



# ER collet

ER precision collet.

● DIN6499 Form B.



| Range(mm) | ER08        | ER11      |
|-----------|-------------|-----------|
| 0.5~1.0   | ER08-M010 * | ER11-M010 |
| 1.0~1.5   | ER08-M015 * | ER11-M015 |
| 1.5~2.0   | ER08-M020 * | ER11-M020 |
| 2.0~2.5   | ER08-M025 * | ER11-M025 |
| 2.5~3.0   | ER08-M030 * | ER11-M030 |
| 3.0~3.5   | ER08-M035 * | ER11-M035 |
| 3.5~4.0   | ER08-M040   | ER11-M040 |
| 4.0~4.5   | ER08-M045   | ER11-M045 |
| 4.5~5.0   | ER08-M050   | ER11-M050 |
| 5.0~5.5   |             | ER11-M055 |
| 5.5~6.0   |             | ER11-M060 |
| 6.0~6.5   |             | ER11-M065 |
| 6.5~7.0   |             | ER11-M070 |

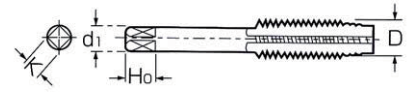
\* Not regular stock items.

| Range(mm) | ER16      | ER20        | ER25        | ER32        | ER40      |
|-----------|-----------|-------------|-------------|-------------|-----------|
| 0.5~1.0   | ER16-M010 | ER20-M010 * | ER25-M010 * |             |           |
| 1.0~2.0   | ER16-M020 | ER20-M020   | ER25-M020   | ER32-M020 * |           |
| 2.0~3.0   | ER16-M030 | ER20-M030   | ER25-M030   | ER32-M030   |           |
| 3.0~4.0   | ER16-M040 | ER20-M040   | ER25-M040   | ER32-M040   | ER40-M040 |
| 4.0~5.0   | ER16-M050 | ER20-M050   | ER25-M050   | ER32-M050   | ER40-M050 |
| 5.0~6.0   | ER16-M060 | ER20-M060   | ER25-M060   | ER32-M060   | ER40-M060 |
| 6.0~7.0   | ER16-M070 | ER20-M070   | ER25-M070   | ER32-M070   | ER40-M070 |
| 7.0~8.0   | ER16-M080 | ER20-M080   | ER25-M080   | ER32-M080   | ER40-M080 |
| 8.0~9.0   | ER16-M090 | ER20-M090   | ER25-M090   | ER32-M090   | ER40-M090 |
| 9.0~10.0  | ER16-M100 | ER20-M100   | ER25-M100   | ER32-M100   | ER40-M100 |
| 10.0~11.0 |           | ER20-M110   | ER25-M110   | ER32-M110   | ER40-M110 |
| 11.0~12.0 |           | ER20-M120   | ER25-M120   | ER32-M120   | ER40-M120 |
| 12.0~13.0 |           | ER20-M130   | ER25-M130   | ER32-M130   | ER40-M130 |
| 13.0~14.0 |           |             | ER25-M140   | ER32-M140   | ER40-M140 |
| 14.0~15.0 |           |             | ER25-M150   | ER32-M150   | ER40-M150 |
| 15.0~16.0 |           |             | ER25-M160   | ER32-M160   | ER40-M160 |
| 16.0~17.0 |           |             |             | ER32-M170   | ER40-M170 |
| 17.0~18.0 |           |             |             | ER32-M180   | ER40-M180 |
| 18.0~19.0 |           |             |             | ER32-M190   | ER40-M190 |
| 19.0~20.0 |           |             |             | ER32-M200   | ER40-M200 |
| 20.0~21.0 |           |             |             |             | ER40-M210 |
| 21.0~22.0 |           |             |             |             | ER40-M220 |
| 22.0~23.0 |           |             |             |             | ER40-M230 |
| 23.0~24.0 |           |             |             |             | ER40-M240 |
| 24.0~25.0 |           |             |             |             | ER40-M250 |
| 25.0~26.0 |           |             |             |             | ER40-M260 |



# ER rigid tapping collet

● JIS, ISO & DIN standard available.



| JIS     |        |             | $\phi d1$ | K(sq) | TER16      | TER20      | TER25      | TER32      | TER40      |
|---------|--------|-------------|-----------|-------|------------|------------|------------|------------|------------|
| M6      | U 1/4  |             | 6.0       | 4.5   | TER16J-060 | TER20J-060 | TER25J-060 | TER32J-060 | TER40J-060 |
| M7,M8   |        |             | 6.2       | 5.0   | TER16J-062 | TER20J-062 | TER25J-062 | TER32J-062 | TER40J-062 |
| M11     | U 7/16 | P1/8, P1/16 | 8.0       | 6.0   | TER16J-080 | TER20J-080 | TER25J-080 | TER32J-080 | TER40J-080 |
| M12     |        |             | 8.5       | 6.5   |            | TER20J-085 | TER25J-085 | TER32J-085 | TER40J-085 |
| M14,M15 | U 9/16 |             | 10.5      | 8.0   |            | TER20J-105 | TER25J-105 | TER32J-105 | TER40J-105 |
| M17     |        |             | 13.0      | 10.0  |            |            | TER25J-130 | TER32J-130 | TER40J-130 |
| M20     |        |             | 15.0      | 12.0  |            |            | TER25J-150 | TER32J-150 | TER40J-150 |
| M22     | U 7/8  |             | 17.0      | 13.0  |            |            |            | TER32J-170 | TER40J-170 |
| M24,M25 | P 5/8  |             | 19.0      | 15.0  |            |            |            | TER32J-190 | TER40J-190 |
| M26,M27 | U 1    |             | 20.0      | 15.0  |            |            |            | TER32J-200 | TER40J-200 |
| M28     |        |             | 21.0      | 17.0  |            |            |            |            | TER40J-210 |

| DIN 374 /376 | DIN 352 /2181 | DIN371  | $\phi d1$ | K(sq) | TER16      | TER20      | TER25      | TER32      | TER40      |
|--------------|---------------|---------|-----------|-------|------------|------------|------------|------------|------------|
|              | M1-M1.8       | M1-M1.8 | 2.5       | 2.1   | TER16D-025 | TER20D-025 | TER25D-025 |            |            |
|              | M2-M2.5       | M2-M2.5 | 2.8       | 2.1   | TER16D-028 | TER20D-028 | TER25D-028 |            |            |
| M5           | M3            | M3      | 3.5       | 2.7   | TER16D-035 | TER20D-035 | TER25D-035 | TER32D-035 | TER40D-035 |
| M5.5         | M3.5          | M3.5    | 4.0       | 3.0   | TER16D-040 | TER20D-040 | TER25D-040 | TER32D-040 | TER40D-040 |
| M6           | M4            | M4      | 4.5       | 3.4   | TER16D-045 | TER20D-045 | TER25D-045 | TER32D-045 | TER40D-045 |
| M7           |               |         | 5.5       | 4.3   | TER16D-055 | TER20D-055 | TER25D-055 | TER32D-055 | TER40D-055 |
| M8           | M4.5-M8       | M4.5-M6 | 6.0       | 4.9   | TER16D-060 | TER20D-060 | TER25D-060 | TER32D-060 | TER40D-060 |
| M9,M10       | M9,M10        | M7      | 7.0       | 5.5   | TER16D-070 | TER20D-070 | TER25D-070 | TER32D-070 | TER40D-070 |
| M11          | M11           | M8      | 8.0       | 6.2   | TER16D-080 | TER20D-080 | TER25D-080 | TER32D-080 | TER40D-080 |
| M12          | M12           | M9      | 9.0       | 7.0   | TER16D-090 | TER20D-090 | TER25D-090 | TER32D-090 | TER40D-090 |
|              |               | M10     | 10.0      | 8.0   | TER16D-100 | TER20D-100 | TER25D-100 | TER32D-100 | TER40D-100 |
| M14          | M14           |         | 11.0      | 9.0   |            | TER20D-110 | TER25D-110 | TER32D-110 | TER40D-110 |
| M16          | M16           |         | 12.0      | 9.0   |            | TER20D-120 | TER25D-120 | TER32D-120 | TER40D-120 |
| M18          | M18           |         | 14.0      | 11.0  |            |            | TER25D-140 | TER32D-140 | TER40D-140 |
| M20          | M20           |         | 16.0      | 12.0  |            |            | TER25D-160 | TER32D-160 | TER40D-160 |
| M22-M24      | M22-M24       |         | 18.0      | 14.5  |            |            |            | TER32D-180 | TER40D-180 |
| M27          | M27           |         | 20.0      | 16.0  |            |            |            | TER32D-200 | TER40D-200 |
| M30          | M30           |         | 22.0      | 18.0  |            |            |            |            | TER40D-220 |
| M33          | M33           |         | 25.0      | 20.0  |            |            |            |            | TER40D-250 |
| M36          | M36           |         | 28.0      | 22.0  |            |            |            |            |            |
| M39-M42      | M39-M42       |         | 32.0      | 24.0  |            |            |            |            |            |

| ISO     |         |        | $\phi d1$ | K(sq) | TER16      | TER20      | TER25      | TER32      | TER40      |
|---------|---------|--------|-----------|-------|------------|------------|------------|------------|------------|
| M3      | U No.4  | U No.5 | 3.15      | 2.50  | TER16S-031 | TER20S-031 | TER25S-031 | TER32S-031 | TER40S-031 |
| M4      | U No.12 |        | 4.00      | 3.15  | TER16S-040 | TER20S-040 | TER25S-040 | TER32S-040 | TER40S-040 |
| M4.5    | U No.8  |        | 4.50      | 3.55  | TER16S-045 | TER20S-045 | TER25S-045 | TER32S-045 | TER40S-045 |
| M6      | U 1/4   |        | 6.30      | 5.00  | TER16S-063 | TER20S-063 | TER25S-063 | TER32S-063 | TER40S-063 |
| M7      | U 3/8   |        | 7.10      | 5.60  | TER16S-071 | TER20S-071 | TER25S-071 | TER32S-071 | TER40S-071 |
| M8      | U 5/16  | P 1/8  | 8.00      | 6.30  | TER16S-080 | TER20S-080 | TER25S-080 | TER32S-080 | TER40S-080 |
| M12     | U 1/2   |        | 9.00      | 7.10  | TER16S-090 | TER20S-090 | TER25S-090 | TER32S-090 | TER40S-090 |
| M14     | U 9/16  |        | 11.20     | 9.00  |            | TER20S-112 | TER25S-112 | TER32S-112 | TER40S-112 |
| M16     | U 5/8   | P 3/8  | 12.50     | 10.00 |            |            | TER25S-125 | TER32S-125 | TER40S-125 |
| M18-M20 | U 3/4   |        | 14.00     | 11.20 |            |            | TER25S-140 | TER32S-140 | TER40S-140 |
| M22     | U 7/8   | P 1/2  | 16.00     | 12.50 |            |            | TER25S-160 | TER32S-160 | TER40S-160 |
| M24     | U 1     | P 6/8  | 18.00     | 14.00 |            |            |            |            | TER40S-180 |