

Gussets

Tapped, Hole Position Fixed

Features: Screw fastening type from the mating material to which the ribs are attached.

RoHS10

Type		Material	Surface Treatment
Standard Grade (Perpendicularity: 0.05/100)	Precision Grade (Perpendicularity: 0.02/100)		
RBBS	RGBS	Steel for General Structure	-
RBBB	RGBB		Black Oxide
RBBM	RGBM		Electroless Nickel Plating
RBBA	RGBA		-
RBBW	RGBW	Aluminum Alloy	Clear Anodize
RBBV	RGBV		Black Anodize
RBBF	RGBF	SUS304	-

⊗ Precision Grade is not specifiable for B200 or more.

Details Listed in Dimensional Section

When A=20 or 30

A	a1
20	12.5
30	20

B	b1	b2	J
30	10	10	10
40	10	20	
50	15	20	
60	15	30	
80	15	50	
100	20	60	

The manufacturing tolerance of * is +0.2. Other dimensions are general tolerance (JIS B 0405). **P.2286**

T	M
6	3
9, 10	5
12	6

When A=40

A	a1	a2
40	10	20

*When B=40, in order to prevent interference, (a1, a2) dimensions are (15, 15).
When B=50 or 60 and T=12, (a1, a2) dimensions are (15, 15) similarly.

B	b1	b2	b3	J
40	15	15	-	10
50	12.5	25	-	
60	15	30	-	
80	20	40	-	
100	20	60	-	
150	37.5	75	-	

*When B=50 and T=12, in order to prevent interference, (b1, b2) dimensions are (15, 20).
⊗ See the right table (A=50 - 150) when B=200.

T	M
9, 10	5
12	6
16	8

When A=50 - 150

A	a1	a2
50	12.5	25
60	15	30
80	20	40
100	25	50
150	37.5	75

B	b1	b2	b3	J
50	12.5	25	-	10
60	15	30	-	
80	20	40	-	
100	25	50	-	
150	37.5	75	-	
200	30	75	75	

⊗ 2 mounting holes for B150 or less.
⊗ M8 when B≥100.

T	M
9, 10	5
12	6*
16	8

Part Number Type	A	B Selection							T Selection					
		30	40	50	60	80	100	150	SS400, SUS304		A5052			
Standard Grade (Perpendicularity: 0.05/100) (SS400)	20								6			6		
Precision Grade (Perpendicularity: 0.02/100) (SS400)	30	30							6	9	12	6	10	12
RBBS	40		40	50	60	80	100		9	12		10	12	
RBBB	50			50	60	80	100			12	16		12	16
RBBM	60				60	80	100			12	16		12	16
RBBA	80					80	100			12	16		12	16
RBBW	100						100			12	16		12	16
RBBV	150									12	16		12	16
RBBF	200									12	16		12	16
	300									12	16		12	16
	400									12	16		12	16
	500									12	16		12	16
	600									12	16		12	16
	800									12	16		12	16
	1000									12	16		12	16

⊗ Precision Grade is not specifiable for B200 or more.

Ordering Example: Part Number - B - T
RBBS50 - 100 - 9

Alterations: Part Number - B - T - (NL)
RBB50 - 100 - 12 - NL

Alteration	Code	Spec.
	NL	1 tapped hole at the center of side A. Ordering Code: NL ⊗ Not applicable when A=20 or 30.

Calculation Example of Unit Price: RBBS50-100-9
A+B=Dimension + B Dimension = 50+100=150

Calculation Example of Precision Grade: RBB50-100-9

A+B	Standard Grade Tolerance Unit Price (Tolerance Precision Type: Price in the Table x1.1)															
	SS400							A5052							SUS304	
	RBBS		RBBB		RBBM		RBBA		RBBW		RBBV		RBBF			
50	T=6,9	T=12	T=16	T=6,9	T=12	T=16	T=6,9	T=12	T=16	T=6,10	T=12	T=16	T=6,9	T=12	T=16	
60																
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