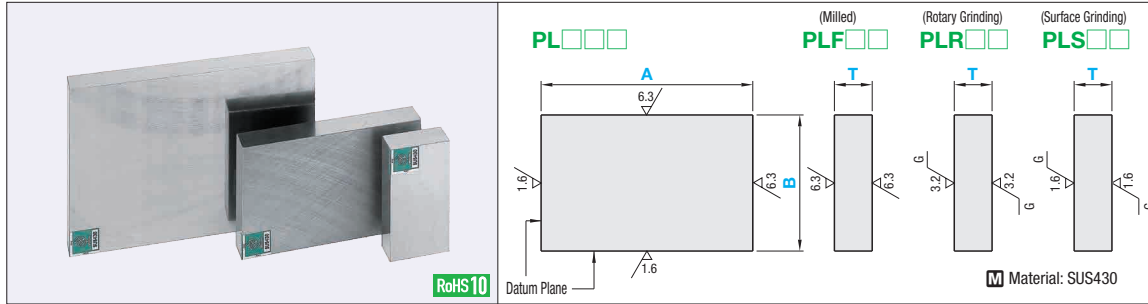
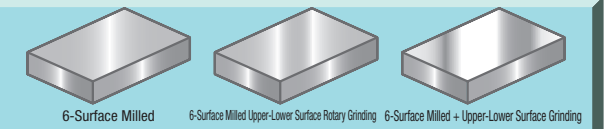


Configurable Plates - SUS430

Features of SUS430

Ferritic Stainless Steel with excellent corrosion resistance.
Magnetic permeability is effective in preventing warpage during machining.
Its tempering hardenability is low.



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

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

Item	Upper-Lower Surface Finish (Max. Value)		
	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
	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		



Part Number: **PL F Q M - 255 - 155 - 18**

Ordering Example: Type - Upper-Lower Surface Finish - Plate Thickness Tolerance - A, B Dimension Tolerance - A - B - T

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

Alterations	Circumference Chamfering	Corner Cut
	Code: CSC	Code: CBC
Spec.	Reduce the circumference chamfering dimension. Standard C0.2 ~ C0.5 → C0.1 or Less	Increases 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:
- Salt Water Spray Test (5%NaCl, 35°C) 2hr
 - Dry (60°C)
 - 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			

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

A Dimension x Area Unit Price = Price

Part Number	A	B	T	5	5.5-6	6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30	
PLF	20 ~ 50	20-25	5-30										
	50.5- 75												
	75.5- 100												
	100.5- 250	25.5-40											
	250.5- 350												
	25.5- 50												
	50.5- 75	40.5-60											
	75.5- 100												
	100.5- 200												
	200.5- 500	60.5-80											
	40.5- 50												
	50.5- 75												
	75.5- 100	80.5-100											
	100.5- 200												
	200.5- 500												
	80.5- 100	100.5-125											
	100.5- 200												
	200.5- 500												
100.5- 125	125.5-150												
125.5- 200													
200.5- 500													
150.5- 200	150.5-160												
200.5- 500													
160.5- 200													
200.5- 500	160.5-200												

Part Number	A	B	T	5	5.5-6	6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30	
PLR	20 ~ 50	20-25	5-30										
	50.5- 75												
	75.5- 100												
	100.5- 250	25.5-40											
	250.5- 350												
	25.5- 50												
	50.5- 75	40.5-60											
	75.5- 100												
	100.5- 200												
	200.5- 500	60.5-80											
	40.5- 50												
	50.5- 75												
	75.5- 100	80.5-100											
	100.5- 200												
	200.5- 500												
	80.5- 100	100.5-125											
	100.5- 200												
	200.5- 500												
125.5- 200	125.5-150												
125.5- 200													
200.5- 500													
150.5- 200	150.5-160												
200.5- 500													
160.5- 200													
200.5- 500	160.5-200												

Part Number	A	B	T	5	5.5-6	6.5-8	8.5-10	10.5-12	12.5-15	15.5-20	20.5-25	25.5-30	
PLS	20 ~ 50	20-25	5-30										
	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												
	80.5- 100												
	100.5- 200	100.5-125											
	100.5- 200												
	125.5- 200												
150.5- 200	150.5-160												
150.5- 200													
160.5- 200													
200.5- 500	160.5-200												