

Dynamic Bar [TC Insert]

A-STLC-AE Excellent Bar (Boring / Internal Facing)

Max. Overhang Length L/D=-5.5

• Right-hand Shown

L-hand Insert for R-hand Toolholder, R-hand Insert for L-hand Toolholder.

| Shank Dia. øD | Straight hole Dia. ød |
|---------------|-----------------------|
| ø8 | ø2.5 |
| ø10 | ø3 |
| ø12 | ø4 |
| ø16 | ø5 |
| ø20 | |

S-STLC-A Steel Bar (Boring / Internal Facing)

Max. Overhang Length L/D=-4

• Right-hand Shown

L-hand Insert for R-hand Toolholder, R-hand Insert for L-hand Toolholder.

Toolholder Dimensions

| Description | Std. | | Min. Bore Dia. øA | Dimension (mm) | | | | | | | | θ | Standard Corner-R (r) | Coolant Hole | Drawing | Spare Parts | |
|---------------|------|---|-------------------|----------------|----|-----|----|----|----|------|-----|-----|-----------------------|--------------|---------|-------------|--------|
| | R | L | | øD | H | L1 | L2 | L3 | L4 | F | S | | | | | Clamp Screw | Wrench |
| | | | | | | | | | | | | | | | | | |
| Excellent Bar | ● | ● | 10 | 8 | 7 | 120 | 16 | 22 | 16 | 5 | 0.5 | 14° | 0.4 | Yes | Fig.1 | SB-2250TR | FT-7 |
| | ● | ● | 12 | 10 | 9 | 140 | 20 | 26 | 20 | 6.2 | 0.9 | 12° | | | | | |
| | ● | ● | 14 | 12 | 11 | 150 | 24 | 30 | 25 | 7.2 | | 10° | | | | | |
| | ● | ● | 18 | 16 | 15 | 180 | 30 | 39 | 31 | 9.2 | 0.7 | 8° | | | | | |
| | ● | ● | 22 | 20 | 19 | 200 | 36 | 44 | 36 | 11.2 | | 6° | | | | | |
| Steel | ● | ● | 10 | 8 | 7 | 120 | 16 | 22 | 16 | 5 | 0.5 | 14° | 0.4 | No | Fig.2 | SB-2250TR | FT-7 |
| | ● | ● | 12 | 10 | 9 | 140 | 20 | 26 | 20 | 6.2 | 0.9 | 12° | | | | | |
| | ● | ● | 14 | 12 | 11 | 150 | 24 | 30 | 25 | 7.2 | | 10° | | | | | |
| | ● | ● | 18 | 16 | 15 | 180 | 30 | 39 | 31 | 9.2 | 0.7 | 8° | | | | | |
| | ● | ● | 22 | 20 | 19 | 200 | 36 | 44 | 36 | 11.2 | | 6° | | | | | |

Applicable Inserts

| Applications | Finishing-Medium | | | | | | | | | | | | | | | | |
|---------------------------------|------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Ref. Page | B63 | | | | | | | | | | | | | | | | |
| Insert | HQ | | | | | | | | | | | | | | | | |
| Toolholder | | | | | | | | | | | | | | | | | |
| ...-STLC ^{R/L} /09-... | TCMT0902.. | | | | | | | | | | | | | | | | |
| ...-STLC ^{R/L} /11-... | TCMT1102.. | | | | | | | | | | | | | | | | |

For recommended cutting conditions, see page F82-F83

● : Std. Item □ : Check Availability

