



APPLICATION	GOOD	BETTER	BEST			
BLOCK						
Single Pass	63-600	AMC 2 Flute	AMC 3 Flute			
Roughing	AMC 2 Flute	AMC 3 Flute	AMC Rougher			
Finishing		66-300	AMC			
Slotting	63-600	AMC 2 Flute	AMC 3 Flute			
Profile/Shape		52-200B	AMC			
SHEET						
Single Pass	61-000	65-000	63-600			
EXTRUSION						
Single Pass	63-600	81-000	81-100			

DEPTH OF CUT: 1 x D Use recommended chip load 2 x D Reduce chip load by 25% 3 x D Reduce chip load by 50%

To view our complete line of AMC Tools, reference our Milling Tools Catalog which is available at www.onsrud.com

Recommended Chip Load per Tooth by Cutting Diameter (in)																						
Series	Cut	1/16	3/32	1/8	5/32	3/16	7/32	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2
37-00/37-20	Varies							.004006														
37-70	Varies							.004006														
40-000*	1 x D			.005007		.005007		.006008	.006008	.007009												
40-100	1 x D			.001003		.001003		.002004	.002004	.003005		.004008			.006008							
49-000	1 x D			.001003						.003005												
52-000	1 x D			.003005		.003005		.004006		.006008		.010012										
52-200B/BL	1 x D	.002004		.003005		.003005		.004006		.006008		.010012		.012014	.014016							
57-000*	1 x D			.003005		.003005		.004006		.006008		.010012										
61-000	1 x D			.001003		.002005		.002005		.003007		.007009										
62-600	1 x D	.002004		.002004		.003006		.003006	.003006	.004008		.008010										
63-000	1 x D			.006008		.006008		.007009	.007009	.008010		.009011										
63-600	1 x D	.002004		.002004		.003006		.003006	.003006	.004008		.008010										
63-900	1 x D	.002004		.002004		.003006		.003006	.003006	.004008		.008010										
64-000/ 65-000	1 x D	.002004		.002004		.003006		.003006		.004008												
66-300	1 x D			.002004				.004006		.006008		.006008										
77-100	1 x D			.002004				.003005														
80-000	1 x D			.001003																		
81-000	1 x D								.004006	.004006												
81-100	1 x D								.002005	.003008		.003008										

* 16.000 RPM

NOTE: When cutting soft aluminum a squirt of cutting fluid every now and then will help to eliminate

chip rewelding and improve surface finish.

FORMULAS: Chip Load = Feed Rate / (RPM x # of cutting edges)

Feed Rate (IPM) = RPM x # of cutting edges x chip loadSpeed (RPM) = Feed Rate / (# of cutting edges x chip load)

DEFINITIONS: IPM = Inches Per Minute