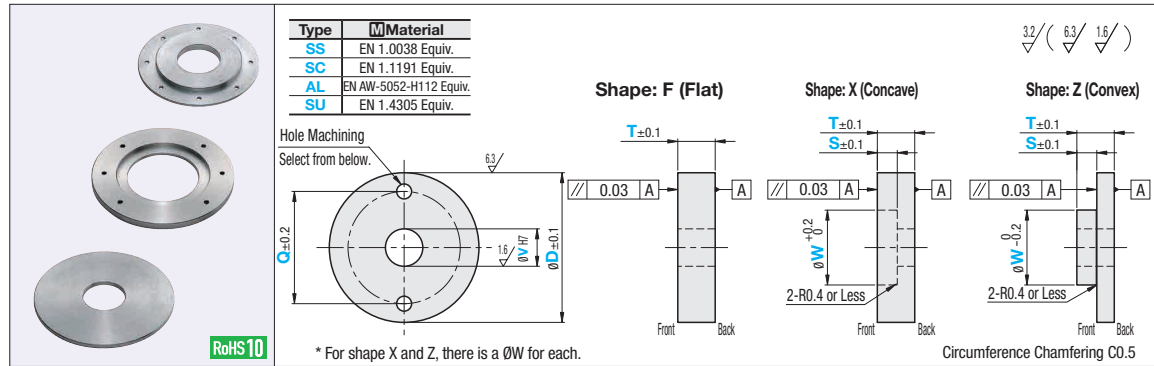


Machined Circular Plates



Type	Material
SS	EN 1.0038 Equiv.
SC	EN 1.1191 Equiv.
AL	EN AW-5052-H112 Equiv.
SU	EN 1.4305 Equiv.

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

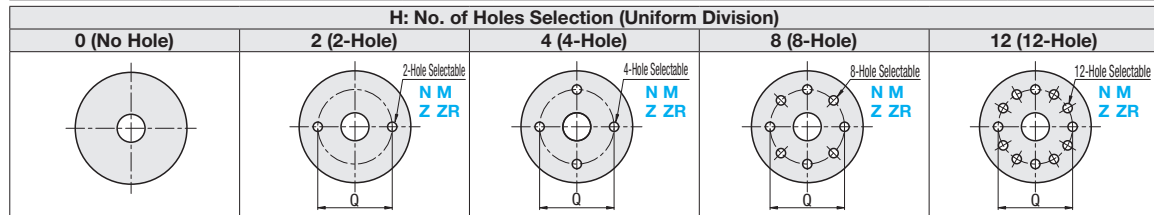
Shape Price + H Hole Charge = Price

Shape Price

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SS (EN 1.0038 Equiv.)	8 10	60-100	10-50			
			51-80			
			10-50			
	15	101-200	10-50			
			51-100			
			10-50			
	20	201-300	10-50			
			51-100			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
30	101-200	10-50				
		51-100				
		10-50				

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SC (EN 1.1191 Equiv.)	8 10	60-100	10-50			
			51-80			
			10-50			
	15	101-200	10-50			
			51-100			
			10-50			
	20	201-300	10-50			
			51-100			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
30	101-200	10-50				
		51-100				
		10-50				

Part Number		1mm Increment				Selection			1mm Increment	
Type	Shape	T	D	V	W	S	H: Number of Holes	Hole Selectable	Nominal Dia.	Q
SS (EN 1.0038 Equiv.)	F (Flat)	8	60-300	10-100	20-260 W-V≥10 D-W≥20	5-25 T-S≥5	0 2 4 8 12	N (Through Hole) M (Tapped Hole) Z (Counterbore Hole) ZR (Back Surface Counterbore)	5 6 8 10	35-280 Q>W+d1(d2)+2b1 (Refer to Machining Limits at the bottom of this page.)
SC (EN 1.1191 Equiv.)	X (Concave)	10								
AL (EN AW-5052 Equiv.)	Z (Convex)	15								
		20								
SU (EN 1.4305 Equiv.)		25								



Hole Selection

Hole Type Code	Through Hole	Tapped Hole	Counterbore Hole	Back Surface Counterbore
N				
M				
Z				
ZR				
Processing Specification	Dimension: Nominal Dia. (5, 6, 8, 10) d1: 5.5, 6.5, 9, 11 The pilot hole for tapping goes through when Mx2<T. The tap goes through when Mx2≥T.		Dimension: Bolt Nominal Dia. (5, 6, 8, 10) d1, h: 5.5, 6.5, 9, 11 dz: 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)	

Part Number: Type - Shape - T - D - V - W - S - H - Hole Selectable Code / Nominal Dia. - Q

SS F 10 - D100 - V20 - H2 - N5 - Q60

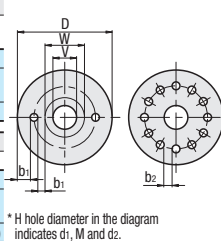
SS X 10 - D100 - V50 - W60 - S5 - H4 - M5 - Q80

Part Number: Type (Shape) - T - D - V - W - S - H - Hole Selectable Code / Nominal Dia. - Q (WA, WB, WC, PC)

SS Z 20 - D200 - V30 - W100 - S10 - H4 - Z5 - Q150-WB-PC10-PX75

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 (b1)	4.5	5.5	7.5	9
Min. Distance between Holes (b2)	Q/7 / Number of Holes (H-d1)-(M)-(PC)±d1(M)+PC			
Counterbore Hole (Z)	Nominal Dia.			
dz	5	6	8	10
Min. Distance between a Hole and D, W and V Diameter (b1)	2.5	3	4.5	5
Min. Distance between Holes (b2)	Q/7 / Number of Holes (H-d2)-(PC)±d2+(PC)			



Alterations	Code	Spec.												
W Tolerance 	WA WB WC	<table border="1"> <thead> <tr> <th>Shape</th> <th>Tolerance</th> <th>1mm Increment</th> </tr> </thead> <tbody> <tr> <td>X (Concave)</td> <td>H7</td> <td>WA</td> </tr> <tr> <td>Z (Convex)</td> <td>g6</td> <td>WB</td> </tr> <tr> <td></td> <td>h6</td> <td>WC</td> </tr> </tbody> </table>	Shape	Tolerance	1mm Increment	X (Concave)	H7	WA	Z (Convex)	g6	WB		h6	WC
Shape	Tolerance	1mm Increment												
X (Concave)	H7	WA												
Z (Convex)	g6	WB												
	h6	WC												
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)												

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
AL (EN AW-5052 Equiv.)	8 10	60-100	10-50			
			51-80			
			10-50			
	15	101-200	10-50			
			51-100			
			10-50			
	20	201-300	10-50			
			51-100			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
30	101-200	10-50				
		51-100				
		10-50				

Type	T	D	V	Unit Price		
				Shape F	Shape X	Shape Z
SU (EN 1.4305 Equiv.)	8 10	60-100	10-50			
			51-80			
			10-50			
	15	101-200	10-50			
			51-100			
			10-50			
	20	201-300	10-50			
			51-100			
			10-50			
	25	60-100	10-50			
			51-80			
			10-50			
30	101-200	10-50				
		51-100				
		10-50				

ex Example

