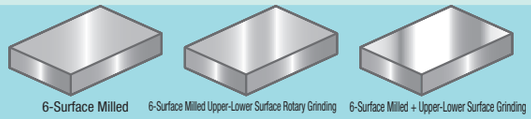
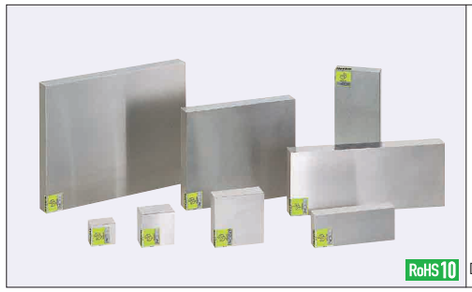
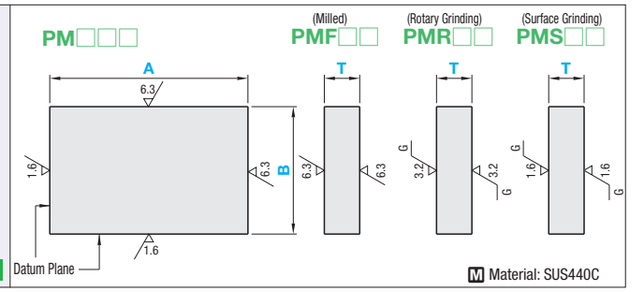
Configurable Plates - SUS440C

Features of SUS440C
Martensitic Stainless Steel with the highest degree of hardness provided by heat treatment.







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

Some sizes cannot be machined. See the price list for details.
Please choose the size such that A ≥ B for milled and rotary-ground products and A < B × 3 for surface-ground products.

①Plate 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

②A, 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)

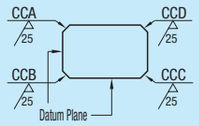
Item		Upper-Lower Surface Finish F (Milled)	R (Rotary Grinding)	S (Surface Grinding)
Thickness Parallelism (per 100mm)		0.05	0.012	0.012
Flatness (per 100mm)	T5~7.5	0.1	0.05	0.05
	T8~15.5	0.07	0.03	0.03
	T16~25.5	0.05	0.015	0.015
	T26~30	0.05	0.012	0.012
Perpendicularity of Datum Plane		0.015 per 100mm		
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
PM	F	Q	M	-	255	-	155	-	18

Alterations

Part Number - A - B - T -(CSC, CBC, CCA ··· etc.)
PMRNM - 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. 1≤ Corner Cut ≤50: 1mm Increment C≤ A/2, B/2 Ordering Code (Ex.)When the corners of A and D are cut by C5, ··· CCA5-CCD5

1mm Increment
1~ 5
6~10
11~20
21~30
31~40
41~50

(Ex.) For PMFQM-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
PMF□□	20 ~ 50	20~25									
	50.5~ 75										
	75.5~ 100										
	100.5~ 250		-	-							
	250.5~ 350		-	-	-						
	25.5~ 50	25.5~40									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	40.5~ 50	40.5~60									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	60.5~ 75	60.5~80									
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	80.5~ 100	80.5~100	-	-							
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	100.5~ 125	100.5~125	-	-							
	125.5~ 200		-	-							
	200.5~ 500		-	-	-						
	125.5~ 200	125.5~150	-	-							
	200.5~ 500		-	-	-						
	150.5~ 200	150.5~160	-	-							
	200.5~ 500		-	-	-						
	160.5~ 200	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
PMR□□	20 ~ 50	20~25									
	50.5~ 75										
	75.5~ 100										
	100.5~ 250		-	-							
	250.5~ 350		-	-	-						
	25.5~ 50	25.5~40									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	40.5~ 50	40.5~60									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	60.5~ 75	60.5~80									
	75.5~ 100										
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	80.5~ 100	80.5~100	-	-							
	100.5~ 200		-	-							
	200.5~ 500		-	-	-						
	100.5~ 125	100.5~125	-	-							
	125.5~ 200		-	-							
	200.5~ 500		-	-	-						
	125.5~ 200	125.5~150	-	-							
	200.5~ 500		-	-	-						
	150.5~ 200	150.5~160	-	-							
	200.5~ 500		-	-	-						
	160.5~ 200	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
PMS□□	20 ~ 50	20~25									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	25.5~ 50	25.5~40									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	40.5~ 50	40.5~60									
	50.5~ 75										
	75.5~ 100										
	100.5~ 200		-	-							
	60.5~ 75	60.5~80									
	75.5~ 100										
	100.5~ 200		-	-							
	80.5~ 100	80.5~100	-	-							
	100.5~ 200		-	-							
	100.5~ 200	100.5~125	-	-							
	125.5~ 200	125.5~150	-	-							
	150.5~ 200	150.5~160	-	-							
	160.5~ 200	160.5~200	-	-							