
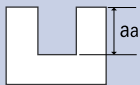


## List 430E: For Aluminum - 3 Flute

### Side Milling

Work Material	Aluminum Aluminum Alloys							
Cutting Speed	195-330 SFM							
Depth of Cut	<table border="1"> <thead> <tr> <th>Dia</th> <th>aa</th> <th>ar</th> </tr> </thead> <tbody> <tr> <td><math>3/8 \leq D \leq 2</math></td> <td>1.5D</td> <td>0.15D</td> </tr> </tbody> </table> 		Dia	aa	ar	$3/8 \leq D \leq 2$	1.5D	0.15D
Dia	aa	ar						
$3/8 \leq D \leq 2$	1.5D	0.15D						
Mill Dia.	Speed RPM	Feed in/min						
3/8	2,700	11.4						
1/2	2,000	12.0						
5/8	1,600	10.7						
3/4	1,350	10.1						
7/8	1,200	10.2						
1	1000	9.0						
1-1/4	800	7.6						
1-1/2	670	6.7						
2	500	5.0						

### Slotting

Work Material	Aluminum Aluminum Alloys					
Cutting Speed	195-330 SFM					
Depth of Cut	<table border="1"> <thead> <tr> <th>Dia</th> <th>aa</th> </tr> </thead> <tbody> <tr> <td><math>3/8 \leq D \leq 2</math></td> <td><math>1/3D</math></td> </tr> </tbody> </table> 		Dia	aa	$3/8 \leq D \leq 2$	$1/3D$
Dia	aa					
$3/8 \leq D \leq 2$	$1/3D$					
Mill Dia.	Speed RPM	Feed in/min				
3/8	2,700	22.9				
1/2	2,000	24.0				
5/8	1,600	21.5				
3/4	1,350	20.3				
7/8	1,200	20.4				
1	1,000	18.0				
1-1/4	800	15.2				
1-1/2	670	13.4				
2	500	15.0				

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