

Gussets

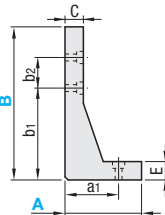
Through/Counterbored Holes, Hole Position Fixed

■ **Features:** Through holes and counterbored holes are selectable. In addition, hole on either A side or B side can be changed to tapped holes.



Details Listed in Dimensional Section

When A=30 or 50



A	a1	C
30	20	8
50	35	17

B	b1	b2	E
30	20	-	8
50	35	-	12
80	50	15	8
100	60	20	12
150	90	30	20

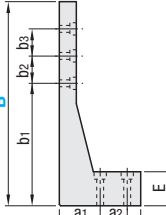
T	Through Hole (Screw Nominal Dia.)	Counterbored Hole (Screw Nominal Dia.)
10, 12	5	4
16	8	6

*1 mounting hole for B50 or less.

*The nominal diameter is the recommended screw size. For details of dimension, see Hole and Bolt Selection Table.



When A=80, 100 or 150



A	a1	a2	C
80	50	15	20
100	60	20	25
150	90	30	40

B	b1	b2	b3	E
80	50	15	-	20
100	60	20	-	25
150	90	30	-	40
200	140	20	20	40
250	160	30	30	40
300	180	40	40	40

T	Through Hole (Screw Nominal Dia.)	Counterbored Hole (Screw Nominal Dia.)
12	6	5
16	8	6

*2 mounting holes for B150 or less.

*The nominal diameter is the recommended screw size. For details of dimension, see Hole and Bolt Selection Table.

■ **Standard Grade Through Hole / Counterbored Hole** (⊗ B200 or more are not available for Counterbored Hole Type.)

Part Number		B Selection					T Selection	
Type	A							
Through Hole (EN 1.0038 Equiv.)	30	30	50	80	100		12	10
Counterbored Hole (EN 1.0038 Equiv.)	50		50	80	100		12	10
RBDS								
RBDDB								
RBDDB								
RBDDB								
RBDM								
RBDA								
RBDW								
RBDV								
RBDF								
EN AW-5052 Equiv.	80		80	100	150	200	250	300
EN AW-5052 Equiv.	100							
EN 1.4301 Equiv.	150							

Ordering Example: Part Number - B - T
RBDA100 - 150 - T12

■ **Precision Grade - Through Hole**

Part Number		B Selection					T Selection	
Type	A							
Through Hole (EN 1.0038 Equiv.)	30	30	50	80	100		12	10
Counterbored Hole (EN 1.0038 Equiv.)	50		50	80	100		12	10
RBDS								
RBDDB								
RBDDB								
RBDDB								
RBDM								
RBDA								
RBDW								
RBDV								
RBDF								
EN AW-5052 Equiv.	80		80	100	150		12	16
EN AW-5052 Equiv.	100						12	16
EN 1.4301 Equiv.	150						12	16

Ordering Example: Part Number - B - T - (ASY, BSY)
RBYB100 - 150 - T16 - ASY5

Alteration	Code	Spec.
Side B Side A	ASY	Changes holes on either side A or side B to tapped holes. Hole diameters are selectable.
Change of the hole on side A	BSY	Change of the hole on side A --- ASY4
Change of the hole on side B	BSY5	Change of the hole on side B --- BSY5
Tapped hole may go through.		

Calculation Example of Unit Price
RBDA100-150-T16
A+B=A Dimension + B Dimension =100+150=250

Calculation Example of Precision Grade
RGDA100-150-T16

A+B	Standard Grade Tolerance Unit Price (Tolerance Precision Type: Price in the Table x1.1.)															
	Through Hole								Counterbored Hole							
	EN 1.0038 Equiv.				EN AW-5052 Equiv.				EN AW-5052 Equiv.				EN AW-5052 Equiv.			
	RBDS	RBDDB	RBDDB	RBDDB	RBDA	RBDW	RBDV	RBDF	RBYB	RBYB	RBYB	RBYB	RBDA	RBYW	RBYW	RBYW
60																
80																
100																
110																
130																
150																
160																
180																
200																
230																
250																
280																
300																
330																
350																
400																
450																

Gussets

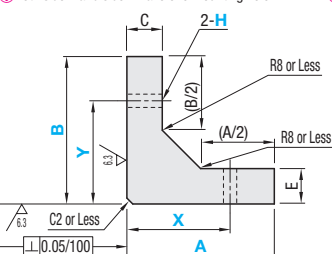
Through Hole, Hole Position Configurable

■ **Features:** The mounting hole pitch can be configured. When the mounting hole pitch does not match with the fixed dimension (Through Hole) on the left-hand page, the following standard is available.



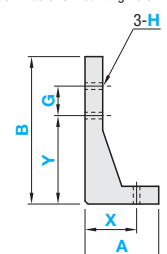
When A=30 or 50 and B=30 or 50

Both side A and side B have one mounting hole.

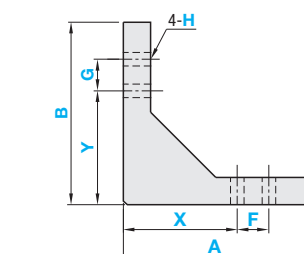


When A=30 or 50 and B=80 or 100

Side A has one mounting hole.



When A=80 or 100



Dimension	H (Nominal Dia.)				
Hole Dia.	3	4	5	6	8
3.5	4.5	5.5	6.5	8	9

Part Number		B	1mm Increment				H	T		C	E				
Type	A		Side A Hole Pitch		Side B Hole Pitch			EN 1.0038 Equiv.	EN AW-5052 Equiv. EN 1.4301 Equiv.						
			X	F	Y	G									
(EN 1.0038 Equiv.) RBPDS RBPDB RBPDM (Aluminum Alloy 5000 series) RBPDA RBPDW (EN 1.4301 Equiv.) RBPDF	30	30 50	20~24	- *1	Y≥(B/2)+6	-2	3 4 5	12	10	8	8				
		80				G≥Hx2 and Y+G≤B-6 or 0*3						8	8		
	50	50	30~44		-2	12				10	12			12	
		80 100			G≥Hx2 and Y+G≤B-6 or 0*3							12	12		
	80	80 100	50~56		F≥Hx2 and X+F≤A-8 or 0*3	Y≥(B/2)+8				G≥Hx2 and Y+G≤B-8 or 0*3	5 6 8			12	12
	100	100 150	60~76												

*1 When A=30 or 50, side A has 1 mounting hole and specification of F dimension is not required.

*2 When B=30 or 50, side B has 1 mounting hole and specification of G dimension is not required.

*3 When 0 is specified for F and G dimensions, 1 mounting hole is available.

Ordering Example: Part Number - B - X - F - Y - G - H - T
RBPDS50 - 100 - X40 - F70 - Y70 - G20 - H4 - T12
RBPDA100 - 150 - X70 - F0 - Y90 - G15 - H6 - T12

A+B	Unit Price					
	EN 1.0038 Equiv.			EN AW-5052 Equiv.		EN 1.4301 Equiv.
	RBPDS	RBPDB	RBPDM	RBPDA	RBPDW	RBPDF
60						
80						
100						
110						
130						
150						
160						
180						
200						
250						