

# Multi-Function Machining Endmill



Pocketing

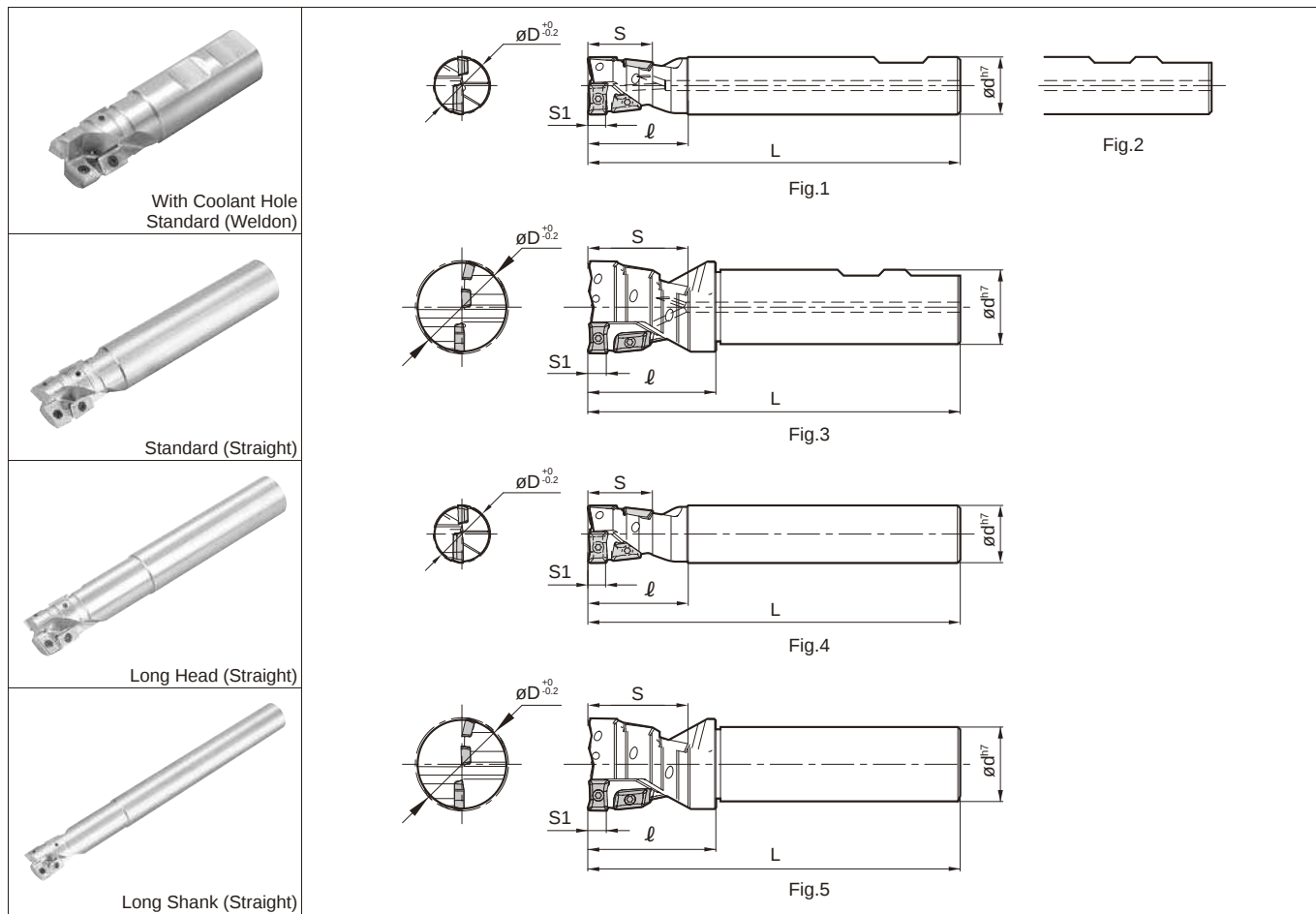
Drilling

Shouldering

Deep Slotting

Facing

MEY



## Toolholder Dimensions

| Description           |     |               | Std. | No. of Insert | No. of Flute | Dimension (mm) |    |     |    |    | Rake Angle (°) |      | Drawing | Spare Parts |                                                                                       |                                                                                       |                                                                                       |
|-----------------------|-----|---------------|------|---------------|--------------|----------------|----|-----|----|----|----------------|------|---------|-------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                       |     |               |      |               |              | øD             | ød | L   | ℓ  | S  | S1             | A.R. |         | R.R.        | Clamp Screw                                                                           | Wrench                                                                                | Anti-seize Compound                                                                   |
|                       |     |               |      |               |              |                |    |     |    |    |                |      |         |             |  |  |  |
| Weldon                | MEY | 16-S16-80W-H  | ●    | 4             | 2            | 16             | 16 | 80  | 31 | 19 | 4.5            | +11° | -11°    | Fig.1       | SB-2040TRG                                                                            | DTM-6                                                                                 | MP-1                                                                                  |
|                       |     | 17-S16-80W-H  | ●    |               |              | 17             | 16 | 80  | 31 | 19 | 4.5            | +11° | -11°    |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 20-S20-85W-H  | ●    |               |              | 20             | 20 | 85  | 35 | 22 | 6              |      | -9°     | Fig.2       | SB-2555TRG                                                                            | DT-8                                                                                  |                                                                                       |
|                       |     | 21-S20-85W-H  | ●    |               |              | 21             | 20 | 85  | 35 | 22 | 6              |      | -9°     |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 25-S25-95W-H  | ●    |               |              | 25             | 25 | 95  | 40 | 28 | 7.5            |      | -11°    | Fig.2       | SB-3070TRG                                                                            | DT-10                                                                                 |                                                                                       |
|                       |     | 26-S25-95W-H  | ●    |               |              | 26             | 25 | 95  | 40 | 28 | 7.5            |      | -11°    |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 32-S32-110W-H | ●    |               |              | 32             | 32 | 110 | 50 | 36 | 9.5            | +13° | Fig.2   | SB-4070TRG  | DT-15                                                                                 |                                                                                       |                                                                                       |
|                       |     | 33-S32-110W-H | ●    |               |              | 33             |    |     |    |    |                |      |         |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 40-S32-130W-H | ●    |               |              | 40             |    | 130 | 55 | 42 | 7.5            |      | -11°    | Fig.3       | SB-3070TRG                                                                            | DT-10                                                                                 |                                                                                       |
|                       |     | 50-S42-140W-H | ●    |               |              | 50             | 42 | 140 | 70 | 54 | 9.5            |      | -9°     |             | SB-4070TRG                                                                            | DT-15                                                                                 |                                                                                       |
| Cylindrical           | MEY | 16-S16        | ●    | 4             | 2            | 16             | 16 | 120 | 31 | 19 | 4.5            | +11° | -11°    | Fig.4       | SB-2040TRG                                                                            | DTM-6                                                                                 | MP-1                                                                                  |
|                       |     | 17-S16        | ●    |               |              | 17             |    |     |    |    |                |      |         |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 20-S20        | ●    |               |              | 20             | 20 | 130 | 35 | 22 | 6              |      | -9°     |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 21-S20        | ●    |               |              | 21             | 20 | 130 | 35 | 22 | 6              |      | -9°     |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 25-S25        | ●    |               |              | 25             | 25 | 140 | 40 | 28 | 7.5            |      | -11°    | Fig.4       | SB-3070TRG                                                                            | DT-10                                                                                 |                                                                                       |
|                       |     | 26-S25        | ●    |               |              | 26             | 25 | 140 | 40 | 28 | 7.5            |      | -11°    |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 32-S32        | ●    |               |              | 32             | 32 | 150 | 50 | 36 | 9.5            | +13° | Fig.4   | SB-4070TRG  | DT-15                                                                                 |                                                                                       |                                                                                       |
|                       |     | 33-S32        | ●    |               |              | 33             |    |     |    |    |                |      |         |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 40-S32        | ●    |               |              | 40             |    | 160 | 55 | 42 | 7.5            |      | -11°    | Fig.5       | SB-3070TRG                                                                            | DT-10                                                                                 |                                                                                       |
|                       |     | 50-S42        | ●    |               |              | 50             | 42 | 170 | 70 | 54 | 9.5            |      | -9°     |             |                                                                                       |                                                                                       |                                                                                       |
| Cylindrical Long Head | MEY | 16-S16-140H   | ●    | 4             | 2            | 16             | 16 | 140 | 51 | 19 | 4.5            | +11° | -11°    | Fig.4       | SB-2040TRG                                                                            | DTM-6                                                                                 | MP-1                                                                                  |
|                       |     | 20-S20-150H   | ●    |               |              | 20             | 20 | 150 | 53 | 22 | 6              |      | -9°     |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 25-S25-170H   | ●    |               |              | 25             | 25 | 170 | 70 | 28 | 7.5            | +13° | -11°    |             |                                                                                       |                                                                                       |                                                                                       |
|                       |     | 32-S32-180H   | ●    |               |              | 32             | 32 | 180 | 80 | 36 | 9.5            | +13° | Fig.4   |             | SB-4070TRG                                                                            | DT-15                                                                                 |                                                                                       |
|                       |     |               |      |               |              |                |    |     |    |    |                |      |         |             |                                                                                       |                                                                                       |                                                                                       |

• S1 shows the edge length of the complete 2-flute part.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)