

Welded Mounting Plate, Brackets

L Type

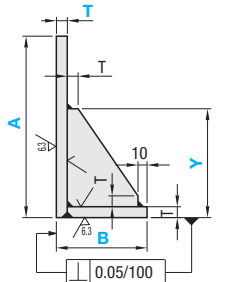
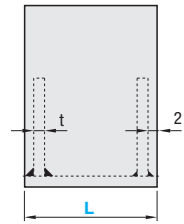
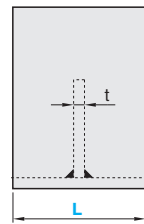


Part Number		Material Symbol	Material	Surface Treatment	
Type	Type				
Blank Type Single Gusset WAS	2 Bottom Hole Type	SB	SS400	-	
	4 Bottom Hole Type	SBB		Black Oxide	
	Slotted Bottom Holes	SBM		Electroless Nickel Plating	
	Single Gusset Type	SB		-	
Double Gusset WAW	Double Gussets	AB	A5052	-	
	Double Gussets	ABW		Anodize (Clear)	
	Double Gussets	ABB		Anodize (Black)	
	Double Gussets	SUB		-	
				SUS304	-

Shot Blasted

WAS (Single Gusset Type)

WAW (Double Gusset Type)



T Dim. Tolerance Surface tolerances for A, B, L dimensions per 100mm

Material	T Tolerance
SS400	±0.5/100
A5052	±0.65/100
SUS304	±0.65/100

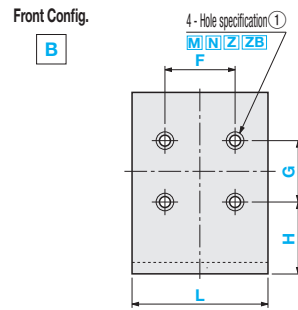
Gusset thickness will be as shown in below chart.

T	8, 10	14, 17	20
t	6	9(10)	12

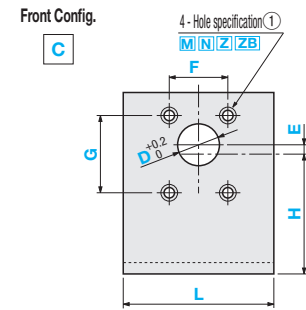
Both sides of Gusset thickness (t) is (✓)
t (10) is a thickness for A5052.

C0.2 to C0.5, unless otherwise specified.

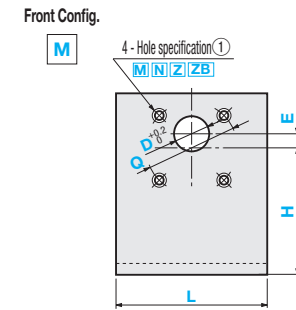
Mounting Type (Front Machining)



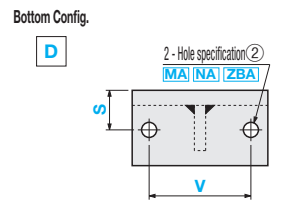
Cylinder Mounting Type (Front Machining)



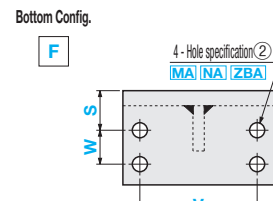
Motor Mounting Type (Front Machining)



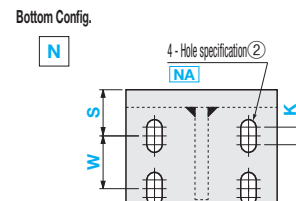
2 Bottom Holes (Single Gusset Type)



4 Bottom Holes (Single Gusset Type)



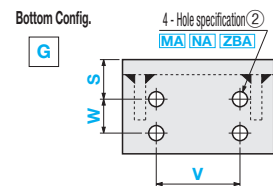
Slotted Bottom Holes (Single Gusset Type)



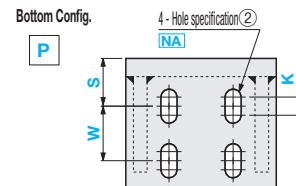
Note for weld bead and hole interferences.
Joints are welded.

Material	Bead Length [f]
SS400	5-10
A5052	10-15
SUS304	5-10

4 Bottom Holes (Double Gusset Type)



Slotted Bottom Holes (Double Gusset Type)



Type	Part Number		Material Symbol	T Selection	External Dimensions 1mm Increment				H	F	G	E	Q	D	Hole Specification ①		V	S	W	Hole Specification ②		K
	Front Config.	Bottom Config.			A	B	L	Y							Code	Nominal Dia.				Code	Nominal Dia.	
Single Gusset WAS	Mounting Type B	Single Gusset (2 Hole Mounting Type)	SB	(8)	50-300	40-150	40-200	30-290	0.1mm Increment	3-30	0.1mm Increment	M	N	Z	0 (No Hole)	MA	NA	ZBA	0 (No Hole)	K ≤ NAx5		
		Single Gusset (4 Hole Mounting Type)																			SBB	10
Double Gussets WAW	Cylinder Mounting Type C	Double Gussets (4 Hole Mounting Type)	SBB	(8)	50-300	40-150	40-200	30-290	0.1mm Increment	3-30	0.1mm Increment	M	N	Z	0 (No Hole)	MA	NA	ZBA	0 (No Hole)	K ≤ NAx5		
																					Double Gussets (Slotted Hole Mounting Type)	ABW



Ordering Example: Part Number WAS B D - SB - T10 - A150 - B60 - L80 - Y120 - H50 - F50 - G50 - Q - D - N6 - V60 - S20 - NA6

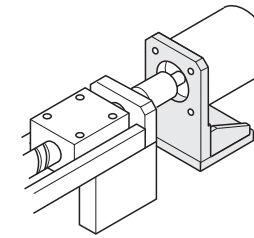
[Type Selection Method]

- Select Gusset shape. (Single or Double) Example shown is with Single Gusset.
- Select front hole shape. Example shows Mounting Type
- Select bottom mounting hole qty. or hole type. Example shows 2 Hole Mounting Type.

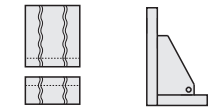
WAS
B
D

Hole Type Selection Chart

Hole Type	Tap Holes	Bolt Hole	Counterbored Holes	Counterbored Holes (Back)																											
Code	M, MA	NA, NA	Z	ZB, ZBA																											
Shape Diagram																															
Machining Specifications	Effective Tap Length Max. M, Max2		Screw Nominal Size																												
			<table border="1"> <thead> <tr> <th>Dimensions</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>8</th> <th>10</th> <th>12</th> <th>16</th> </tr> </thead> <tbody> <tr> <td>d, h</td> <td>3.5</td> <td>4.5</td> <td>5.5</td> <td>6.5</td> <td>9</td> <td>11</td> <td>14</td> <td>18</td> </tr> <tr> <td>d1</td> <td>6.5</td> <td>8</td> <td>9.5</td> <td>11</td> <td>14</td> <td>18</td> <td>20</td> <td>26</td> </tr> </tbody> </table>		Dimensions	3	4	5	6	8	10	12	16	d, h	3.5	4.5	5.5	6.5	9	11	14	18	d1	6.5	8	9.5	11	14	18	20	26
Dimensions	3	4	5	6	8	10	12	16																							
d, h	3.5	4.5	5.5	6.5	9	11	14	18																							
d1	6.5	8	9.5	11	14	18	20	26																							



- For the Blank Type with no holes, if the material symbol [ABW] or [ABB] is specified, the material may have [plating wire marks] and [plating color variations] as shown on the right.
- For the Blank Type with no holes, if the material symbol [SBM] is specified, the material may have [plating wire hanger holes] as shown on the right.



*A Ø3 hole may be present on (°) area.



Alterations: Part Number WAS B D - SBB - T10 - A150 - B60 - L80 - Y120 - H50 - F50 - G50 - Q - D(DC) - N6 - V60 - S20 - NA6 - CC10

Alterations	Corner cut change	Gusset position change	Slotted Bottom Hole Angle Change	D hole position change	D Hole tolerance change	Back side milling alteration
Code	CC	RBC	RC	HDC	DC	FC
Spec.	CC = 1mm Increment 3 ≤ CC ≤ 30 [Ordering Code] Add CC at the end of the Part Number designation. (Ex) ~ -CC10	RBC = 0.1mm Increment 2 ≤ RBC ≤ L-2 (Single Gusset Type) RBC ≤ L/2 - t-2 (Double Gusset Type). [Ordering Code] Add RBC at the end of the type designation. (Ex) ~ -RBC5	NA slotted hole is rotated 90° about the center. [Ordering Code] Add RC at the end of the type designation. (Ex) ~ -RC	E dimension specification is rotated 180°. [Ordering Code] Add HDC at the end of the type designation. (Ex) ~ -HDC	Center hole D is changed to a precision hole (H7). DC = 0.1mm Increment 3 ≤ DC ≤ 100 [Ordering Code] Specify by replacing dim. D with DC. (Ex) ~ -DC20	Backside is milled. [Ordering Code] Milling is to end 10mm away from the gusset. Add FC at the end of the type designation. (Ex) ~ -FC