

					T0997-TIC	T0999-TIC	TC313 TB313 TY313	TC283 TY283
ISO	VDI 3323	Material Description	HB	HRC	Vc (m/min)			
P	1	Non-alloy steel	125					
	2		190	13				
	3		250	25				
	4		270	28				
	5		300	32				
	6	Low alloy steel	180	10				
	7		275	29			10-15	10-15
	8		300	32			6-10	6-10
	9		350	38	5-8	5-8	3-5	3-5
	10	High alloyed steel, and tool steel	200	15				
	11		325	35				
M	12	Stainless steel	200	15				
	13		240	23				
	14		180	10			4-6	4-6
K	15	Grey cast iron	180	10				
	16		260	26				
	17	Nodular cast iron	160	3				
	18		250	25				
	19	Malleable cast iron	130					
	20		230	21				
N	21	Aluminum- wrought alloy	60					
	22		100					
	23	Aluminum- cast, alloyed	75					
	24		90					
	25		130					
	26	Copper and Copper Alloys (Bronze / Brass)	110				25-35	25-35
	27		90					
	28		100					
	29	Non Metallic Materials						
	30							
S	31	Heat Resistant Super Alloys	200	15				
	32		280	30				
	33		250	25				
	34		350	38				
	35		320	34				
	36	Titanium Alloys	400 Rm					
	37		1050 Rm					
H	38	Hardened steel	550	55	3-7	3-7		
	39		630	60	3-7	3-7		
	40	Chilled Cast Iron	400	42	3-7	3-7		
	41	Hardened Cast Iron	550	55	3-7	3-7		