Angle Plates
Mounting Hole Selectable, Hole Position Fixed

Features:
Combinations not standardized in other pages such as slotted holes and tapped holes are available as desired.

Slotted Hole

Type Side A Shape Side H Shape Side W Shape Material Surface Treatment
IK Slotted Hole X Direction Slotted Hole Y Direction Slotted Hole Z Direction Electroless Nickel Plating
MIK Slotted Hole X Direction Slotted Hole Y Direction Slotted Hole Z Direction Electroless Nickel Plating
A IK MIK

Mounting Hole Selectable, Hole Position Fixed

Angle Plates

Features:
Tapped hole position on the mounting surface (side H) can be specified according to the workpiece.

Mounting Surface Tapped, Mounting Hole Position Configurable

Type Material Surface Treatment
IKFT IKFTB IKFTM IKFTA

When A≤75 or less When A≥100 or more

Angle Plates Tapped, Mounting Surface Tapped

Part Number Closest Standard Value

Part Number H P Y G M W TT

IKFT IKFTB IKFTM IKFTA

Material

EN-JL 1040 Equiv.: Surface treatment is not applied to the machined surfaces (Side H, Side A, Side Surface) and holes.

Surface Treatment

Primer Paint (Gray)

Black Oxide

Electroless Nickel Plating

For tapped holes on mounting surface can be specified according to the workpiece.

Drawing Example

Part Number A 1mm Increment

Part Number A P Y G M

IKFTB

IKFTM

IKFTA

IKFT

Part Number Closest Standard Value

Part Number A 1mm Increment

Part Number A P Y G M

IKFT

IKFTB

IKFTM

IKFTA

Surface Treatment

Primer Paint (Gray)

Black Oxide

Electroless Nickel Plating

When A=100 or more

When A=100 or more

Date

IKFTB

IKFTM

IKFTA

IKFT

Material

EN-JL 1040 Equiv.: Surface treatment is not applied to the machined surfaces (Side H, Side A, Side Surface) and holes.

Surface Treatment

Primer Paint (Gray)

Black Oxide

Electroless Nickel Plating

For tapped holes on mounting surface can be specified according to the workpiece.

Features:
Tapped hole position on the mounting surface (side H) can be specified according to the workpiece.
# Angle Plates

## Hole Position Configurable

### Features:
- Hole position on both the mounting surface (side H) and the base surface (side A) can be selected. (Hole Dia can be changed based on alteration.)

### Mounting Hole Configurable

<table>
<thead>
<tr>
<th>Part Number</th>
<th>A</th>
<th>B</th>
<th>X</th>
<th>F</th>
<th>Y</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKDF100</td>
<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
<tr>
<td>BIKDF100</td>
<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
<tr>
<td>MIKDF100</td>
<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
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<td>G00</td>
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<td>X00</td>
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<td>Y00</td>
<td>G00</td>
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<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
</tbody>
</table>

### Through Holes

When A=75 or less

When A=100 or more

### Through Holes and Dowel Holes

When A=75 or less

When A=100 or more

### Through Hole Over Tapped Holes

When A=50 or 70, the ordering code X and F are not required.

### Angle Plate Body Through Hole Dowel Hole

Hinge Pin

Example

Hole position can be specified according to the workplace.

### Dimensions

- When A=50 or 70, the ordering code X and F are not required.
- When A=75, the ordering code F is not required.

### Table of Dimensions

<table>
<thead>
<tr>
<th>Part Number</th>
<th>A</th>
<th>B</th>
<th>X</th>
<th>F</th>
<th>Y</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
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<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
<tr>
<td>MIKDF100</td>
<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
<tr>
<td>AIKDF100</td>
<td>A00</td>
<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
<tr>
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<td>Y00</td>
<td>G00</td>
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<tr>
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<td>F00</td>
<td>Y00</td>
<td>G00</td>
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<tr>
<td>MIKF100</td>
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<td>B00</td>
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<td>F00</td>
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<td>B00</td>
<td>X00</td>
<td>F00</td>
<td>Y00</td>
<td>G00</td>
</tr>
</tbody>
</table>

### Notes

- For A dimension, dimensions of A=50S is smaller than those of A=50.

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**Aluminum Casting: EN-JL 1040 Equiv.*
## Angle Plates
### Side A (Base Surface) Machining Configurable

- **Features:** Can be used in row limited installation space because both the base surface (A dimension) and width (B dimension) can be specified. Hole (Da) can be changed based on alternatives.
- **Surface Machining Selection:** Through Hole / Through Hole and Dowel Hole
- **Surface Treatment:** Primer Paint (Gray)

### Angle Plates
### Opposite Angle Dowel Holes / Wide

- **Features:** Through hole diameter and dowel hole diameter are selectable. Select them depending on the application.
- **Opposite Angle Dowel Holes:**
  - **Type:** MIKCK
  - **Surface Treatment:** Primer Paint (Gray)

### Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Side A</th>
<th>Side H</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKB</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AKKB</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Diagram
Welded Angle Plates
Compact, No Hole

- **Features:** The most compact dimensions of both base surface (A dimension) and width (W dimension) are available. Select according to installation space.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>W</th>
<th>H</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRWS (No Treatment)</td>
<td>50</td>
<td>50-250</td>
<td>10</td>
</tr>
<tr>
<td>BRWB (Black Oxide)</td>
<td>60</td>
<td>50-250</td>
<td>10</td>
</tr>
<tr>
<td>BRWM (Electroless Nickel Plating)</td>
<td>70</td>
<td>50-250</td>
<td>10</td>
</tr>
<tr>
<td>BRWF (Stainless Steel)</td>
<td>80</td>
<td>50-250</td>
<td>10</td>
</tr>
</tbody>
</table>

**Unit Price**

<table>
<thead>
<tr>
<th>A</th>
<th>W</th>
<th>BRWS</th>
<th>BRWB</th>
<th>BRWM</th>
<th>BRWF</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>60</td>
<td>80</td>
<td>100</td>
<td>120</td>
<td>150</td>
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<tr>
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<td>60</td>
<td>80</td>
<td>100</td>
<td>120</td>
<td>150</td>
</tr>
</tbody>
</table>

**Example**

- Conventional Product
- Compact

No Hole

- *Features:* The mounting hole pitch can be configured. In addition, change can be made to Dowel Holes, Through Holes, Tapped Holes or Slotted Holes based on alteration.

**Hole Position Configurable**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>A</th>
<th>W</th>
<th>T</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKYSB</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>IKYSA</td>
<td>100</td>
<td>100</td>
<td>10</td>
<td>6</td>
</tr>
</tbody>
</table>

**Unit Price**

<table>
<thead>
<tr>
<th>A</th>
<th>W</th>
<th>IKYSB</th>
<th>IKYSA</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>60</td>
<td>80</td>
<td>100</td>
</tr>
<tr>
<td>60</td>
<td>60</td>
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<td>100</td>
</tr>
<tr>
<td>80</td>
<td>60</td>
<td>80</td>
<td>100</td>
</tr>
</tbody>
</table>

**Example**

- Omit Dowel Holes
- Slotted Hole
- Tapped Hole
#### Angle Plates

**Cast Iron, Dimension Selectable**

- **Features:** Hole Diameter Selectable Type is also available for Through Hole Type and Through Holes and Dowel Holes Selectable Type.

<table>
<thead>
<tr>
<th>Part Number A</th>
<th>Angle Plate Body</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Hole</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IKFB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIKFB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MIKFB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Hole Machining Selection FB (No Hole)**

- When A=50
  - X0.02/100
- When A=60 or 70
  - X0.02/100

**Hole Machining Selection D, DM (Through Holes)**

- When A=50 or less
  - X0.02/100

**Hole Machining Selection S, SM (Through Holes and Dowel Holes)**

- When A=50 or less
  - X0.02/100

#### Angle Plates

**Aluminum / Stainless Steel / Dimension Fixed**

- **Features:** Weight reduction is possible as opposed to cast iron.

<table>
<thead>
<tr>
<th>Part Number A</th>
<th>Angle Plate Body</th>
<th>Through Hole</th>
<th>Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Hole</td>
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<td></td>
</tr>
<tr>
<td>AIKFB</td>
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<td></td>
</tr>
<tr>
<td>AIK</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Hole Machining Selection FB (No Hole)**

- When A=60 or 70
- When A=50
  - X0.05

**Hole Machining Selection D (Through Holes)**

- When A=50 or less
  - X0.02/100

**Hole Machining Selection S (Through Holes and Dowel Holes)**

- When A=50 or less
  - X0.02/100

**Material**

- Cast Iron
- Aluminum
- Stainless Steel

**Surface Treatment**

- Black Oxide
- Primer Paint (Gray)

**Portions without specific dimensions are same as FB (No Hole Type).**

---

* (*) Select A specification for Through Hole and Dowel Hole Diameter. Select A specification when A=100 or more. *(*) Select B specification for Through Hole and Dowel Hole Diameter. Select B specification when A=100 or more. *(*) Select C specification for Through Hole and Dowel Hole Diameter. Select C specification when A=100 or more. *(*) Select D specification for Through Hole and Dowel Hole Diameter. Select D specification when A=100 or more.