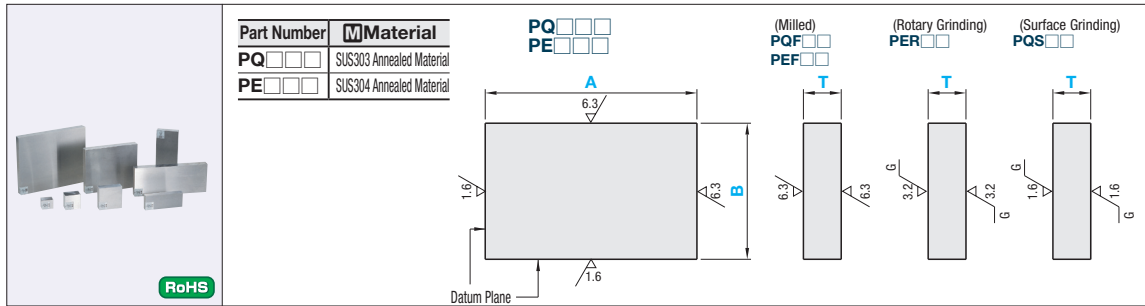
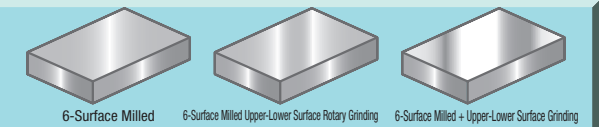


Configurable Plates - SUS303 / SUS304 Annealed Material

■ Features of SUS303 and 304 Annealed Material
 Stress-relief heat treated to relieve distortion for machining.
 Suitable for warpage prevention during machining.
 However, it has inferior corrosion resistance.



(Ex.) For PQFQM-255-100-10
 A Dimension x Area Unit Price = Price

Type	Upper-Lower Surface Finish	① Plate Thickness Tolerance	② A, B Dimension Tolerance		0.5mm Increment		T
			A	B	A	B	
PQ	F (Milled)	P	15~500	10~200	6.5~30		
	S (Surface Grinding)					Q	N
PE	F (Milled)	M					
	R (Rotary Grinding)		N	M			

① Plate Thickness Tolerance					② A, B Dimension Tolerance					
Upper-Lower Surface Finish	P	Q	N	M	Upper-Lower Surface Finish	A, B Dimension	P	Q	N	M
F (Milled), R (Rotary Grinding)	+0.1~+0.3	0~+0.2	±0.1	-0.2~0	F (Milled), R (Rotary Grinding), S (Surface Grinding)	250mm or Less	+0.1~+0.3	0~+0.2	±0.1	-0.2~0
S (Surface Grinding)	+0.1~+0.2	0~+0.1	±0.05	-0.1~0	S (Surface Grinding)	250.5mm or More	+0.1~+0.6	0~+0.5	±0.25	-0.5~0

■ Precision Standards (Max. Value)

Item	Upper-Lower Surface Finish			
	F	R	S	
Thickness Parallelism (per 100mm)	0.05	0.012	0.012	
Flatness (per 100mm)	T6.5~7.5	0.1	0.05	0.05
	T8~15.5	0.07	0.03	0.03
	T16~25.5	0.05	0.015	0.015
	T26~30	0.05	0.012	0.012
Perpendicularity of Datum Plane	0.015 per 100mm			
Circumference Chamfering	C0.2~C0.5			

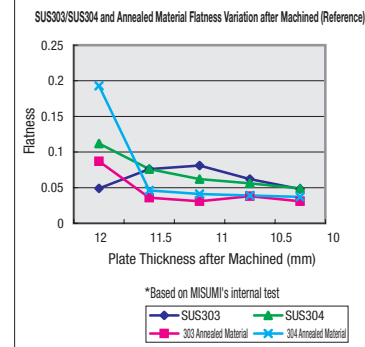


Ordering Example: Part Number - A - B - T
 PQ F Q M - 255 - 155 - 18

Alterations: Part Number - A - B - T - (CSC, CBC, CCA... etc.)
 PQFNM - 300 - 155 - 20 - CSC

Alterations	Circumference Chamfering		Corner Cut
	CSC	CBC	CCA, CCB, CCC, CCD
Code	CSC	CBC	CCA, CCB, CCC, CCD
Spec.	Reduce the circumference chamfering dimension. Standard C0.2 ~ C0.5 → C0.1 or Less	Increase the circumference chamfering dimension. Standard C0.2 ~ C0.5 → C0.5~C1.0	Cuts any corners. 1mm Increment 1≤ Corner C0.2 ≤50 $C_s \leq \frac{A}{2}, \frac{B}{2}$ Ordering Code: (Ex.) When the corners of A and D are cut by C5, → CCA5-CCD5 1mm Increment: 1~5 6~10 11~20 21~30 31~40 41~50

■ Comparison of Flatness Variation Caused by Upper-Lower Surface Milled Cutter



*Based on MISUMI's internal test
 [Testing Method] Four materials shown above (150x150x12mm) are machined with a milled path of 0.5mm and the flatness is measured with a three dimensional measuring instrument.

The test results above show that, after being machined, annealed SUS303/304 have better flatness than SUS303/304.

Part Number	A	B	T	Plate Thickness Tolerance								
				6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30		
PQF	15 ~ 50	10~19.5	-									
	50.5 - 100											
	100.5 - 150											
	20 ~ 50	20~25	-									
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	25.5~40	-									
	25.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	40.5~60	-									
	200.5 - 500											
	40.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	60.5~80	-									
	200.5 - 500											
	60.5 - 75											
	75.5 - 100											
	100.5 - 200											
200.5 - 500												
80.5 - 100	80.5~100	-										
100.5 - 200												
200.5 - 500												
100.5 - 125												
125.5 - 200												
200.5 - 500												
125.5 - 200			125.5-150	-								
150.5 - 200												
200.5 - 500												
150.5 - 200												
200.5 - 500												
160.5 - 200												
200.5 - 500	160.5-200	-										
160.5 - 200												
200.5 - 500												

Part Number	A	B	T	Plate Thickness Tolerance								
				6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30		
PEF	15 ~ 50	10~19.5	-									
	50.5 - 100											
	100.5 - 150											
	20 ~ 50	20~25	-									
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	25.5~40	-									
	25.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	40.5~60	-									
	200.5 - 500											
	40.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	60.5~80	-									
	200.5 - 500											
	60.5 - 75											
	75.5 - 100											
	100.5 - 200											
200.5 - 500												
80.5 - 100	80.5~100	-										
100.5 - 200												
200.5 - 500												
100.5 - 125												
125.5 - 200												
200.5 - 500												
125.5 - 200			125.5-150	-								
150.5 - 200												
200.5 - 500												
150.5 - 200												
200.5 - 500												
160.5 - 200												
200.5 - 500	160.5-200	-										
160.5 - 200												
200.5 - 500												

Part Number	A	B	T	Plate Thickness Tolerance								
				6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30		
PQS	15 ~ 50	10~19.5	-									
	50.5 - 100											
	100.5 - 150											
	20 ~ 50	20~25	-									
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	25.5~40	-									
	25.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	40.5~60	-									
	200.5 - 500											
	40.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	60.5~80	-									
	200.5 - 500											
	60.5 - 75											
	75.5 - 100											
	100.5 - 200											
200.5 - 500												
80.5 - 100	80.5~100	-										
100.5 - 200												
200.5 - 500												
100.5 - 125												
125.5 - 200												
200.5 - 500												
125.5 - 200			125.5-150	-								
150.5 - 200												
200.5 - 500												
150.5 - 200												
200.5 - 500												
160.5 - 200												
200.5 - 500	160.5-200	-										
160.5 - 200												
200.5 - 500												

Part Number	A	B	T	Plate Thickness Tolerance								
				6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30		
PER	15 ~ 50	10~19.5	-									
	50.5 - 100											
	100.5 - 150											
	20 ~ 50	20~25	-									
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	25.5~40	-									
	25.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	40.5~60	-									
	200.5 - 500											
	40.5 - 50											
	50.5 - 75											
	75.5 - 100											
	100.5 - 200	60.5~80	-									
	200.5 - 500											
	60.5 - 75											
	75.5 - 100											
	100.5 - 200											
200.5 - 500												
80.5 - 100	80.5~100	-										
100.5 - 200												
200.5 - 500												
100.5 - 125												
125.5 - 200												
200.5 - 500												
125.5 - 200			125.5-150	-								
150.5 - 200												
200.5 - 500												
150.5 - 200												
200.5 - 500												
160.5 - 200												
200.5 - 500	160.5-200	-										
160.5 - 200												
200.5 - 500												