

# Processing Range Chart

## Four-face milling

Aluminum					
Plate thickness (T)	Finished width (W)	Finished length (L)			
		A 5052 P · A L J A D E™-II A 1050 P · A 1100 P A 5083 P · A 6061 P	ALHIGHCE-III	A 2017 P A 2024 P	A 7075 P
1 ~ 2.5	5.00 ~ 7.99	5.00 ~ 650.00			
	8.00 ~ 19.99	8.00 ~ 1690.00			
	20.00 ~ 1247.00 ~	20.00 ~ 2497.00			
3 ~ 4	5.00 ~ 7.99	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00
	8.00 ~ 19.99	8.00 ~ 1690.00	8.00 ~ 1690.00	8.00 ~ 1690.00	8.00 ~ 1690.00
	20.00 ~ 1247.00	20.00 ~ 2497.00	20.00 ~ 2497.00	20.00 ~ 2497.00	20.00 ~ 2497.00
5 ~ 7	5.00 ~ 7.99	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00
	8.00 ~ 19.99	8.00 ~ 1690.00	8.00 ~ 1690.00	8.00 ~ 1690.00	8.00 ~ 1690.00
	20.00 ~ 1247.00 1247.01 ~ 1520.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00	20.00 ~ 2497.00
8 ~ 18	5.00 ~ 7.99	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 650.00
	8.00 ~ 19.99	8.00 ~ 2280.00	8.00 ~ 2280.00	8.00 ~ 1690.00	8.00 ~ 1690.00
	20.00 ~ 1247.00 1247.01 ~ 1520.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00
20 ~ 30.5	15.00 ~ 19.99	15.00 ~ 2280.00	15.00 ~ 2280.00	15.00 ~ 1690.00	15.00 ~ 1690.00
	20.00 ~ 1247.00 1247.01 ~ 1520.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00
35 ~ 41	20.00 ~ 1247.00 1247.01 ~ 1520.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00
45 ~ 51	20.00 ~ 1247.00 1247.01 ~ 1520.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00	20.00 ~ 2497.00
55 ~ 61	30.00 ~ 1247.00 1247.01 ~ 1520.00	30.00 ~ 3047.00		30.00 ~ 2497.00	30.00 ~ 2497.00
65 ~ 100	40.00 ~ 1247.00	40.00 ~ 3047.00		40.00 ~ 2497.00	40.00 ~ 2497.00
110 ~ 120	100.00 ~ 1247.00	100.00 ~ 3047.00		100.00 ~ 2497.00	100.00 ~ 2497.00
130 ~ 140	100.00 ~ 1247.00	100.00 ~ 2497.00		100.00 ~ 2497.00	100.00 ~ 2497.00
150	100.00 ~ 997.00	100.00 ~ 2497.00		100.00 ~ 2497.00	100.00 ~ 2497.00
160 ~ 180	100.00 ~ 540.00	100.00 ~ 540.00			

## Stainless Steel

Plate thickness (T)	Finished width (W)	Finished length (L)
		Grades specified below
2 ~ 5	5.00 ~ 7.99	5.00 ~ 150.00
	8.00 ~ 9.99	8.00 ~ 550.00
	10.00 ~ 1500.00	10.00 ~ 1550.00
6 ~ 10	6.00 ~ 9.99	6.00 ~ 550.00
	10.00 ~ 1500.00	10.00 ~ 1550.00
12 ~ 20	10.00 ~ 1500.00	10.00 ~ 1550.00
22 ~ 30	15.00 ~ 1500.00	15.00 ~ 1550.00
32 ~ 50	25.00 ~ 1500.00	25.00 ~ 1550.00
55 ~ 80	40.00 ~ 1500.00	40.00 ~ 1550.00
85 ~ 100	50.00 ~ 1500.00	50.00 ~ 1550.00

- SUS303 • SUS316 • SUS430 • SUS304 annealed plates
- SUS304 • SUS304L • SUS410 • SUS310S
- SUS316L • SUS303 annealed plates

## Rolled Copper

Plate thickness (T)	Finished width (W)	Finished length (L)
		Grades specified below
1 ~ 9	5.00 ~ 150.00	5.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
	12.00 ~ 150.00	12.00 ~ 600.00
10 ~ 18	150.01 ~ 300.00	150.01 ~ 300.00
20 ~ 30	17.00 ~ 150.00	17.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
35 ~ 50	22.00 ~ 150.00	22.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
55 ~ 60	32.00 ~ 150.00	32.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
65 ~ 100	50.00 ~ 150.00	50.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00

- Oxygen-free copper plates • tough pitch copper plates • brass plates • chromium copper plates

# Processing Range Chart

## Six face milling

Aluminum					
Finished thickness (T)	Finished width (W)	Finished length (L)			
		A 5052 P · A L J A D E™-II A 1050 P · A 1100 P A 5083 P · A 6061 P	ALHIGHCE-III	A 2017 P A 2024 P	A 7075 P
2.00 ~ 2.49	5.00 ~ 50.00	5.00 ~ 100.00		5.00 ~ 100.00	5.00 ~ 100.00
	2.50 ~ 2.99	5.00 ~ 146.00	5.00 ~ 150.00	5.00 ~ 150.00	5.00 ~ 150.00
3.00 ~ 4.99	5.00 ~ 100.00	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 600.00	5.00 ~ 600.00
	100.01 ~ 146.00	100.01 ~ 600.00	100.01 ~ 1100.00		
	146.01 ~ 390.00	146.01 ~ 460.00			
5.00 ~ 7.99	5.00 ~ 7.99	5.00 ~ 650.00	5.00 ~ 650.00	5.00 ~ 600.00	5.00 ~ 600.00
	8.00 ~ 100.00	8.00 ~ 1690.00	8.00 ~ 1690.00	8.00 ~ 1250.00	8.00 ~ 1250.00
	100.01 ~ 193.00	100.01 ~ 700.00	8.00 ~ 1690.00	100.01 ~ 700.00	100.01 ~ 700.00
	193.01 ~ 304.00			193.01 ~ 600.00	193.01 ~ 600.00
	304.01 ~ 390.00				
390.01 ~ 700.00		390.01 ~ 1100.00			
8.00 ~ 9.99	8.00 ~ 304.00	8.00 ~ 2280.00	8.00 ~ 2280.00	8.00 ~ 1690.00	8.00 ~ 1690.00
	304.01 ~ 390.00			304.01 ~ 1000.00	304.01 ~ 1000.00
	390.01 ~ 560.00	390.01 ~ 1250.00	390.01 ~ 1690.00		
	560.01 ~ 1150.00				
10.00 ~ 12.99	10.00 ~ 390.00	10.00 ~ 2280.00	10.00 ~ 2280.00	10.00 ~ 1690.00	10.00 ~ 1690.00
	390.01 ~ 560.00			560.01 ~ 815.00	
	560.01 ~ 815.00	390.01 ~ 1690.00	390.01 ~ 1690.00		
	815.01 ~ 1150.00				
1150.01 ~ 1520.00		1150.01 ~ 1520.00			
13.00 ~ 14.99	10.00 ~ 815.00	10.00 ~ 2280.00	10.00 ~ 2520.00	10.00 ~ 1690.00	10.00 ~ 1690.00
	815.01 ~ 1150.00			815.01 ~ 1150.00	
	1150.01 ~ 1247.00	1150.01 ~ 1690.00	10.00 ~ 2520.00		1150.01 ~ 1250.00
	1247.01 ~ 1520.00				
15.00 ~ 19.99	10.00 ~ 390.00	10.00 ~ 2520.00	10.00 ~ 2520.00	10.00 ~ 1690.00	10.00 ~ 2280.00
	390.01 ~ 1150.00			1150.01 ~ 1250.00	
	1150.01 ~ 1247.00	1150.01 ~ 2280.00	10.00 ~ 2520.00	1150.01 ~ 1250.00	390.01 ~ 1690.00
	1247.01 ~ 1520.00				
20.00 ~ 29.99	20.00 ~ 100.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 3047.00	20.00 ~ 2497.00
	100.01 ~ 390.00			100.01 ~ 2520.00	
	390.01 ~ 815.00	100.01 ~ 2520.00	100.01 ~ 2520.00	390.01 ~ 2280.00	390.01 ~ 2280.00
	815.01 ~ 1247.00			815.01 ~ 1690.00	815.01 ~ 1690.00
	1247.01 ~ 1520.00				
30.00 ~ 36.00	30.00 ~ 120.00	30.00 ~ 3047.00	30.00 ~ 3047.00	30.00 ~ 3047.00	30.00 ~ 2497.00
	120.01 ~ 1247.00			120.01 ~ 2520.00	
	1247.01 ~ 1520.00				
36.01 ~ 46.00	30.00 ~ 120.00	30.00 ~ 3047.00	30.00 ~ 3047.00	30.00 ~ 2497.00	30.00 ~ 2497.00
	120.01 ~ 1247.00			120.01 ~ 2520.00	
	1247.01 ~ 1520.00				
46.01 ~ 56.00	30.00 ~ 130.00	30.00 ~ 3047.00	30.00 ~ 3047.00	30.00 ~ 2497.00	30.00 ~ 2497.00
	130.01 ~ 1247.00			130.01 ~ 2520.00	
	1247.01 ~ 1520.00				
56.01 ~ 100.00	50.00 ~ 150.00	50.00 ~ 3047.00	50.00 ~ 3047.00	50.00 ~ 2497.00	50.00 ~ 2497.00
	150.01 ~ 1247.00			150.01 ~ 2520.00	
100.01 ~ 116.00	100.00 ~ 150.00	100.00 ~ 3047.00	100.00 ~ 3047.00	100.00 ~ 2497.00	100.00 ~ 2497.00
	150.01 ~ 1247.00			150.01 ~ 2520.00	
116.01 ~ 146.00	100.00 ~ 997.00	100.00 ~ 2497.00		100.00 ~ 2497.00	100.00 ~ 2497.00
146.01 ~ 150.00	100.00 ~ 997.00	100.00 ~ 2497.00	100.00 ~ 2497.00	Plate thickness finished up to 149.5 depending on the width and length ensions	100.00 ~ 2497.00
150.01 ~ 180.00	100.00 ~ 540.00	100.00 ~ 540.00			100.00 ~ 540.00

## Stainless Steel

Finished thickness (T)	Finished width (W)	Finished length (L)	
		303 303 annealed plates 410 etc.	304 · 304 annealed plates 304L · 310S · 316 · 316L 430 etc.
2.00 ~ 2.99	5.00 ~ 50.00	5.00 ~ 150.00	5.00 ~ 150.00
3.00 ~ 3.99	5.00 ~ 7.99	5.00 ~ 150.00	5.00 ~ 150.00
	8.00 ~ 150.00	8.00 ~ 800.00	8.00 ~ 650.00
4.00 ~ 4.99	5.00 ~ 7.99	5.00 ~ 150.00	5.00 ~ 150.00
	8.00 ~ 150.00	8.00 ~ 800.00	8.00 ~ 800.00
	150.01 ~ 200.00	150.01 ~ 400.00	150.01 ~ 200.00
	200.01 ~ 350.00		
5.00 ~ 5.99	5.00 ~ 7.99	5.00 ~ 300.00	5.00 ~ 300.00
	8.00 ~ 150.00	8.00 ~ 800.00	8.00 ~ 800.00
	150.01 ~ 250.00	150.01 ~ 400.00	150.01 ~ 250.00
	250.01 ~ 350.00		
6.00 ~ 7.99	6.00 ~ 7.99	6.00 ~ 500.00	6.00 ~ 500.00
	8.00 ~ 150.00	8.00 ~ 800.00	8.00 ~ 800.00
	150.01 ~ 350.00		150.01 ~ 600.00
8.00 ~ 9.99	8.00 ~ 49.99	8.00 ~ 800.00	8.00 ~ 800.00
	50.00 ~ 500.00	50.00 ~ 1200.00	50.00 ~ 1000.00
	500.01 ~ 1000.00		
10.00 ~ 14.99	10.00 ~ 49.99	10.00 ~ 1000.00	10.00 ~ 800.00
	50.00 ~ 1000.00	50.00 ~ 1550.00	50.00 ~ 1200.00
15.00 ~ 19.99	15.00 ~ 49.99	15.00 ~ 1550.00	15.00 ~ 1000.00
	50.00 ~ 1000.00		50.00 ~ 1550.00
20.00 ~ 29.99	20.00 ~ 49.99	20.00 ~ 1550.00	20.00 ~ 1000.00
	50.00 ~ 1000.00		50.00 ~ 1550.00
30.00 ~ 49.99	30.00 ~ 49.99	30.00 ~ 1550.00	30.00 ~ 1000.00
	50.00 ~ 1000.00		50.00 ~ 1550.00
50.00 ~ 79.99	50.00 ~ 1000.00	50.00 ~ 1550.00	50.00 ~ 1550.00
80.00 ~ 100.00	80.00 ~ 1000.00	80.00 ~ 1550.00	80.00 ~ 1550.00

## Rolled Copper

Finished thickness (T)	Finished width (W)	Finished length (L)
		Grades specified below
3.00 ~ 5.99	5.00 ~ 150.00	5.00 ~ 150.00
6.00 ~ 7.99	5.00 ~ 150.00	5.00 ~ 300.00
8.00 ~ 9.99	5.00 ~ 150.00	5.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
10.00 ~ 19.99	10.00 ~ 150.00	10.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
20.00 ~ 29.99	20.00 ~ 150.00	20.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
30.00 ~ 49.99	30.00 ~ 150.00	30.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00
50.00 ~ 100.00	50.00 ~ 150.00	50.00 ~ 600.00
	150.01 ~ 300.00	150.01 ~ 300.00

- Oxygen-free copper plates
- tough pitch copper plates
- brass plates
- chromium copper plates

## Chamfering

### • All-round chamfering

Aluminum: Normally, light chamfering for around 0.1 mm; Chamfering available for a maximum of 5 mm

Stainless steel: Normally, light chamfering for around 0.1 mm; Chamfering available for a maximum of 3 mm

Rolled copper: Normally, light chamfering for around 0.1 mm; Chamfering available for a maximum of 5 mm

### • Corner chamfering

Aluminum: Chamfering available for 0.1 mm to 60 mm, or cutting with a chip saw for processing of more than 60 mm

Stainless steel: Chamfering available for 0.1 mm to 60 mm

Rolled copper: Chamfering available for 0.1 mm to 25 mm