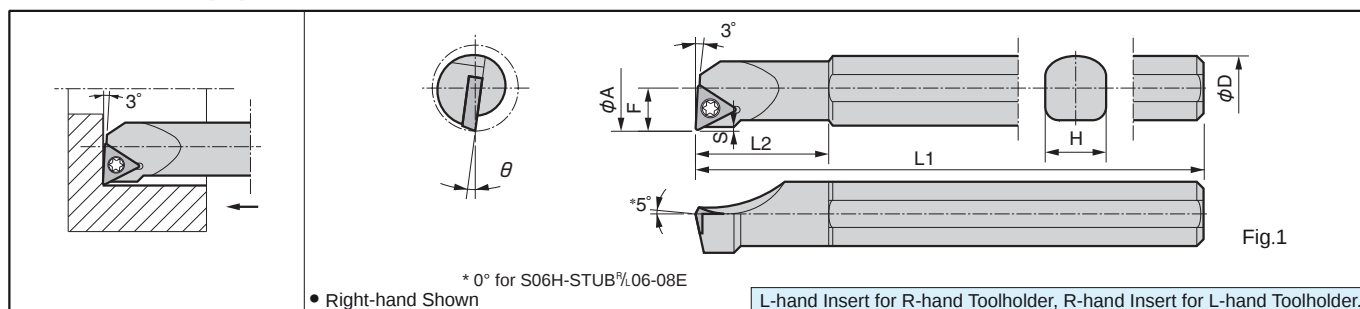


## Boring Bar [TB □□ / TP □□ Insert]

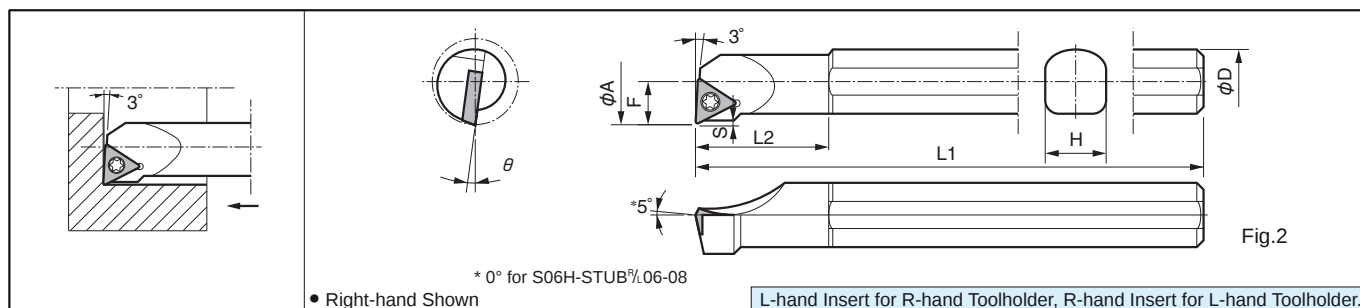
## S...STUP(B)-E Excellent Bar (Boring)

Max. Overhang Length L/D≈5



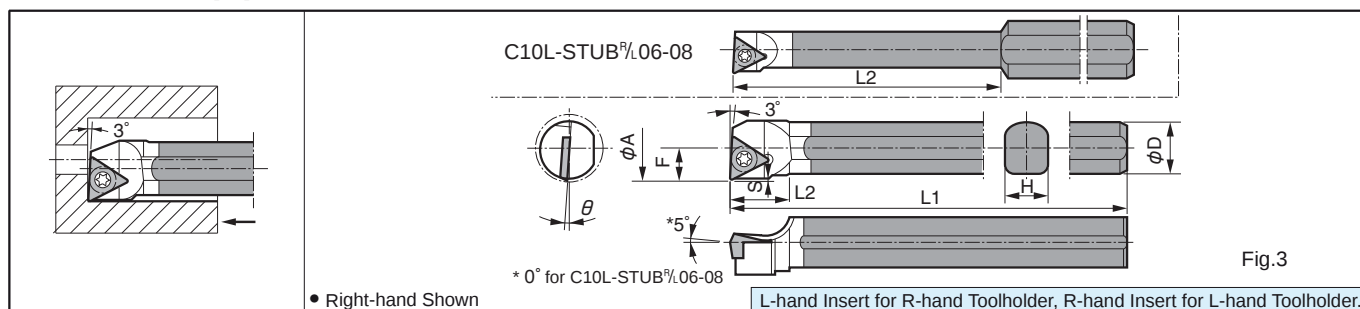
## S...STUP(B) Steel Bar (Boring)

Max. Overhang Length L/D≈5



## C...STUP(B) Carbide Shank Bar (Boring)

Max. Overhang Length L/D≈7



## Toolholder Dimensions

| Description                     | (Previous Description)        | Std. |   | Min.<br>Bore Dia. | Dimension (mm) |      |     |    |    |    |      |     | θ   | Standard Corner-R (r) | Drawing | Spare Parts |             |
|---------------------------------|-------------------------------|------|---|-------------------|----------------|------|-----|----|----|----|------|-----|-----|-----------------------|---------|-------------|-------------|
|                                 |                               | R    | L |                   | øA             | øD   | H   | L1 | L2 | L3 | L4   | F   |     |                       |         | S           | Clamp Screw |
|                                 |                               |      |   |                   |                |      |     |    |    |    |      |     |     |                       |         |             |             |
| S06H-STUB <sup>R/L</sup> 06-08E | STUB <sup>R/L</sup> 0806B-06E | ●    | ● | 8                 | 6              | 5.4  | 100 | 12 | -  | -  | 4    | 0.6 | 12° | 0.2                   | Fig.1   | SB-1STR     | FT-6        |
| S08K-STUP <sup>R/L</sup> 08-10E | STUP <sup>R/L</sup> 1008B-08E | ●    | ● | 10                | 8              | 7    | 125 | 17 | -  | -  | 5    | 0.4 | 10° | 0.4                   |         | SB-1TR      |             |
| S10M-STUP <sup>R/L</sup> 09-12E | 1210B-09E                     | ●    | ● | 12                | 10             | 9    | 150 | 20 | -  | -  | 6    | 0.5 | 8°  | 0.4                   |         | SB-2TR      | FT-8        |
| S12M-STUP <sup>R/L</sup> 09-16E | 1612B-09E                     | ●    | ● | 16                | 12             | 11   | 150 | 25 | -  | -  | 8    | 0.5 | 5°  | 0.4                   |         |             |             |
| S10M-STUP <sup>R/L</sup> 11-12E | 1210B-11E                     | ●    | ● | 12                | 10             | 9    | 150 | 20 | -  | -  | 6    | 0.5 | 8°  | 0.4                   |         | SB-3TR      | FT-10       |
| S12M-STUP <sup>R/L</sup> 11-14E | 1412B-11E                     | ●    | ● | 14                | 12             | 11   | 150 | 25 |    |    | 7    | 0.6 | 7°  |                       |         |             |             |
| STUP <sup>R/L</sup> 11-16E      | 1612B-11E                     | ●    | ● | 16                |                |      |     | 8  |    |    | 0.5  | 5°  |     |                       |         |             |             |
| S16R-STUP <sup>R/L</sup> 11-18E | 1816B-11E                     | ●    | ● | 18                |                |      |     | 9  |    |    | 0.7  | 4°  |     |                       |         |             |             |
| STUP <sup>R/L</sup> 11-20E      | 2016B-11E                     | ●    | ● | 20                | 16             | 15   | 200 | 27 |    |    | 10   | 0.9 | 3°  |                       |         |             |             |
| S20X-STUP <sup>R/L</sup> 11-25E | 2520B-11E                     | ●    | ● | 25                | 20             | 19   | 220 | 33 |    |    | 12.5 | 0.9 | 0°  | 0.8                   |         | SB-4TR      | FT-15       |
| S20X-STUP <sup>R/L</sup> 16-25E | 2520B-16E                     | ●    | ● | 25                | 20             | 19   | 220 | 33 | -  | -  | 12.5 | 0.9 | 0°  |                       |         |             |             |
| S25X-STUP <sup>R/L</sup> 16-32E | 3225B-16E                     | ●    | ● | 32                | 25             | 23.4 | 270 | 42 |    |    | 16   | 0.6 | 0°  |                       |         |             |             |
| S06H-STUB <sup>R/L</sup> 06-08  | STUB <sup>R/L</sup> 0806B-06  | ●    | ● | 8                 | 6              | 5.4  | 100 | 12 | -  | -  | 4    | 0.6 | 12° | 0.2                   | Fig.2   | SB-1STR     | FT-6        |
| S08K-STUP <sup>R/L</sup> 08-10  | STUP <sup>R/L</sup> 1008B-08  | ●    | ● | 10                | 8              | 7    | 125 | 17 | -  | -  | 5    | 0.4 | 10° | 0.4                   |         | SB-1TR      | FT-6        |
| S10M-STUP <sup>R/L</sup> 09-12  | 1210B-09                      | ●    | ● | 12                | 10             | 9    | 150 | 20 | -  | -  | 6    | 0.5 | 8°  | 0.4                   |         | SB-2TR      | FT-8        |
| S12M-STUP <sup>R/L</sup> 09-16  | 1612B-09                      | ●    | ● | 16                | 12             | 11   | 150 | 25 | -  | -  | 8    | 0.5 | 5°  |                       |         |             |             |
| S16Q-STUP <sup>R/L</sup> 11-20  | 2016B-11                      | ●    | ● | 20                | 16             | 15   | 180 | 27 | -  | -  | 10   | 0.9 | 3°  | 0.4                   |         | SB-3TR      | FT-10       |
| S20R-STUP <sup>R/L</sup> 11-25  | 2520B-11                      | ●    | ● | 25                | 20             | 19   | 200 | 33 | -  | -  | 12.5 | 0.9 | 0°  |                       |         |             |             |
| S25X-STUP <sup>R/L</sup> 16-32  | 3225B-16                      | ●    | ● | 32                | 25             | 23.4 | 220 | 42 | -  | -  | 16   | 0.6 | 0°  | 0.8                   |         | SB-4TR      | FT-15       |

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)