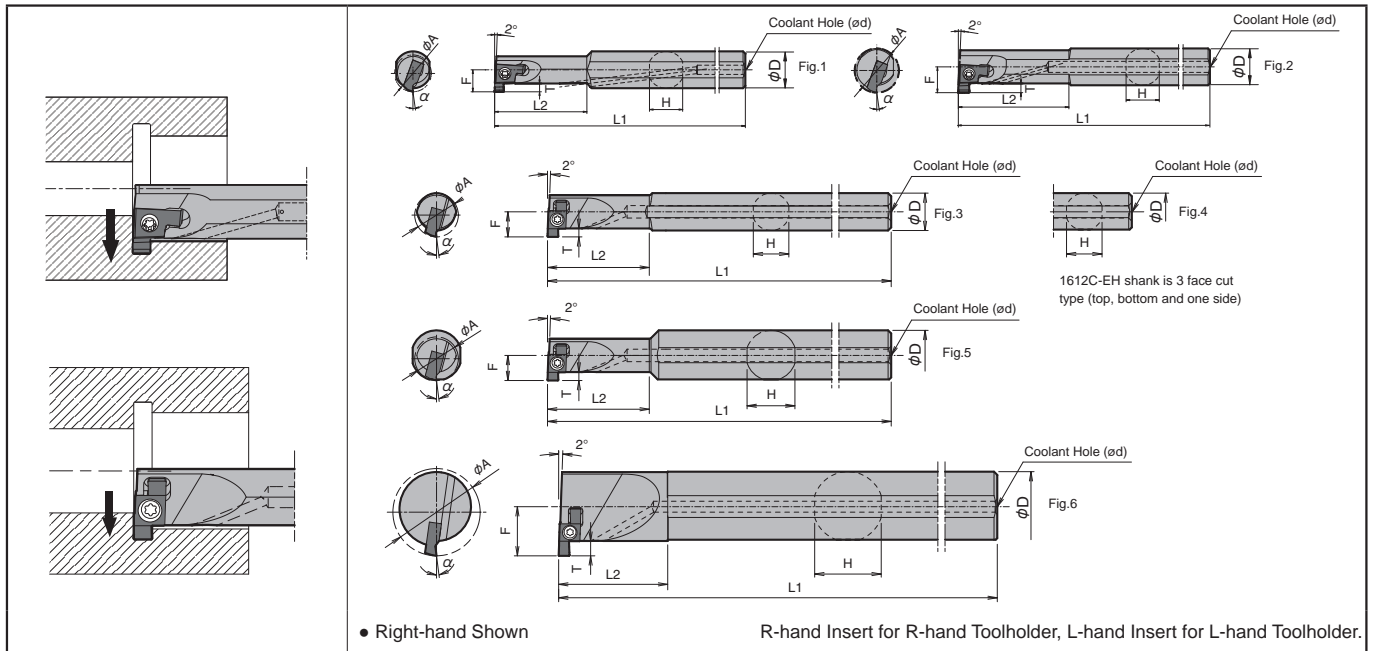


Internal Grooving SIGE

SIGE-EH Excellent Bar (with Coolant Hole)



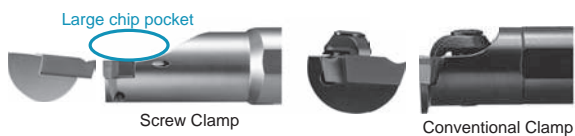
Toolholder Dimensions

| Description | Std. | | Min. Cutting Dia. | Dimension (mm) | | | | | | | Drawing | Spare Parts | | | Applicable Inserts | |
|-----------------------------------|------|---|-------------------|----------------|------|-----|----|------|-----|-------|----------------|-------------|-------------|---|---|----|
| | R | L | | øA | øD | H | L1 | L2 | F | T | | ød | Clamp Screw | Wrench | | |
| | | | | | | | | | | | | | | FT | | DT |
| SIGE[®]/ 0808A-EH | ● | ● | 8 | 8 | 7.2 | 100 | 20 | 4.8 | 1.5 | 3 | Fig.1 | SB-2045TRN | FT-6 | - | GE [®] /100-005A-GE [®] /200-010A GER100-050AR-GER200-100AR | |
| 1010B-EH | ● | ● | 10 | 10 | 9 | 125 | 25 | 6.2 | 2.2 | 3 | Fig.1 Fig.2 | SB-2255TR | - | DT-7 | GE [®] /100-005B-GE [®] /300-020B GER100-050BR-GER200-100BR | |
| 1210B-EH | ● | ● | 12 | | | | 30 | 7 | | | | | | | | |
| 1412C-EH | ● | ● | 14 | 12 | 11.4 | 150 | 33 | 8 | 2.5 | 4 | Fig.3 Fig.4 | SB-2570TR | FT-8 | - | GE [®] /100-005C-GE [®] /350-020C GER150-010CM-GER350-020CM GER200-100CR-GER300-150CR | |
| 1612C-EH | ● | ● | 16 | | | | 20 | 8.5 | | | | | | | | |
| 1616C-EH | ● | ● | 16 | 16 | 15 | 160 | 36 | 9 | 5 | Fig.5 | SB-3080TR | FT-10 | - | GE [®] /100-005D-GE [®] /400-020D GER150-010DM-GER400-020DM GER200-100DR-GER300-150DR | | |
| 2020D-EH | ● | ● | 20 | 20 | 19 | 180 | 40 | 12.1 | | | | | | | 4.5 | 5 |
| 2525E-EH | ● | ● | 25 | 25 | 24 | 200 | 45 | 15.6 | 6.5 | 5 | Fig.6 | SB-4085TR | FT-15 | - | GE [®] /100-005E-GE [®] /500-020E GER150-010EM-GER500-020EM | |
| 3232E-EH | ● | ● | 32 | 32 | 30.4 | 220 | 55 | 19 | | | | | | | | |
| 4032E-EH | ● | ● | 40 | 32 | 30.4 | 250 | 45 | 23 | | | | | | | | |

• Dimension T: shows available grooving depth.

Features

- Large chip pocket, screw clamp toolholder design enables excellent chip evacuation..



- Cost effective chip control from a molded chipbreaker



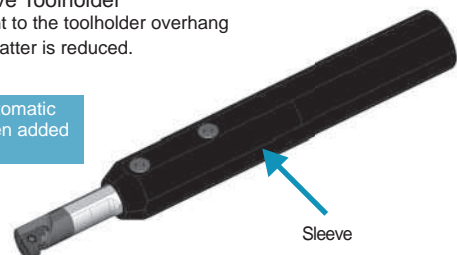
- SIGE toolholder and Sleeve for Automatic Lathes

- SIGE toolholder
The locating surface of the sleeve lock screw nearly reaches the insert pocket.
This provides a maximum range of overhang adjustment to reduce chatter.



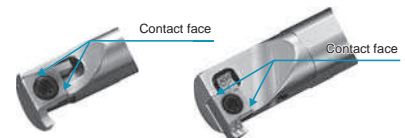
- Applicable Sleeve Toolholder
Enables adjustment to the toolholder overhang so vibration and chatter is reduced.

Shank diameters of other automatic lathe manufactures have been added to the stock items.

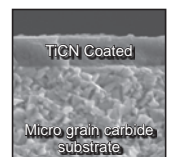


To retain the groove depth, the edge of the single straight core is thinner than the shank.

- Cutting edge is free from contact face.



- An 8mm minimum cutting diameter with a 2-Edge design
- Grade PR1025 improves stable machining
Grade PR1025 (Micro Grain Carbide + PVD Coated Carbide)
Long tool life and stable machining for internal grooving



● : Std. Item □ : Check Availability

G
Grooving