# SS Tools for Cutting off

## CTP Series  Max. Cut-off Dia. ～ 12.0㎜

### CTP

Screw accesssible from both sides
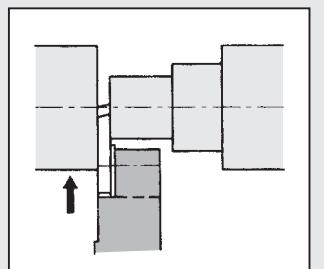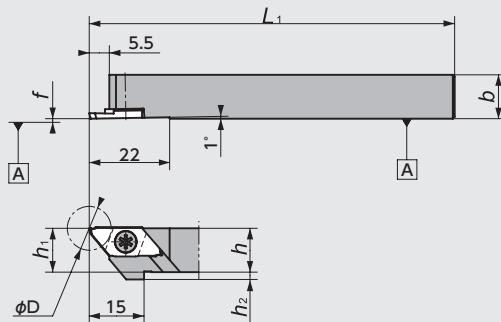
**Figure-1**

● Right-Hand style shown

### CTP-OH2

(Coolant through)
Screw accesssible from both sides

Coolant hole

Screw parts B : SS0505SC (M5)
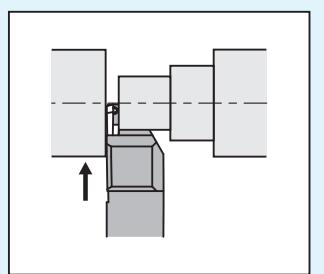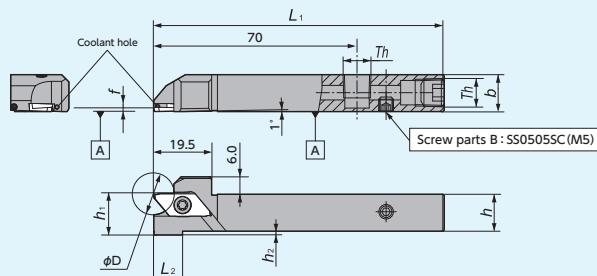
**Figure-2**  ● Left-Hand holders are designed for Right-Hand machines

**Th** (Screw parts A)
1212 size：SPR1/8 (Rc1/8)

● Right-Hand style shown

### CTP-OH

(Coolant through)
Screw accesssible from both sides

Coolant hole
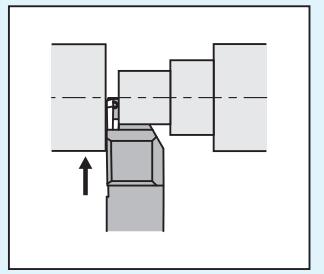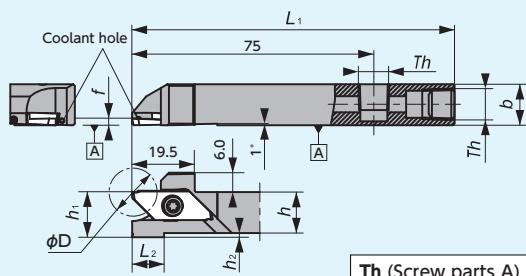
**Figure-3**  ● Left-Hand holders are designed for Right-Hand machines

**Th** (Screw parts A)
1012 size：SS0605SC (M6×1.0)
1212/1616 size：SPR1/8 (Rc1/8)

● Right-Hand style shown

### CTPR-SUB

**Figure-4**

**φDs**
CTPR-SUB : φ30㎜
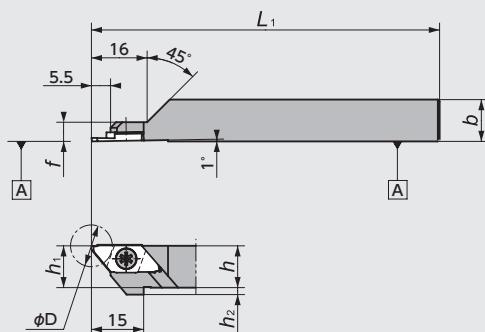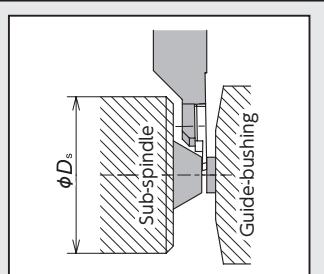
● Right-Hand style shown

### CTPL-SUB

**Figure-5**

**φDs**
CTPL-SUB : φ30㎜
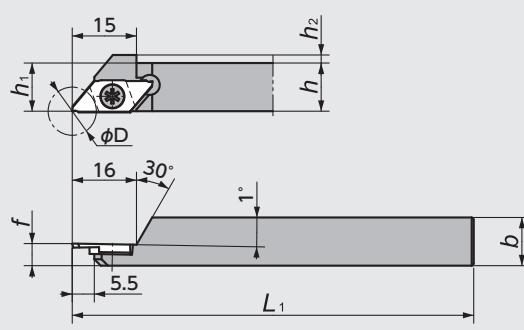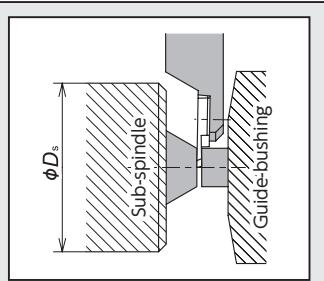
● Left-Hand style shown

# CTP Series - Toolholders

| Figure | Code No. R | Code No. L | Item Number | Stock R | Stock L | Max. Cut-off Dia (mm) φD | h | b | L₁ | h₁ | h₂ | L₂ | f | Gage insert | Clamp Screw | Wrench |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5131362 | 5131354 | CTPR/L 08 | ● | ● | 12.0※ | 8 | | 120 | 8 | 4 | 0 | 0.0 | CTP-CX CTP CTP-X CTPX G76~79 | LRIS-4*10PW (A) | CLR-15S (A) |
| | 5873849 | 5893458 | 10H | ● | ● | | 10 | 10 | 100 | 10 | 2 | 0 | | | | |
| | 5089644 | 5089636 | 10 | ● | ● | | | | 120 | | | | | | | |
| | 5459730 | 5459748 | 12GX | ● | ● | | 12 | 12 | 85 | 12 | | | | | LRIS-4*12PW (A) | |
| | 5089651 | 5089669 | 12 | ● | ● | | | | 120 | | | | | | | |
| | 5089677 | 5089685 | 13 | ● | ● | | 13 | 13 | | 13 | 0 | 0 | | | | |
| | 5459755 | | 16H | ● | | | 16 | 16 | 100 | 16 | | | | | | |
| | 5183496 | 5183504 | 16 | ● | ● | | | | 120 | | | | | | | |
| 2 | 5037874 | 5037866 | CTPR/L 12H-OH2 | ● | ● | 12.0※ | 12 | 12 | 100 | 12 | 2 | 10 | 1.5※ | CTP-CX CTP CTP-X CTPX G76~79 | LRIS-4*12PW (A) | CLR-15S (A) |
| 3 | 5921853 | 5921861 | CTPR/L 1012H-OH | ● | ● | 12.0※ | 10 | 12 | 100 | 12 | 4 | 19 | 1.5※ | CTP-CX CTP CTP-X CTPX G76~79 | LRIS-4*12PW (A) | CLR-15S (A) |
| | 5918651 | 5918040 | 12H-OH | ● | ● | | 12 | 12 | | 12 | 2 | 10 | | | | |
| | 5921879 | 5921887 | 16H-OH | ● | ● | | 16 | 16 | | 16 | 0 | 0 | | | | |
| 4 | 5571831 | | CTPR 08-SUB | ● | | 12.0※ | 8 | 8 | 120 | 8 | 4 | 0 | 5.5 | CTP-CX CTP-FR(N)(V)(NV) CTP-FRX (FRNX) CTPX-FR(N) G76~79 | LRIS-4*5 (B) | LLR-25S (B) |
| | 5607999 | | 08J-SUB | ● | | | | | 110 | | | | | | | |
| | 5391610 | | 10F-SUB | ● | | | 10 | 10 | 80 | 10 | 2 | 0 | | | | |
| | 5605282 | | 10KX-SUB | ● | | | | | 120 | | | | | | | |
| | 5474580 | | 12GX-SUB | ● | | | 12 | 12 | 85 | 12 | 0 | 0 | | | | |
| | 5391628 | | 12-SUB | ● | | | | | 120 | | | | | | | |
| 5 | | 5570791 | CTPL 08-SUB | | ● | 12.0※ | 8 | 8 | 120 | 8 | 4 | 0 | 5.5 | CTP-CX CTP-FLK CTP-FLKV CTP-FLN CTP-FLNV CTPX-FLN CTP-FLNX G76~79 | LRIS-4*5 (B) | LLR-25S (B) |
| | | 5608005 | 08J-SUB | | ● | | | | 110 | | | | | | | |
| | | 5499389 | 10GX-SUB | | ● | | 10 | 10 | 85 | 10 | 2 | 0 | | | | |
| | | 5482534 | 12GX-SUB | | ● | | 12 | 12 | | 12 | 0 | 0 | | | | |

Gage insert images: (A) Clamp Screw, (B) Clamp Screw; (A) Wrench, (B) Wrench

※ Would be changed by insert.

## ■ CTP Series - Inserts (Ground Chipbreaker : Strengthen edge with land style)

| Shape | Item Number | ※1 Max. Cut-off Dia (mm) φD | Dimensions (mm) | | | | PVD Coated Carbide | |
|---|---|---|---|---|---|---|---|---|
| | | | w | A | ※2 θ | rε | ZM3 | Stock |
| Right-Hand style shown | CTP15FRX | 12.0 | 1.5 | 0.46 | 16° | 0.05 | 5360847 | ● |
| | 20FRX | | 2.0 | 0.61 | | | 5360839 | ● |
| | CTP15FRNX | | 1.5 | — | 0° | | 5360813 | ● |
| | 20FRNX | | 2.0 | — | | | 5360821 | ● |

※1 : Max. cut-off diameter shows when X end point is 0.0. For more information, see page G67.
※2 : All angles shown are obtained when insert is set in the holder.

## ■ CTP Series - Inserts (Ground Chipbreaker : Strengthen edge with land style)

| Shape | Item Number | ※1 Max. Cut-off Dia (mm) φD | Dimensions (mm) | | | | PVD Coated Carbide | |
|---|---|---|---|---|---|---|---|---|
| | | | w | A | ※2 θ | rε | ST4 | Stock |
| Right-Hand style shown | CTP10FR-TH | 12.0 | 1.0 | 0.32 | 16° | 0.05 | 5038823 | ● |
| | CTP15FR-TH | | 1.5 | 0.46 | | | 5040118 | ● |
| | CTP20FR-TH | | 2.0 | 0.61 | | | 5040167 | ● |
| | CTP10FRN-TH | | 1.0 | — | 0° | | 5038849 | ● |
| | CTP15FRN-TH | | 1.5 | | | | 5040134 | ● |
| | CTP20FRN-TH | | 2.0 | | | | 5040183 | ● |
| | CTP10FLK-TH | 11.0 | 1.0 | 0.32 | 16° | | 5038856 | ● |
| | CTP15FLK-TH | | 1.5 | 0.46 | | | 5040142 | ● |
| | CTP20FLK-TH | | 2.0 | 0.61 | | | 5040191 | ● |
| | CTP10FLN-TH | 12.0 | 1.0 | — | 0° | | 5038864 | ● |
| | CTP15FLN-TH | | 1.5 | | | | 5040159 | ● |
| | CTP20FLN-TH | | 2.0 | | | | 5040209 | ● |

※1 : Max. cut-off diameter shows when X end point is 0.0. For more information, see page G67.
※2 : All angles shown are obtained when insert is set in the holder.

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