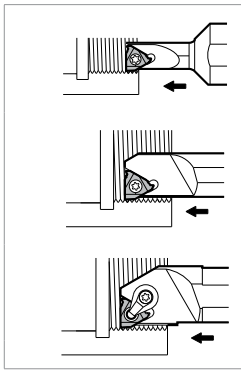
для заказа - kyocera@kyocera-tools.ru



## SIN / CIN



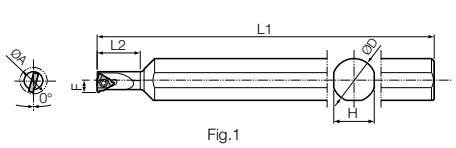



Fig.1

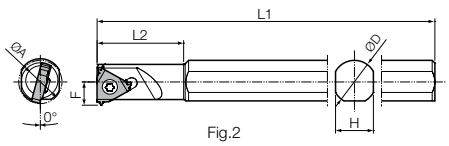



Fig.2

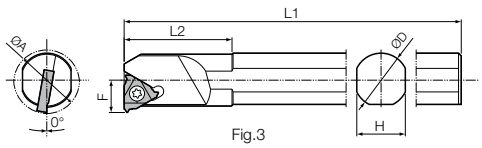



Fig.3

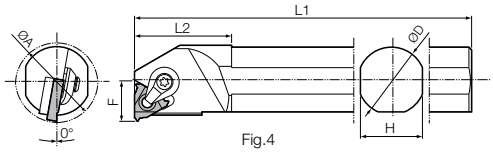



Fig.4

• Right-hand shown

• Right-hand Insert for Right-hand Toolholder, Left-hand Insert for Left-hand Toolholder

### Toolholder Dimensions

| Part Number | Stock R | Stock L | Unit | Min. Bore Dia. ØA | Dimensions ØD | H | L1 | L2 | F | Drawing | Spare Parts: Insert Screw | Clamp Set | Wrench | Shim | Shim Screw | Applicable Inserts |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S10M- SINR-2 | ● | | inch | 0.590 | 0.625 | 0.56 | 5.91 | 1.18 | 0.295 | Fig.1 | SB-2TR | - | FT-8 | - | - | 11I℄… |
| S10M- SINR-3 | ● | | inch | 0.790 | | 0.584 | | 1.46 | 0.369 | Fig.3 | SB-3.5TR | - | FT-15 | - | - | 16I℄… |
| S12X- SINR-3 | ● | | inch | 0.940 | 0.750 | 0.710 | 7.09 | 1.57 | 0.470 | | | | | | | |
| SIN℄ 0612S-06E | ○ | | mm | 6.4 | 12 | 11 | 100 | 10 | 3.8 | Fig.1 | SB-2040TR | - | FT-6 | - | - | 06IR… |
| 0816S-08E | ○ | | mm | 7.8 | 16 | 15 | 125 | 16 | 4.0 | | SB-2050TR | - | FT-6 | - | - | 08IR… |
| 1216S-11E | ○ | ○ | mm | 12 | 16 | 14 | 150 | 25 | 6.3 | | SB-2TR | - | FT-8 | - | - | 11I℄… |
| 1516S-11 | ○ | ○ | mm | 15 | | | | 30 | 7.5 | | | | | | | |
| 1616S-16 | ○ | | mm | 16 | 16 | 14 | 150 | 32 | 8.6 | Fig.2 | SB-3.5TR | - | FT-15 | - | - | 16I℄… |
| 2016S-16 | ○ | ○ | mm | 20 | | | | 37 | 10.0 | Fig.3 | | | | | | |
| 2420S-16 | ○ | ○ | mm | 24 | 20 | 18 | 180 | 40 | 12.0 | | | | | | | |
| 2420S-22 | ○ | | mm | 24 | 20 | 18 | 180 | 40 | 13.5 | | SB-4085TR | - | FT-15 | - | - | 22IR… |
| CIN℄ 3025S-16 | ○ | ○ | mm | 30 | 25 | 23 | 200 | 36 | 15.0 | Fig.4 | - | CPS-5S | FT-15 | TN-32 | SP3X8 | 16I℄… |
| 3732S-16 | ○ | | mm | 37 | 32 | 30 | 250 | 45 | 18.5 | | | | | | | |
| 3025S-22 | ○ | | mm | 30 | 25 | 23 | 200 | 40 | 16.5 | | - | CPS-6S | LW-3 | TN-43 | SP3X8 | 22IR… |
| 3732S-22 | ○ | | mm | 37 | 32 | 30 | 250 | 45 | 20 | | | | | | | |

### Reference Page for Applicable Inserts

| Applicable Thread | Full Profile | Partial Profile | Applicable Thread | Full Profile | Partial Profile |
|---|---|---|---|---|---|
| M: Metric | J7 | J13 | R (PT), (BSPT): Tapered Pipe | J11 | J15 |
| UN: Unified | J9 | J13 | W: Whitworth | J9 | J15 |
| UNF: Unified Fine Thread | J9 | J13 | NPT: American National Pipe | J11 | - |
| G (PF): Parallel Pipe | J9 | J15 | Tr: 30° Trapezoidal | - | J15 |

## Guide for Internal Threading

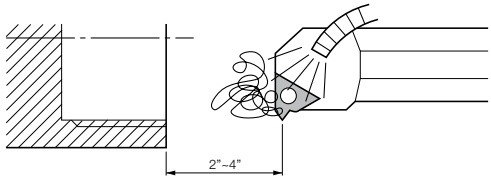
For internal threading, pay extra attention to "Stabilizing diameters of pre-drilled holes"and "chip evacuation".

1. Stabilizing diameters of pre-drilled holes
   Because small pitch internal threads have a small corner radius any variation in the diameter of pre drilled holes will greatly affect the tool life of the insert. Please minimize any variation of pre drilled holes and add an air pass to the first thread pass for safety.

2. Chip evacuation
   If the threading cycle continues with chips tangled on the holder or in the part it may damage the insert. We suggest starting each thread pass at least 2" from the part to allow room for the coolant to remove chips from the tool on each pass.

< 1 When running the first part of a setup>
Run the program in single block to make sure coolant can remove the chips from the tool after each threading pass.

< 2 When running the second part of a setup>
Run through the full threading cycle and again check that chips are removed from the tool before going into production.




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