STELLRAM

ISO Grade Classification

Groups	Materials	Code	Uncoated		Cermet		CVD				PVD						Code
			GH1	GH2	SA9608	SA9808	SC3025	SC6525	MP91M	X500	SP1019	SP4019	SP6519	X700	X400	SP5419	
			Uncoated	Uncoated	Uncoated	Uncoated	TiN-TiCN-Al_2O_3	TiN-TiCN-Al_2O_3	TiN-MT-TiCN-Al_2O_3	TiN-TiC TiN	TiAlN	TiAlN	TiAlN	TiAlN	TiAlN	TiAlN	
P	Unalloyed and Alloyed Steel	P01			SA9608						SP1019						P01
		P05				SA9808		SC6525									P05
		P10							MP91M			SP4019					P10
		P15															P15
		P20											SP6519				P20
		P25								X500					X400		P25
		P30															P30
		P35														SP5419	P35
		P40															P40
		P45															P45
		P50															P50
M	Stainless Steels	M01			SA9608												M01
		M05				SA9808					SP1019						M05
		M10										SP4019					M10
		M15											SP6519	X700			M15
		M20															M20
		M25								X500							M25
		M30															M30
		M35															M35
		M40															M40
K	Cast Irons	K01			SA9608												K01
		K05	GH1			SA9808	SC3025	SC6525			SP1019						K05
		K10							MP91M			SP4019					K10
		K15		GH2									SP6519				K15
		K20								X500							K20
		K25															K25
		K30															K30
		K35															K35
		K40															K40
N	Aluminum & Alloys	N01															N01
		N05	GH1								SP1019						N05
		N10		GH2								SP4019					N10
		N15															N15
		N20															N20
		N25															N25
		N30															N30
S	High Temperature Alloys	S01			SA9608						SP1019						S01
		S05										SP4019					S05
		S10											SP6519				S10
		S15												X700			S15
		S20															S20
		S25								X500							S25
		S30															S30
H	Hard Materials	H01															H01
		H05									SP1019						H05
		H10															H10
		H15							MP91M			SP4019					H15
		H20													X400		H20
		H25															H25
		H30															H30
			GH1	GH2	SA9608	SA9808	SC3025	SC6525	MP91M	X500	SP1019	SP4019	SP6519	X700	X400	SP5419	

Increasing - wear resistance - Increasing cutting speed

Increasing - shock resistance - Increasing - feed

Technical