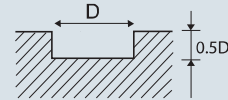
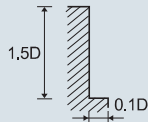


# TECHNICAL DATA | ALU-WAVE |

## WAR502 series

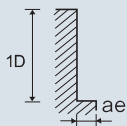
End Cutting	Side Milling, Slotting					
Feed Rate	General Speed Cutting					
Work Material	Aluminum Alloy(A7075)		Aluminum Alloy Casting(Si13%)		Magnesium Alloy Copper Alloy	
Cutting Diameter(metric)	RPM	FEED	RPM	FEED	RPM	FEED
1	32,000	220	32,000	220	23,000	220
1.2	32,000	230	32,000	230	19,000	220
1.4	32,000	260	32,000	260	16,500	220
1.5	32,000	280	32,000	280	15,500	220
1.6	32,000	320	32,000	320	14,500	220
1.8	32,000	360	32,000	360	13,000	220
2	32,000	420	32,000	420	11,500	220
2.5	25,000	600	25,000	600	9,500	250
3	21,000	700	21,000	700	7,950	250
4	15,500	725	15,500	725	5,950	280
5	12,500	760	12,500	760	4,750	295
6	10,500	830	10,500	830	3,950	310
8	7,950	890	7,950	890	2,950	300
10	6,350	995	6,350	995	2,350	365
12	5,300	1,050	5,300	1,050	1,950	390

RPM = rev. / min.  
FEED = mm / min.

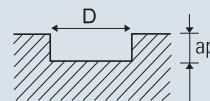


End Cutting	Side Milling, Slotting					
Feed Rate	High Speed Cutting					
Work Material	Aluminum Alloy(A7075)		Aluminum Alloy Casting(Si13%)		Magnesium Alloy Copper Alloy	
Cutting Diameter(metric)	RPM	FEED	RPM	FEED	RPM	FEED
1	50,000	1,000	50,000	950	42,000	700
1.2	50,000	1,200	50,000	1,150	36,000	700
1.4	50,000	1,400	50,000	1,250	31,000	700
1.5	50,000	1,600	48,000	1,250	29,500	700
1.6	50,000	1,700	45,000	1,250	28,000	700
1.8	50,000	1,850	41,000	1,250	26,500	750
2	50,000	2,000	38,000	1,250	24,000	750
2.5	48,000	2,100	31,000	1,250	20,000	750
3	40,000	2,100	26,000	1,250	17,000	750
4	33,000	2,250	20,000	1,350	14,000	800
5	31,000	2,800	19,200	1,650	12,500	950
6	26,000	2,800	15,900	1,700	10,500	1,000
8	19,500	2,900	12,000	1,800	7,900	1,000
10	15,500	3,200	9,600	1,900	6,350	1,100
12	13,000	3,200	8,000	1,900	5,300	1,100

RPM = rev. / min.  
FEED = mm / min.



	ae
Aluminum Alloy, Aluminum Alloy Casting	0.15D
Magnesium Alloy, Copper Alloy	0.1D



	ap
Aluminum Alloy, Aluminum Alloy Casting	0.15D
Magnesium Alloy, Copper Alloy	0.1D