

# Sheet Metal Mounting Plates / Brackets

## Dimension Configurable Type

As opposed to the "Center Symmetrical Type" on the previous page, general tolerance (P.1833) is the guaranteed value for external dimensions.

**JTDZS**  
(Common Dimension)  
4-C2 or less

Part Number Type	Material Symbol	Material	Surface Treatment
JTDZS	SP	SPCC	-
JTDAS JTHAS	SPB		Black Oxide
JTDBS JTHBS	SPU		Trivalent Chromate (Clear)
JTDCS JTHDS	SPK		Trivalent Chromate (Black)
JTMAS JTHES	AM	A5052	-
JTAAS JTABS	AMW		Anodize (Clear)
JTBAS JTBBS	AMW		Anodize (Black)
JTKAS JTACS	AMB		-
JTNAS JTADS	SUD	SUS304(2B)	-

There may be some hanger holes on anodized JTDZS. (See Specifications, Machining Limits)

4.5, 6.0 thickness type is SPHC material.

**JTDAS**

**JTDBS**

**JTDCS**

**JTMAS**

Slotted hole direction can be changed (See alterations)

**JTAAS**

**JTBAS**

**JTKAS**

**JTNAS**

Slotted hole direction can be changed (See alterations)

**JTHAS**

**JTHBS**

**JTHDS**

**JTHES**

Slotted hole direction can be changed (See alterations)

**JTABS**

**JTBBS**

**JTACS**

**JTADS**

Slotted hole direction can be changed (See alterations)

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.

### 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

- For tolerances, see P.1833.
- Burr height 0.1 or less
- Slotted holes may be shaped as shown below depending on dimensions. (No negative effects on mounting functionality)
- Anodized JTDZS There are hanger holes above T4.
- There are machining limits for thickness between holes, and between hole and edge. (Ex: "b" on the drawing below) For limit values, see P.1834.

Part Number Type	Material Symbol	1mm Increment		Selection			X	Y	G	Hole Specification① Code / Specify Method	K	L	V	S	W	Hole Specification② Code / Specify Method	D	J
		A	B	T														
JTDZS	SP	10	5	SPCC (SPHC)	A5052	SUS304				N (Bolt Hole) 0, 3, 4, 5 6, 8, 10 (Select)	0.1mm Increment					NA (Bolt Hole) 0, 3, 4, 5, 6, 8, 10 (Select)	3-30 (0.5mm Increment)	0.1mm Increment ⌀1.5Mx10
JTDAS JTHAS	SPB	300	300	1.6	1.5	1.5	0.1mm Increment	M (Tapped Holes) 0, 3, 4, 5 6, 8, 10 (Select)	K ≤ Nx10	MA (Tapped Holes) 0, 3, 4, 5, 6, 8, 10 (Select)								
JTDBS JTHBS	SPU			2.3	2.0	2.0												
JTDCS JTHDS	SPK			3.2	3.0	3.0												
JTMAS JTHES	AM			4.5	4.0	4.0												
JTAAS JTABS	AMW			6.0	5.0	5.0												
JTBAS JTBBS	AMB																	
JTKAS JTACS	SUD																	
JTNAS JTADS																		

For types other than JTDZS, JTMAS and JTNAS, A≥15, and B≥15. For Thickness 6.0, B≥6. If the specified hole location is close to the edges, the hole may be deformed but will be machined as specified if within 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: JTDAS - SP - A80 - B50 - T3.2 - X10 - Y10 - G - N5 - K - L30 - V - S10 - W50 - D - J

JTDAS - SP - A80 - B50 - T3.2 - X10 - Y10 - G - N5 - K - L30 - V - S10 - W50 - D - J

Alterations

Part Number: JTDAS - SP - A80 - B50 - T3.2 - X10 - Y10 - G - N5 - K - L30 - V - S10 - W50 - D - J - (CC, RC)

JTDAS - SP - A80 - B50 - T3.2 - X10 - Y10 - G - N5 - K - L30 - V - S10 - W50 - D - J - (CC, RC)

Alteration	Slotted Hole Angle Change		Corner cut
	JTDBS	JTHBS JTBAS JTBBS	
Code	RC		CC
Spec.	Slotted holes are changed as shown above. Note the dimensions relationship. Add RC at the end of the type designation. (Ex.) - RC		CC = 1mm Increment 1 ≤ CC ≤ 10. Add CC at the end of the Part Number designation. (Ex.) - CC5

Add surface treatment charge to example calculated body price. (Ex.) For JTDZS-SPB-A100-B50-T3.2.

Main Body Price + Surface Treatment Charge = Price

A	B	T	Body Price Unit Price															Surface Treatment Charge (Body Price)		
			JTDZS			JTDAS JTHAS			JTAAS JTDBS JTKAS JTDCS JTMAS JTNAS			JTBAS JTABS JTBBS JTHES JTACS JTADS			JTHBS JTHDS			SPCC		A5052
			SPCC SPHC	A5052	SUS304	SPCC SPHC	A5052	SUS304	SPCC SPHC	A5052	SUS304	SPCC SPHC	A5052	SUS304	SPCC SPHC	A5052	SUS304	Black Oxide Trivalent Chromate (Clear, Black)	Anodize (Clear)	Anodize (Black)
10-100	5-100	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	1.0-1.6																			
	2.0-3.2																			
	4.0-6.0																			
101-200	5-100	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	1.0-1.6																			
	2.0-3.2																			
	4.0-6.0																			
201-300	5-100	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	1.0-1.6																			
	2.0-3.2																			
	4.0-6.0																			