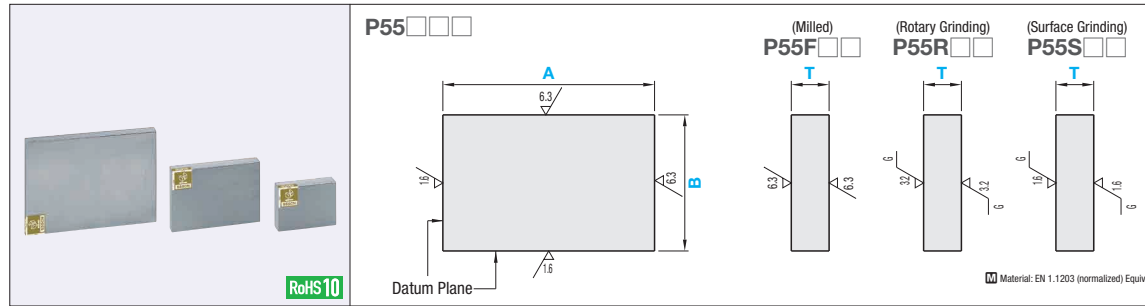
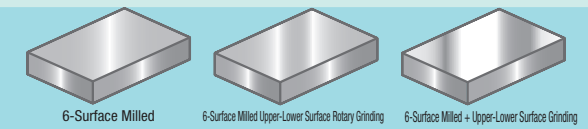


Configurable Plates - EN 1.1203 (normalized) Equiv.

■ Features of EN 1.1203 (normalized) Equiv.
Normalized EN 1.1203 Equiv., which relieves its internal stress.
Added free-cutting elements enhance its machinability.
It has higher mechanical strength than EN 1.1206 Equiv.



(Ex.) For P55FQM-50-30-14
A Dimension x Area Unit Price = Price

Type	Upper-Lower Surface Finish	① Plate Thickness Tolerance	② A, B Dimension Tolerance	0.5mm Increment		T
				A	B	
P55	F (Milled) R (Rotary Grinding) S (Surface Grinding)	P Q N M	P Q N M	20~500	20~300	8~30

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
		250mm or Less	+0.1~+0.3	0~+0.2	±0.1
250.5mm or More	+0.1~+0.6	0~+0.5	±0.25	-0.5~0	

■ Precision Standards

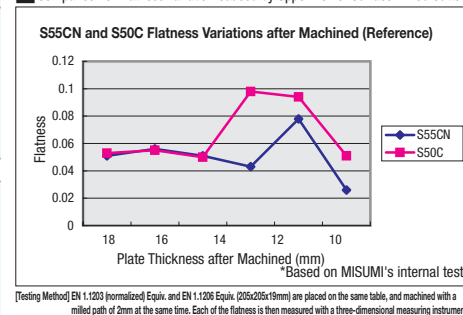
Item	Upper-Lower Surface Finish (Max. Value)		
	F (Milled)	R (Rotary Grinding)	S (Surface Grinding)
Thickness Parallelism (per 100mm)	0.05	0.012	0.012
Flatness (per 100mm)	T8~15.5	0.07	0.03
	T16~25.5	0.05	0.015
	T26~30	0.05	0.012
Perpendicularity of Datum Plane	0.015 per 100mm		
Circumference Chamfering	C0.2~C0.5		



Alterations Part Number - A - B - T - (CSC, CBC, CCA...etc.)
P55RNM - 300 - 280 - 20 - CBC

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

■ Comparison of Flatness Variation Caused by Upper-Lower Surface Milled Cutter



(Testing Method) EN 1.1203 (normalized) Equiv. and EN 1.1206 Equiv. (205x205x19mm) are placed on the same table, and machined with a milled path of 2mm at the same time. Each of the flatness is then measured with a three-dimensional measuring instrument.

Although it is assumed that EN 1.1203 Equiv. has higher internal stress than EN 1.1206 Equiv., the test results show that normalized EN 1.1203 Equiv. or EN 1.1203 (normalized) Equiv. has as low internal stress as EN 1.1206 Equiv.

Part Number	A/B		T	8-9	9.5-11	11.5-13	13.5-16	16.5-20	20.5-22	22.5-25	25.5-28	28.5-30	
	A	B											
P55F	20 ~ 50	20-25	8-30										
	50.5~ 75												
	75.5~ 100												
	100.5~ 250												
	25.5~ 50	25.5-40											
	50.5~ 75												
	75.5~ 100												
	100.5~ 200												
	200.5~ 500	40.5-60											
	40.5~ 50												
	50.5~ 75												
	75.5~ 100												
	100.5~ 200	60.5-80											
	200.5~ 500												
	40.5~ 50												
	50.5~ 75												
75.5~ 100	80.5-100												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	100.5-125												
75.5~ 100													
100.5~ 200													
200.5~ 500													
40.5~ 50	125.5-150												
50.5~ 75													
75.5~ 100													
100.5~ 200													
200.5~ 500	150.5-160												
40.5~ 50													
50.5~ 75													
75.5~ 100													
100.5~ 200	160.5-200												
200.5~ 500													
40.5~ 50													
50.5~ 75													
75.5~ 100	200.5-250												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	250.5-300												
75.5~ 100													
100.5~ 200													
200.5~ 500													

Part Number	A/B		T	8-9	9.5-11	11.5-13	13.5-16	16.5-20	20.5-22	22.5-25	25.5-28	28.5-30	
	A	B											
P55R	20 ~ 50	20-25	8-30										
	50.5~ 75												
	75.5~ 100												
	100.5~ 250												
	25.5~ 50	25.5-40											
	50.5~ 75												
	75.5~ 100												
	100.5~ 200												
	200.5~ 500	40.5-60											
	40.5~ 50												
	50.5~ 75												
	75.5~ 100												
	100.5~ 200	60.5-80											
	200.5~ 500												
	40.5~ 50												
	50.5~ 75												
75.5~ 100	80.5-100												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	100.5-125												
75.5~ 100													
100.5~ 200													
200.5~ 500													
40.5~ 50	125.5-150												
50.5~ 75													
75.5~ 100													
100.5~ 200													
200.5~ 500	150.5-160												
40.5~ 50													
50.5~ 75													
75.5~ 100													
100.5~ 200	160.5-200												
200.5~ 500													
40.5~ 50													
50.5~ 75													
75.5~ 100	200.5-250												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	250.5-300												
75.5~ 100													
100.5~ 200													
200.5~ 500													

Part Number	A/B		T	8-9	9.5-11	11.5-13	13.5-16	16.5-20	20.5-22	22.5-25	25.5-28	28.5-30	
	A	B											
P55S	20 ~ 50	20-25	8-30										
	50.5~ 75												
	75.5~ 100												
	100.5~ 250												
	25.5~ 50	25.5-40											
	50.5~ 75												
	75.5~ 100												
	100.5~ 200												
	200.5~ 500	40.5-60											
	40.5~ 50												
	50.5~ 75												
	75.5~ 100												
	100.5~ 200	60.5-80											
	200.5~ 500												
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75.5~ 100	80.5-100												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	100.5-125												
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40.5~ 50	125.5-150												
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75.5~ 100	200.5-250												
100.5~ 200													
200.5~ 500													
40.5~ 50													
50.5~ 75	250.5-300												
75.5~ 100													
100.5~ 200													
200.5~ 500													