

# Angle Plates

## Hole Position Specified Type

**Feature:** Hole position on both the mounting surface (side H) and the base surface (side A) can be specified. Hole Dia. can be changed by using alteration.

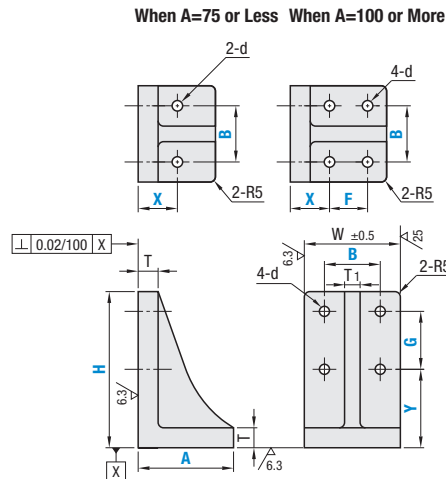
### Angle Plates – Hole Position Specified Type

Through Hole	Through & Dowel Hole	Material	Surface Treatment
IKDF	IKF	Cast Iron Class No.35	Primer Coating (Gray)
BIKDF	BIKF		Black Oxide
MIKDF	MIKF		Electroless Nickel Plating
AIKDF	AIKF	Aluminum Casting Alloy 514.0	—

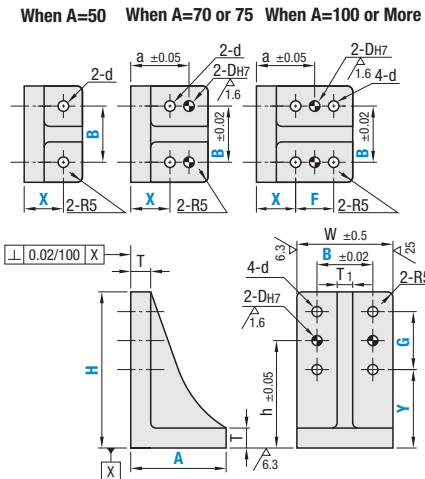
Cast Iron Class No.35: Surface treatment is not applied to the machined surfaces and holes.

$$\sqrt{\left(\frac{25}{\sqrt{6.3}} / \frac{1.6}{\sqrt{6.3}}\right)}$$

#### Through Hole Type



#### Through Hole & Dowel Hole Type



RoHS10

### Through Hole Type

Part Number	Type	H	Angle Plate Body				Through Hole					Hole Dia.
			A	W	T	T <sub>1</sub>	Side A / H		Side H			
							B	X	F	Y	G	
IKDF Primer Coating / Gray	100	*50S	50	15	8	30	35	—	35-55	30-50	9	
		50	100			14	50-75	35-55	30-50	11		
		100	100			14	50-75	35-55	30-50	11		
BIKDF Black Oxide	150	50	50	15	8	30	35	—	35-105	30-100	9	
		70	100			14	40-50	35-40	35-105	30-100	11	
		75	75			14	40-50	35-40	35-105	30-100	11	
MIKDF Electroless Nickel Plating	200	75	75	15	14	40-50	35-40	—	35-155	30-150	11	
		120	100			14	40-50	35-40	30-70	35-155	30-150	11
		250	120			18	15	50-75	40-75	30-65	50-205	30-185
AIKDF Aluminum Casting	300	150	100	18	15	50-75	40-75	30-65	50-205	30-185	11	
		350				50-75	40-75	30-65	50-255	30-235	11	
		350				50-75	40-105	30-95	50-305	30-285	11	
		400				50-75	40-105	30-95	50-355	30-335	11	

⊕ Y+G≤H-15, X+F≤A-15 ⊖ When A=50 or 70, the ordering code X and F are not required. ⊖ When A=75, the ordering code F is not required. ⊗ When A=50, the ordering code B is not required. \*Except for A dimension, dimensions of A=50S is smaller than those of A=50.

### Through Holes & Dowel Holes

Part Number	Type	H	Angle Plate Body				Through Hole					Dowel Hole			
			A	W	T	T <sub>1</sub>	Side A / H		Side H			Hole Dia.	Side A	Side H	Hole Dia.
							B	X	F	Y	G				
IKF Primer Coating / Gray	100	*50S	50	15	8	30	35	—	35-55	30-50	9	—	—	6	
		50	100			14	50-75	35-55	30-50	11	—	10			
		100	100			14	50-75	35-55	30-50	11	X+(F/2)	Y+(G/2)	10		
BIKF Black Oxide	150	50	50	15	8	30	35	—	35-105	30-100	9	55	—	6	
		70	100			14	40-50	35-40	35-105	30-100	11	X+(F/2)	Y+(G/2)	10	
		75	75			14	40-50	35-40	35-105	30-100	11	X+(F/2)	Y+(G/2)	10	
MIKF Electroless Nickel Plating	200	75	75	15	14	40-50	35-40	—	35-155	30-150	11	55	—	10	
		120	100			14	40-50	35-40	30-70	35-155	30-150	11	X+(F/2)	Y+(G/2)	10
		250	120			18	15	50-75	40-75	30-65	50-205	30-185	11	X+(F/2)	Y+(G/2)
AIKF Aluminum Casting	300	150	100	18	15	50-75	40-75	30-65	50-205	30-185	11	X+(F/2)	Y+(G/2)	10	
		350				50-75	40-75	30-65	50-255	30-235	11	X+(F/2)	Y+(G/2)	10	
		350				50-75	40-105	30-95	50-305	30-285	11	X+(F/2)	Y+(G/2)	10	
		400				50-75	40-105	30-95	50-355	30-335	11	X+(F/2)	Y+(G/2)	10	

⊕ Y+G≤H-15, X+F≤A-15 ⊖ When A=50 or 70, the ordering code X and F are not required. ⊖ When A=75, the ordering code F is not required. ⊖ When A=50, the ordering code B is not required. \*Except for A dimension, dimensions of A=50S is smaller than those of A=50.

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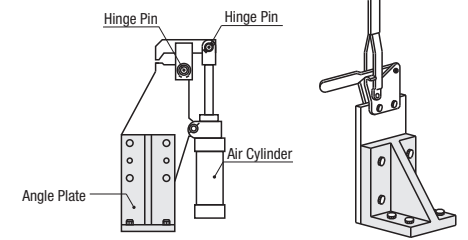
## Hole Position Specified Type, continued



**Part Number Example**  
 Part Number - A - B - X - F - Y - G  
 IKDF100 - A50S - - - - - Y40 - G40  
 BIKDF150 - A70 - B60 - - - - - Y50 - G100  
 AIKF150 - A100 - B60 - X35 - F40 - Y50 - G70



**Application Example**



Hole position can be specified according to the customer's workpiece.

H	A	Available Types							
		Through Holes				Through Holes & Dowel Holes			
		Cast Iron Class No.35		Aluminum Casting Alloy 514.0		Cast Iron Class No.35		Aluminum Casting Alloy 514.0	
		IKDF	BIKDF	MIKDF	AIKDF	IKF	BIKF	MIKF	AIKF
100	50S	•	•	•	—	•	•	•	—
	50	•	•	•	•	•	•	•	•
	100	•	•	•	•	•	•	•	•
150	50	•	•	•	—	•	•	•	—
	70	•	•	•	•	•	•	•	•
	75	•	•	•	•	•	•	•	•
200	100	•	•	•	•	•	•	•	•
	75	•	•	•	—	•	•	•	—
	120	•	•	•	•	•	•	•	•
250	120	•	•	•	•	•	•	•	•
	300	•	•	•	•	•	•	•	•
	350	•	•	•	•	•	•	•	•
400	150	•	•	•	•	•	•	•	•
	400	•	•	•	•	•	•	•	•



**Part Number Alterations**  
 Part Number - A - B - X - F - Y - G - (MC / HK / HD / AK / AD)  
 IKF200 - A120 - B70 - X40 - F40 - Y50 - G100 - MC - HD6

Alterations	Changes the Tapped Holes on the Mounting Surface (Side H)	Changes the Through Hole Dia. on the Mounting Surface (Side H)	Changes the Dowel Hole Dia. on the Mounting Surface (Side H)	Changes the Through Hole Dia. on the Base Surface (Side A)	Changes the Dowel Hole Dia. on the Base Surface (Side A)
	Code	MC	HK	HD	AK
Spec.	Changes the holes 4-d (Through Holes) on side H to tapped holes.	Changes the holes 4-d (Through Holes) on side H to small diameter.	Changes the through hole 2-D <sub>H7</sub> (Dowel Hole) on side H to small diameter.	Changes the holes 2-d or 4-d (Through Holes) on side A to small diameter.	Changes the through hole 2-D <sub>H7</sub> (Dowel Hole) on side A to small diameter.
	Ordering Code: MC ⊗ Combination with HK is not available.	Ordering Code: HK5.5 ⊗ Combination with MC is not available.	Ordering Code: HD8 ⊕ Applicable to Through Hole and Dowel Hole Type only.	Ordering Code: AK9	Ordering Code: AD8 ⊕ Applicable to Through Hole and Dowel Hole Type only (Except A=50)