

# Welded Angle Plates

Compact & No Hole Type / Fixed Side Standard

Gussets / Angle Plates / Welded Steel Stands

**Welded Angle Plates – Compact & No Hole Type**

RoHS10

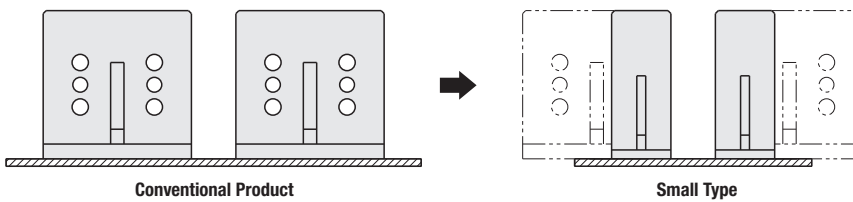
Type	Material	Surface Treatment
BRWS	1018 Carbon Steel or Equivalent	—
BRWB		Black Oxide
BRWM	304 Stainless Steel	Electroless Nickel Plating
BRWF		—

Ⓢ The 1018 Carbon Steel or Equivalent products have shot blasted area in: ✓

Part Number	Type	A	W	H 5 mm Increment	E	T	t
BRWS No Treatment	50	50-250	40	25	10	6	
			50	50			
			60	90			
			70	140			
			80	190			
BRWB Black Oxide	60	50-250	50	25	10	6	
			60	50			
			70	90			
			80	140			
BRWM Electroless Nickel Plating	70	50-250	70	25	10	6	
			80	50			
			90	90			
			100	140			
BRWF Stainless Steel	80	50-250	80	25	10	6	
			100	50			
			140	90			
			190	140			

**Part Number Example**  
 Part Number - W - H - E  
 BRWS60 - W100 - H200 - E50

**Application Example**



# Welded Angle Plates

No Hole Type & Hole Position Specified Type

Gussets / Angle Plates / Welded Steel Stands

**Welded Angle Plates – No Hole Type & Hole Position Specified Type**

RoHS10

Type	Hole Positions Specified	Material	Surface Treatment
IKYSB	IKYS	1018 Carbon Steel or Equivalent	Black Oxide
IKYSAB	IKYSA	5052 Aluminum Alloy	—

When A=50 / 60

When A=100 or More

## Without Holes

Part Number	Type	H	A	W	T	T <sub>1</sub>	E
IKYSB IKYSAB	100	100	50	100	10	9	65
		120	80				
		150	100				
		200	135				
		250	165				
	150	140	12	200			
		165	12	235			
		200	16	265			
		235	16	335			
		335	15	335			

## Hole Position Specified Type

Part Number	Type	H	A	1 mm Increment					Fixed Dimension									
				B	X	F	Y	G	W	T	T <sub>1</sub>	E	a	h	D	d		
IKYS IKYSA	100	100	50-75	50-75	30-35	—	35-55	30-50	100	10	9	10	10	65	X+(F/2)	Y+(G/2)	10	11
					30-55	30-55	35-75	30-70										
					35-45	—	35-105	30-100										
					35-55	30-50	35-155	30-150										
					35-45	—	50-205	30-185										
	150	150	150	100	35-55	30-50	50-205	30-185	150	14	12	13	12	165	X+(F/2)	Y+(G/2)	10	11
					35-55	30-50	50-255	30-235										
					40-75	30-65	50-305	30-285										
					40-150	30-95	50-355	30-335										
					40-105	30-95	50-455	30-435										

Ⓢ Dimensions in ( ) are for IKYSAB.

Ⓢ Y+G≤H-15X+F≤A-15 Ⓢ Dimensions in ( ) are for IKYSA.

**Part Number Example**  
 Part Number - A  
 IKYSB100 - 100

Part Number - A - B - X - F - Y - G  
 BRWS60 - A100 - B75 - X40 - F30 - Y40 - G50

**Part Number Alterations**  
 Part Number - A - B - X - F - Y - G - (NKC / LN / HN / MC)  
 IKF200 - A100 - B75 - X40 - F30 - Y40 - G50 - NKC

Alterations	Omit Dowel Holes	Slotted Hole	Slotted Hole	Tapped Hole
<b>Code</b>	NKC	LN	HN	MC
<b>Spec.</b>	Omits all dowel holes. Ordering Code: NKC	Changes the d holes A surface to slotted holes. Ordering Code: LN Ⓢ When A=50 or 60, two slotted holes are machined. Ⓢ When A=50, the slotted hole length is 10 mm. * There is no dowel hole on the slotted hole side. X+F≤A-20	Changes the d holes H surface to slotted holes. Ordering Code: HN Ⓢ When H=100 or 120 or 150, distance between the slotted holes is 20mm. * There is no dowel hole on the slotted hole side. X+G≤H-30	Changes the holes 4-d (Ø11 Through Holes) on side H to tapped holes M10. Ordering Code: MC

Ⓢ Alterations are applicable to IKYS and IKYSA.