

CUTTING CONDITIONS

Milling | Endmills | Cutting conditions

CM-RMS

Side milling • 4 flute type

Heat resistant alloys Inconel 718				
Ø	Cutting Speed (m/min)	Feed per tooth (mm/t)	ap (mm)	ae (mm)
6	400-800	0,02-0,04	≤4,5 (0,75D)	≤0,6 (0,1D)
8	400-800	0,02-0,04	≤6,0 (0,75D)	≤0,8 (0,1D)
10	400-800	0,02-0,07	≤7,5 (0,75D)	≤1,0 (0,1D)
12	400-800	0,02-0,07	≤9,0 (0,75D)	≤1,2 (0,1D)

Slotting • 4 flute type

Heat resistant alloys Inconel 718			
Ø	Cutting Speed (m/min)	Feed per tooth (mm/t)	ap
6	400-800	0,02-0,04	≤1,2 (0,2D)
8	400-800	0,02-0,04	≤1,6 (0,2D)
10	400-800	0,02-0,07	≤2,0 (0,2D)
12	400-800	0,02-0,07	≤2,4 (0,2D)

Side milling • 6 flute type

Heat resistant alloys Inconel 718				
Ø	Cutting Speed (m/min)	Feed per tooth (mm/t)	ap (mm)	ae (mm)
6	400-800	0,02-0,04	≤4,5 (0,75D)	≤0,6 (0,1D)
8	400-800	0,02-0,04	≤6,0 (0,75D)	≤0,8 (0,1D)
10	400-800	0,02-0,07	≤7,5 (0,75D)	≤1,0 (0,1D)
12	400-800	0,02-0,07	≤9,5 (0,75D)	≤1,2 (0,1D)