



FIG.1

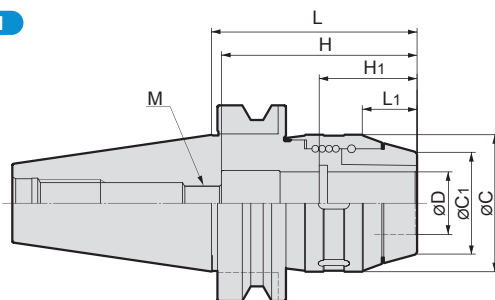


FIG.2

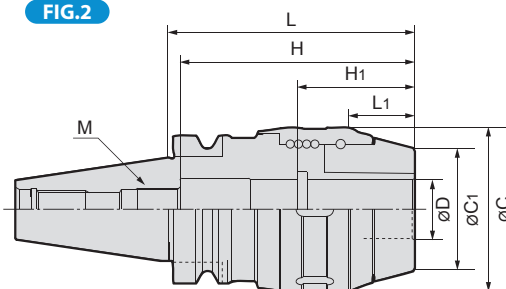
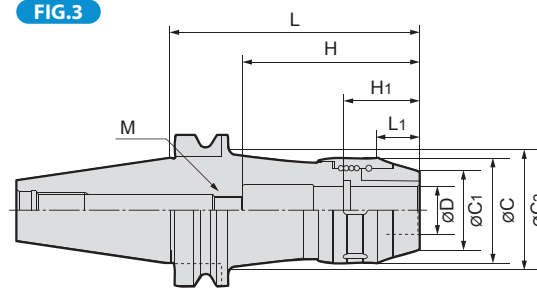


FIG.3



シャンク公差h7以内の刃具をご使用下さい。  
Cutter shank diameter should be h7 or better.

| MODEL                        | CODE   |       | FIG   | φD     | L  | L1  | φC   | φC1 | φC2 | H   | H1 | 最小刃具挿入量  |         | 調整量<br>F | M   | N/W<br>(kg) |     |
|------------------------------|--------|-------|-------|--------|----|-----|------|-----|-----|-----|----|----------|---------|----------|-----|-------------|-----|
|                              | BT A   | BBT A |       |        |    |     |      |     |     |     |    | シャンク(ST) | センタ(CT) |          |     |             |     |
| Max. 10,000min <sup>-1</sup> |        |       |       |        |    |     |      |     |     |     |    |          |         |          |     |             |     |
| BT30<br>BBT30                | HPC16- | 100   | 10148 | 200442 | 16 | 100 | 26   | 56  | 34  | 85  | 50 | 40       | 51      | 70~80    | M10 |             | 1.4 |
|                              | HPC20- | 100   | 10150 | 200443 |    |     |      |     |     |     |    |          |         |          |     |             | 38  |
|                              | HPC25- | 100   | 10136 |        | 25 | 105 | 27.5 | 62  | 44  | 80  | 53 | 50       | 55      | 57~70    | M18 |             | 1.6 |
|                              | HPC32- | 105   | 10138 |        |    |     |      |     |     |     |    |          |         |          |     |             | 52  |
| Max. 10,000min <sup>-1</sup> |        |       |       |        |    |     |      |     |     |     |    |          |         |          |     |             |     |
| BT40<br>BBT40                | HPC16- | 090   | 11548 | 240288 | 16 | 120 | 26   | 56  | 34  | 85  | 50 | 40       | 51      | 70~80    | M10 |             | 1.8 |
|                              |        | 120   | 11547 | 240289 |    |     |      |     |     |     |    |          |         |          |     |             | 38  |
|                              | HPC20- | 090   | 11550 | 240291 | 20 | 120 | 26   | 56  | 38  | 85  | 50 | 45       | 51      | 70~80    | M10 |             | 1.7 |
|                              |        | 120   | 11545 | 240292 |    |     |      |     |     |     |    |          |         |          |     |             | 40  |
|                              | HPC25- | 105   | 11552 | 240294 | 25 | 105 | 27.5 | 62  | 44  | 100 | 50 | 50       | 55      | 77~90    | M18 |             | 2.0 |
|                              |        | 135   | 11553 | 240295 |    |     |      |     |     |     |    |          |         |          |     |             | 44  |
|                              | HPC32- | 105   | 11554 | 240297 | 32 | 105 | 27.5 | 70  | 52  | 100 | 53 | 55       | 55      | 94~107   | M18 |             | 2.2 |
|                              |        | 135   | 11555 | 240298 |    |     |      |     |     |     |    |          |         |          |     |             | 52  |
|                              | HPC42- | 135   | 11559 |        | 42 | 135 | 30.5 | 82  | 62  | 100 | 57 | 60       | 60      | 77~90    |     |             | 3.5 |

| MODEL                      | CODE   |       |       | FIG    | ΦD     | L   | L1  | ΦC   | ΦC1 | ΦC2  | H  | H1  | 最小刃具挿入量  |         | 調整量<br>F | M   | N/W<br>(kg) |      |     |    |    |     |    |    |        |     |  |     |     |
|----------------------------|--------|-------|-------|--------|--------|-----|-----|------|-----|------|----|-----|----------|---------|----------|-----|-------------|------|-----|----|----|-----|----|----|--------|-----|--|-----|-----|
|                            | BT A   | BBT A |       |        |        |     |     |      |     |      |    |     | シャンク(ST) | センタ(CT) |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
| Max.8,000min <sup>-1</sup> |        |       |       |        |        |     |     |      |     |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
| BT50<br>BBT50              | HPC16- | 105   | 13958 | 270262 | 1      | 16  | 105 | 26   | 56  | 34   | 57 | 85  | 40       | 51      | 70~80    | M10 |             | 4.4  |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | 135   | 13951 | 270292 | 3      |     | 135 |      |     |      |    |     |          |         |          |     |             | 62   | 4.7 |    |    |     |    |    |        |     |  |     |     |
|                            |        | 165   | 13953 | 270293 |        |     | 165 |      |     |      |    |     |          |         |          |     |             |      | 5.5 |    |    |     |    |    |        |     |  |     |     |
|                            | HPC20- | 105   | 13960 | 270266 | 1      | 20  | 105 |      |     |      |    |     |          |         |          |     |             | 27.5 | 62  | 44 | 72 | 100 | 50 | 51 | 77~90  | M18 |  | 4.3 |     |
|                            |        | 135   | 13959 | 270267 | 3      |     | 135 |      |     |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  | 62  | 4.7 |
|                            |        | 165   | 13955 | 270268 |        |     | 165 |      |     |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     | 5.5 |
|                            | HPC25- | 105   | 13962 | 270272 | 1      | 25  | 105 | 27.5 | 62  | 44   | 72 | 100 | 50       | 51      | 77~90    | M18 |             |      |     |    |    |     |    |    |        |     |  | 4.4 |     |
|                            |        | 135   | 13963 | 270273 | 3      |     | 135 |      |     |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  | 62  | 4.8 |
|                            |        | 165   | 13961 | 270274 |        |     | 165 |      |     |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  | 75  | 5.7 |
|                            |        | 200   | 14004 | 270294 |        |     | 200 |      |     |      |    |     |          |         |          |     |             |      | 6.6 |    |    |     |    |    |        |     |  |     |     |
|                            | (注4)   | 250   | 14005 | 270295 |        | 250 |     |      |     |      |    |     |          |         |          |     |             | 7.8  |     |    |    |     |    |    |        |     |  |     |     |
|                            | HPC32- | 105   | 13964 | 270278 | 1      | 32  | 105 |      |     |      |    |     |          |         |          |     |             | 27.5 | 70  | 52 | 75 | 117 | 53 | 55 | 94~107 | M18 |  | 4.4 |     |
|                            |        | 135   | 13965 | 270279 | 3      |     | 135 | 70   | 5.0 |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | 165   | 13969 | 270280 |        |     | 165 |      | 5.6 |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | 200   | 14006 | 270296 |        |     | 200 |      | 7.2 |      |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | (注4)  | 250   | 14007  | 270297 |     |     | 250  |     | 8.6  |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | (注4)  | 300   | 14008  | 270298 |     |     | 300  |     | 10.3 |    |     |          |         |          |     |             |      |     |    |    |     |    |    |        |     |  |     |     |
|                            | HPC42- | 110   | 13966 | 270285 | 1      | 42  | 110 | 30.5 | 82  | 62   | 80 | 122 | 57       | 60      | 99~112   | M18 |             | 4.6  |     |    |    |     |    |    |        |     |  |     |     |
|                            |        | 135   | 13967 | 270286 | 3      |     | 135 |      |     |      |    |     |          |         |          |     |             | 82   | 5.3 |    |    |     |    |    |        |     |  |     |     |
|                            |        | 165   | 13968 | 270287 |        |     | 165 |      |     |      |    |     |          |         |          |     |             | 82   | 6.2 |    |    |     |    |    |        |     |  |     |     |
|                            |        | 200   | (△)   | (△)    |        |     | 200 |      |     |      |    |     |          |         |          |     |             |      | 8.3 |    |    |     |    |    |        |     |  |     |     |

- 注：1. チャックレンチ・調整ネジは付属しておりません。  
 2. センタースルーでご利用の際は、化粧箱内に付属しているOリングをチャッキング穴内周奥にあるOリング溝に取付け、ご使用ください。また、Oリングは取付けしないで、そのまま機械側からクーラント供給した場合、シャンクスルーとしてご使用出来ます。  
 3. 表記の許容回転数は、機械の剛性と刃物のバランスに大きく左右されますので、表記中の回転数と異なる場合があります。  
 4. L寸法が250ミリ以上のものの振れ精度は口元5μm、3D先8μmとなります。  
 5. BBTは受注生産品です。BBTシャンクの場合、振れ精度等級はA級のみとなります。  
 6. 他社製ストレートコレットでツバ径が大きい場合、装着時にチャック本体端面部にシャンクが出来ることがあります。  
 7. コード (△) 表記製品は在庫が無くなり次第、特殊対応品となります。  
 8. コード - 表記製品は廃盤品です。

- NOTE: 1. Chuck wrench and adjust screw are sold separately.  
 2. When using in the center through coolant, Attach the O-ring included in the box to the O-ring shank at the back of the inner circumference of the chucking hole before use. Also, if the coolant is supplied from the machine side as it is without attaching the O-ring, it will be thru the shank coolant.  
 3. The above -mentioned maximum speed will vary depending rigidity of the machine and balance of cutter. An adequate cutting condition should be selected for each case.  
 4. If L dimension is 250mm or more, the runnout accuracy is 5μm at chuck nose and 8μm at 3D point.  
 5. BBT shank type is made-to-order. In the case of BBT shank, grade of runout accuracy is only A.  
 6. If the brim diameter is large with a straight collet made by another company, there may be a gap on the end face of the chuck body when mounting.  
 7. CODE (△) The listed products will be made to order as soon as it is out of stock.  
 8. CODE - The listed products are discontinued.

| ご注文例 ORDERING EXAMPLE |                                |
|-----------------------|--------------------------------|
| ①                     | BT30                           |
| ②                     | - HPC                          |
| ③                     | 16                             |
| ④                     | - 100                          |
| ⑤                     | A                              |
| ①                     | シャンクサイズ Shank Size             |
| ②                     | 呼称 Holder's Name               |
| ③                     | 刃具シャンク径 øD Cutter's Shank Dia. |
| ④                     | GL長さ L G.L. Length             |
| ⑤                     | 等級 Grade                       |



アクセサリ ACCESSORIES

➔ P.143 コレット・チャックレンチ STRAIGHT COLLETS, CHUCK WRENCH



アクセサリ ACCESSORIES

➔ P.144 調整ネジ ADJUST SCREW