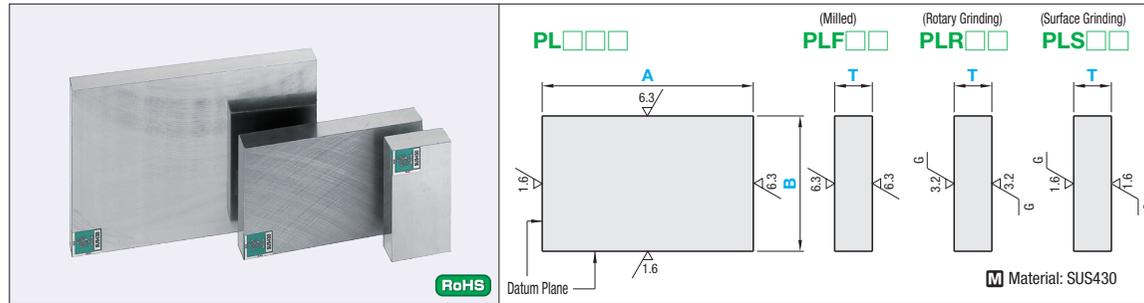
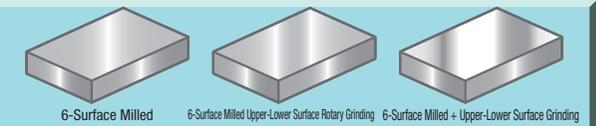


Configurable Plates - SUS430

Features of SUS430

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



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

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 |
| | 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 | | |



Ordering Example

| 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 |
| 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 |

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 | | | | | | | | | | | | |
| | 250.5- 350 | | | | | | | | | | | | |
| | 25.5~ 50 | 25.5-40 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 40.5~ 50 | 40.5-60 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 60.5~ 75 | 60.5-80 | 5-30 | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 80.5- 100 | | | | | | | | | | | | |
| 100.5- 200 | 80.5-100 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 100.5- 125 | | | | | | | | | | | | | |
| 125.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 200 | 100.5-125 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 160 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | 150.5-160 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 200.5- 500 | 160.5-200 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |

| 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 | | | | | | | | | | | | |
| | 250.5- 350 | | | | | | | | | | | | |
| | 25.5~ 50 | 25.5-40 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 40.5~ 50 | 40.5-60 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 60.5~ 75 | 60.5-80 | 5-30 | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 80.5- 100 | | | | | | | | | | | | |
| 100.5- 200 | 80.5-100 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 100.5- 125 | | | | | | | | | | | | | |
| 125.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 200 | 100.5-125 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | 150.5-160 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 200.5- 500 | 160.5-200 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |

| 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- 250 | | | | | | | | | | | | |
| | 250.5- 350 | | | | | | | | | | | | |
| | 25.5~ 50 | 25.5-40 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 40.5~ 50 | 40.5-60 | 5-30 | | | | | | | | | | |
| | 50.5~ 75 | | | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 60.5~ 75 | 60.5-80 | 5-30 | | | | | | | | | | |
| | 75.5- 100 | | | | | | | | | | | | |
| | 100.5- 200 | | | | | | | | | | | | |
| | 200.5- 500 | | | | | | | | | | | | |
| | 80.5- 100 | | | | | | | | | | | | |
| 100.5- 200 | 80.5-100 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 100.5- 125 | | | | | | | | | | | | | |
| 125.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 200 | 100.5-125 | 5-30 | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 150.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | 150.5-160 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 200.5- 500 | 160.5-200 | 5-30 | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |
| 160.5- 200 | | | | | | | | | | | | | |
| 200.5- 500 | | | | | | | | | | | | | |