

# Stellram® Grade Selection chart

# Milling grade classification

Optimum Grade Performance



Recommended for  
Turning & Milling



Materials	Coated CVD					
	Code	GRADE			HC X500	
		HC MP91M	HC PFZ	HC		
Unalloyed and Alloyed Steel <b>P</b>	C8	P01				
		P05				
		P10				
	C7	P15				
		P20				
		P25				
	C6	P30				
		P35				
	C5	P40				
		P50				
Stainless Steel <b>M</b>		M05				
		M10				
		M15				
		M20				
		M30				
		M35				
		M40				
		M40				
Cast Iron <b>K</b>	C4	K01				
		K05				
	C3	K10				
		K15				
	C2	K20				
		K25				
	C1	K30				
		K35				
Nonferrous Metal <b>N</b>		N01				
		N05				
		N10				
		N15				
		N20				
		N25				
		N30				
High Temperature Alloys <b>S</b>		S01				
		S05				
		S10				
		S15				
		S20				
		S25				
		S30				
		S30				
	Hard materials: Hardened steel, hardened cast iron materials, chilled cast iron. <b>H</b>		H01			
			H05			
		H10				
		H15				
		H20				
		H25				
		H30				
		H30				

Materials	Coated PVD						
	Code	GRADE					
		HC SP1032	HC SP1064	HC SP4036	HC SP6564	HC SFZ	
Unalloyed and Alloyed Steel <b>P</b>	C8	P01					
		P05					
		P10					
	C7	P15					
		P20					
		P25					
	C6	P30					
		P35					
	C5	P40					
		P50					
Stainless Steel <b>M</b>		M05					
		M10					
		M15					
		M20					
		M30					
		M35					
		M40					
		M40					
Cast Iron <b>K</b>	C4	K01					
		K05					
	C3	K10					
		K15					
	C2	K20					
		K25					
	C1	K30					
		K35					
Nonferrous Metal <b>N</b>		N01					
		N05					
		N10					
		N15					
		N20					
		N25					
		N30					
High Temperature Alloys <b>S</b>		S01					
		S05					
		S10					
		S15					
		S20					
		S25					
		S30					
		S30					
	Hard materials: Hardened steel, hardened cast iron materials, chilled cast iron. <b>H</b>		H01				
			H05				
		H10					
		H15					
		H20					
		H25					
		H30					
		H30					

Materials	Code	Uncoated				Cermets		
		Uncoated			Micrograin uncoated	Cermets		
		HW SU5400	HW SF30	HW X44	HF GH1	HT CN25	HT CN35	
Unalloyed and Alloyed Steel <b>P</b>	C8	P01						
		P05						
		P10						
	C7	P15						
		P20						
		P25						
	C6	P30						
		P35						
	C5	P40						
		P50						
Stainless Steel <b>M</b>		M05						
		M10						
		M15						
		M20						
		M30						
		M35						
		M40						
		M40						
Cast Iron <b>K</b>	C4	K01						
		K05						
	C3	K10						
		K15						
	C2	K20						
		K25						
	C1	K30						
		K35						
Nonferrous Metal <b>N</b>		N01						
		N05						
		N10						
		N15						
		N20						
		N25						
		N30						
High Temperature Alloys <b>S</b>		S01						
		S05						
		S10						
		S15						
		S20						
		S25						
		S30						
		S30						
	Hard materials: Hardened steel, hardened cast iron materials, chilled cast iron. <b>H</b>		H01					
			H05					
		H10						
		H15						
		H20						
		H25						
		H30						
		H30						



www.stellram.com

© 2002, Metalworking Products, An Allegheny Technologies Company.  
The Starburst Logo is a registered trademark of ATI Properties, Inc.  
Stellram is a registered trademark of Stellram S.A.  
An Allegheny Technologies Company.