

## SFPM / Chipload Chart

## PERFORMANCE YOU CAN TRUST, QUALITY YOU CAN MEASURE

Materials AI		Carbon Steels	Alloy Steel	Stainless				Cast Iron		High Temp Alloys			Tool Steels		Mold Steel	
Description		10XX, 11XX, 13XX, 15XX	40XX, 41XX, 42XX, 43XX, 44XX, 86XX Series	303	304, 304L, 316, 316L	410, 416, 420, 430F, 440C	13-8PH, 15-4PH, 16-6PH, 17-4PH	Gray	Ductile	Inconel 600 / 718, A286, Haynes	Pure Titanium	Wrought/ Cast 6AL4, ASTM 1, 2 & 3 Alpha - Beta	A2, S7, H1, H13	D2	P20	
2RC	800-2000				150 - 250										150 - 250	
															80 - 160	
															.0010	
															.0012	
															.0013	
															.0015	
															.0018	
															.0025	
															.0025	
															.0030	
															.0030	
															.0030	
LP	.0150	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0044		.0040				.0035	
S	.0080	.0040	.0040	.0040	.0035	.0035	.0035	.0035	.0040	.0028	.0040	.0038	.0038	.0032	.0035	
HP	.0150	.0050	.0040	.0043	.0040	.0040	.0040	.0040	.0045	.0035	.0040	.0040	.0040	.0035	.0040	
LP	.0200	.0060	.0050	.0050	.0045	.0040	.0040	.0040	.0045	.0040	.0050	.0045	.0050	.0045	.0050	
S	.0100	.0050	.0040	.0040	.0040	.0040	.0040	.0040	.0050	.0038	.0050	.0042	.0042	.0040	.0045	
HP	.0150	.0060	.0060	.0050	.0050	.0050	.0045	.0045	.0050	.0040	.0050	.0045	.0045	.0040	.0045	
LP	.0200	.0070	.0060	.0065	.0060	.0060	.0060	.0060	.0070	.0055	.0070	.0060	.0060	.0050	.0055	
Stub and Regular Length					S = Slotting				HP = Heavy Peripheral				LP = Light Profile			
					Axial Depth				Axial DOC = LOC				Axial DOC = LOC			
up to					to .5 X Diameter				Radial DOC = .5 X Diameter				Radial WOC = .15 X Diameter			
Medium Length S = Slotting									HP = Heavy Peripheral				LP = Light Profile			
					Ö				Axial DOC = up to 1 X Diameter				S			
									Radial DOC = .2 X Diameter				Radial WOC = .1 X Diameter			
	tion  2RC 2RC S HP LP	2024, 6061, 7075  2RC 2RC 2RC S .0030 HP .0040 LP .0060 S .0050 HP .0060 LP .0080 S .0060 HP .0070 LP .0120 S .0070 HP .0090 LP .0150 S .0080 HP .0150 LP .0200 S .0100 HP .0200 Stub and Regular L	2024,   10XX,   11XX,   13XX,   15XX   200   200   450   200   200   450   200   200   450   200   200   450   200   450   200   200   200   450   200   2	Aluminum   Steels   Steel	Aluminum   Steels   Steel	Stair   Stai	Steels   Steel   Stainless   Stainless   Stainless   Stainless   Steel   Stainless   Sta	Steels   Steel   Ste	Aluminum   Steels   Steel   Stainless   Cast	Aluminum   Steels   Steel   Stainless   Cast Iron	Aluminum   Steels   Steel   Steel   Stainless   Cast Iron   High	Aluminum   Steels   Steel   Steel   Stainless   Cast   From High Temp Ali	Aluminum   Steels   Steel   Steel	Steels   Steel   Steel   Steel   Stamies   Cast   Formal   Forma	Aluminum   Steels   Steel   Steel   Stamless   Cast   Final   Final	