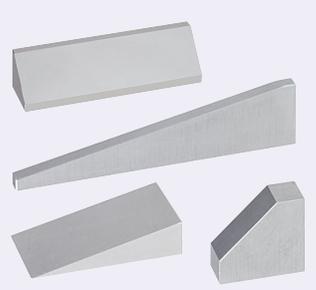


Inclined Blocks

0.1mm Increment

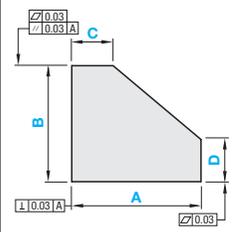
0.1mm increment for each dimension; this block can respond to desired slope shape by specifying angle of gradient.



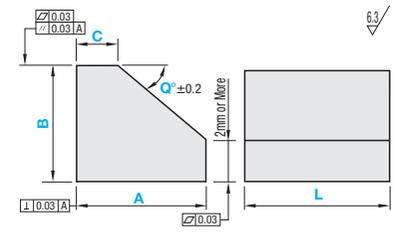
Part Number		Material	Tolerance
Dimension Configurable	Angle Configurable	Material	
SSRF	SSRAF	SS400	A, B, L 50mm or Less ±0.05
SCRFB	SCRFB	SS50C	A, B, L 50mm or More ±0.1
			Circumference Chamfering C0.2 - 0.5

SUS303, A5052P are now available online.

Dimension Configurable



Angle Configurable



Dimension Configurable

Part Number	0.1mm Increment				
	A	B	L	C	D
SSRF	20.0	10.0	10.0	0.0	2.0
SCRFB	200.0	100.0	200.0	200.0	100.0
		(B≥A/3)		(C≤A)	(D≤B)

Angle Configurable

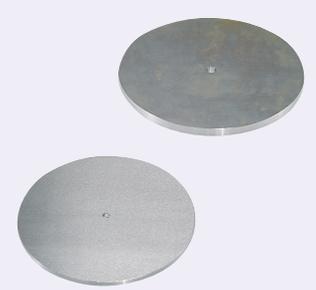
Part Number	0.1mm Increment				1° Increment
	A	B	L	C	Q
SSRAF	20.0	10.0	10.0	0.0	0
SCRFB	200.0	100.0	200.0	200.0	90°
		(B≥A/3)		(C≤A)	1° Increment

Ordering Example: Part Number - A - B - L - C - D(Q)
 SSRF - A100 - B80 - L52.3 - C45 - D30.3
 SCRFB - A100 - B80 - L52.3 - C45 - Q55

0.1mm Increment		B: 0.1mm Increment																
A	L	10-30		30.1-40		40.1-50		50.1-60		60.1-70		70.1-80		80.1-90		90.1-100		
		SS400	SS50C	SS400	SS50C	SS400	SS50C	SS400	SS50C	SS400	SS50C	SS400	SS50C	SS400	SS50C	SS400	SS50C	
20.0-60.0	10-30.0																	
60.1-100.0																		
100.1-130.0																		
130.1-160.0	30.1-60.0																	
160.1-180.0																		
180.1-200.0																		
20.0-60.0	60.1-100.0																	
60.1-100.0																		
100.1-130.0																		
130.1-160.0	100.1-130.0																	
160.1-180.0																		
180.1-200.0																		
20.0-60.0	130.1-160.0																	
60.1-100.0																		
100.1-130.0																		
130.1-160.0	160.1-180.0																	
160.1-180.0																		
180.1-200.0																		
20.0-60.0	180.1-200.0																	
60.1-100.0																		
100.1-130.0																		
130.1-160.0																		
160.1-180.0																		
180.1-200.0																		

Circular Plates

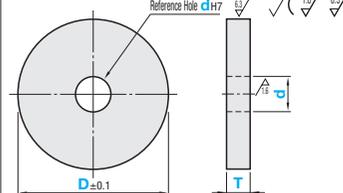
Standard Grade / Precision Grade



Standard Grade

Type	Material
ENPMH	(Steel) SS400
ENPNH	(Aluminum) A5052P-H112
ENPDH	(Duralmin) A2017P-T351
ENPGH	(Stainless Steel) SUS303

Circumference Chamfering C0.5 or Less

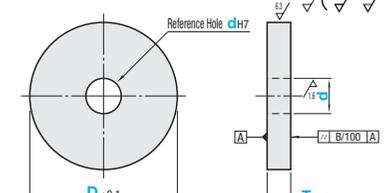


Parallelism of any 1,000mm is 2mm based on the material accuracy.

Precision Grade

Type	Material
ENPSH	(Steel) SS400
ENPAH	(Aluminum) A5052P-H112
ENPJH	(Duralmin) A2017P-T351
ENPUH	(Stainless Steel) SUS303

Circumference Chamfering C0.5 or Less



Parallelism of any 100mm is the value of B.

Standard Grade, Standard Size

Part Number	Type	T	D Selection	d 1mm Increment	T Dimension Tolerance	Unit Price			
						D100	D150	D200	D300
ENPMH (SS400)	10	15	100	0~50	±0.6				
			150						
ENPNH (A5052P)	10	15	100	0~50	±0.6				
			150						
ENPDH (A2017P)	10	15	100	0~50	±0.6				
			150						
ENPGH (SUS303)	10	15	100	0~50	±0.6				
			150						

Precision Grade, Standard Size

Part Number	Type	T	D Selection	d 1mm Increment	B Parallelism	Unit Price			
						D100	D150	D200	D300
ENPSH (SS400)	10	15	100	0~50	0.012				
			150						
ENPAH (A5052P)	10	15	100	0~50	0.03				
			150						
ENPJH (A2017P)	10	15	100	0~50	0.03				
			150						
ENPUH (SUS303)	10	15	100	0~50	0.03				
			150						

Standard Grade, Configurable Size

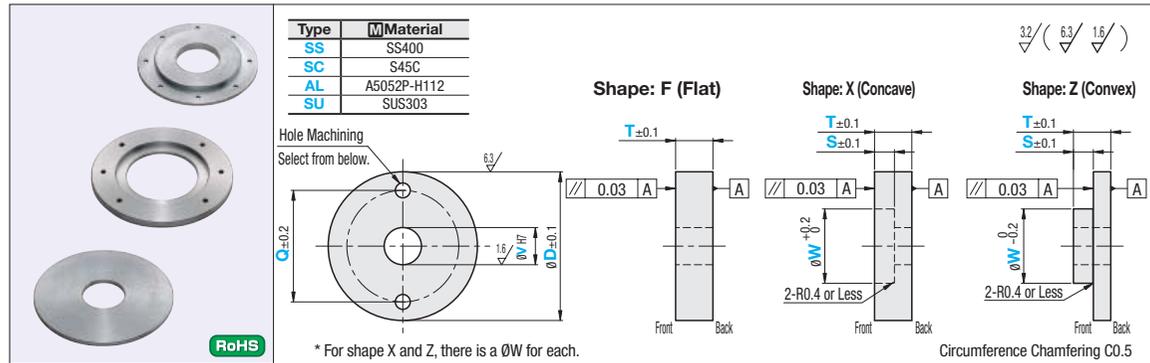
Part Number	Type	T	D	d	d≤Dx0.8	T Dimension Tolerance	Unit Price						
							D50	D201	D301	D401	D501	D601	D701
ENPM (SS400)	10	15	50-200	0-50	±0.2	±0.2							
ENPN (A5052P)	10	15	50-200	0-50	±0.2	±0.2							
ENPD (A2017P)	10	15	50-200	0-50	±0.2	±0.2							
ENPG (SUS303)	10	15	50-200	0-50	±0.2	±0.2							

Precision Grade, Configurable Size

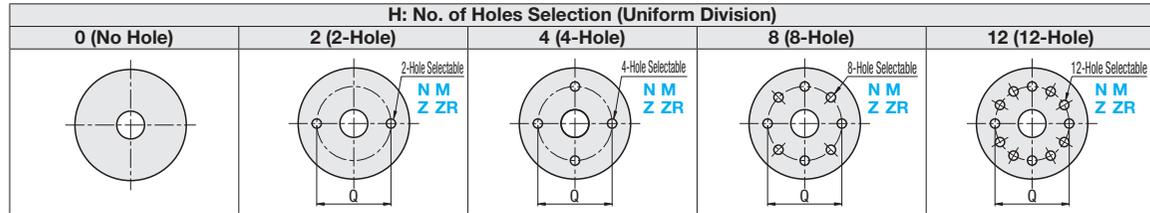
Part Number	Type	T	D	d	d≤Dx0.8	B Parallelism	Unit Price						
							D50	D201	D301	D401	D501	D601	D701
ENPS (SS400)	10	15	50-200	0-50	±0.012	0.012							
ENPA (A5052P)	10	15	50-200	0-50	±0.012	0.012							
ENPJ (A2017P)	10	15	50-200	0-50	±0.012	0.012							
ENPU (SUS303)	10	15	50-200	0-50	±0.012	0.012							

Ordering Example: Part Number - D - d
 ENPNH15 - 200 - 8
 ENPN19 - 670 - 18

Machined Circular Plates

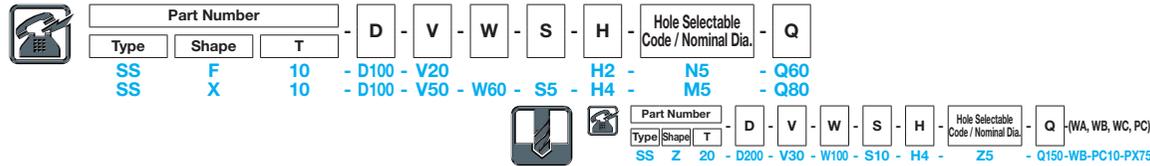


Part Number		1mm Increment				Selection		1mm Increment		
Type	Shape	T	D	V	W	S	H: Number of Holes	Hole Selectable	Nominal Dia.	Q
SS (SS400)	F (Flat)	8	60~300	10~100	20~260 W-V≥10 D-W≥20	5~25 T-S≥5	0	N (Through Hole) M (Tapped Hole) Z (Counterbore Hole) ZR (Back Surface Counterbore)	5	35~280 Q>W+d1(d2)+2b1 (Refer to Machining Limits at the bottom of this page.)
SC (S45C)	X (Concave)	10								
AL (A5052P)	Z (Convex)	15								
SU (SUS303)		20								
		25								
		30								



Hole Selection

Hole Type Code	Through Hole	Tapped Hole	Counterbore Hole	Back Surface Counterbore
N	M	Z	ZR	
Shape				
Processing Specification	Dimension: Nominal Dia. d1: 5, 6, 8, 10 d1, h: 5.5, 6.5, 9, 11 The pilot hole for tapping goes through when Mx2<T. The tap goes through when Mx2≥1.		Dimension: Bolt Nominal Dia. d1, h: 5, 6, 8, 10 d2: 9.5, 11, 14, 18 For bolt nominal diameter 6, T≥10 (for Shape Z, T-S≥10) For 8 and 10, T≥15 (T-S≥15, when shape Z)	



Machining Limits of Q and PX

Through Hole (N), Tapped Hole (M), Dowel Hole (PC)	Nominal Dia.			
d1	5	6	8	10
Min. Distance between a Hole and D, W and V Diameter (b)	4.5	5.5	7.5	9
Min. Distance between Holes (b)	Qn / Number of Holes (H-d1)-(M)-(PC)-d1(M)+PC			
Counterbore Hole (Z), Back Surface Counterbore (ZR)	Nominal Dia.			
d2	5	6	8	10
Min. Distance between a Hole and D, W and V Diameter (b)	2.5	3	4.5	5
Min. Distance between Holes (b)	Qn / Number of Holes (H)-d2-(PC)-d2+(PC)			

Alterations	Code	Spec.
W Tolerance	WA, WB, WC	Shape: X (Concave) g6, Z (Convex) h6
Dowel Hole	PC	Ordering Code: PC (Selectable), PX (Configurable) Ordering Example: PC10-PX50 PC Selection = 5, 6, 8, 10 Depth PC = Through (Effective Depth PCx3) PX: 2PX>W+d1(d2)+2b1 Refer to Machining Limits. When there are motor mounting holes, the dowel holes will be located on a center line between the screw holes. (refer to Fig. 1)

Hole Machining Charge

H	Price
No Hole	
2-Hole	
4-Hole	
8-Hole	
12-Hole	

Add Shape Price to Hole Machining Charge.

(Ex.) For SSZ10-D100-V50-W60-S5-H4-N5-Q80

Shape Price + H Hole Charge = Price

Shape Price

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SS (SS400)	8, 10	60-100	10-50			
			51-80			
			10-50			
	15	60-100	10-50			
			51-80			
			10-50			
	20	60-100	10-50			
			51-80			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
	30	60-100	10-50			
			51-80			
			10-50			

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SC (S45C)	8, 10	60-100	10-50			
			51-80			
			10-50			
	15	60-100	10-50			
			51-80			
			10-50			
	20	60-100	10-50			
			51-80			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
	30	60-100	10-50			
			51-80			
			10-50			

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
AL (A5052P)	8, 10	60-100	10-50			
			51-80			
			10-50			
	15	60-100	10-50			
			51-80			
			10-50			
	20	60-100	10-50			
			51-80			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
	30	60-100	10-50			
			51-80			
			10-50			

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SU (SUS303)	8, 10	60-100	10-50			
			51-80			
			10-50			
	15	60-100	10-50			
			51-80			
			10-50			
	20	60-100	10-50			
			51-80			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
	30	60-100	10-50			
			51-80			
			10-50			



Example

