

# Angle Plates

Cast Iron, Dimension Selectable

# Angle Plates

Aluminum / Stainless Steel / Dimension Fixed

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

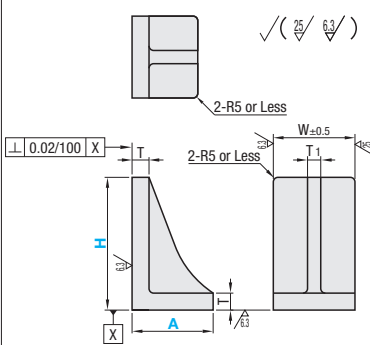


RoHS 10

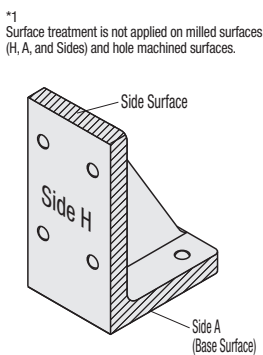
| Type | Hole Machining Selection                                  | Material          | Surface Treatment          |
|------|-----------------------------------------------------------|-------------------|----------------------------|
| IK   | FB (No Hole)                                              | EN-JL 1040 Equiv. | Primer Paint (Gray)        |
| BIK  | DM (Through Hole Diameter Fixed Type)                     |                   | Black Oxide                |
| MIK  | K (Through Hole and Dowel Hole Diameter Fixed Type)       |                   | Electroless Nickel Plating |
| KKM  | KM (Through Hole and Dowel Hole Diameter Selectable Type) |                   |                            |

⊗BIKDM and MIKKM are not selectable.  
\*1 Surface treatment is not applied to the machined surfaces and holes.

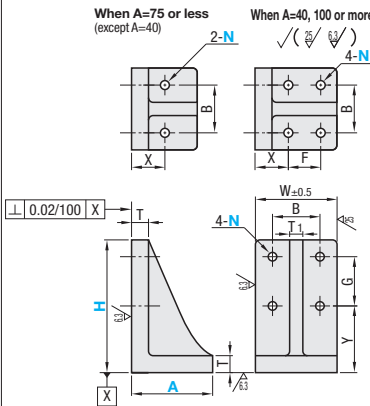
■Hole Machining Selection FB (No Hole)



| Part Number |     | Angle Plate Body |     |    |                | Unit Price |       |       |
|-------------|-----|------------------|-----|----|----------------|------------|-------|-------|
| Type        | H   | A                | W   | T  | T <sub>1</sub> | IKFB       | BIKFB | MIKFB |
| No Hole     | 60  | 40               | 30  | 8  | 6              |            |       |       |
|             |     | 40               | 30  | 8  | 6              |            |       |       |
|             |     | 50S              | 50  | 8  | 8              |            |       |       |
|             | 100 | 50               | 100 | 15 | 14             |            |       |       |
|             |     | 50               | 50  |    | 8              |            |       |       |
|             |     | 70               | 100 | 15 | 14             |            |       |       |
|             |     | 75               | 75  |    |                |            |       |       |
|             |     | 100              | 100 |    |                |            |       |       |
|             | 150 | 70               | 100 | 15 | 14             |            |       |       |
|             |     | 75               | 75  |    |                |            |       |       |
|             |     | 100              | 100 |    |                |            |       |       |
|             | 200 | 75               | 75  | 15 | 14             |            |       |       |



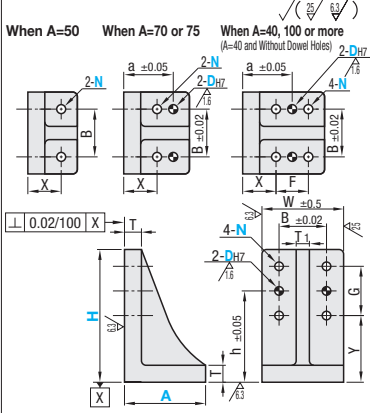
■Hole Machining Selection D, DM (Through Holes)



| Part Number                                      |     | A   | Angle Plate Body |    |                |     |                | Through Hole |    |     |     |    | Unit Price                  |      |      |                                  |       |
|--------------------------------------------------|-----|-----|------------------|----|----------------|-----|----------------|--------------|----|-----|-----|----|-----------------------------|------|------|----------------------------------|-------|
| Type                                             | H   |     | W                | T  | T <sub>1</sub> | N   | N (Selection)  | B            | X  | F   | Y   | G  | Through Hole Diameter Fixed |      |      | Through Hole Diameter Selectable |       |
| Through Holes                                    | 60  | 40  | 30               | 8  | 6              | 3.5 | -              | 20           | 15 | 15  | 30  | 20 | IKD                         | BIKD | MIKD | IKDM                             | MIKDM |
|                                                  | 100 | 40  | 30               | 8  | 6              | 3.5 | -              | 20           | 15 | 15  | 55  | 30 |                             |      |      | -                                | -     |
|                                                  |     | 50S | 50               |    | 8              | 9   |                | 30           | 35 | -   |     |    |                             |      |      |                                  |       |
|                                                  |     | 50  | 100              | 15 | 14             | 11  |                | 70           | 45 | 40  | 45  | 40 |                             |      |      |                                  |       |
|                                                  |     | 100 | 50               |    | 8              | 9   |                | 30           | 35 | -   |     |    |                             |      |      |                                  |       |
|                                                  |     | 50  | 100              | 15 | 14             | 11  |                | 70           | 40 | -   | 75  | 60 |                             |      |      |                                  |       |
|                                                  | 150 | 70  | 75               |    |                |     | 10<br>12<br>14 | 50           | 40 | -   |     |    |                             |      |      |                                  |       |
|                                                  |     | 75  | 75               |    |                |     |                | 70           | 45 | 40  |     |    |                             |      |      |                                  |       |
|                                                  |     | 100 | 100              |    |                |     |                | 50           | 40 | -   | 110 | 70 |                             |      |      |                                  |       |
|                                                  |     | 75  | 75               | 15 | 14             | 11  |                | 70           | 50 | 50  |     |    |                             |      |      |                                  |       |
| (Through Hole Diameter Selectable) <sup>2)</sup> | 200 | 75  | 75               |    |                |     | 50             | 40           | -  |     |     |    |                             |      |      |                                  |       |
|                                                  | 120 | 100 |                  |    |                |     | 70             | 50           | 50 |     |     |    |                             |      |      |                                  |       |
|                                                  | 250 | 120 |                  |    |                |     | 50             | 50           |    | 140 | 90  |    |                             |      |      |                                  |       |
|                                                  | 300 | 150 |                  |    |                |     |                |              |    | 190 |     |    |                             |      |      |                                  |       |
|                                                  | 350 | 150 |                  |    |                |     | 70             | 40           | 90 | 230 | 100 |    |                             |      |      |                                  |       |
|                                                  | 400 | 150 | 100              | 18 | 15             | 11  |                |              |    | 260 | 120 |    |                             |      |      |                                  |       |

\*2 Select N for Through Hole Diameter Selectable Types, IKDM and MIKDM.  
⊗ Portions without specific dimensions are same as FB (No Hole Type).

■Hole Machining Selection K, KM (Through Holes and Dowel Holes)



| Part Number                                       |     | Angle Plate Body |     |    |                |     | Through Hole     |    |    |    |     |     |                 | Dowel Hole         |     | Unit Price |     |      |      |      |       |  |
|---------------------------------------------------|-----|------------------|-----|----|----------------|-----|------------------|----|----|----|-----|-----|-----------------|--------------------|-----|------------|-----|------|------|------|-------|--|
| Type                                              | H   | A                | W   | T  | T <sub>1</sub> | N   | N<br>(Selection) | B  | X  | F  | Y   | G   | D <sub>H7</sub> | Dir<br>(Selection) | a   | h          | IKK | BIKK | MIKK | IKKM | BIKKM |  |
| Through Holes and Dowel Holes                     | 60  | 40               | 30  | 8  | 6              | 3.5 | -                | 20 | 15 | 15 | 30  | 20  | 3               | -                  | -   | 40         |     |      |      | -    | -     |  |
|                                                   |     | 40               | 30  | 8  | 6              | 3.5 | -                | 20 | 15 | 15 |     |     | 3               | -                  |     | 70         |     |      |      |      |       |  |
|                                                   | 100 | 50S              | 50  |    | 8              | 9   |                  | 30 | 35 | -  | 55  | 30  | 6               |                    | -   |            |     |      |      |      |       |  |
|                                                   |     | 50               | 100 | 15 |                | 14  | 11               |    | 70 | 45 | 40  | 45  | 40              | 10                 |     | 65         | 65  |      |      |      |       |  |
| (Through Hole and Dowel Hole Diameter Fixed)      |     | 50               | 50  |    | 8              | 9   |                  | 30 | 35 |    |     |     | 6               |                    | -   |            |     |      |      |      |       |  |
| IKK<br>BIKK<br>MIKK                               | 150 | 70               | 100 | 15 |                | 14  | 11               | 10 | 70 | 40 | -   | 75  | 60              | 10                 | 6   | 8          | 55  | 105  |      |      |       |  |
|                                                   |     | 75               | 75  |    |                |     |                  | 50 | 70 | 45 | 40  |     |                 |                    |     | 65         | 65  |      |      |      |       |  |
|                                                   |     | 100              | 100 |    |                |     |                  | 50 | 40 | -  | 110 | 70  | 10              |                    | 65  | 75         | 145 |      |      |      |       |  |
|                                                   | 200 | 75               | 75  | 15 | 14             | 11  |                  | 70 | 50 | 50 |     |     |                 |                    | 75  | 75         |     |      |      |      |       |  |
| (Through Hole and Dowel Hole Diameter Selectable) |     | 120              | 100 |    |                |     |                  | 50 | 50 | 50 | 140 | 90  |                 |                    | 75  | 185        |     |      |      |      |       |  |
| IKKM<br>BIKKM                                     | 300 | 150              |     |    |                |     |                  | 70 | 50 | 50 |     | 90  |                 |                    | 75  | 235        |     |      |      |      |       |  |
|                                                   | 350 | 150              | 100 | 18 | 15             | 11  |                  | 40 | 90 |    | 230 | 100 | 10              |                    | 85  | 280        |     |      |      |      |       |  |
|                                                   | 400 | 150              |     |    |                |     |                  |    |    |    | 260 | 120 |                 |                    | 320 |            |     |      |      |      |       |  |
|                                                   |     |                  |     |    |                |     |                  |    |    |    |     |     |                 |                    |     |            |     |      |      |      |       |  |

\*3 Select N and DH7 for Through Hole and Dowel Hole Diameter Selectable Types, IKKM and BIKKM.  
\*4 When A=40, Dowel Hole is not provided on Base Surfaces (Side A).  
⊗ Portions without specific dimensions are same as FB (No Hole Type).

Ordering Example: Part Number - A - N - D  
IKFB350 - 150 - N10 - D8  
IKDM100 - 100 - N10 - D8  
BIKKM200 - 120 - N12 - D8

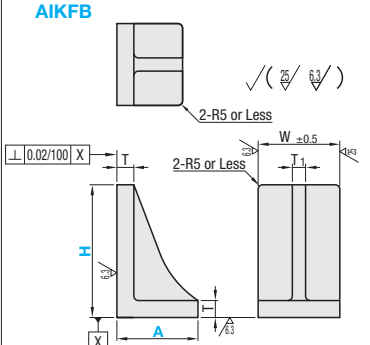
■Features: Weight reduction is possible as opposed to cast iron.



RoHS 10

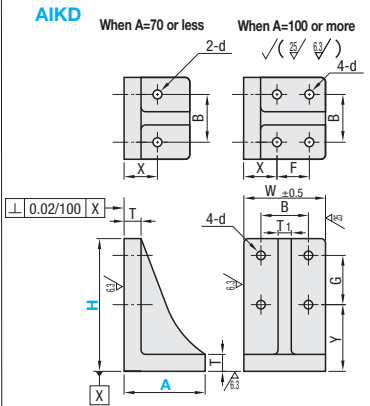
| Type | Hole Machining Selection                                               | Material                                                   |
|------|------------------------------------------------------------------------|------------------------------------------------------------|
| AIK  | FB (No Hole)<br>D (Through Holes)<br>K (Through Holes and Dowel Holes) | (W=60) EN AC-42200-T5 Equiv.<br>(W=100) EN AC-51300 Equiv. |

■Hole Machining Selection FB (No Hole)



| Part Number |     | Angle Plate Body |     |    |                | Unit Price |       |       |
|-------------|-----|------------------|-----|----|----------------|------------|-------|-------|
| Type        | H   | A                | W   | T  | T <sub>1</sub> | AIKFB      | BIKFB | MIKFB |
| No Hole     | 60  |                  |     |    |                |            |       |       |
|             | 70  | 60               | 60  | 10 | 10             |            |       |       |
|             | 80  |                  |     |    |                |            |       |       |
|             | 90  |                  |     |    |                |            |       |       |
|             | 100 | 50               | 100 | 15 | 14             |            |       |       |
|             |     | 60               | 60  | 10 | 10             |            |       |       |
|             |     | 100              | 100 | 15 | 14             |            |       |       |
|             | 150 | 70               | 100 | 15 | 14             |            |       |       |
|             |     | 100              |     |    |                |            |       |       |
|             | 200 | 120              | 100 | 15 | 14             |            |       |       |
|             |     | 120              | 100 | 18 | 15             |            |       |       |
|             | 300 |                  |     |    |                |            |       |       |

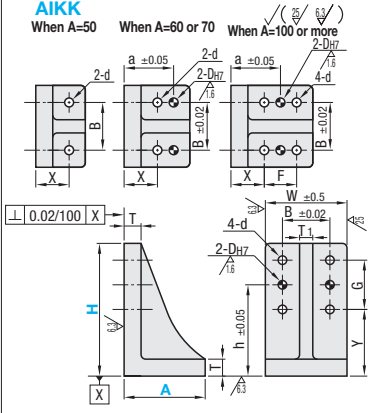
■Hole Machining Selection D (Through Holes)



| Part Number               |     | A   | Angle Plate Body |    |                | Through Hole |    |    |     |     |    | Unit Price |  |  |  |
|---------------------------|-----|-----|------------------|----|----------------|--------------|----|----|-----|-----|----|------------|--|--|--|
| Type                      | H   |     | W                | T  | T <sub>1</sub> | d            | B  | X  | F   | Y   | G  |            |  |  |  |
| Through Holes<br><br>AIKD | 60  | 60  | 60               | 10 | 10             | 6.5          | 35 | 30 | -   | 25  | 25 |            |  |  |  |
|                           | 70  |     |                  |    |                |              |    |    |     | 30  |    |            |  |  |  |
|                           | 80  |     |                  |    |                |              |    |    |     | 30  |    |            |  |  |  |
|                           | 90  |     |                  |    |                |              |    |    |     | 35  |    |            |  |  |  |
|                           | 50  | 100 | 15               | 14 | 11             | 70           | 35 | -  | 45  | 40  |    |            |  |  |  |
|                           | 60  | 60  | 10               | 10 | 6.5            | 35           | 30 | -  | 40  |     |    |            |  |  |  |
|                           | 100 | 100 | 15               | 14 | 11             | 70           | 45 | 40 | 45  |     |    |            |  |  |  |
|                           | 70  | 100 | 15               | 14 | 11             | 70           | 40 | -  | 75  | 60  |    |            |  |  |  |
|                           | 100 |     |                  |    |                |              |    |    |     |     |    |            |  |  |  |
|                           | 150 | 120 | 100              | 15 | 14             | 11           | 70 | 50 | 50  | 110 | 70 |            |  |  |  |
|                           | 200 | 120 | 100              | 18 | 15             | 11           | 70 | 50 | 50  | 140 | 90 |            |  |  |  |
|                           | 250 | 120 | 100              | 18 | 15             | 11           | 70 | 50 | 50  | 190 | 90 |            |  |  |  |
| 300                       | 150 | 100 | 18               | 15 | 11             | 70           | 40 | 90 | 230 |     |    |            |  |  |  |
| 350                       |     |     |                  |    |                |              |    |    | 100 |     |    |            |  |  |  |
| 400                       |     |     |                  |    |                |              |    |    | 120 |     |    |            |  |  |  |

⊗ Portions without specific dimensions are same as AIKFB (No Hole Type).

■Hole Machining Selection K (Through Holes and Dowel Holes)



| Part Number                   |     | Angle Plate Body |     |    |                | Through Hole |    |    |    |     |    |     |    |      |      | Unit Price |      |      |       |
|-------------------------------|-----|------------------|-----|----|----------------|--------------|----|----|----|-----|----|-----|----|------|------|------------|------|------|-------|
| Type                          | H   | A                | W   | T  | T <sub>1</sub> | d            | B  | X  | F  | Y   | G  | DH7 | a  | h    | AIKK | BIKK       | MIKK | IKKM | BIKKM |
| Through Holes and Dowel Holes | 60  |                  |     |    |                |              |    |    |    |     |    |     |    |      |      |            |      |      |       |
|                               | 70  | 60               | 60  | 10 | 10             | 6.5          | 35 | 30 | -  | 25  | 25 | 6   | 45 | 37.5 |      |            |      |      |       |
|                               | 80  |                  |     |    |                |              |    |    |    | 30  | 30 |     |    | 42.5 |      |            |      |      |       |
|                               | 90  |                  |     |    |                |              |    |    |    | 35  | 35 |     |    | 50   |      |            |      |      |       |
|                               | 100 | 50               | 100 | 15 | 14             | 11           | 70 | 35 | -  | 45  | 45 | 10  | -  | 65   |      |            |      |      |       |
|                               |     | 60               | 60  | 10 | 10             | 6.5          | 35 | 30 | -  | 40  | 40 | 6   | 45 | 60   |      |            |      |      |       |
|                               |     | 100              | 100 | 15 | 14             | 11           | 70 | 45 | 40 | 45  |    | 10  | 65 | 65   |      |            |      |      |       |
|                               | 150 | 70               | 100 | 15 | 14             | 11           | 70 | 40 | -  | 75  | 60 | 10  | -  | 105  |      |            |      |      |       |
|                               |     | 100              |     |    |                |              |    |    |    |     |    |     |    |      |      |            |      |      |       |
|                               | 200 | 120              | 100 | 15 | 14             | 11           | 70 | 50 | 50 | 110 | 70 | 10  | 75 | 145  |      |            |      |      |       |
|                               |     | 120              | 100 | 18 | 15             | 11           | 70 | 50 | 50 | 140 | 90 | 10  | 75 | 185  |      |            |      |      |       |
|                               | 300 |                  |     |    |                |              |    |    |    | 190 | 90 |     |    | 235  |      |            |      |      |       |

⊗ Portions without specific dimensions are same as AIKFB (No Hole Type).

Ordering Example: Part Number - A  
AIKFB70 - 60