


Configurable Plates - S50C

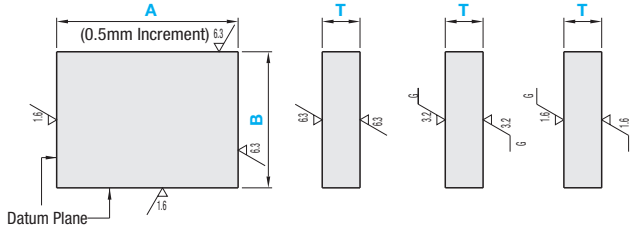
⚠ Annealed S45C or S48C are used as materials for some large sizes.



RoHS10

6-Surface Finish
PC□□□

Upper-Lower Finish Method
(Milled) (Rotary Grinding) (Surface Grinding)
PCF□□ PCR□□ PCS□□



Material: Standard S50C Large size will be one of the followings: S50C, S45C or S48C.

6-Surface Finish							
Upper-Lower Finish Method		Part Number	① Plate Thickness Tolerance	② A, B Dimension Tolerance	0.5mm Increment		T
					A	B	
					A=B		
Milled	Standard	PCF	P Q N M	P Q N M	20 ~ 500	20~ 300	4~50
					300.5~2000	100~ 800	10~50
Rotary Grinding	Standard	PCR			20 ~ 500	20~ 300	4~50
					300.5~1400	100~1000	10~50
Surface Grinding	Standard	PCS			20 ~ 500	20~ 300	4~50
					300.5~ 800	100~ 500	10~50

⚠ There are non machinable areas. See the price list for the details.

① Plate Thickness Tolerance

Upper-Lower Finish Method	P	Q	N	M
Milled	+0.1~+0.3	0~+0.2	±0.1	-0.2~0
Rotary Grinding	+0.1~+0.3	0~+0.2	±0.1	-0.2~0
Surface Grinding	+0.1~+0.2	0~+0.1	±0.05	-0.1~0

② A, B Dimension Tolerance

A, B Dimension	P	Q	N	M
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

Accuracy Standards - Standard Size (Max. Value)

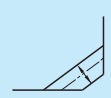
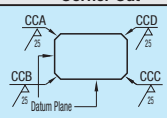
Item	Upper-Lower Finish Method		
	Milled	Rotary Grinding	Surface Grinding
Thickness Parallelism (per 100mm)	0.05	0.012	0.012
Flatness (per 100mm)	T4~7.5	0.1	0.05
	T8~15.5	0.07	0.03
	T16~25.5	0.05	0.015
	T26~50	0.05	0.012
Perpendicularity of Datum Plane	0.015 per 100mm		
Circumference Chamfering 6-Surface Finish	C0.2~C0.5		

Ordering Example

Type	Upper-Lower Surface Finish	Plate Thickness Tolerance	A, B Dimension Tolerance	A	B	T
PC	F	Q	M	- 255 -	- 220 -	- 18

Alterations

Part Number	A	B	T	(CSC, CBC, CCA~etc.)
PCFQM	- 255 -	- 220 -	- 18 -	- CSC

	Circumference Chamfering	Corner Cut													
Alterations															
Code	CSC, CBC	CCA, CCB, CCC, CCD													
Spec.	Changes the circumference chamfering dimension. <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Standards</th> <th>CSC</th> <th>CBC</th> </tr> </thead> <tbody> <tr> <td>C0.2~0.5</td> <td>C 0.1 or Less</td> <td>C0.5~1.0</td> </tr> </tbody> </table>	Standards	CSC	CBC	C0.2~0.5	C 0.1 or Less	C0.5~1.0	Cuts any corners. 1≤ Corner Cut ≤50 1mm Increment (Ex.) When the corners of A and D are cut by C5 → CCA5-CCD5 <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <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>	1mm Increment	1~ 5	6~10	11~20	21~30	31~40	41~50
Standards	CSC	CBC													
C0.2~0.5	C 0.1 or Less	C0.5~1.0													
1mm Increment															
1~ 5															
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