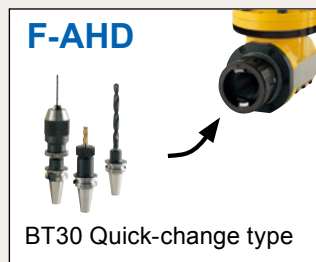


# FLANGE type

**Heavy cutting is possible by mounting the angle head flange type directly on the machine spindle surface.**

▷ This angle head is applicable to heavy cutting by mounting to the machine spindle.



| Type  | Chucking range | Gear ratio                 | MAX. min <sup>-1</sup>             |
|-------|----------------|----------------------------|------------------------------------|
|       |                | Main spindle : Angle shaft | Main spindle(CCW):Angle shaft(CCW) |
| AHA20 | φ 5.8～20       | 1 : 0.81                   | 3000 : 2430                        |
| AHA25 | φ 5.8～25       | 1 : 0.96                   | 2500 : 2400                        |
| AHD30 | BT30 tools     | 1 : 0.96                   |                                    |



Fig. 1

AHA

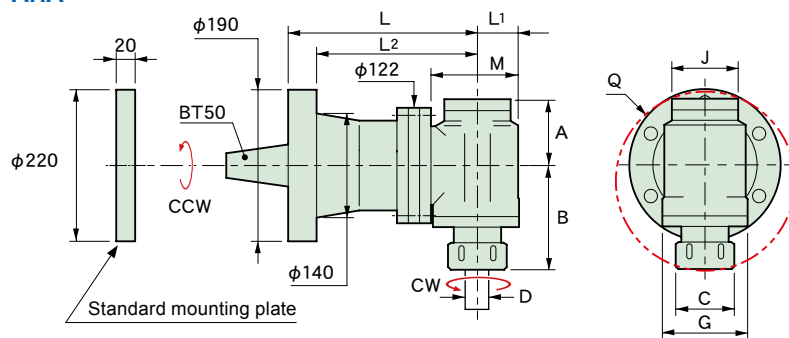
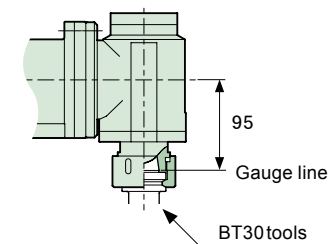


Fig. 2

AHD



| CODE            | Fig. | φD     | L   | L <sub>1</sub> | L <sub>2</sub> | M  | A  | B   | G  | φC | J  | φQ  | Shank type | Kg   |     |
|-----------------|------|--------|-----|----------------|----------------|----|----|-----|----|----|----|-----|------------|------|-----|
| F190-AHA20 -200 | 1    | 5.8~20 | 200 | 40             | 160            | 92 | 65 | 95  | 88 | 50 | 65 | 171 | —          | 18   | C20 |
|                 |      |        | 350 |                | 310            |    |    |     |    |    |    |     |            | 28   |     |
|                 |      | 5.8~25 | 200 | 44             | 160            | 97 | 70 | 110 | 90 | 62 | 70 | 193 | —          | 18.5 | C25 |
|                 |      |        | 350 |                | 310            |    |    |     |    |    |    |     |            | 28.5 |     |
| -AHA25 -200     | 1    | 5.8~25 | 200 | 44             | 160            | 97 | 70 | 110 | 90 | 62 | 70 | 193 | —          | 18.5 | C25 |
|                 |      |        | 350 |                | 310            |    |    |     |    |    |    |     |            | 28.5 |     |
|                 |      |        | 350 |                | 310            |    |    |     |    |    |    |     |            | 28.5 |     |
| -AHD30 -200     | 2    | —      | 200 | 44             | 160            | 97 | 70 | 110 | 90 | 62 | 70 | 193 | —          | 19.6 | —   |
|                 |      |        | 350 |                | 310            |    |    |     |    |    |    |     |            | 29.8 |     |

## Option

- Spring collet→P.19 •Retention knob →P.67

## Std. Access.

- A complete set of spanners and wrenches
- Standard mounting plate(No mounting holes are provided.)
- Mounting bolts for ANGLE HEAD

## Note

- NT50U shank is also available.

## Caution

- For mounting plate shapes and mounting bolt location, contact the machine manufacturer or MST.
- The machine spindle and angle shaft should rotate in reverse directions, so make sure the spindle rotates in the reverse direction.
- For precautions and maintenance, refer to page 121.