L Sheet Metal Mounting Plates, Brackets

Dimension Configurable Type

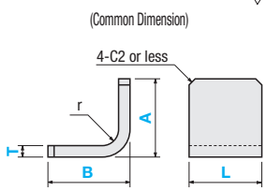
As opposed to the "Center Symmetrical Type" on the previous page, general tolerance is the guaranteed value for external dimensions.

RoHS 10

Part Number Type	Material Symbol	Material	Surface Treatment
FALZS	SP	SPCC (Holding)	-
FALAS FAPAS	SPB		Black Oxide
FALCS FADAS	SPU		Trivalent Chromate (Clear)
FALDS FADBS	SPK		Trivalent Chromate (Black)
FACAS FAMDS	AM	A5052	-
FALBS FAEAS	AMW		Anodize (Clear)
FASBS FAMBS	AMB		Anodize (Black)
FAMAS FANAS	SUD	SUS304(2B)	-
FAMCS FATBS			

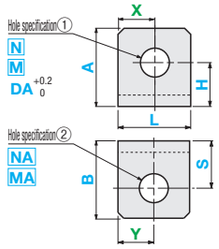
4.5, 6.0 thickness type is SPHC material.

FALZS

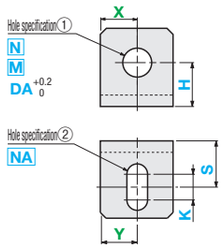


There may be some hanger holes on anodized FALZS.(See Specifications and Machining Limits)

FALAS

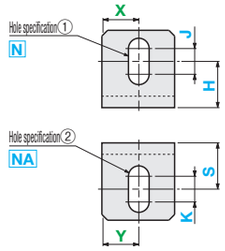


FALCS



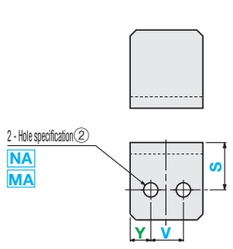
Slotted hole direction can be changed (See alterations).

FALDS

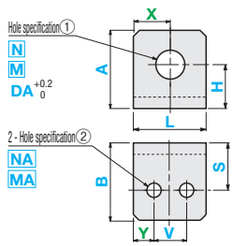


Slotted hole direction can be changed (See alterations).

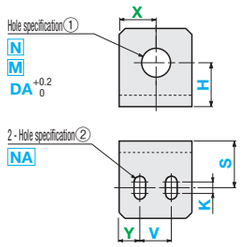
FACAS



FALBS

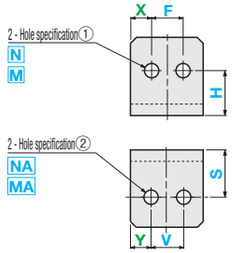


FASBS



Slotted hole direction can be changed (See alterations).

FAMAS



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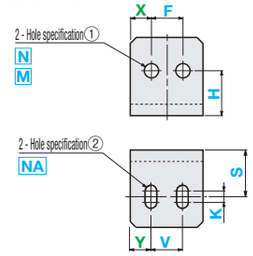
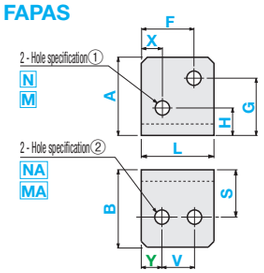
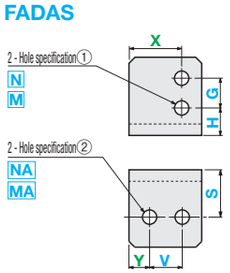


Slotted hole direction can be changed (See alterations).

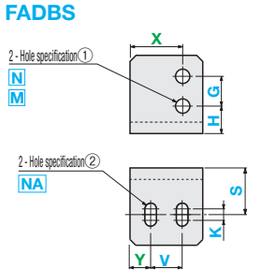
FAPAS



FADAS

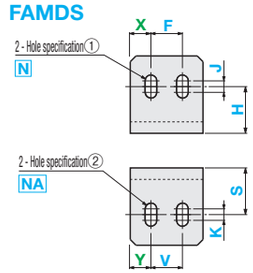


FADBS



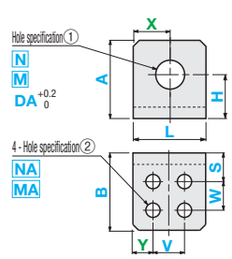
Slotted hole direction can be changed (See alterations).

FAMDS

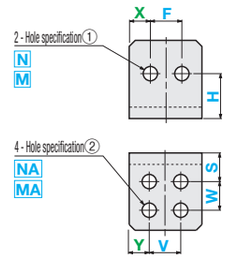


Slotted hole direction can be changed (See alterations).

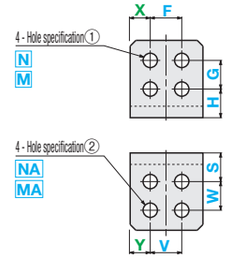
FAEAS



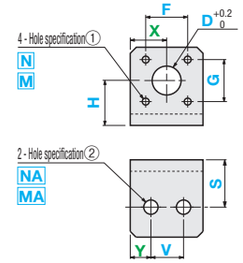
FAMBS



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	SP	SPCC (SPHC)	A5052	SUS304	20 ~ 200	15 ~ 200	10 ~ 200	0.1mm Increment				N (Bolt Hole) 0, 3, 4, 5, 6, 8, 10 (Select)	3~30 (0.5 Inc.)	0.1mm Increment					NA (Bolt Hole) 0, 3, 4, 5 6, 8, 10 (Select)	0.1mm Increment
FALAS FAPAS	SPB			1.0																
FALCS FADAS	SPU																			
FALDS FADBS	SPK	1.6	1.5	1.5								M (Tapped Holes) 0, 3, 4, 5, 6, 8, 10 (Select)							MA (Tapped Holes) 0, 3, 4, 5 6, 8, 10 (Select)	
FACAS FAMDS	AM	2.3	2.0	2.0																
FALBS FAEAS	AMW	3.2	3.0	3.0										J≤Nx5						K≤Nx5
FASBS FAMBS	AMB	4.5	4.0	4.0	For T6.0 ~300	For T6.0 20~	For T6.0 20~													
FAMAS FANAS	SUD	6.0	5.0	5.0								DA (Through Hole) 3~30 (0.5mm Increment)								
FAMCS FATBS																				

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
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	

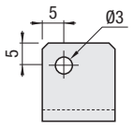
Hole Type Selection Chart

Hole Type	Bolt Hole	Tapped Holes (Coarse Thread)	Through Hole
Code	N, NA	M, MA	D, DA
Shape Diagram	d (For d dimension, see "N, NA Machining Dimensions" on lower section of specification chart.)	M MA	D · DA +0.2 0

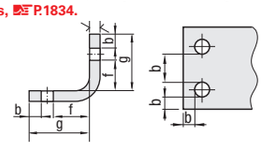
Specifications, Machining Limits

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.

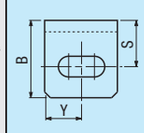
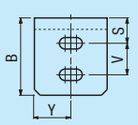


6. There are machining limits on b, f, and g shown in below diagram. For details, P.1834.



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)
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 SPCC SPHC SP	FALZS A5052 AM	FALZS SUS304 SUD	FALAS FACAS SPCC SPHC SP	FALAS FACAS A5052 AM	FALAS FACAS SUS304 SUD	FALBS FALCS SPCC SPHC SP	FALBS FALCS A5052 AM	FALBS FALCS SUS304 SUD	FAMAS FASBS FALDS FAPAS FADAS FAEAS SPCC SPHC SP	FAMAS FASBS FALDS FAPAS FADAS FAEAS A5052 AM	FAMAS FASBS FALDS FAPAS FADAS FAEAS SUS304 SUD	FAMBS FADBS FANAS FAMCS FATBS FAMDS SPCC SPHC SP	FAMBS FADBS FANAS FAMCS FATBS FAMDS A5052 AM	FAMBS FADBS FANAS FAMCS FATBS FAMDS SUS304 SUD	Surface Treatment Charge (Body Price+) SPCC Black Oxide Trivalent Chromate (Clear, Black) SPB SPU SPK	SPCC A5052 Anodize (Clear) AMW	SPCC A5052 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		-	-		-	-		-	-		-	-		-	-		-	-