

Welded Mounting Plate, Brackets

L Type



RoHS 10

Part Number		Material Symbol	Material	Surface Treatment
Type	Type			
Blank Type Single Gusset WAS	2 Bottom Hole Type	SB	EN 1.0038 Equiv.	-
	4 Bottom Hole Type			-
	Slotted Bottom Holes			-
	Single Gusset Type			-
	Single Gusset Type			-
Blank Type Double Gusset WAW	2 Bottom Hole Type	SUB	EN 1.4301 Equiv.	-
	4 Bottom Hole Type			-
	Slotted Bottom Holes			-
	Single Gusset Type			-
	Single Gusset Type			-

Shot Blasted

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

Material	Tolerance
EN 1.0038 Equiv.	±0.5/100
EN AW-5052 Equiv.	±0.65/100
EN 1.4301 Equiv.	±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 EN AW-5052 Equiv.

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

Mounting Type (Front Machining)

Front Config. B

4 - Hole specification ①

M | N | Z | ZB

Cylinder Mounting Type (Front Machining)

Front Config. C

4 - Hole specification ①

M | N | Z | ZB

Motor Mounting Type (Front Machining)

Front Config. M

4 - Hole specification ①

M | N | Z | ZB

2 Bottom Holes (Single Gusset Type)

Bottom Config. D

2 - Hole specification ②

MA | NA | ZBA

4 Bottom Holes (Single Gusset Type)

Bottom Config. F

4 - Hole specification ②

MA | NA | ZBA

Slotted Bottom Holes (Single Gusset Type)

Bottom Config. N

4 - Hole specification ②

NA

2 Bottom Holes (Double Gusset Type)

Bottom Config. G

4 - Hole specification ②

MA | NA | ZBA

4 Bottom Holes (Double Gusset Type)

Bottom Config. G

4 - Hole specification ②

MA | NA | ZBA

Slotted Bottom Holes (Double Gusset Type)

Bottom Config. P

4 - Hole specification ②

NA

Note for weld bead and hole interferences.

Joints are welded.

Weld Bead

Material	Bead Length (f)
EN 1.0038 Equiv.	5~10
EN AW-5052 Equiv.	10~15
EN 1.4301 Equiv.	5~10

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) (4 Hole Mounting Type) N (Slotted Hole Mounting Type)	SB SBB SBM AB ABW ABB SUB	(8) 10 14 17 20 (8) applies to EN 1.0038 Equiv. only	50~300	40~150	40~200	30~290 Y>Tx2 For A>150 Y≥A/2	0.1mm Increment					3~30 (0.5mm Increment) (0.1mm Increment)	M N Z ZB	0 (No Hole) 3 4 5 6 8 10 12 16			0.1mm Increment	MA NA ZBA	0 (No Hole) 3 4 5 6 8 10 12	0.1mm Increment K≤NAx5
Double Gussets WAW	Cylinder Mounting Type C	Double Gussets (4 Hole Mounting Type) P (Slotted Hole Mounting Type)	SB SBB SBM AB ABW ABB SUB																			

Ordering Example

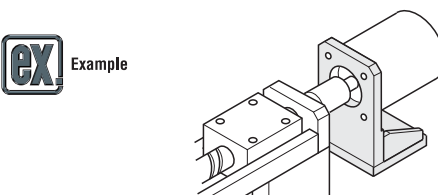
Type	Front Config.	Bottom Config.	Material Symbol	T	A	B	L	Y	H	F	G	E	Q	D	Hole Specification ①	V	S	W	Hole Specification ②	K
WAS	B	D	SB	T10	A150	B60	L80	Y120							N6					
WAS	B	D	SBB	T10	A150	B60	L80	Y120	H50	F50	G50				N6					NA6

- [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.

Hole Type Selection Chart

Hole Type	Code	Shape Diagram	Machining Specifications
Tapped Holes	M, MA		Effective Tap Length Max. M, Max2
Bolt Hole	N, NA		
Counterbored Holes	Z		
Counterbored Holes (Back)	ZB, ZBA		

Example



Alterations

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 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). Add RBC at the end of the type designation. (Ex.) ~ -RBC5	NA slotted hole is rotated 90° about the center. Add RC at the end of the type designation. (Ex.) ~ -RC	E dimension specification is rotated 180°. 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 Specify by replacing dim. D with DC. (Ex.) ~ -DC20	Backside is milled. Milling is to end 10mm away from the gusset. Add FC at the end of the type designation. (Ex.) ~ -FC