







● Applicable Inserts (TKF16)

| Classification of usage | P | Carbon Steel / Alloy Steel | ☉ | ☺ | |
|--|---|----------------------------|---|---|---|
| ● : Continuous-Low Interruption / 1st Choice | M | Stainless Steel | ● | ☺ | |
| ☺ : Continuous-Low Interruption / 2nd Choice | K | Cast Iron | | | ● |
| ● : Continuous / 1st Choice | N | Non-ferrous Metals | | | ● |
| ○ : Continuous / 2nd Choice | | | | | |

| Insert Handed Insert shows Right-hand | Description | Dimension (mm) | | | | | | Angle (°) | MEGA COAT | | PVD Coated Carbide | | Carbide | | Ref. Page for Toolholder |
|---|----------------------------------|----------------|-------------------|------|---|-----|----|-----------|-----------|---|--------------------|---|---------|---|--------------------------|
| | | W | øD _{max} | rε | T | H | ød | | PR1225 | | PR1025 | | KW10 | | |
| | | | | | | | | | R | L | R | L | R | L | |
|  Right lead angle | TKF16 ^{R/L} 150-S-16DR | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 16° | ● | ● | ● | ● | ● | ● | H8 |
| | 200-S-16DR | 2.0 | | | | | | | ● | ● | ● | ● | ● | ● | |
|  | TKF16 ^{R/L} 150-S | 1.5 | 16 | 0.05 | 4 | 9.5 | 5 | 0° | ● | ● | ● | ● | ● | ● | |
| | 200-S | 2.0 | | | | | | | ● | ● | ● | ● | ● | ● | |
|  Right lead angle Tough Edge | TKF16 ^{R/L} 150-T-16DR | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 16° | ● | ● | | | | | |
| | 200-T-16DR | 2.0 | | | | | | | ● | ● | | | | | |
|  Tough Edge | TKF16 ^{R/L} 150-T | 1.5 | 16 | 0.08 | 4 | 9.5 | 5 | 0° | ● | ● | | | | | |
| | 200-T | 2.0 | | | | | | | ● | ● | | | | | |
|  Right lead angle / Without Chipbreaker | TKF16 ^{R/L} 150-NB-20DR | 1.5 | 16 | 0 | 4 | 9.5 | 5 | 20° | | | ● | ● | ● | ● | |
| | 200-NB-20DR | 2.0 | | | | | | | | | ● | ● | ● | ● | |
|  Without Chipbreaker | TKF16 ^{R/L} 150-NB | 1.5 | 16 | 0 | 4 | 9.5 | 5 | 0° | | | ● | ● | ● | ● | |
| | 200-NB | 2.0 | | | | | | | | | ● | ● | ● | ● | |

· Lead angle shows the angle when installed in toolholder.

· As Fig.1 of H8 shows, the cutting diameter of the insert is indicated when the top of the cutting edge progresses 1mm from the center.

● : Std. Item

Inserts are sold in 10 piece boxes.

