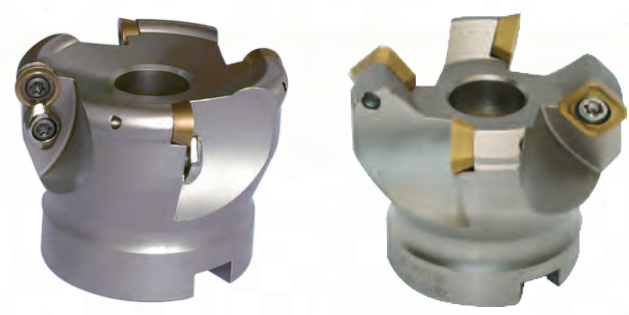




**NBD**<sup>®</sup>

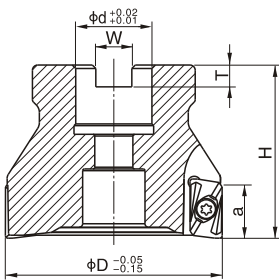
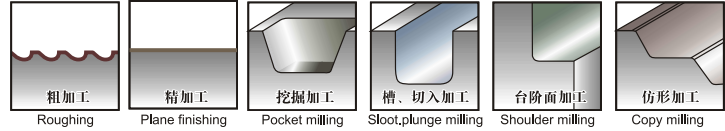
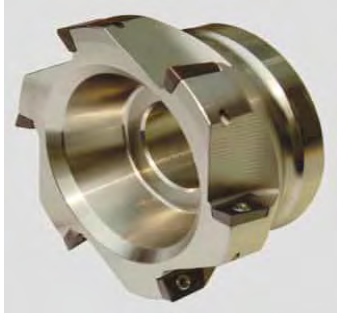
铣削刀具

Milling tools

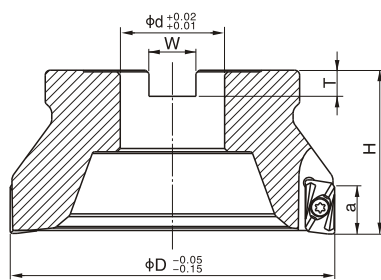


# BAP 直角方肩面铣刀盘

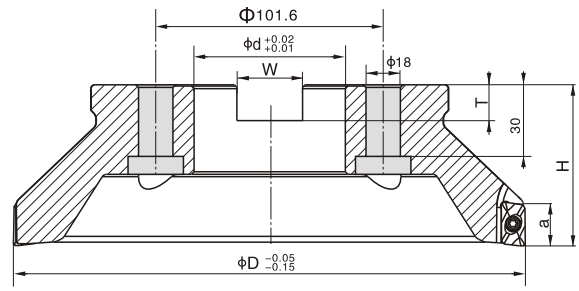
## BAP right angle shoulder face mill



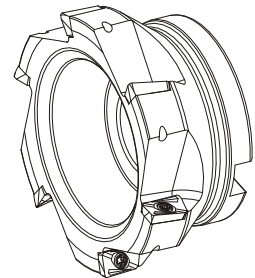
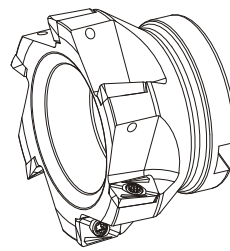
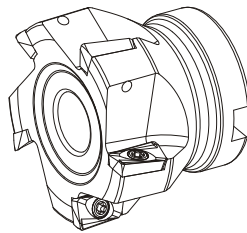
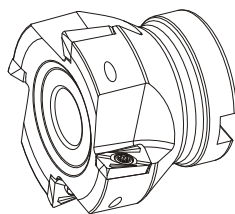
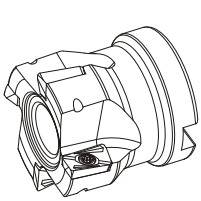
**A型**  
A type



**B型**  
B type



**C型**  
C type



BAP400R-50-4T

BAP400R-63-4T

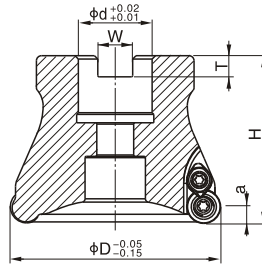
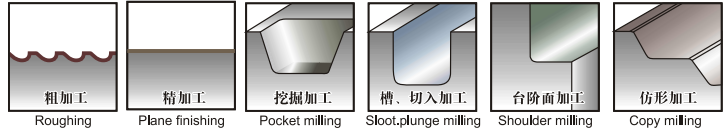
BAP400R-63-5T

BAP400R-80-6T

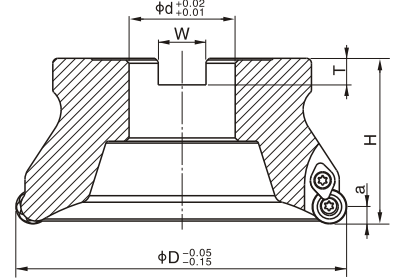
BAP400R-100-6T

| 型号<br>Cat. No      | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |      |    |      |     |    | 圆垫片<br>Circular cushion | 适用刀片<br>Applicable inserts | 螺钉<br>Screw | 扳手<br>Wrench |
|--------------------|---------------------|--------------|-------------|------|----|------|-----|----|-------------------------|----------------------------|-------------|--------------|
|                    |                     |              | D           | d    | H  | W    | T   | a  |                         |                            |             |              |
| BAP400R-50-22-4T   | 4                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 14 | —                       | APMT 1604 PDER             | M4 x 10     | T15F<br>T15  |
| BAP400R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 14 | —                       |                            |             |              |
| BAP400R-63-22-5T   | 5                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 14 | —                       |                            |             |              |
| BAP400R-80-27-6T   | 6                   | A            | 80          | 27   | 50 | 12.4 | 7   | 14 | —                       |                            |             |              |
| BAP400R-100-32-6T  | 6                   | B            | 100         | 32   | 50 | 14.4 | 8   | 14 | FMB-32-SHIM             |                            |             |              |
| BAP400R-125-40-6T  | 6                   | B            | 125         | 40   | 63 | 14.4 | 8   | 14 | FMB-40-SHIM             |                            |             |              |
| BAP400R-160-40-9T  | 9                   | B            | 160         | 40   | 63 | 14.4 | 8   | 14 | FMB-40-SHIM             |                            |             |              |
| BAP400R-200-60-9T  | 9                   | C            | 200         | 60   | 63 | 25.7 | 14  | 14 | —                       |                            |             |              |
| BAP400R-200-60-12T | 12                  | C            | 200         | 60   | 63 | 25.7 | 14  | 14 | —                       |                            |             |              |
| BAP400R-50-25.4-4T | 4                   | A            | 50          | 25.4 | 50 | 10   | 6   | 14 | —                       |                            |             |              |
| BAP400R-63-25.4-4T | 4                   | A            | 63          | 25.4 | 50 | 10   | 6   | 14 | —                       |                            |             |              |
| BAP400R-63-25.4-5T | 5                   | A            | 63          | 25.4 | 50 | 10   | 6   | 14 | —                       |                            |             |              |

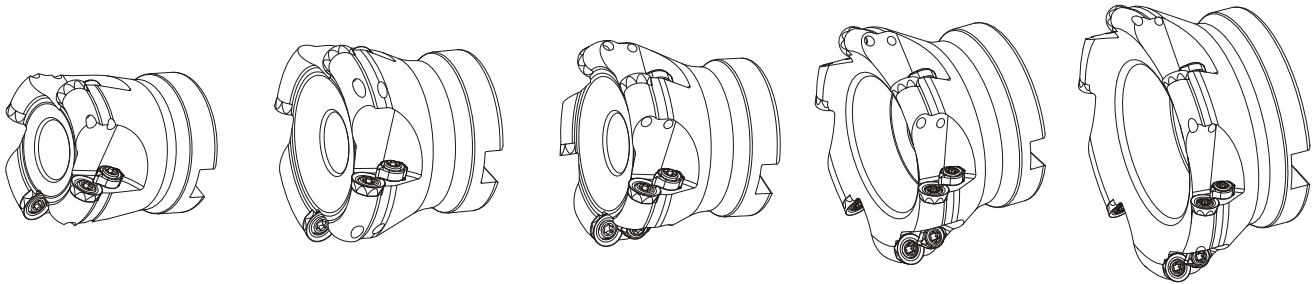
## EMR 圆角面铣刀盘 EMR round dowel face mill



**A型**  
A type



**B型**  
B type



EMR-5R50-4T

EMR-5R63-4T

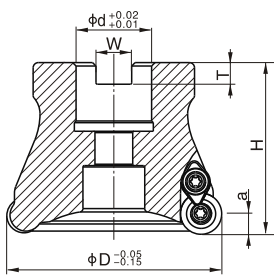
EMR-5R63-5T

EMR-5R80-6T

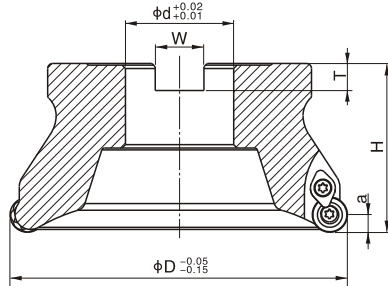
EMR-5R100-6T

| 型号<br>Cat. No     | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |      |    |      |     |   | 圆垫片<br>Circular cushion | 适用刀片<br>Applicable inserts    | 压板<br>Clamp | 螺钉<br>Screw    | 扳手<br>Wrench |
|-------------------|---------------------|--------------|-------------|------|----|------|-----|---|-------------------------|-------------------------------|-------------|----------------|--------------|
|                   |                     |              | D           | d    | H  | W    | T   | a |                         |                               |             |                |              |
| EMR-5R-50-22-4T   | 4                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 5 | —                       | RPMW 1003 MO<br>RPMW 10T3 MOE | A-5R        | M4×10 /M3.5×10 | T15F<br>T15  |
| EMR-5R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 5 | —                       |                               |             |                |              |
| EMR-5R-63-22-5T   | 5                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 5 | —                       |                               |             |                |              |
| EMR-5R-80-27-6T   | 6                   | A            | 80          | 27   | 50 | 12.4 | 7   | 5 | —                       |                               |             |                |              |
| EMR-5R-100-32-6T  | 6                   | B            | 100         | 32   | 50 | 14.4 | 8   | 5 | FMB-32-SHIM             |                               |             |                |              |
| EMR-5R-50-25.4-4T | 4                   | A            | 50          | 25.4 | 50 | 10   | 6   | 5 | —                       |                               |             |                |              |
| EMR-5R-63-25.4-4T | 4                   | A            | 63          | 25.4 | 50 | 10   | 6   | 5 | —                       |                               |             |                |              |
| EMR-5R-63-25.4-5T | 5                   | A            | 63          | 25.4 | 50 | 10   | 6   | 5 | —                       |                               |             |                |              |

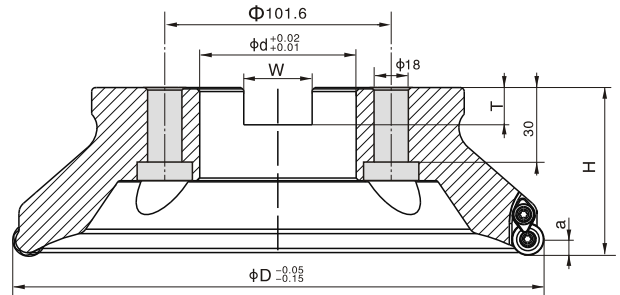
## EMRW 圆角面铣刀盘 EMRW round dowel face mill



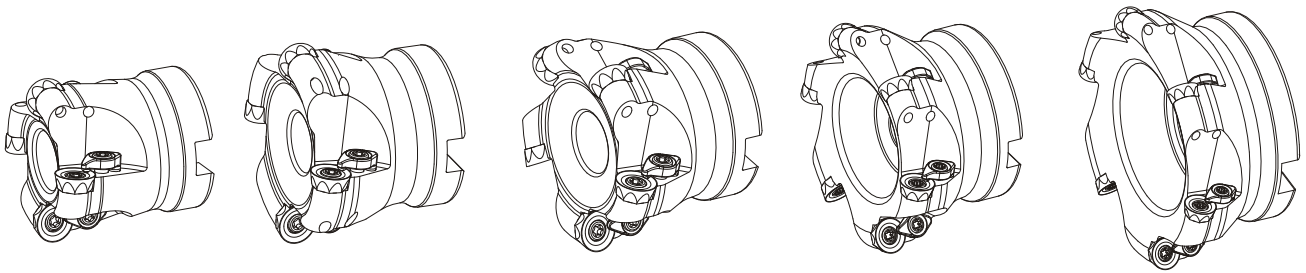
**A型**  
A type



**B型**  
B type



**C型**  
C type



EMRW-6R50-4T

EMRW-6R63-4T

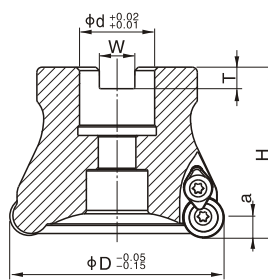
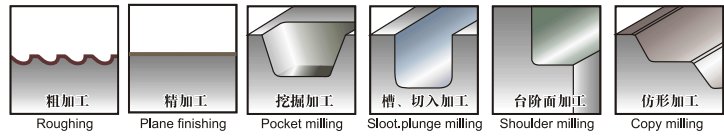
EMRW-6R63-5T

EMRW-6R80-6T

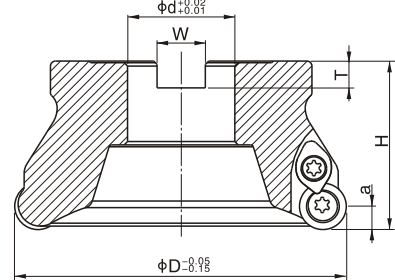
EMRW-6R100-6T

| 型号<br>Cat. No      | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |      |    |      |     |   | 垫片<br>Circular cushin | 适用刀片<br>Applicable inserts | 压板<br>Clamp | 螺钉<br>Screw | 扳手<br>Wrench |
|--------------------|---------------------|--------------|-------------|------|----|------|-----|---|-----------------------|----------------------------|-------------|-------------|--------------|
|                    |                     |              | D           | d    | H  | W    | T   | a |                       |                            |             |             |              |
| EMRW-6R-50-22-4T   | 4                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 6 | —                     | RPMW \ T 1204 MO           | A-6R        | M4 × 10     | T15F<br>T15  |
| EMRW-6R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 6 | —                     |                            |             |             |              |
| EMRW-6R-63-22-5T   | 5                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 6 | —                     |                            |             |             |              |
| EMRW-6R-80-27-6T   | 6                   | A            | 80          | 27   | 50 | 12.4 | 7   | 6 | —                     |                            |             |             |              |
| EMRW-6R-100-32-6T  | 6                   | B            | 100         | 32   | 50 | 14.4 | 8   | 6 | FMB-32-SHIM           |                            |             |             |              |
| EMRW-6R-125-40-6T  | 6                   | B            | 125         | 40   | 63 | 16.4 | 9   | 6 | FMB-40-SHIM           |                            |             |             |              |
| EMRW-6R-160-40-9T  | 9                   | B            | 160         | 40   | 63 | 16.4 | 9   | 6 | FMB-40-SHIM           |                            |             |             |              |
| EMRW-6R-200-60-9T  | 9                   | C            | 200         | 60   | 63 | 25.7 | 14  | 6 | —                     |                            |             |             |              |
| EMRW-6R-50-25.4-4T | 4                   | A            | 50          | 25.4 | 50 | 10   | 6   | 6 | —                     |                            |             |             |              |
| EMRW-6R-63-25.4-4T | 4                   | A            | 63          | 25.4 | 50 | 10   | 6   | 6 | —                     |                            |             |             |              |
| EMRW-6R-63-25.4-5T | 5                   | A            | 63          | 25.4 | 50 | 10   | 6   | 6 | —                     |                            |             |             |              |
| EMRW-6R-80-25.4-6T | 6                   | A            | 80          | 25.4 | 50 | 10   | 6   | 6 | —                     |                            |             |             |              |

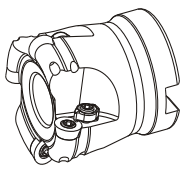
## TRS 圓角面铣刀盤 TRS round dowel face mill



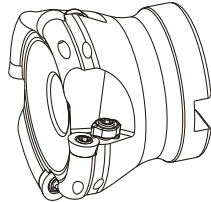
**A型**  
A type



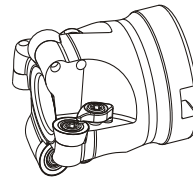
**B型**  
B type



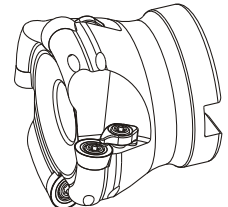
TRS-5R50-4T



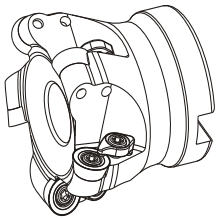
TRS-5R63-4T



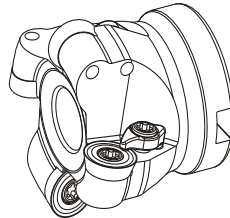
TRS-6R50-4T



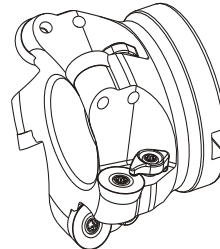
TRS-6R63-4T



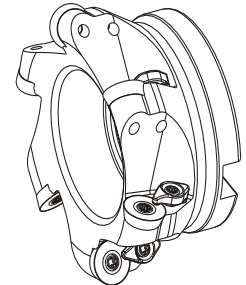
TRS-6R63-5T



TRS-8R63-4T



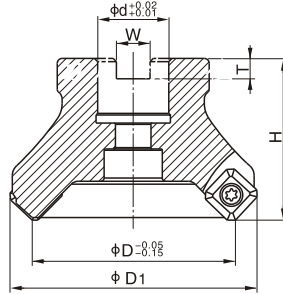
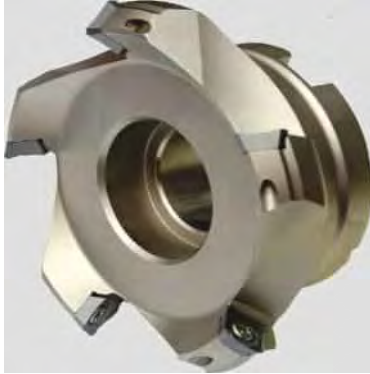
TRS-8R80-5T



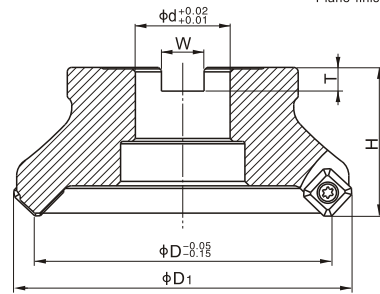
TRS-8R100-6T

| 型号<br>Cat. No     | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |      |    |      |     |   | 垫片<br>Circular cushion | 适用刀片<br>Applicable inserts | 压板<br>Clamp | 螺钉<br>Screw | 扳手<br>Wrench |
|-------------------|---------------------|--------------|-------------|------|----|------|-----|---|------------------------|----------------------------|-------------|-------------|--------------|
|                   |                     |              | D           | d    | H  | W    | T   | a |                        |                            |             |             |              |
| TRS-5R-50-22-4T   | 4                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 5 | —                      |                            |             |             |              |
| TRS-5R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 5 | —                      | RD□□ 10T3 MO               | A-5R        | M4 × 9      | T15F<br>T15  |
| TRS-5R-63-22-5T   | 5                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 5 | —                      |                            |             | M3.5 × 10   |              |
| TRS-6R-50-22-3T   | 3                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 6 | —                      |                            |             |             |              |
| TRS-6R-50-22-4T   | 4                   | A            | 50          | 22   | 50 | 10.4 | 6.3 | 6 | —                      |                            |             |             |              |
| TRS-6R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 6 | —                      |                            |             |             |              |
| TRS-6R-63-22-5T   | 5                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 6 | —                      | RD□□ 1204 MO               | A-6R        | M4 × 10     | T15F<br>T15  |
| TRS-6R-80-27-6T   | 6                   | A            | 80          | 27   | 50 | 12.4 | 7   | 6 | —                      |                            |             |             |              |
| TRS-6R-100-32-6T  | 6                   | B            | 100         | 32   | 50 | 14.4 | 8   | 6 | FMB-32-SHIM            |                            |             |             |              |
| TRS-6R-63-25.4-4T | 4                   | A            | 63          | 25.4 | 50 | 10   | 6   | 6 | —                      |                            |             |             |              |
| TRS-8R-63-22-4T   | 4                   | A            | 63          | 22   | 50 | 10.4 | 6.3 | 8 | —                      | RD□□ 1604 MO               | A-8R        | M5 × 12     | T20F<br>T20  |

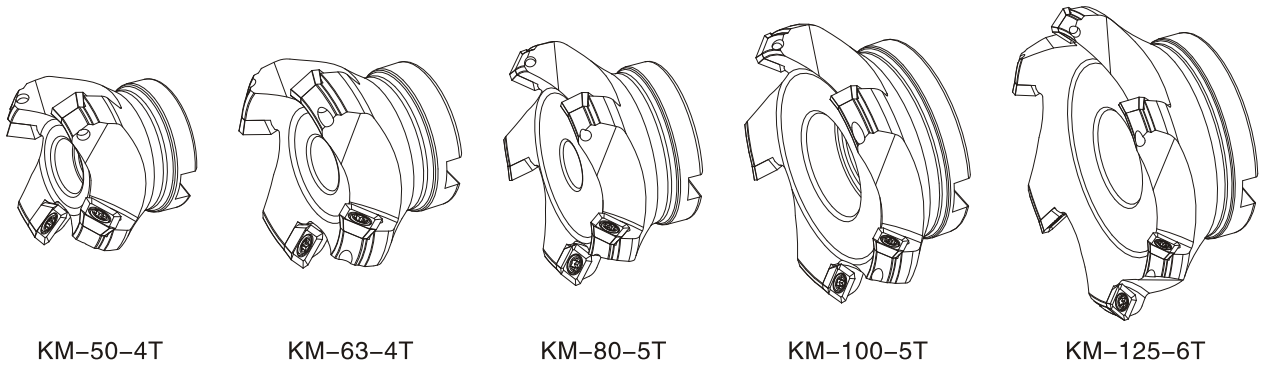
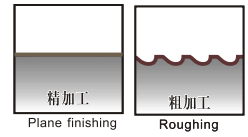
# KM-45° 面铣刀盘 KM-45° face mill



**A型**  
A type



**B型**  
B type



KM-50-4T

KM-63-4T

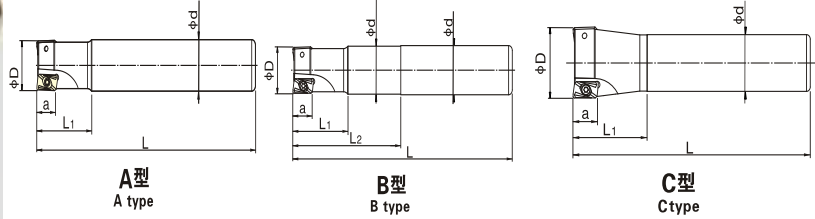
KM-80-5T

KM-100-5T

KM-125-6T

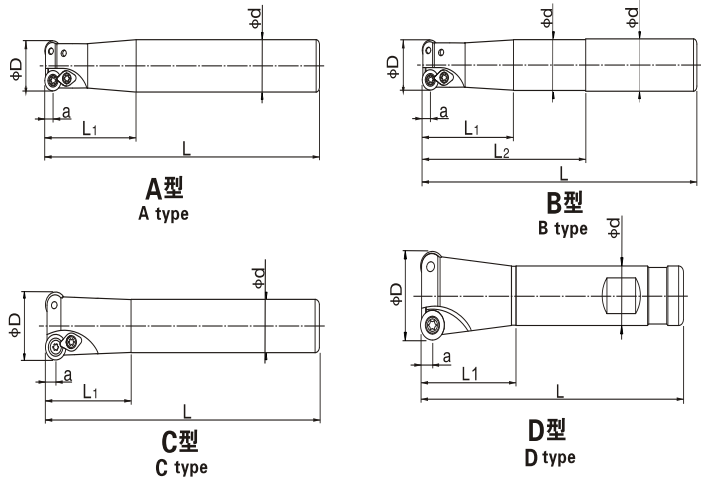
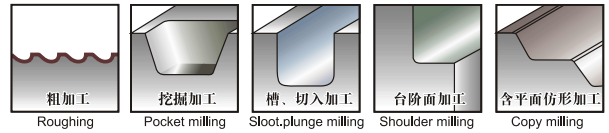
| 型号<br>Cat. No     | 刃数<br>No. of<br>flutes | 样式<br>Manner | 尺寸 Size(mm) |                |       |    |      |     | 垫片<br>Circular cushin | 适用刀片<br>Applicable inserts                | 螺钉<br>Screw | 扳手<br>Wrench |
|-------------------|------------------------|--------------|-------------|----------------|-------|----|------|-----|-----------------------|---|-------------|--------------|
|                   |                        |              | D           | D <sub>1</sub> | d     | H  | W    | T   |                       |   |             |              |
| KM12-50-22-4T     | 4                      | A            | 50          | 64             | 22    | 50 | 10.4 | 6.3 | —                     | SEKT 1204□□<br>SKET 1204□□<br>SEKW 1204□□ | M5 × 11     | T20F<br>T20  |
| KM12-63-22-4T     | 4                      | A            | 63          | 77             | 22    | 50 | 10.4 | 6.3 | —                     |   |             |              |
| KM12-80-27-5T     | 5                      | A            | 80          | 94             | 27    | 50 | 12.4 | 7   | —                     |   |             |              |
| KM12-100-32-5T    | 5                      | B            | 100         | 114            | 32    | 50 | 14.4 | 8   | FMB-32-SHIM           |   |             |              |
| KM12-125-40-6T    | 6                      | B            | 125         | 139            | 40    | 63 | 16.4 | 9   | FMB-40-SHIM           |   |             |              |
| KM12-160-40-9T    | 9                      | B            | 160         | 174            | 40    | 63 | 16.4 | 9   | FMB-40-SHIM           |   |             |              |
| KM12-200-60-9T    | 9                      | B            | 200         | 174            | 60    | 63 | 25.7 | 14  | —                     |   |             |              |
| KM12-50-25.4-4T   | 4                      | A            | 50          | 64             | 25.4  | 50 | 10   | 6   | —                     |   |             |              |
| KM12-63-25.4-4T   | 4                      | A            | 63          | 77             | 25.4  | 50 | 10   | 6   | —                     |   |             |              |
| KM12-80-25.4-5T   | 5                      | A            | 80          | 94             | 25.4  | 50 | 10   | 6   | —                     |   |             |              |
| KM12-100-31.75-5T | 5                      | B            | 100         | 114            | 31.75 | 50 | 13   | 8   | FMB-31.75-SHIM        |   |             |              |
| KM12-125-38.1-6T  | 6                      | B            | 125         | 139            | 38.1  | 63 | 16.2 | 10  | FMB-38.1-SHIM         |   |             |              |
| KM12-160-38.1-6T  | 6                      | B            | 160         | 174            | 38.1  | 63 | 16.2 | 10  | FMB-38.1-SHIM         |   |             |              |

# BAP 直角立铣刀杆 BAP right angle shoulder and mill



| 型号<br>Cat. No        | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |    |     |    |     |    | 适用刀片<br>Applicable inserts | 螺钉<br>Screw | 扳手<br>Wrench   |
|----------------------|---------------------|--------------|-------------|----|-----|----|-----|----|----------------------------|-------------|----------------|
|                      |                     |              | D           | d  | L   | L1 | L2  | a  |                            |             |                |
| BAP300R-12 × 100     | 1                   | A            | 12          | 12 | 100 | 30 | —   | 9  | APMT 1135 PDER             | M2.5 × 5    | T8F<br>T8      |
| BAP300R-12 × 130     | 1                   | A            | 12          | 12 | 130 | 36 | —   | 9  |                            |             |                |
| BAP300R-12 × 150     | 1                   | A            | 12          | 12 | 150 | 36 | —   | 9  |                            |             |                |
| BAP300R-13 × 120-C12 | 1                   | A            | 13          | 12 | 120 | 30 | —   | 9  |                            |             |                |
| BAP300R-16 × 160     | 2                   | A            | 16          | 16 | 160 | 40 | —   | 9  | APMT 1135 PDER             | M2.5 × 6.5  |                |
| BAP300R-16 × 200     | 2                   | B            | 16          | 16 | 200 | 40 | 100 | 9  |                            |             |                |
| BAP300R-17 × 160-C16 | 2                   | A            | 17          | 16 | 160 | 40 | —   | 9  |                            |             |                |
| BAP300R-17 × 200-C16 | 2                   | A            | 17          | 16 | 200 | 40 | —   | 9  |                            |             |                |
| BAP300R-20 × 160     | 2/3                 | A            | 20          | 20 | 160 | 50 | —   | 9  |                            |             |                |
| BAP300R-20 × 180     | 2/3                 | B            | 20          | 20 | 180 | 50 | 90  | 9  |                            |             |                |
| BAP300R-20 × 200     | 2/3                 | B            | 20          | 20 | 200 | 50 | 100 | 9  |                            |             |                |
| BAP300R-21 × 160-C20 | 2/3                 | A            | 21          | 20 | 160 | 40 | —   | 9  |                            |             |                |
| BAP300R-21 × 200-C20 | 2/3                 | A            | 21          | 20 | 200 | 50 | —   | 9  |                            |             |                |
| BAP300R-25 × 160     | 3                   | A            | 25          | 25 | 160 | 50 | —   | 9  |                            |             |                |
| BAP300R-25 × 200     | 3                   | A            | 25          | 25 | 200 | 75 | —   | 9  |                            |             |                |
| BAP300R-30 × 160-C25 | 3                   | C            | 30          | 25 | 160 | 50 | —   | 9  |                            |             | APMT 1604 PDER |
| BAP400R-25 × 160     | 2                   | A            | 25          | 25 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-25 × 160-C24 | 2                   | A            | 25          | 24 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-25 × 200     | 2                   | A            | 25          | 25 | 200 | 75 | —   | 14 |                            |             |                |
| BAP400R-25 × 200-C24 | 2                   | A            | 25          | 24 | 200 | 50 | —   | 14 |                            |             |                |
| BAP400R-25 × 250     | 2                   | B            | 25          | 25 | 250 | 50 | 115 | 14 |                            |             |                |
| BAP400R-25 × 250-C24 | 2                   | A            | 25          | 24 | 250 | 50 | —   | 14 |                            |             |                |
| BAP400R-26 × 160-C25 | 2                   | A            | 26          | 25 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-26 × 200-C25 | 2                   | A            | 26          | 25 | 200 | 50 | —   | 14 |                            |             |                |
| BAP400R-32 × 160-C25 | 2/3                 | C            | 32          | 25 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-32 × 200-C25 | 2/3                 | C            | 32          | 25 | 200 | 50 | —   | 14 |                            |             |                |
| BAP400R-32 × 200     | 2/3                 | A            | 32          | 32 | 200 | 80 | —   | 14 |                            |             |                |
| BAP400R-35 × 160-C32 | 3                   | C            | 35          | 32 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-35 × 200-C32 | 3                   | C            | 35          | 32 | 200 | 50 | —   | 14 |                            |             |                |
| BAP400R-35 × 250-C32 | 3                   | C            | 35          | 32 | 250 | 60 | —   | 14 |                            |             |                |
| BAP400R-35 × 300-C32 | 3                   | C            | 35          | 32 | 300 | 60 | —   | 14 |                            |             |                |
| BAP400R-35 × 350-C32 | 3                   | C            | 35          | 32 | 350 | 60 | —   | 14 |                            |             |                |
| BAP400R-40 × 160-C32 | 3                   | C            | 40          | 32 | 160 | 50 | —   | 14 |                            |             |                |
| BAP400R-40 × 200-C32 | 3                   | C            | 40          | 32 | 200 | 50 | —   | 14 |                            |             |                |
| BAP400R-40 × 250-C32 | 3                   | C            | 40          | 32 | 250 | 60 | —   | 14 |                            |             |                |

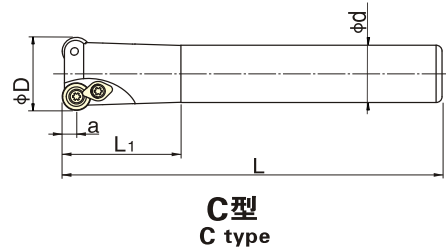
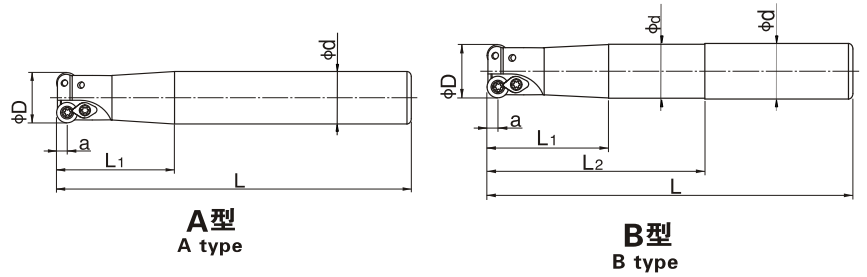
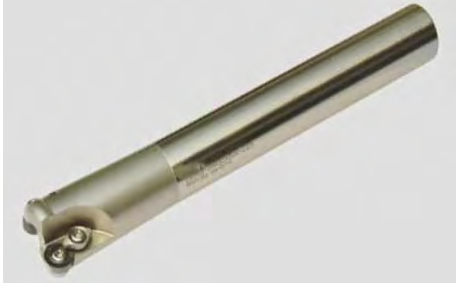
# EMR 圆鼻立铣刀杆 EMR round dowel end mill



| 型号<br>Cat. No            | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |       |     |    |     |   | 适用刀片<br>Applicable inserts    | 压板<br>Clamp | 螺钉<br>Screw         | 扳手<br>Wrench |
|--------------------------|---------------------|--------------|-------------|-------|-----|----|-----|---|-------------------------------|-------------|---------------------|--------------|
|                          |                     |              | D           | d     | L   | L1 | L2  | a |                               |             |                     |              |
| EMR-4R × 12 × 120        | 1                   | A            | 12          | 12    | 120 | 40 | —   | 4 | RPMW 0802 MO                  | —           |                     |              |
| EMR-4R × 13 × 120-C12    | 1                   | A            | 13          | 12    | 120 | 40 | —   | 4 |                               |             |                     |              |
| EMR-4R × 16 × 120        | 2                   | A            | 16          | 16    | 120 | 40 | —   | 4 |                               |             |                     |              |
| EMR-4R × 16 × 160        | 2                   | A            | 16          | 16    | 160 | 40 | —   | 4 |                               |             |                     |              |
| EMR-4R × 16 × 200        | 2                   | B            | 16          | 16    | 200 | 40 | 100 | 4 |                               |             |                     |              |
| EMR-4R × 17 × 160-C16    | 2                   | A            | 17          | 16    | 160 | 40 | —   | 4 |                               |             |                     |              |
| EMR-4R × 17 × 200-C16    | 2                   | A            | 17          | 16    | 200 | 40 | —   | 4 | RPMW 0802 MO                  | A-4R        | M3 × 7              | T10F<br>T10  |
| EMR-4R × 20 × 160        | 2                   | A            | 20          | 20    | 160 | 50 | —   | 4 |                               |             |                     |              |
| EMR-4R × 20 × 200        | 2                   | B            | 20          | 20    | 200 | 50 | 100 | 4 |                               |             |                     |              |
| EMR-4R × 21 × 160-C20    | 2                   | A            | 21          | 20    | 160 | 50 | —   | 4 |                               |             |                     |              |
| EMR-4R × 21 × 200-C20    | 2                   | A            | 21          | 20    | 200 | 50 | —   | 4 |                               |             |                     |              |
| EMR-5R × 20 × 160        | 2                   | A            | 20          | 20    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 20 × 200        | 2                   | B            | 20          | 20    | 200 | 50 | 100 | 5 |                               |             |                     |              |
| EMR-5R × 21 × 160-C20    | 2                   | A            | 21          | 20    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 160        | 2                   | A            | 25          | 25    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 160-C20    | 2                   | C            | 25          | 20    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 160-C24    | 2                   | A            | 25          | 24    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 200        | 2                   | A            | 25          | 25    | 200 | 75 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 250        | 2                   | B            | 25          | 25    | 250 | 60 | 115 | 5 |                               |             |                     |              |
| EMR-5R × 25 × 200-C20    | 2                   | C            | 25          | 20    | 200 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 25 × 200-C24    | 2                   | A            | 25          | 24    | 200 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 30 × 110-C20    | 2                   | D            | 30          | 20    | 110 | 40 | —   | 5 | RPMW 1003 MO<br>RPMT 10T3 MOE | —           | M4 × 9<br>M3.5 × 10 | T15F<br>T15  |
| EMR-5R × 30 × 110-C19.05 | 2                   | D            | 30          | 19.05 | 110 | 40 | —   | 5 |                               |             |                     |              |
| EMR-5R × 30 × 160-C25    | 2                   | C            | 30          | 25    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 30 × 200-C25    | 2                   | C            | 30          | 25    | 200 | 60 | —   | 5 |                               |             |                     |              |
| EMR-5R × 30 × 250-C25    | 2                   | C            | 30          | 25    | 250 | 60 | —   | 5 |                               |             |                     |              |
| EMR-5R × 35 × 160-C32    | 2/3                 | C            | 35          | 32    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 35 × 200-C32    | 2/3                 | C            | 35          | 32    | 200 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 35 × 250-C32    | 2/3                 | C            | 35          | 32    | 250 | 60 | —   | 5 |                               |             |                     |              |
| EMR-5R × 35 × 300-C32    | 3                   | C            | 35          | 32    | 300 | 60 | —   | 5 |                               |             |                     |              |
| EMR-5R × 35 × 350-C32    | 3                   | C            | 35          | 32    | 350 | 60 | —   | 5 |                               |             |                     |              |
| EMR-5R × 40 × 160-C32    | 3/4                 | C            | 40          | 32    | 160 | 50 | —   | 5 |                               |             |                     |              |
| EMR-5R × 40 × 200-C32    | 4                   | C            | 40          | 32    | 200 | 50 | —   | 5 |                               |             |                     |              |

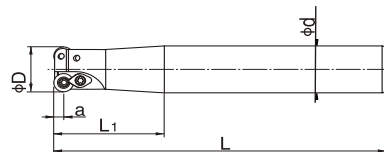
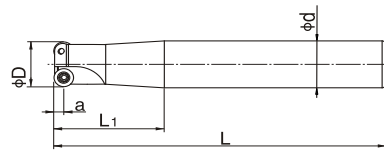


# EMRW 圆鼻立铣刀杆 EMRW round dowel end mill

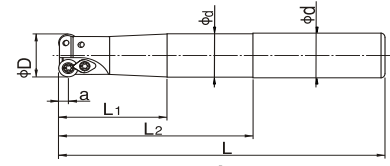


| 型号<br>Cat. No          | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |    |     |                |                |   | 适用刀片<br>Applicable inserts | 压板<br>Clamp | 螺钉<br>Screw | 扳手<br>Wrench |
|------------------------|---------------------|--------------|-------------|----|-----|----------------|----------------|---|----------------------------|-------------|-------------|--------------|
|                        |                     |              | D           | d  | L   | L <sub>1</sub> | L <sub>2</sub> | a |                            |             |             |              |
| EMRW-4R × 12 × 120     | 1                   | A            | 12          | 12 | 120 | 40             | —              | 4 | RPMT 08T2 MOE              | —           |             |              |
| EMRW-4R × 13 × 120-C12 | 1                   | A            | 13          | 12 | 120 | 40             | —              | 4 |                            |             |             |              |
| EMRW-4R × 16 × 120     | 2                   | A            | 16          | 16 | 120 | 40             | —              | 4 | RPMT 08T2 MOE              | A-4R        | M3 × 7      | T8F<br>T8    |
| EMRW-4R × 16 × 160     | 2                   | A            | 16          | 16 | 160 | 40             | —              | 4 |                            |             |             |              |
| EMRW-4R × 16 × 160-C15 | 2                   | A            | 16          | 15 | 160 | 40             | —              | 4 |                            |             |             |              |
| EMRW-4R × 16 × 200     | 2                   | B            | 16          | 16 | 200 | 40             | 100            | 4 |                            |             |             |              |
| EMRW-4R × 17 × 160-C16 | 2                   | A            | 17          | 16 | 160 | 40             | —              | 4 |                            |             |             |              |
| EMRW-4R × 20 × 160     | 2                   | A            | 20          | 20 | 160 | 50             | —              | 4 |                            |             |             |              |
| EMRW-4R × 20 × 200     | 2                   | B            | 20          | 20 | 200 | 50             | 100            | 4 | RPMW/T 1204 MO             | A-6R        | M4 × 10     | T15F<br>T15  |
| EMRW-4R × 21 × 160-C20 | 2                   | A            | 21          | 20 | 160 | 50             | —              | 4 |                            |             |             |              |
| EMRW-6R × 32 × 160-C25 | 2                   | C            | 32          | 25 | 160 | 50             | —              | 6 |                            |             |             |              |
| EMRW-6R × 32 × 160     | 2                   | A            | 32          | 32 | 160 | 50             | —              | 6 |                            |             |             |              |
| EMRW-6R × 32 × 200-C25 | 2                   | C            | 32          | 25 | 200 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 32 × 200     | 2                   | A            | 32          | 32 | 200 | 80             | —              | 6 |                            |             |             |              |
| EMRW-6R × 35 × 160-C32 | 3                   | C            | 35          | 32 | 160 | 50             | —              | 6 |                            |             |             |              |
| EMRW-6R × 35 × 200-C32 | 3                   | C            | 35          | 32 | 200 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 35 × 250-C32 | 3                   | C            | 35          | 32 | 250 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 35 × 300-C32 | 3                   | C            | 35          | 32 | 300 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 35 × 350-C32 | 3                   | C            | 35          | 32 | 350 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 40 × 160-C32 | 3                   | C            | 40          | 32 | 160 | 50             | —              | 6 |                            |             |             |              |
| EMRW-6R × 40 × 200-C32 | 3                   | C            | 40          | 32 | 200 | 50             | —              | 6 |                            |             |             |              |
| EMRW-6R × 40 × 250-C32 | 3                   | C            | 40          | 32 | 250 | 60             | —              | 6 |                            |             |             |              |
| EMRW-6R × 50 × 200-C32 | 4                   | C            | 50          | 32 | 200 | 60             | —              | 6 |                            |             |             |              |

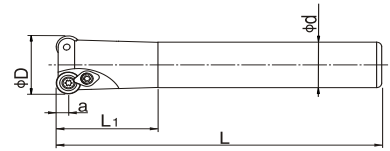
# TRS 圆鼻立铣刀杆 TRS round dowel end mill



**A型**  
A type



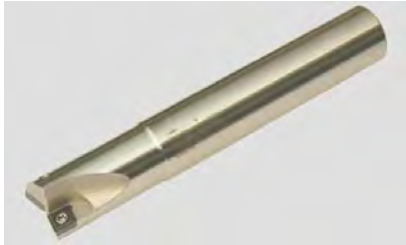
**B型**  
B type



**C型**  
C type

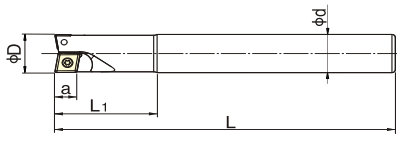
| 型号<br>Cat. No         | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |    |     |                |                |     | 适用刀片<br>Applicable inserts | 压板<br>Clamp | 螺钉<br>Screw                               | 扳手<br>Wrench |
|-----------------------|---------------------|--------------|-------------|----|-----|----------------|----------------|-----|----------------------------|-------------|---|--------------|
|                       |                     |              | D           | d  | L   | L <sub>1</sub> | L <sub>2</sub> | a   |                            |             |   |              |
| TRS-2.5R × 8 × 80     | 1                   | A            | 8           | 8  | 80  | 30             | —              | 2.5 | RDMW 0501 MO               | —           | A18040<br>M1.8 × 4                        | T6F<br>T6    |
| TRS-2.5R × 10 × 120   | 2                   | A            | 10          | 10 | 120 | 30             | —              | 2.5 |                            |             |   |              |
| TRS-2.5R × 12 × 120   | 2                   | A            | 12          | 12 | 120 | 30             | —              | 2.5 |                            |             |   |              |
| TRS-3.5R × 10 × 120   | 1                   | A            | 10          | 10 | 120 | 40             | —              | 3.5 | RDMW 0702 MO               | —           | A25060G<br>M2.5 × 6                       | T8F<br>T8    |
| TRS-3.5R × 12 × 120   | 1                   | A            | 12          | 12 | 120 | 40             | —              | 3.5 |                            |             |   |              |
| TRS-4R × 12 × 120     | 1                   | A            | 12          | 12 | 120 | 40             | —              | 4   | RDMT 0802 MO               | —           | A30070E<br>M3 × 7                         |              |
| TRS-4R × 16 × 120     | 2                   | A            | 16          | 16 | 120 | 40             | —              | 4   |                            |             |   |              |
| TRS-4R × 16 × 160     | 2                   | A            | 16          | 16 | 160 | 40             | —              | 4   |                            |             |   |              |
| TRS-4R × 20 × 160     | 2                   | A            | 20          | 20 | 160 | 50             | —              | 4   |                            |             |   |              |
| TRS-4R × 20 × 200     | 2                   | B            | 20          | 20 | 200 | 50             | 100            | 4   | RDMT 10T3 MO               | A-5R        | A40090F<br>M4 × 9<br>A35100F<br>M3.5 × 10 |              |
| TRS-5R × 20 × 160     | 2                   | A            | 20          | 20 | 160 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 160     | 2                   | A            | 25          | 25 | 160 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 160-C20 | 2                   | C            | 25          | 20 | 160 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 160-C24 | 2                   | A            | 25          | 24 | 160 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 200     | 2                   | A            | 25          | 25 | 200 | 75             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 200-C24 | 2                   | A            | 25          | 24 | 200 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 25 × 250     | 2                   | B            | 25          | 25 | 250 | 60             | 115            | 5   |                            |             |   |              |
| TRS-5R × 30 × 160-C25 | 2                   | C            | 30          | 25 | 160 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 30 × 200-C25 | 2                   | C            | 30          | 25 | 200 | 60             | —              | 5   |                            |             |   |              |
| TRS-5R × 30 × 250-C25 | 2                   | C            | 30          | 25 | 250 | 60             | —              | 5   |                            |             |   |              |
| TRS-5R × 35 × 160-C32 | 3                   | C            | 35          | 32 | 160 | 50             | —              | 5   | RDMT 1204 MO               | A-6R        | A40100J<br>M4 × 10                        |              |
| TRS-5R × 35 × 200-C32 | 3                   | C            | 35          | 32 | 200 | 50             | —              | 5   |                            |             |   |              |
| TRS-5R × 35 × 250-C32 | 3                   | C            | 35          | 32 | 250 | 60             | —              | 5   |                            |             |   |              |
| TRS-6R × 40 × 200-C32 | 3                   | C            | 40          | 32 | 200 | 60             | —              | 6   |                            |             |   |              |
| TRS-6R × 40 × 250-C32 | 3                   | C            | 40          | 32 | 250 | 60             | —              | 6   |                            |             |   |              |

# TJU 钻铣刀杆 TJU borer mill

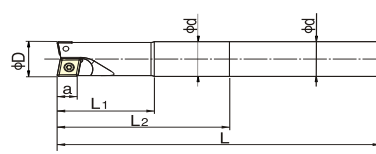


## 刀片配置表 Inserts assign

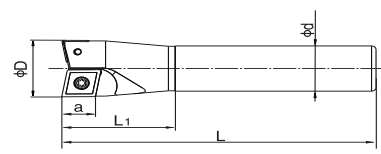
| 刀杆刃径 Flute diameter | 子刃 Slave insert | 親刃 Saster insert |
|---------------------|-----------------|------------------|
| Φ 10                | —               | CCMT060204       |
| Φ 12-13             | —               | CPMT080204Z      |
| Φ 16-17             | CCMT060204      | CPMT080204Z      |
| Φ 20-21             | CCMT060204      | CPMT090204Z      |
| Φ 25-26             | CPMT090308      | CPMT120308Z      |
| Φ 32-33             | CPMT120408      | CPMT160408Z      |
| Φ 40                | CPMT160408      | CPMT190408Z      |



**A型**  
A type



**B型**  
B type



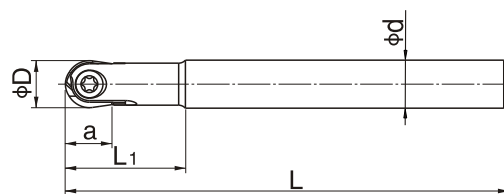
**C型**  
C type

配大小刀片 底刃過中心 鑽銑共用

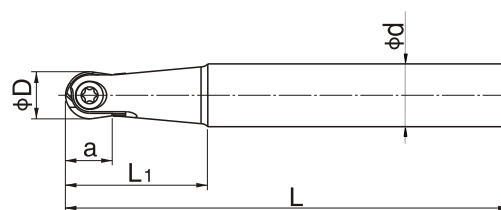
with big, small inserts blade bottom across center drilling and milling use

| 型号<br>Cat. No    | 刃数<br>No. of flutes | 样式<br>Manner | 尺寸 Size(mm) |    |     |                |                |    | 适用刀片<br>Applicable inserts |             | 螺钉<br>Screw                          | 扳手<br>Wrench         |
|------------------|---------------------|--------------|-------------|----|-----|----------------|----------------|----|----------------------------|-------------|--------------------------------------|----------------------|
|                  |                     |              | D           | d  | L   | L <sub>1</sub> | L <sub>2</sub> | a  |                            |             |                                      |                      |
| TJU-10 × 120     | 1                   | A            | 10          | 10 | 120 | 30             | —              | 6  | CCMT060204                 | —           | A25060G<br>M2.5 × 6                  | T8F<br>T8            |
| TJU-12 × 120     | 1                   | A            | 12          | 12 | 120 | 40             | —              | 6  | —                          | CPMT080204Z |                                      |                      |
| TJU-13 × 120-C12 | 1                   | A            | 13          | 12 | 120 | 40             | —              | 6  | —                          | —           |                                      |                      |
| TJU-16 × 120     | 1                   | A            | 16          | 16 | 120 | 40             | —              | 6  | CCMT060204                 | CPMT080204Z | A25060G<br>M2.5 × 6                  | T8F<br>T8            |
| TJU-16 × 160     | 2                   | A            | 16          | 16 | 160 | 40             | —              | 6  |                            |             |                                      |                      |
| TJU-16 × 180     | 2                   | B            | 16          | 16 | 180 | 40             | 90             | 6  |                            |             |                                      |                      |
| TJU-16 × 200     | 2                   | B            | 16          | 16 | 200 | 40             | 100            | 6  |                            |             |                                      |                      |
| TJU-17 × 160-C16 | 2                   | A            | 17          | 16 | 160 | 40             | —              | 6  |                            |             |                                      |                      |
| TJU-17 × 200-C16 | 2                   | A            | 17          | 16 | 200 | 40             | —              | 6  | CCMT060204                 | CPMT090204Z | A25060G/A35080F<br>M2.5 × 6/M3.5 × 8 | T8F/T15F<br>T8/T15   |
| TJU-20 × 120     | 2                   | A            | 20          | 20 | 120 | 40             | —              | 6  |                            |             |                                      |                      |
| TJU-20 × 160     | 2                   | A            | 20          | 20 | 160 | 50             | —              | 6  |                            |             |                                      |                      |
| TJU-20 × 200     | 2                   | B            | 20          | 20 | 200 | 50             | 100            | 6  | CPMT090308                 | CPMT120308Z | A40090F<br>M4 × 9                    | T15F<br>T15          |
| TJU-21 × 160-C20 | 2                   | A            | 21          | 20 | 160 | 40             | —              | 6  |                            |             |                                      |                      |
| TJU-21 × 200-C20 | 2                   | A            | 21          | 20 | 200 | 50             | —              | 6  |                            |             |                                      |                      |
| TJU-25 × 160     | 2                   | A            | 25          | 25 | 160 | 50             | —              | 9  |                            |             |                                      |                      |
| TJU-25 × 200     | 2                   | A            | 25          | 25 | 200 | 75             | —              | 9  |                            |             |                                      |                      |
| TJU-25 × 250     | 2                   | B            | 25          | 25 | 250 | 115            | 115            | 9  | CPMT120408                 | CPMT160408Z | A50120J<br>M5 × 12                   | T20F<br>T20          |
| TJU-26 × 160-C25 | 2                   | A            | 26          | 25 | 160 | 60             | —              | 9  |                            |             |                                      |                      |
| TJU-26 × 200-C25 | 2                   | A            | 26          | 25 | 200 | 50             | —              | 9  |                            |             |                                      |                      |
| TJU-26 × 250-C25 | 2                   | A            | 26          | 25 | 250 | 60             | —              | 9  |                            |             |                                      |                      |
| TJU-32 × 160     | 2                   | A            | 32          | 32 | 160 | 60             | —              | 12 |                            |             |                                      |                      |
| TJU-32 × 200     | 2                   | A            | 32          | 32 | 200 | 60             | —              | 12 | CPMT160408                 | CPMT190408Z | A60210J/M6 × 21<br>A50120/M5 × 12    | T20F/T30F<br>T20/T30 |
| TJU-32 × 250     | 2                   | A            | 32          | 32 | 250 | 80             | —              | 12 |                            |             |                                      |                      |
| TJU-32 × 300     | 2                   | B            | 32          | 32 | 300 | 60             | 165            | 12 |                            |             |                                      |                      |
| TJU-33 × 160-C32 | 2                   | A            | 33          | 32 | 160 | 50             | —              | 12 |                            |             |                                      |                      |
| TJU-33 × 200-C32 | 2                   | A            | 33          | 32 | 200 | 60             | —              | 12 |                            |             |                                      |                      |
| TJU-33 × 250-C32 | 2                   | A            | 33          | 32 | 250 | 80             | —              | 12 | CPMT160408                 | CPMT190408Z | A60210J/M6 × 21<br>A50120/M5 × 12    | T20F/T30F<br>T20/T30 |
| TJU-33 × 300-C32 | 2                   | A            | 33          | 32 | 300 | 80             | —              | 12 |                            |             |                                      |                      |
| TJU-33 × 350-C32 | 2                   | A            | 33          | 32 | 350 | 80             | —              | 12 |                            |             |                                      |                      |
| TJU-40 × 200-C32 | 2                   | C            | 40          | 32 | 200 | 60             | —              | 12 | CPMT160408                 | CPMT190408Z | A60210J/M6 × 21<br>A50120/M5 × 12    | T20F/T30F<br>T20/T30 |
| TJU-40 × 250-C32 | 2                   | C            | 40          | 32 | 250 | 80             | —              | 12 |                            |             |                                      |                      |

## T2139 球形精铣刀杆 T2139 copy end fine mill



**A型**  
A type



**B型**  
B type

| 型号<br>Cat. No         | 样式<br>Manner | 尺寸 Size(mm) |    |     |                |      | 适用刀片<br>Applicable inserts | 螺钉<br>Screw   | 扳手<br>Wrench |
|-----------------------|--------------|-------------|----|-----|----------------|------|----------------------------|---------------|--------------|
|                       |              | D           | d  | L   | L <sub>1</sub> | a    |                            |               |              |
| T2139-4R × 110-C8     | B            | 8           | 8  | 110 | 36             | 5    | P 320□-D 08                | A30070J-4R    | T8F<br>T8    |
| T2139-4R × 110-C10    | B            | 8           | 10 | 110 | 36             | 5    |                            |               |              |
| T2139-4R × 140-C12    | B            | 8           | 12 | 140 | 45             | 5    |                            |               |              |
| T2139-5R × 130-C10    | A            | 10          | 10 | 130 | 40             | 7    | P 320□-D 10                | A40090J-5R    | T15F<br>T15  |
| T2139-5R × 130-C12    | A            | 10          | 12 | 130 | 50             | 7    |                            |               |              |
| T2139-5R × 160-C10    | A            | 10          | 10 | 160 | 40             | 7    |                            |               |              |
| T2139-5R × 160-C12    | B            | 10          | 12 | 160 | 50             | 7    |                            |               |              |
| T2139-6R × 130-C12    | A            | 12          | 12 | 130 | 40             | 8    | P 320□-D 12                | A50090J-6R    | T20F<br>T20  |
| T2139-6R × 160-C12    | A            | 12          | 12 | 160 | 45             | 8    |                            |               |              |
| T2139-6R × 160-C16    | B            | 12          | 16 | 160 | 60             | 8    |                            |               |              |
| T2139-8R × 160-C16    | A            | 16          | 16 | 160 | 60             | 10   | P 320□-D 16                | A50130J-8R    |              |
| T2139-8R × 200-C16    | A            | 16          | 16 | 200 | 80             | 10   |                            |               |              |
| T2139-8R × 200-C20    | B            | 16          | 20 | 200 | 80             | 10   |                            |               |              |
| T2139-10R × 160-C20   | A            | 20          | 20 | 160 | 60             | 12.5 | P 320□-D 20                | A50165J-10R   |              |
| T2139-10R × 200-C20   | A            | 20          | 20 | 200 | 80             | 12.5 |                            |               |              |
| T2139-10R × 250-C25   | B            | 20          | 25 | 250 | 100            | 12.5 |                            |               |              |
| T2139-12.5R × 200-C25 | A            | 25          | 25 | 200 | 65             | 15   | P 320□-D 25                | A60210J-12.5R | T30D/T30     |