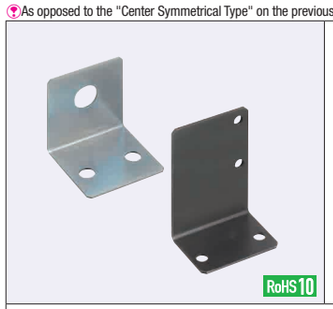
L Sheet Metal Mounting Plates, Brackets

Dimension Configurable Type

As opposed to the "Center Symmetrical Type" on the previous page, general tolerance is the guaranteed value for external dimensions.

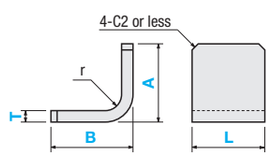


Part Number Type	Material Symbol	Material	Surface Treatment
FALZS FALAS FAPAS FALCS FADAS FALDS FADBS FACAS FAMDS FALBS FAEAS FASBS FAMBS FAMAS FANAS FAMCS FATBS	SP	EN 1.0330 Equiv.	-
	SPB		Black Oxide
	SPU		Trivalent Chromate (Clear)
	SPK		Trivalent Chromate (Black)
	AM	EN AW-5052 Equiv.	-
	AMW		Anodize (Clear)
	AMB		Anodize (Black)
	SUD	EN 1.4301 Equiv. (2B)	-

4.5, 6.0 thickness type is EN 1.0320 Equiv. (hot coiled) material.

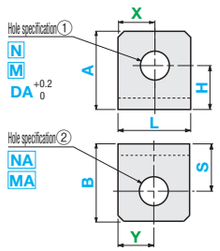
FALZS

(Common Dimension)

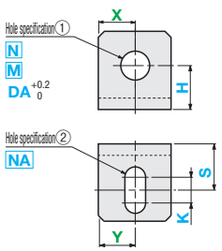


There may be some hanger holes on anodized FALZS.(See Specifications and Machining Limits)

FALAS

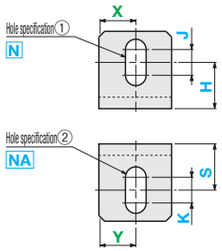


FALCS



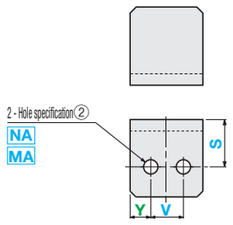
Slotted hole direction can be changed (See alterations).

FALDS

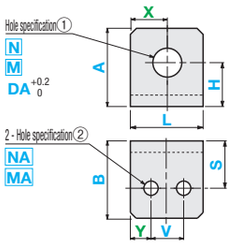


Slotted hole direction can be changed (See alterations).

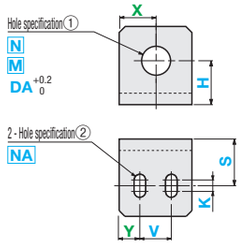
FACAS



FALBS

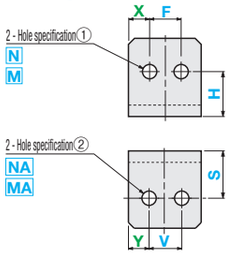


FASBS

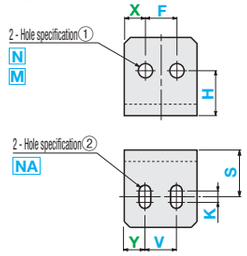


Slotted hole direction can be changed (See alterations).

FAMAS

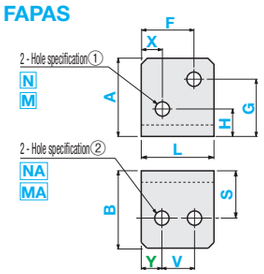


FAMCS

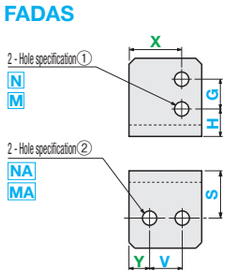


Slotted hole direction can be changed (See alterations).

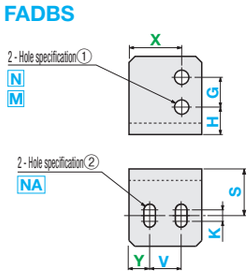
FAPAS



FADAS

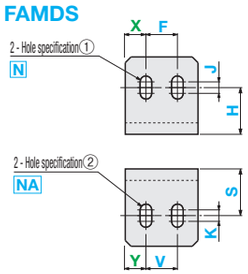


FADBS



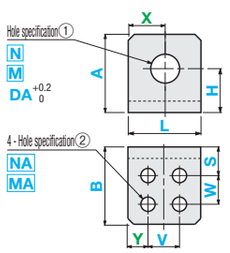
Slotted hole direction can be changed (See alterations).

FAMDS

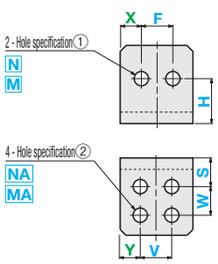


Slotted hole direction can be changed (See alterations).

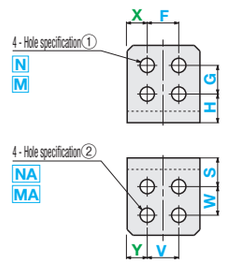
FAEAS



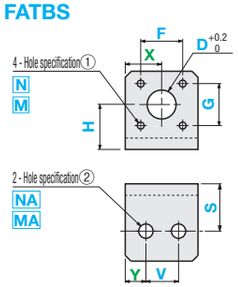
FAMBS



FANAS



FATBS



Green colored parameters can be omitted. If the parameter setting is omitted, the holes will be evenly distributed about the center. For details, see P.1834.

Part Number Type	Material Symbol	Selection T			1mm Increment A	B	L	X	F	H	G	Hole Specification① Code Designation	D	J	Y	V	S	W	Hole Specification② Code Designation	K
FALZS FALAS FAPAS FALCS FADAS FALDS FADBS FACAS FAMDS FALBS FAEAS FASBS FAMBS FAMAS FANAS FAMCS FATBS	SP	EN 1.0330 Equiv. (EN 1.0320 Equiv. (hot coiled))	EN AW-5052 Equiv.	EN 1.4301 Equiv.	20 ~ 200 For T6.0 ~300	15 ~ 200 For T6.0 20~	10 ~ 200 For T6.0 20~	0.1mm Increment				N (Bolt Hole) 0, 3, 4, 5, 6, 8, 10 (Select)	3~30 (0.5 Inc.)	0.1mm Increment J≤Nx5					NA (Bolt Hole) 0, 3, 4, 5 6, 8, 10 (Select)	0.1mm Increment K≤NAx5
	SPB			1.0								M (Tapped Holes) 0, 3, 4, 5, 6, 8, 10 (Select)							MA (Tapped Holes) 0, 3, 4, 5 6, 8, 10 (Select)	
	SPU																			
	SPK																			
	AM	1.6	1.5	1.5								DA (Through Hole) 3~30 (0.5mm Increment)								
	AMW	2.3	2.0	2.0																
	AMB	3.2	3.0	3.0																
	SUD	4.5	4.0	4.0																
		6.0	5.0	5.0																

Holes may deform if the hole locations are too close to the ends and bends, but they will be machined as specified if they are within the machining limits.

N, NA machining dimensions

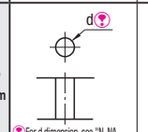
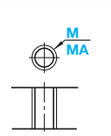
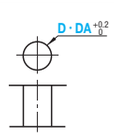
N, NA specified Value	0	3	4	5	6	8	10
Through Hole Dia. (d)	(No Hole)	3.5	4.5	5.5	6.5	9	11

Ordering Example

Part Number: Type - Material Symbol - T - A - B - L - X - F - H - G - Hole Specification① Code, Nominal Value - D - J - Y - V - S - W - Hole Specification② Code, Nominal Value - K

Type	Material Symbol	T	A	B	L	X	F	H	G	Hole Specification① Code, Nominal Value	D	J	Y	V	S	W	Hole Specification② Code, Nominal Value	K
FALAS	SPB	T1.6	A30	B30	L30	X15		H20		N5			Y15		S15		NA6	
FAMBS	AM	T1.5	A80	B60	L60	X50	F0	H70		N4			Y15	V30	S20	W20	NA5	

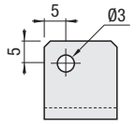
Hole Type Selection Chart

Hole Type	Bolt Hole	Tapped Holes (Coarse Thread)	Through Hole
Code	N, NA	M, MA	D, DA
Shape Diagram	 For d dimension, see "N, NA Machining Dimensions" on lower section of specification chart.		

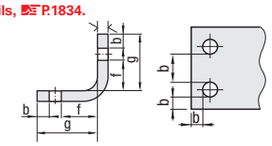
Specifications, Machining Limits

1. Burr height 0.1 or less
2. Bend angle tolerance ±1°
3. There will be scratches and bulges by Press Brake. For details and bend radius information, P.1832.
4. Slotted holes may be shaped as shown below depending on dimensions. (No negative effects on mounting functionality)

5. Anodized FALZS There are hanger holes above T4.



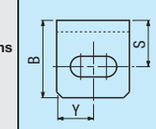
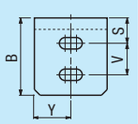
6. There are machining limits on b, f, and g shown in below diagram. For details, P.1834.



Alterations

Part Number: Type - Material Symbol - T - A - B - L - X - F - H - G - Hole Specification① Code, Nominal Value - D - J - Y - V - S - W - Hole Specification② Code, Nominal Value - K - (RC)

Type	Material Symbol	T	A	B	L	X	F	H	G	Hole Specification① Code, Nominal Value	D	J	Y	V	S	W	Hole Specification② Code, Nominal Value	K	(RC)
FALCS	SP	T1.6	A30	B30	L30	X15		H20		N5			Y15		S15		NA3	K2	RC

Alterations	Slotted Hole Angle Change FALCS, FALDS:  FASBS, FAMCSFADBS, FAMDS: 
Code	RC
Spec.	Slotted holes are changed as shown above. Note the dimensions relationship Ordering Code Add RC at the end of the type designation (Ex.)~-RC

·Price Calculations

Add surface treatment charges to the body prices.(Ex.)

For FALZS-SPU-T1.6-A100-B50-L50,

Main Body Price + Surface Treatment Charge = Price

A	L	T	Body Price Unit Price: FALZS EN 1.0330 Equiv. EN 1.0320 Equiv. (hot coiled) SP	FALZS EN AW-5052 Equiv. AM	FALZS EN 1.4301 Equiv. SUD	FALAS FACAS EN 1.0330 Equiv. EN 1.0320 Equiv. (hot coiled) SP	FALAS FACAS EN AW-5052 Equiv. AM	FALAS FACAS EN 1.4301 Equiv. SUD	FALBS FALCS EN 1.0330 Equiv. EN 1.0320 Equiv. (hot coiled) SP	FALBS FALCS EN AW-5052 Equiv. AM	FALBS FALCS EN 1.4301 Equiv. SUD	FAMAS FASBS FALDS FAPAS FADAS FAEAS EN 1.0330 Equiv. EN 1.0320 Equiv. (hot coiled) SP	FAMAS FASBS FALDS FAPAS FADAS FAEAS EN AW-5052 Equiv. AM	FAMAS FASBS FALDS FAPAS FADAS FAEAS EN 1.4301 Equiv. SUD	FAMBS FADBS FANAS FATBS FAMCS FAMDS EN 1.0330 Equiv. EN 1.0320 Equiv. (hot coiled) SP	FAMBS FADBS FANAS FATBS FAMCS FAMDS EN AW-5052 Equiv. AM	FAMBS FADBS FANAS FATBS FAMCS FAMDS EN 1.4301 Equiv. SUD	Surface Treatment Charge (Body Price+): EN 1.0330 Equiv. Black Oxide Trivalent Chromate (Clear, Black) SPB SPU SPK	EN AW-5052 Equiv. Anodize (Clear) AMW	EN AW-5052 Equiv. Anodize (Black) AMB
20~100	10~100	1.0~1.6																		
		2.0~3.2																		
		4.0~6.0																		
	101~200	1.0~1.6																		
		2.0~3.2																		
		4.0~6.0																		
101~200	10~100	1.0~1.6																		
		2.0~3.2																		
		4.0~6.0																		
	101~200	1.0~1.6																		
		2.0~3.2																		
		4.0~6.0																		
201~300	10~100	6.0		-	-		-	-		-	-		-	-		-	-		-	-
	101~200	6.0		-	-		-	-		-	-		-	-		-	-		-	-