







D Size	D Tolerance				
Ø4 ~ 8	-0.02 ~ -0.04 mm				
Ø10 ~ 20	-0.02 ~ -0.05 mm				















## ■ 3ARO / 3AROC

## **Cutting Condition**

• RPM : rev./min • Feed : mm/min

	Side Cutting									
Materia l	Aluminum Alloys					Aluminum Alloys				
Outside Diameter	RPM	FEED	Ap Axial Depth	Ae Radial Depth		RPM	FEED	Ap Axial Depth	Ae Radial Depth	
Ø4	30,000	4,200	6	1		16,000	1,800	6	1	
ø5	27,000	4,900	7.5	1.25		14,400	2,000	7.5	1.25	
ø6	24,300	5,500	9	1.5		11,700	2,100	9	1.5	
ø8	18,000	5,400	12	2		9,000	2,200	12	2	
ø10	14,400	5,200	15	2.5		7,200	2,100	15	2.5	
Ø12	11,700	4,800	18	3		5,900	1,900	18	3	
Ø16	9,000	4,600	24	4		4,500	1,800	24	4	
Ø20	7,200	4,300	30	5		3,600	1,700	30	5	
Depth of Cut										

- When entering the tool to the workpiece, enter the tool from outside to the workpiece.
  In case of long effective length, reduce the RPM and feed by 20% or less.
- Use this table for your reference. Adjust the parameters depending on your machining geometry, machining purpose and CNC.
- In case of workpiece and machine do not have enough rigidity and make vibration, reduce the RPM and feed in same proportion.
- Depending on the workpiece and shape, use adequate coolant.

