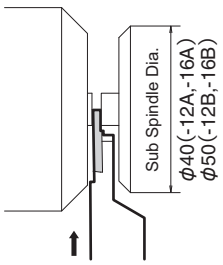
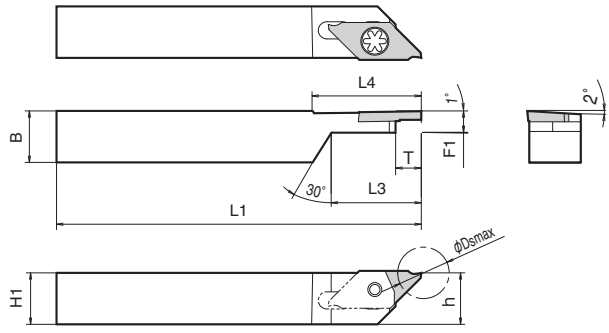
# Cut-Off Toolholders (for sub spindle tooling)

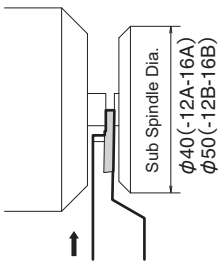
## KTKFS (For Small diameter cut-off)

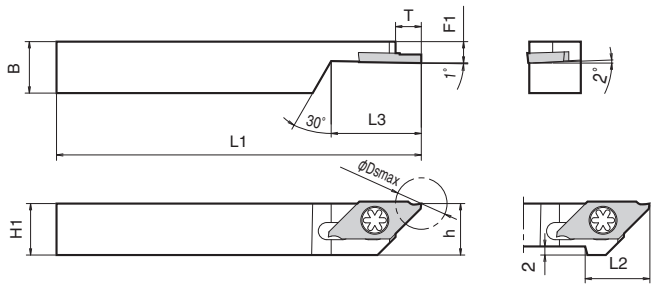



●Right-hand Shown

R-hand Insert for R-hand Toolholder.




KTKFS$^{R/L}$1010K-12A
KTKFS$^{R/L}$1010K-16A
only for left shape.

●Left-hand Shown

L-hand Insert for L-hand Toolholder.

### Toolholder Dimensions

| Description | | Std. R | Std. L | Cutting Dia. øDsmax | Dimension (mm) H1=h | B | L1 | L2 | L3 | *L4 | F1 | T | Spare Parts: Clamp Screw | Spare Parts: Wrench | Applicable Inserts ⇒H9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KTKFS$^{R/L}$ | 1010K-12A | ● | ● | 6~12 | 10 | 10 | 120 | 15 | 22 | 26 | 5 | 6 | SB-4050TRN | LTW-10S | TKFS12$^{R/L}$ |
| | 1212F-12A | ● | ● | | 12 | 12 | 85 | - | | | | | | | |
| | 1212K-12B | ● | ● | | | | 120 | | 26 | | | | | | |
| KTKFS$^{R/L}$ | 1010K-16A | ● | ● | 14~16 | 10 | 10 | 120 | 20 | 22 | 30 | 5 | 8 | SB-4050TRN | LTW-10S | TKFS16$^{R/L}$ |
| | 1212F-16A | ● | ● | | 12 | 12 | 85 | - | | | | | | | |
| | 1212K-16B | ● | ● | | | | 120 | | 26 | | | | | | |

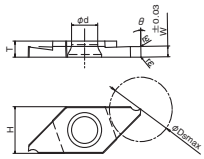
- Dimension T shows the distance from the Toolholder to the cutting edge. ⇒H8 for the actual cutting diameter.

For recommended cutting conditions, see page ⇒H11

- Cutting diameter (øDmax) depends on the insert grooving width.

* Only R-hand is available for L4 dimension.

## TKFS (øDmax)

| Insert (Handed insert indicates Left-hand) | | Description | | Dimension (mm) W | øDsmax |
|---|---|---|---|---|---|
|  |  | TKFS12$^{R/L}$ | 100-S | 1.0 | 6 |
| | | | 150-S | 1.5 | 9 |
| | | | 200-S | 2.0 | 12 |
| | | TKFS16$^{R/L}$ | 150-S | 1.5 | 14 |
| | | | 200-S | 2.0 | 16 |

Note) As Fig.2 shows, the cutting diameter of the insert is indicated when the top of the cutting edge progresses 1mm from the center.

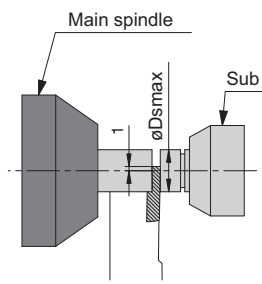



Fig.1

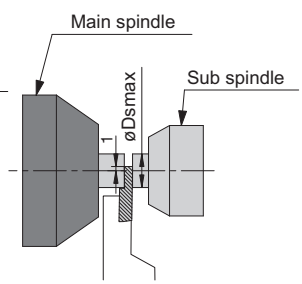



Fig.2

- As Fig.1 shows, use KTKFL (L-hand) for the distance between main spindle and sub spindle.
- As Fig.2 shows, KTKFS is recommended for small diameters and for the short distance between the main spindle and sub spindle.

● : Std. Item □ : Check Availability