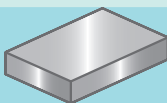
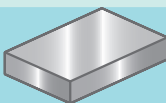


Configurable Plates - EN 1.4305 Equiv. / EN 1.4301 Equiv. Annealed Material

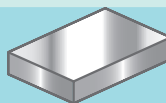
■ Features of EN 1.4305 Equiv. and 304 Annealed Material
Stress-relief heat treated to relieve distortion for machining.
Suitable for warpage prevention during machining.
However, it has inferior corrosion resistance.



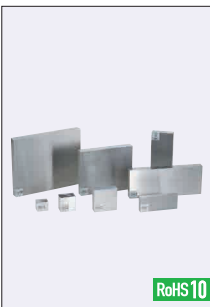
6-Surface Milled



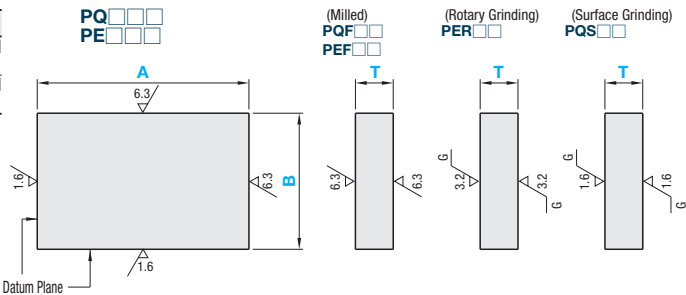
6-Surface Milled Upper-Lower Surface Rotary Grinding



6-Surface Milled + Upper-Lower Surface Grinding



Part Number	Material
PQ□□□	EN 1.4305 Equiv. Annealed Material
PE□□□	EN 1.4301 Equiv. Annealed Material



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

① Plate Thickness Tolerance

Upper-Lower Surface Finish	P	Q	N	M
F (Milled), R (Rotary Grinding)	+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

② A, B Dimension Tolerance

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

Precision Standards

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
	T8~15.5	0.07	0.03
	T16~25.5	0.05	0.015
	T26~30	0.05	0.012
Perpendicularity of Datum Plane	0.015 per 100mm		
Circumference Chamfering	C0.2~C0.5		



Ordering Example

Part Number				- A - B - T		
Type	Upper-Lower Surface Finish	Plate Thickness Tolerance	A, B Dimension Tolerance			
PQ	F	Q	M	- 255	- 155	- 18

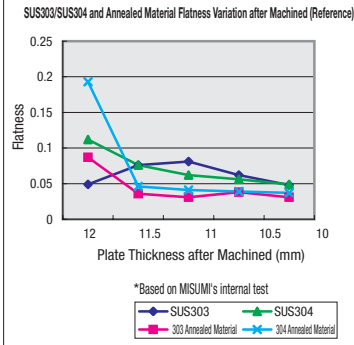


Alterations

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

Alterations	Circumference Chamfering		Corner Cut
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 Cut ≤50 $C \leq \frac{A}{2}, \frac{B}{2}$ [Ordering Code] (Ex.) When the corners of A and D are cut by C5, → CCA5-CCD5

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



[Testing Method] Four materials shown above (155x155x12mm) 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 EN 1.4305 Equiv./304 have better flatness than EN 1.4305 Equiv./304.

(Ex.) For PQFQM-255-100-10

A Dimension x Area Unit Price = Price

Part Number	A	T B	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	40.5~60							
	100.5 ~ 200								
	200.5 ~ 500		-						
	40.5 ~ 50	60.5~80							
	50.5 ~ 75								
	75.5 ~ 100								
	100.5 ~ 200	80.5~100							
	200.5 ~ 500		-						
	60.5 ~ 75								
	75.5 ~ 100	100.5~125							
	100.5 ~ 200								
	200.5 ~ 500		-						
	80.5 ~ 100	125.5~150							
	100.5 ~ 200								
200.5 ~ 500	-								
100.5 ~ 125	150.5~160								
125.5 ~ 200									
200.5 ~ 500		-							
150.5 ~ 200	160.5~200								
200.5 ~ 500		-							
160.5 ~ 200									
200.5 ~ 500		-							