special requirement on the longitudinal or transversal flatness upon request		

