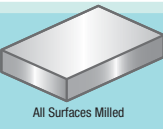
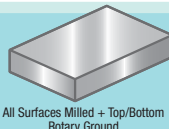


1.4305/X10CrNiS18-9 / 1.4301/X5CrNi18-10 Annealed Configurable Plates

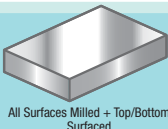
■ Features of 1.4305/X10CrNiS18-9 Stainless Steel and 1.4301/X5CrNi18-10 Annealed
Provided stress-relief heat treatment to avoid distortion when machined. Suitable for warpage prevention during machining. However, it has inferior corrosion resistance.



All Surfaces Milled



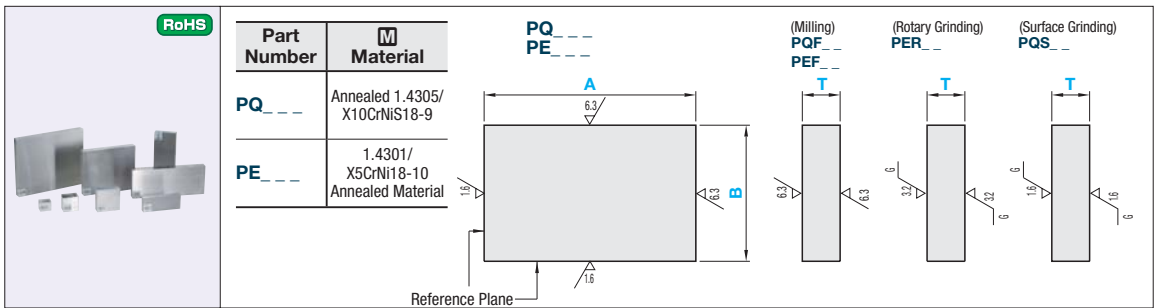
All Surfaces Milled + Top/Bottom Rotary Ground



All Surfaces Milled + Top/Bottom Surfaced

Price Reduction

3% on average



Part Number		Material	
PQ	---	Annealed 1.4305/ X10CrNiS18-9	
PE	---	1.4301/ X5CrNi18-10 Annealed Material	

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

(1) Plate Thickness Tolerance

2-Surface Finish	A, B Length	P	Q	N	M
F (Milling)	550mm or less	+0.1~-0.3	0~-0.2	±0.1	-0.2~0
R (Rotary Grinding)	550.5mm or more	+0.1~-0.4	0~-0.3	±0.15	-0.3~0
S (Surface Grinding)	-	+0.1~-0.2	0~-0.1	±0.05	-0.1~0

(2) A, B Dimension Tolerance

2-Surface Finish	A, B Dimension	P	Q	N	M
F (Milling)	250mm or less	+0.1~-0.3	0~-0.2	±0.1	-0.2~0
R (Rotary Grinding)	250.5mm or more	+0.1~-0.4	0~-0.3	±0.15	-0.3~0
S (Surface Grinding)	250.5mm or more	+0.1~-0.2	0~-0.1	±0.05	-0.1~0

Accuracy Standards

(Max. Value)

Item	2-Surface Finish		
	F	R	S
Thickness Parallelism (per 100mm)	0.05	0.012	0.012
Flatness (per 100mm)	T5~7.5	0.1	0.05
	T8~15.5	0.07	0.03
	T16~25.5	0.05	0.015
	T26~35	0.05	0.012
Perpendicularity of Reference Plane	0.015 per 100mm		
Circumference Chamfering	C0.2~C0.5		



Order Example

Part Number				- A - B - T		
Type	2-Surface Finish	Plate Thickness Tolerance	A, B Dimension Tolerance			
PQ	F	Q	M	- 255 - 155 - 18		



Days to Ship

- PQF / PEF
8 Days

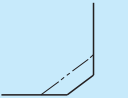
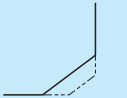
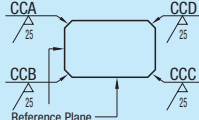
Ⓜ P88

- PQS / PER
10 Days

Ⓜ P88

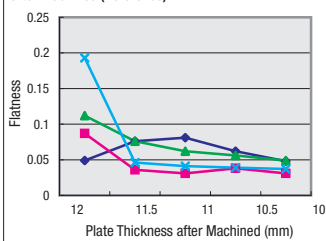


Alterations

Alterations	Circumference Chamfering		Corner Cut															
																		
Code	CSC	CBC	CCA / CCB / CCC / CCD															
Spec.	Changes the circumference chamfering dimension. C0.2~C0.5---> C0.1 or less	Changes the chamfering dimension. 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 (Example)(Ex.) When the corners of A and D are cut by C5, --->CCA5-CCD5	<table><tr><th>1mm Increment</th><th>Price Adder</th></tr><tr><td>1~ 5</td><td>2.00</td></tr><tr><td>6~10</td><td>2.50</td></tr><tr><td>11~20</td><td>4.50</td></tr><tr><td>21~30</td><td>6.00</td></tr><tr><td>31~40</td><td>7.00</td></tr><tr><td>41~50</td><td>8.00</td></tr></table>	1mm Increment	Price Adder	1~ 5	2.00	6~10	2.50	11~20	4.50	21~30	6.00	31~40	7.00	41~50	8.00
	1mm Increment	Price Adder																
1~ 5	2.00																	
6~10	2.50																	
11~20	4.50																	
21~30	6.00																	
31~40	7.00																	
41~50	8.00																	
Price Adder	Free of Charge	Free of Charge	Refer to spec.															

Comparison of Flatness Variation Caused by Upper-Lower Surface Milling Cutter

1.4305/X10CrNiS18-9 / 1.4301/X5CrNi18-10 and Annealed 1.4305/X10CrNiS18-9 / 1.4301/X5CrNi18-10 Flatness Variation after Machined (Reference)



[Testing Method] Four materials shown above (155x155x12mm) are machined with a milling path of 0.5mm and the flatness is measured with a three dimensional measuring instrument.

The test results above show that, after machined, annealed 1.4305/X10CrNiS18-9 / 1.4301/X5CrNi18-10 have better flatness than 1.4305/X10CrNiS18-9 / 1.4301/X5CrNi18-10



Price

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

A Dimension	Area € Unit Price	Price (Round down to ten Cent.)
255	x 24 Cent	= 61,20 €

Volume Discount (Round down to ten Cent.) P88

Quantity Rate	1~4 € Unit Price	5~19 5%
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Ⓜ For orders larger than indicated quantity, please request a quotation.

Part Number	A	B	T	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	6.5-8							
	50.5-100									
	100.5-150									
	20 ~ 50									
	50.5 ~ 75	20~25	8.5-10							
	75.5-100									
	100.5-200									
	25.5 ~ 50									
	50.5 ~ 75	25.5-40	10.5-12							
	75.5-100									
	100.5-200									
	200.5-500									
	40.5 ~ 50	40.5-60	12.5-15							
	50.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	60.5-80	15.5-20							
	60.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	80.5-100	20.5-25							
	80.5-100									
	100.5-200									
	200.5-500									

Part Number	A	B	T	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	6.5-8							
	50.5-100									
	100.5-150									
	20 ~ 50									
	50.5 ~ 75	20~25	8.5-10							
	75.5-100									
	100.5-200									
	25.5 ~ 50									
	50.5 ~ 75	25.5-40	10.5-12							
	75.5-100									
	100.5-200									
	200.5-500									
	40.5 ~ 50	40.5-60	12.5-15							
	50.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	60.5-80	15.5-20							
	60.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	80.5-100	20.5-25							
	80.5-100									
	100.5-200									
	200.5-500									

Part Number	A	B	T	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	6.5-8							
	50.5-100									
	100.5-150									
	20 ~ 50									
	50.5 ~ 75	20~25	8.5-10							
	75.5-100									
	100.5-200									
	25.5 ~ 50									
	50.5 ~ 75	25.5-40	10.5-12							
	75.5-100									
	100.5-200									
	200.5-500									
	40.5 ~ 50	40.5-60	12.5-15							
	50.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	60.5-80	15.5-20							
	60.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	80.5-100	20.5-25							
	80.5-100									
	100.5-200									
	200.5-500									

Part Number	A	B	T	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	6.5-8							
	50.5-100									
	100.5-150									
	20 ~ 50									
	50.5 ~ 75	20~25	8.5-10							
	75.5-100									
	100.5-200									
	25.5 ~ 50									
	50.5 ~ 75	25.5-40	10.5-12							
	75.5-100									
	100.5-200									
	200.5-500									
	40.5 ~ 50	40.5-60	12.5-15							
	50.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	60.5-80	15.5-20							
	60.5 ~ 75									
	75.5-100									
	100.5-200									
	200.5-500	80.5-100	20.5-25							
	80.5-100									
	100.5-200									
	200.5-500									