




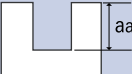
List 2055 - EXOPRO® UVX-Ni : 5 Flute - Corner Radius

Side Milling

Hardness		
Work Material	High Temp. Alloys Inconel Hastelloy	
Cutting Speed	125-150 SFM	
Depth of Cut	$a_a \leq 0.5D$ $a_r \leq 0.3D$ 	
Mill Dia.	Speed RPM	Feed in/min
1/4	2,100	11.0
5/16	1,600	10.0
3/8	1,400	10.0
1/2	1,100	9.5
5/8	800	9.0
3/4	650	8.0
1	500	7.0

1. Use a rigid and precise machine and holder.
2. When chattering occurs, reduce the speed.
3. Use a suitable cutting fluid with high smoke retardant.

Slotting

Hardness		
Work Material	High Temp. Alloys Inconel Hastelloy	
Cutting Speed	75-100 SFM	
Depth of Cut	$a_a \leq 0.5D$ 	
Mill Dia.	Speed RPM	Feed in/min
1/4	1,300	7.0
5/16	1,000	6.5
3/8	900	6.0
1/2	700	5.5
5/8	500	5.0
3/4	400	4.5
1	300	4.0

1. Use a rigid and precise machine and holder.
2. When chattering occurs, reduce the speed.
3. Use a suitable cutting fluid with high smoke retardant.

