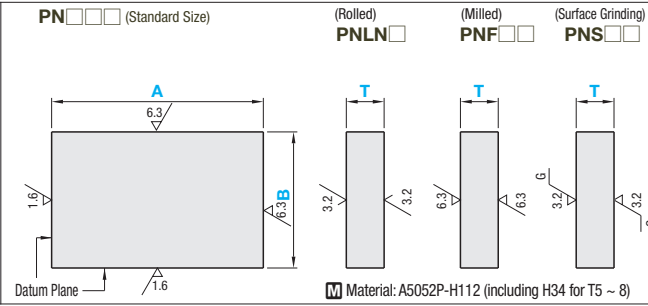
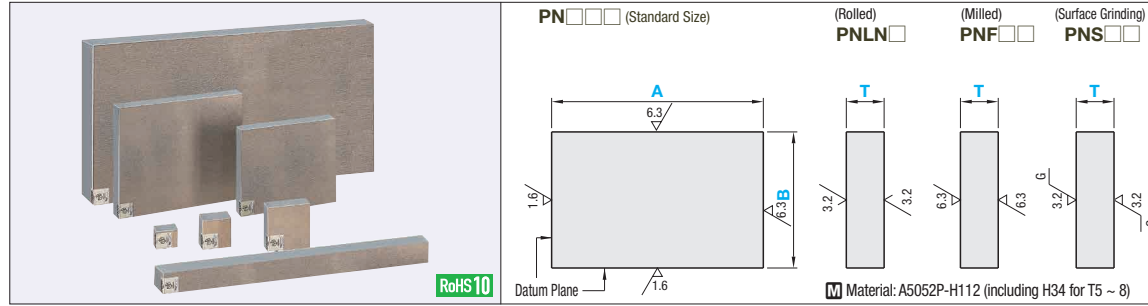
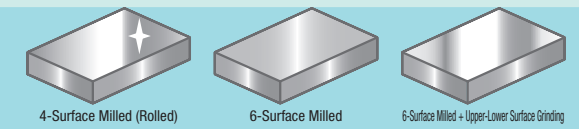


Configurable Plates - Aluminum

A5052P (Al-Mg Aluminum Alloy)



(Ex.) For PNFQM-255-220-18
 A Dimension x Area Unit Price = Price

Type	Part Number	Upper-Lower Surface Finish	① Plate Thickness Tolerance	② A, B Dimension Tolerance	0.5mm Increment		T Selectable/Configurable
					A	B	
Standard	PN	L (Rolled)	N	P Q N M	25~ 500	10~ 300	5, 6, 8, 10, 12, 15, 20, 25, 30, 40, 50
Standard	PN	F (Milled)	P Q N M	P Q N M	25~ 500	10~ 300	5~49 (0.5mm Increment)
	PN	S (Surface Grinding)	P Q N M	P Q N M	25~ 500	10~ 300	5, 6, 7~49 (0.5mm Increment)

① Plate Thickness Tolerance

Upper-Lower Surface Finish	T Dimension										
	3	4, 5	6	8	10	12, 15	20	25	30, 35	40	45, 50
N (Rolled)	±0.2	±0.35	±0.45	±0.5	±0.6	±0.7	±0.8	±0.9	±1.0	±1.1	±1.3

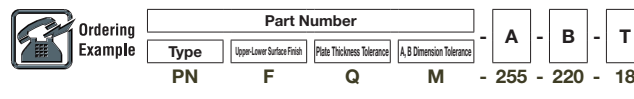
② A, B Dimension Tolerance

Upper-Lower Surface Finish	A, B Dimension	P	Q	N	M
		L (Rolled)	250mm or Less	+0.1~+0.3	0~+0.2
F (Milled)	250.5mm or More	+0.1~+0.6	0~+0.5	±0.25	-0.5~0
S (Surface Grinding)					

Upper-Lower Surface Finish	A, B Length	P	Q	N	M
F (Milled)	550mm or Less	+0.1~+0.3	0~0.2	±0.1	-0.2~0
	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

■ Precision Standards (Max. Value)

Item	Upper-Lower Surface Finish		
	L (Rolled)	F (Milled)	S (Surface Grinding)
Thickness Parallelism (per 100mm)	T3~6.5		0.025
	T7~12.5		0.03
	T13~15.5		0.05
	T16~20.5		0.07
	T21~50		0.1
Flatness (per 100mm)	T3~8.5	0.15	0.12
	T9~12.5		0.13
	T13~20.5		0.12
	T21~50		0.1
Perpendicularity of Datum Plane	0.015 per 100mm		
Circumference Chamfering	Standard		C0.3 or Less



Alterations Part Number - A - B - T - (CSC, CBC...etc.)
 PNFNM - 300 - 280 - 20 - CSC

Alterations	Circumference Chamfering		Corner Cut															
	Code	CSC	(See below)	CCA, CCB, CCC, CCD														
Spec.	Reduce the circumference chamfering dimension. Standard C0.3~C0.1 or Less ① Applicable to Standard Size only.	Increase the circumference chamfering dimension. <table border="1"> <thead> <tr> <th>Size</th> <th>Standards</th> <th>Modified Value</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Standard</td> <td>C0.3 or Less</td> <td>C0.5~C1.0</td> <td>CBC</td> </tr> </tbody> </table>	Size	Standards	Modified Value	Code	Standard	C0.3 or Less	C0.5~C1.0	CBC	Cuts any corners. 1 ≤ Corner Cut ≤ 50: 1mm Increment <table border="1"> <thead> <tr> <th>1mm Increment</th> </tr> </thead> <tbody> <tr><td>1~5</td></tr> <tr><td>6~10</td></tr> <tr><td>11~20</td></tr> <tr><td>21~30</td></tr> <tr><td>31~40</td></tr> <tr><td>41~50</td></tr> </tbody> </table> (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
Size	Standards	Modified Value	Code															
Standard	C0.3 or Less	C0.5~C1.0	CBC															
1mm Increment																		
1~5																		
6~10																		
11~20																		
21~30																		
31~40																		
41~50																		

Part Number	A		T	5	6	8	10	12	15	20	25	30	40	50
	B	T												
PNLN	25 ~ 50	10~19.5												
	50.5~ 75													
	75.5~ 100													
	100.5~ 250													
	25 ~ 50													
	50.5~ 75	20~50												
	75.5~ 100													
	100.5~ 250													
	50.5~ 75													
	75.5~ 100													
	100.5~ 200	50.5~75												
	200.5~ 500													
	75.5~ 100													
	100.5~ 200													
	200.5~ 300													
	300.5~ 500	75.5~100												
	75.5~ 100													
	100.5~ 200													
	250.5~ 500													
	125.5~ 300													
300.5~ 500	100.5~125													
150.5~ 300														
300.5~ 500														
160.5~ 200														
200.5~ 500														
250.5~ 500	150.5~160													
200.5~ 500														
200.5~ 500														
200.5~ 500														
250.5~ 300														

Part Number	A		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	30.5~39	39.5~49
	B	T												
PNF	25 ~ 50	10~19.5												
	50.5~ 75													
	75.5~ 100													
	100.5~ 250													
	25 ~ 50													
	50.5~ 75	20~50												
	75.5~ 100													
	100.5~ 250													
	50.5~ 75													
	75.5~ 100													
	100.5~ 200	50.5~75												
	200.5~ 500													
	75.5~ 100													
	100.5~ 200													
	200.5~ 300													
	300.5~ 500	75.5~100												
	75.5~ 100													
	100.5~ 200													
	250.5~ 500													
	125.5~ 300													
300.5~ 500	100.5~125													
150.5~ 300														
300.5~ 500														
160.5~ 200														
200.5~ 500														
250.5~ 500	150.5~160													
200.5~ 500														
200.5~ 500														
200.5~ 500														
250.5~ 300														

Part Number	A		T	5	6	7~8	8.5~10	10.5~12	12.5~15	15.5~20	20.5~25	25.5~30	30.5~39	39.5~49
	B	T												
PNS	25 ~ 50	10~19.5												
	50.5~ 75													
	75.5~ 100													
	100.5~ 250													
	25 ~ 50													
	50.5~ 75	20~50												
	75.5~ 100													
	100.5~ 250													
	50.5~ 75													
	75.5~ 100													
	100.5~ 200	50.5~75												
	200.5~ 500													
	75.5~ 100													
	100.5~ 200													
	200.5~ 300													
	300.5~ 500	75.5~100												
	100.5~ 250													
	250.5~ 500													
	125.5~ 300													
	300.5~ 500													
150.5~ 300	100.5~125													
300.5~ 500														
160.5~ 200														
200.5~ 500														
250.5~ 300														
250.5~ 500	150.5~160													
200.5~ 500														
200.5~ 500														
200.5~ 500														
250.5~ 300														

① T5, 6, 8, 10, 12, 15, 20, 25, 30 of PNS are buff finished.
 ② Sizes larger than plate thickness 50 and precision tolerance are only available on "Material Shop 24 Website". For details, see P.1697.
 * Except Surface Grinding