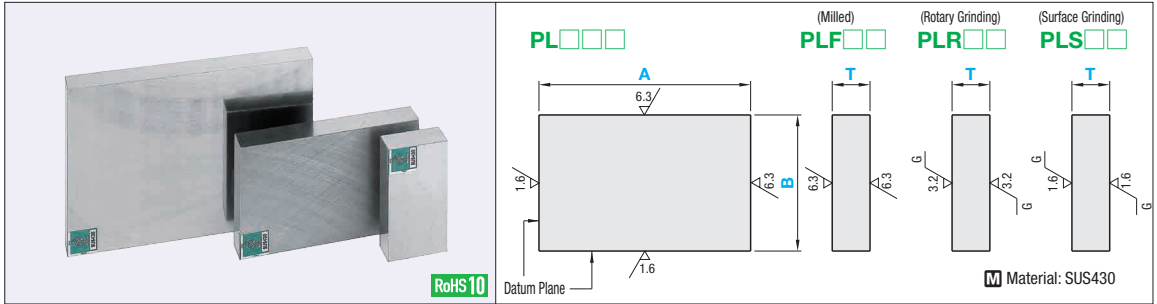


# Configurable Plates - SUS430



Part Number				0.5mm Increment		
Type	Upper-Lower Surface Finish	① Plate Thickness Tolerance	② A, B Dimension Tolerance	A	B	T
				A ≥ B		
PL	F (Milled)	P Q N M	P Q N M	20~500	20~200	5~30
	R (Rotary Grinding)			20~200		
	S (Surface Grinding)					

Some sizes cannot be machined. See the price list for details.

Please choose the size such that  $A \geq B$  for milled and rotary-ground products and  $A < B \times 3$  for surface-ground products.

## ① Plate Thickness Tolerance

Upper-Lower Surface Finish	P	Q	N	M
F (Milled)	+0.1~+0.3	0~+0.2	±0.1	-0.2~0
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

(Max. Value)

Item	Upper-Lower Surface Finish			
	F (Milled)	R (Rotary Grinding)	S (Surface Grinding)	
Thickness Parallelism (per 100mm)	0.05	0.012	0.012	
Flatness (per 100mm)	T5~7.5	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						
Type	Upper-Lower Surface Finish	Plate Thickness Tolerance	A, B Dimension Tolerance	A	B	T
PL	F	Q	M	255	155	18



Alterations



Part Number - A - B - T - (CSC, CBC, CCA...etc.)  
PLRNM - 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 1~5 6~10 11~20 21~30 31~40 41~50 Ordering Code (Ex.)When the corners of A and D are cut by C5, ... CCA5-CCD5

## Corrosion Resistance of Stainless Steel (Reference)

Testing Method Conforms to the JIS H 8502 Cycle Test Method as a complex corrosion test.

- Testing Conditions
- ① Salt Water Spray Test (5%NaCl, 35°C) 2hr
  - ② Dry (60°C)
  - ③ Wet (85%RH 50°C)

Appearance comparison before the test, 48hr after the test and 168hr after the test.

	SUS430	SUS303	SUS304
Before Test			
48 H			
168 H			