

Sheet Metal Mounting Plate / Brackets (For Sensors)

L-Shaped

Sheet Metal Mounting Plate/Bracket – L-Shaped

RoHS10

Part Number		Material	Surface Treatment
Type	Material Code		
FALZS	SP	Low Carbon Steel	—
FALAS	FAPAS		Black Oxide
FALCS	FADAS		Bright Chromate Plating
FALDS	FADBS		—
FACAS	FAMDS		—
FALBS	FAMBS	5052 Aluminum Alloy	Clear Anodize
FASBS	FAEAS		Black Anodize
FAMAS	FANAS		—
FAMCS	FATBS	304 Stainless Steel	—

FALZS No Hole 25 (✓)

(Common Dimension)

Ⓢ Material for plate thickness 4.5 and 6.0 is Low Carbon Steel.

<p>FALAS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>	<p>FALDS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>	<p>FACAS</p>	<p>FALBS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>
<p>FASBS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>	<p>FAMAS</p>	<p>FAMCS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>	
<p>FAPAS</p>	<p>FADAS</p>	<p>FADBS</p>	<p>FAMDS</p> <p>Ⓢ Orientation of Slotted Holes can be changed. (Refer to the "Alterations" section.)</p>
<p>FAEAS</p>	<p>FAMBS</p>	<p>FANAS</p>	<p>FATBS</p>

Ⓢ Parameters in green are optional. If these parameters are not specified, the hole alignment will be centered. For the details P.3900.

Sheet Metal Mounting Plate / Brackets (For Sensors)

L-Shaped, continued

Part Number	Selection	1 mm Increment			X	F	H	G	Hole Configurable (1)					Hole Configurable (2)						
		Type	Material Code	T					A	B	L	Code Ordering Method	D	J	Y	V	S	W	Code Ordering Method	K
FALZS	SP	Low Carbon Steel	5052 Aluminum Alloy	304 Stainless Steel					0.1mm Increment	N (Screw Through Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection)	3-30 (0.5 Increment)	0.1mm Increment Ⓢ J ≤ Nx5	NA (Screw Through Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection)	MA (Tapped Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection)	0.1mm Increment Ⓢ K ≤ NAx5					
FALAS	FAPAS	Low Carbon Steel	5052 Aluminum Alloy	304 Stainless Steel				M (Tapped Hole) Ⓢ 0, 3, 4, 5, 6, 8, 10 (Selection)												
FALCS	FADAS	Low Carbon Steel	5052 Aluminum Alloy	304 Stainless Steel				DA (Through Hole) Ⓢ 3-30 (0.5mm Increment)												

- Ⓢ Material for plate thickness 4.5 and 6.0 is Low Carbon Steel. Ⓢ A > 100 can be specified when T = 6.0. Ⓢ DA can be selected only for FALAS, FALBS, FALCS and FASBS. Ⓢ K ≤ NAx5 Ⓢ When T = 6.0, B or L ≥ 20.
- Ⓢ C0.2 to C0.5, unless otherwise specified. Ⓢ No Hole Configurable (except D and DA). Specify 0 for all parameters about hole configuration.
- Ⓢ Slotted Holes may be shaped like the right figure depending on its dimension. Ⓢ Parameters in green is optional. When the parameters in green is not specified, the hole alignment will be even against the center. (The function as a mounting hole is not affected.) Ⓢ Although hole deformation may occur when a hole is too close to the end face or the bent section, machining will follow the specification.

Part Number Example

Part Number	Type	Material Code	T	A	B	L	X	F	H	G	Hole Configurable (1) Code / Nominal Dia.	D	J	Y	V	S	W	Hole Configurable (2) Code / Nominal Dia.	K	
FALAS	-	SPB	-T1.6	A30	-B30	-L30	-X15	-	-H20	-	N5	-	-	-Y15	-	-S15	-	-W20	-NA6	-
FAMBS	-	AM	-T1.5	A80	-B60	-L60	-X50	-	-F0	-H70	-	N4	-	-	-Y15	-	-V30	-S20	-W20	-NA5

Specifications / Machining Limits

- Ⓢ 1. For tolerance, refer to P.3893
 - Ⓢ 2. Burr height 0.1 or less
 - Ⓢ 3. Bend angle tolerance ±1°
 - Ⓢ 4. Scratches caused by the press brake may occur. Refer to P.3893
 - Ⓢ 5. Swelling due to bending
 - Ⓢ 6. Machining limits (min. value)
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Hole Selections

Hole	Screw Through Hole	Tapped Hole (Coarse)	Through Hole
Code	N, NA	M, MA	D, DA
Shape Diagram			

Ⓢ For the d dimensions, refer to the "N, NA Machining Dimensions" section below the Specifications Table.

Application Example