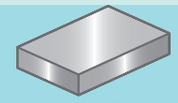
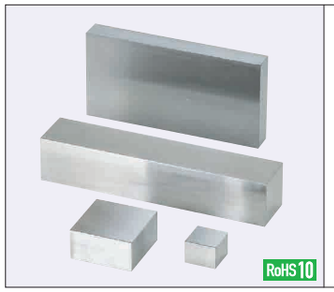
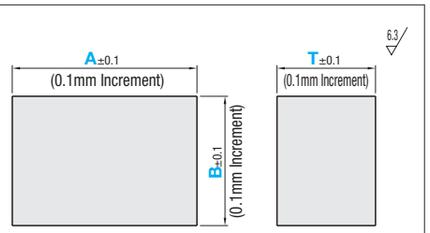
Metal Blocks - Standard

Guaranteed Perpendicularity of All Angles - 0.1mm Increment


6-Surface Milled



Part Number	Material	Hardness
SSFB	EN 1.0038 Equiv.	-
SCFB	EN 1.1206 Equiv.	-
SCNFB	EN 1.1206 Equiv. Thermal Refined	25±3HRC
SCFF	EN 1.4305 Equiv.	-
SCFS	EN 1.4301 Equiv.	-



For SCNFB, the hardness may reduce depending on the plate thickness.
6-Surface Milled

Ordering Example

Part Number	-	A	-	B	-	T
SCFB	-	30.5	-	20.6	-	17.1

Precision Standards

(Max. Value)

Item		EN 1.0038 Equiv. EN 1.1206 Equiv. EN 1.1206 Equiv. Thermal Refined	EN 1.4305 Equiv. EN 1.4301 Equiv.
Thickness Parallelism (per 100mm)		0.02	0.05
Flatness (per 100mm)	T1.5~7.9	0.04	0.1
	T8~15.9		0.07
	T16~		0.05
Perpendicularity (Each Plane)		0.02 per 100mm	
Circumference Chamfering		C0.5 or Less	

0.1mm Increment		T: 0.1mm Increment				
		1.5~9.9			5.0~9.9	
A	B \ T	SSFB	SCFB	SCNFB	SCFF	SCFS
10.0~ 60.0	10.0~60.0					
60.1~100.0						
10.0~ 60.0	60.1~100.0				-	-
60.1~100.0					-	-

SFCC is available for T dimension up to 55.0mm only.

0.1mm Increment		T: 0.1mm Increment																	
		10.0~20.0					20.1~30.0					30.1~40.0					40.1~50.0		
A	B \ T	SSFB	SCFB	SCNFB	SCFF	SCFS	SSFB	SCFB	SCNFB	SCFF	SCFS	SSFB	SCFB	SCNFB	SCFF	SCFS	SSFB	SCFB	SCNFB
10.0~ 60.0	10.0~60.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0	20.0~60.0			-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-
10.0~ 60.0	60.1~100.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0				-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-
10.0~ 60.0	100.1~130.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0				-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-
10.0~ 60.0	130.1~160.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0				-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-
10.0~ 60.0	160.1~180.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0				-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-
10.0~ 60.0	180.1~200.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0				-					-					-					-
250.1~ 300.0				-					-					-					-
300.1~ 350.0				-					-					-					-
350.1~ 400.0				-					-					-					-
400.1~ 450.0				-					-					-					-
450.1~ 500.0				-					-					-					-

0.1mm Increment		T: 0.1mm Increment																	
		50.1~60.0					60.1~70		70.1~80		80.1~90		90.1~100						
A	B \ T	SCFB	SCNFB	SCFF	SCFS	SSFB	SCFB	SCNFB	SCFF	SCFS	SSFB	SCFB	SSFB	SCFB	SSFB	SCFB	SSFB	SCFB	
10.0~ 60.0	10.0~60.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0	20.0~60.0		-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				
10.0~ 60.0	60.1~100.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0			-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				
10.0~ 60.0	100.1~130.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0			-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				
10.0~ 60.0	130.1~160.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0			-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				
10.0~ 60.0	160.1~180.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0			-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				
10.0~ 60.0	180.1~200.0																		
60.1~ 100.0																			
100.1~ 130.0																			
130.1~ 160.0																			
160.1~ 180.0																			
180.1~ 200.0																			
200.1~ 250.0			-				-		-		-		-		-				
250.1~ 300.0			-				-		-		-		-		-				
300.1~ 350.0			-				-		-		-		-		-				
350.1~ 400.0			-				-		-		-		-		-				
400.1~ 450.0			-				-		-		-		-		-				
450.1~ 500.0			-				-		-		-		-		-				