

# DAT CATEGORY

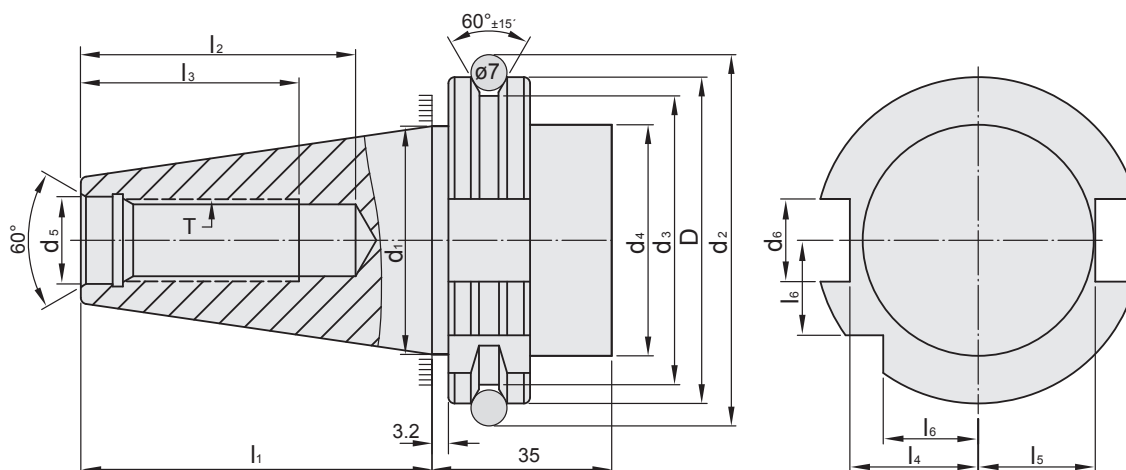
DIN 69871 - A

|                                 |         |
|---------------------------------|---------|
| UT COLLET CHUCK                 | C-3~4   |
| ER COLLET CHUCK                 | C-5~7   |
| ER COLLET CHUCK [M TYPE]        | C-8~9   |
| SK3 COLLET CHUCK                | C-10~11 |
| SBL SLIM-FIT COLLET CHUCK       | C-12    |
| SBLC SLIM-FIT COLLET CHUCK      | C-13    |
| EBL SLIM-FIT COLLET CHUCK       | C-14    |
| EBLC SLIM-FIT COLLET CHUCK      | C-15    |
| HBL SLIM-FIT COLLET CHUCK       | C-16    |
| MLD MULTI-LOCK MILLING CHUCK    | C-17    |
| EOC COLLET CHUCK                | C-18    |
| TG COLLET CHUCK                 | C-19    |
| SAF RUNOUT ADJUSTABLE HOLDER    | C-20~23 |
| SLN SIDE LOCK END MILL HOLDER   | C-24    |
| FACE MILL ARBOR [FMB TYPE]      | C-25~26 |
| FACE MILL ARBOR [FMC TYPE]      | C-27    |
| STA SYNCHRONIZED TAPPING HOLDER | C-28~29 |
| CSR COMBI SHELL END MILL ARBOR  | C-30    |
| SPH DRILL CHUCK ADAPTER         | C-31    |
| SPU DRILL CHUCK ADAPTER         | C-32    |
| EXPANSION ER TAPPER             | C-33    |
| SIDE LOCK OIL HOLE HOLDER       | C-34    |
| OHER OIL HOLE COLLET CHUCK      | C-35    |
| SOM SCREWED END MILL HOLDER     | C-36    |
| MORSE TAPER ADAPTER             | C-37    |
| ADAPTER                         | C-38    |
| BLANK                           | C-39    |

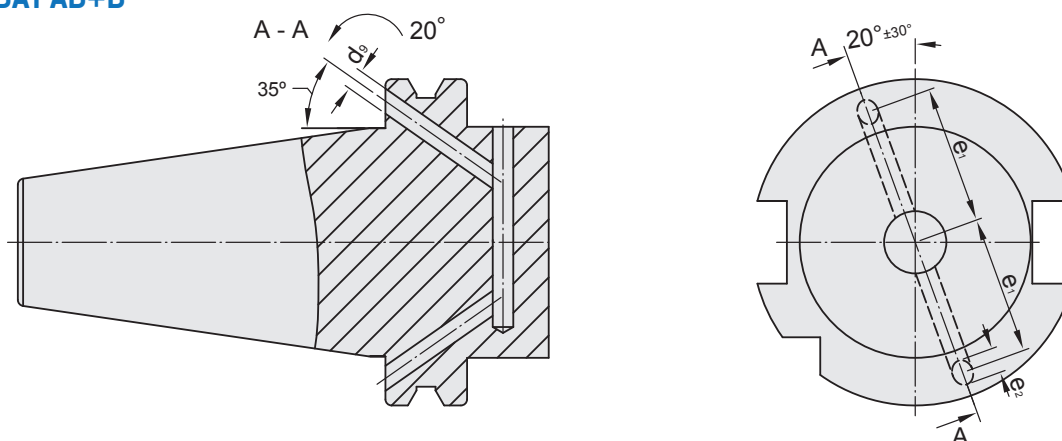
# REFERENCE DETAILS

- ▶ Shank body standard : **DIN 69871**
- ▶ Taper tolerance < **AT3**
- ▶ Hardness > **HRC 56°**
- ▶ Surface roughness: Ra < **0.25  $\mu\text{m}$**
- ▶ Roundness < **0.8  $\mu\text{m}$**
- ▶ Carbon depth > **0.8mm**
- ▶ The shank has pre-balance at G6.3, and can provide precision balance at G2.5.  
It can be ordered by request.

## DIN69871/DAT A



## DIN 69871/DAT AD+B



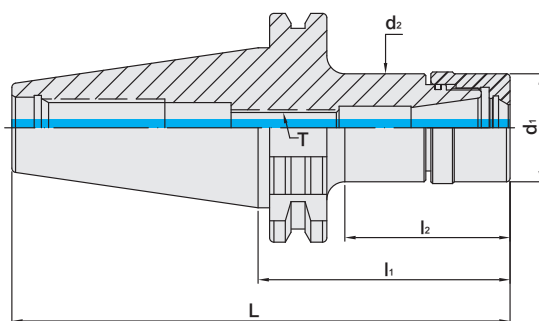
| DAT | D<br>0<br>-0.1        | d <sub>1</sub>        | d <sub>2</sub><br>±0.05     | d <sub>3</sub><br>0<br>-0.5 | d <sub>4</sub><br>max       | d <sub>5</sub><br>H7   | d <sub>6</sub><br>H12 | d <sub>9</sub> | l <sub>1</sub><br>0<br>-0.3 |
|-----|-----------------------|-----------------------|-----------------------------|-----------------------------|-----------------------------|------------------------|-----------------------|----------------|-----------------------------|
| 30  | 50                    | 31.75                 | 59.30                       | 44.30                       | 45                          | 13                     | 16.1                  | 4              | 47.8                        |
| 40  | 63.55                 | 44.45                 | 72.30                       | 56.25                       | 50                          | 17                     | 16.1                  | 4              | 68.4                        |
| 50  | 97.50                 | 69.85                 | 107.25                      | 91.25                       | 80                          | 25                     | 25.7                  | 6              | 101.75                      |
| DAT | l <sub>2</sub><br>min | l <sub>3</sub><br>min | l <sub>4</sub><br>0<br>-0.4 | l <sub>5</sub><br>0<br>-0.4 | l <sub>6</sub><br>0<br>-0.3 | e <sub>1</sub><br>±0.1 | e <sub>2</sub><br>max | T              |                             |
| 30  | 33.5                  | 24                    | 19                          | 16.4                        | 15                          | 21                     | 5                     | M12            |                             |
| 40  | 42.5                  | 32                    | 25                          | 22.8                        | 18.5                        | 27                     | 5                     | M16            |                             |
| 50  | 61.5                  | 47                    | 37.7                        | 35.5                        | 30                          | 42                     | 7                     | M24            |                             |

# DAT / UT COLLET CHUCK

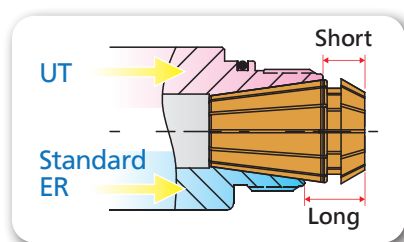
DAT



## DAT / UT 立銑刀夾頭



| MODEL NO.        | TYPE               | L     | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|--------------------|-------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5050-753-016-070 | DAT30 x UT16 - 70  | 117.8 | 70             | 45.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 0.58         |
| 5050-753-016-100 | DAT30 x UT16 - 100 | 147.8 | 100            | 75.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 0.72         |
| 5050-753-016-125 | DAT30 x UT16 - 125 | 172.8 | 125            | 100.9          | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 0.84         |
| 5050-753-016-150 | DAT30 x UT16 - 150 | 197.8 | 150            | 125.9          | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 0.97         |
| 5050-753-020-070 | DAT30 x UT20 - 70  | 117.8 | 70             | 47.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 0.64         |
| 5050-753-020-100 | DAT30 x UT20 - 100 | 147.8 | 100            | 77.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 0.85         |
| 5050-753-020-125 | DAT30 x UT20 - 125 | 172.8 | 125            | 102.9          | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.03         |
| 5050-753-020-150 | DAT30 x UT20 - 150 | 197.8 | 150            | 127.9          | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.22         |
| 5050-753-025-070 | DAT30 x UT25 - 70  | 117.8 | 70             | 49.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 0.69         |
| 5050-753-025-100 | DAT30 x UT25 - 100 | 147.8 | 100            | 79.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.00         |
| 5050-753-025-150 | DAT30 x UT25 - 150 | 197.8 | 150            | 129.9          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.53         |
| 5050-753-032-070 | DAT30 x UT32 - 70  | 117.8 | 70             | 50.1           | 48             | 45             | M16 x 2.0P  | 2 ~ 20     | 0.69         |
| 5050-753-032-100 | DAT30 x UT32 - 100 | 147.8 | 100            | 80.1           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.09         |
| 5050-753-032-125 | DAT30 x UT32 - 125 | 172.8 | 125            | 105.1          | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.42         |
| 5050-753-032-150 | DAT30 x UT32 - 150 | 197.8 | 150            | 130.1          | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.74         |



### Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders
- ▶ UT nuts without slots reduce the wind shear at high speed

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ DAT30 tool holders are without coolant supply over collars.

### Standard Accessory: • NUT

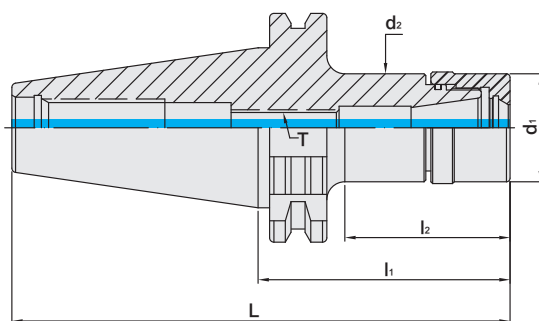
| Collet    | Nut    | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|--------|-----------|-------------|-----------------------------------|---------------------|--------------|
|           |        |           |             |                                   |                     |              |
| P.X-18~21 | P.X-53 | P.X-67    | PX-73、75、82 | P.X-77                            | P.X-78              | P.X-111      |



# DAT / UT COLLET CHUCK



## DAT / UT 立銑刀夾頭



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5051-753-016-070 | DAT40 x UT16 - 70  | 138.4  | 70             | 45.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 1.01         |
| 5051-753-016-100 | DAT40 x UT16 - 100 | 168.4  | 100            | 75.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 1.14         |
| 5051-753-016-125 | DAT40 x UT16 - 125 | 193.4  | 125            | 100.9          | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 1.24         |
| 5051-753-016-150 | DAT40 x UT16 - 150 | 218.4  | 150            | 125.9          | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 1.35         |
| 5051-753-020-070 | DAT40 x UT20 - 70  | 138.4  | 70             | 45.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.07         |
| 5051-753-020-100 | DAT40 x UT20 - 100 | 168.4  | 100            | 75.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.27         |
| 5051-753-020-125 | DAT40 x UT20 - 125 | 193.4  | 125            | 100.9          | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.44         |
| 5051-753-020-150 | DAT40 x UT20 - 150 | 218.4  | 150            | 125.9          | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 1.61         |
| 5051-753-025-070 | DAT40 x UT25 - 70  | 138.4  | 70             | 45.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.14         |
| 5051-753-025-100 | DAT40 x UT25 - 100 | 168.4  | 100            | 75.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.43         |
| 5051-753-025-150 | DAT40 x UT25 - 150 | 218.4  | 150            | 125.9          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.90         |
| 5051-753-032-070 | DAT40 x UT32 - 70  | 138.4  | 70             | 50.1           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.17         |
| 5051-753-032-100 | DAT40 x UT32 - 100 | 168.4  | 100            | 80.1           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.55         |
| 5051-753-032-125 | DAT40 x UT32 - 125 | 193.4  | 125            | 105.1          | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 1.87         |
| 5051-753-032-150 | DAT40 x UT32 - 150 | 218.4  | 150            | 130.1          | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 2.19         |
| 5052-753-016-070 | DAT50 x UT16 - 70  | 171.75 | 70             | 45.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 2.75         |
| 5052-753-016-100 | DAT50 x UT16 - 100 | 201.75 | 100            | 70.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 2.91         |
| 5052-753-016-125 | DAT50 x UT16 - 125 | 226.75 | 125            | 95.9           | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 2.98         |
| 5052-753-016-150 | DAT50 x UT16 - 150 | 251.75 | 150            | 120.9          | 30             | 30             | M10 x 1.5P  | 1 ~ 10     | 3.08         |
| 5052-753-020-070 | DAT50 x UT20 - 70  | 171.75 | 70             | 40.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 2.85         |
| 5052-753-020-100 | DAT50 x UT20 - 100 | 201.75 | 100            | 70.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 3.01         |
| 5052-753-020-125 | DAT50 x UT20 - 125 | 226.75 | 125            | 95.9           | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 3.14         |
| 5052-753-020-150 | DAT50 x UT20 - 150 | 251.75 | 150            | 120.9          | 35             | 36             | M12 x 1.75P | 1 ~ 13     | 3.27         |
| 5052-753-025-070 | DAT50 x UT25 - 70  | 171.75 | 70             | 45.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 2.90         |
| 5052-753-025-100 | DAT50 x UT25 - 100 | 201.75 | 100            | 70.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 3.17         |
| 5052-753-025-150 | DAT50 x UT25 - 150 | 251.75 | 150            | 120.9          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 3.68         |
| 5052-753-032-070 | DAT50 x UT32 - 70  | 171.75 | 70             | 45.9           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 2.94         |
| 5052-753-032-100 | DAT50 x UT32 - 100 | 201.75 | 100            | 70.9           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 3.32         |
| 5052-753-032-125 | DAT50 x UT32 - 125 | 226.75 | 125            | 95.9           | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 3.60         |
| 5052-753-032-150 | DAT50 x UT32 - 150 | 251.75 | 150            | 120.9          | 48             | 48             | M16 x 2.0P  | 2 ~ 20     | 3.89         |

### Features:

- ▶ The deeper holder gauge line optimizes the coverage of ER spring collet and increases machining stability.
- ▶ UT clamping nut is designed without eccentric. Used with ER and ERE spring collets.
- ▶ The O-ring design on the front of holders prevents chips and coolant from entering holders
- ▶ UT nuts without slots reduce the wind shear at high speed

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

### Standard Accessory: • NUT

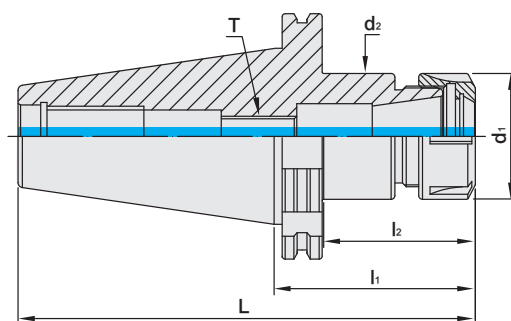
| Collet    | Nut    | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|--------|-----------|-------------|-----------------------------------|---------------------|--------------|
|           |        |           |             |                                   |                     |              |
| P.X-18~21 | P.X-53 | P.X-67    | PX-73、75、82 | P.X-77                            | P.X-78              | P.X-111      |

# DAT / ER COLLET CHUCK

DAT



## DAT / ER 立銑刀夾頭



| MODEL NO.        | TYPE                | L     | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|-------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5050-108-011-080 | DAT30 x ER11A - 80  | 127.8 | 80             | 50.9           | 19             | 19             | M6 x 1.0P   | 1 ~ 7      | 0.60         |
| 5050-108-016-063 | DAT30 x ER16A - 63  | 110.8 | 63             | 40.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 0.70         |
| 5050-108-016-120 | DAT30 x ER16A - 120 | 167.8 | 120            | 92.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 0.85         |
| 5050-108-020-063 | DAT30 x ER20A - 63  | 110.8 | 63             | 38.9           | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 0.80         |
| 5050-108-020-120 | DAT30 x ER20A - 120 | 167.8 | 120            | 95.9           | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 1.05         |
| 5050-110-025-063 | DAT30 x ER25 - 63   | 110.8 | 63             | 43.1           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 0.85         |
| 5050-110-032-063 | DAT30 x ER32 - 63   | 110.8 | 63             | 43.9           | 50             | 44.7           | M16 x 2.0P  | 2 ~ 20     | 0.90         |

### Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ DAT30 tool holders are without coolant supply over collars.

### Standard Accessory: • NUT

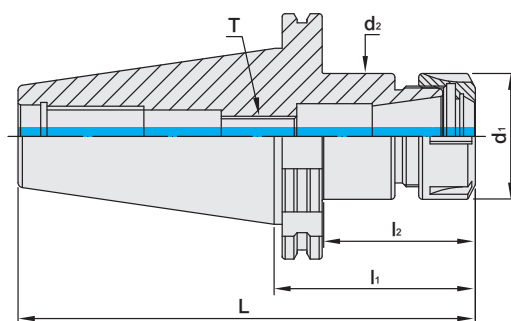
| Collet    | Nut       | Pull Stud | Spanner        | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|-----------|-----------|----------------|-----------------------------------|---------------------|--------------|
|           |           |           |                |                                   |                     |              |
| P.X-18~38 | P.X-54~58 | P.X-67    | PX-73~76、79、82 | P.X-77                            | P.X-78              | P.X-111      |



# DAT / ER COLLET CHUCK



## DAT / ER 立銑刀夾頭



| MODEL NO.        | TYPE                | L     | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|-------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5051-108-011-080 | DAT40 x ER11A - 80  | 148.4 | 80             | 50.9           | 19             | 19             | M6 x 1.0P   | 1 ~ 7      | 1.05         |
| 5051-108-011-125 | DAT40 x ER11A - 125 | 193.4 | 125            | 95.9           | 19             | 19             | M6 x 1.0P   | 1 ~ 7      | 1.15         |
| 5051-108-016-070 | DAT40 x ER16A - 70  | 138.4 | 70             | 40.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 1.05         |
| 5051-108-016-100 | DAT40 x ER16A - 100 | 168.4 | 100            | 70.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 1.15         |
| 5051-108-016-125 | DAT40 x ER16A - 125 | 193.4 | 125            | 95.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 1.25         |
| 5051-108-016-150 | DAT40 x ER16A - 150 | 218.4 | 150            | 120.9          | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 1.40         |
| 5051-108-016-180 | DAT40 x ER16A - 180 | 248.4 | 180            | 150.9          | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 1.85         |
| 5051-108-020-070 | DAT40 x ER20A - 70  | 138.4 | 70             | 47.9           | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 1.10         |
| 5051-108-020-100 | DAT40 x ER20A - 100 | 168.4 | 100            | 70.9           | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 1.30         |
| 5051-108-020-135 | DAT40 x ER20A - 135 | 203.4 | 135            | 105.9          | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 1.95         |
| 5051-108-020-160 | DAT40 x ER20A - 160 | 228.4 | 160            | 130.9          | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 2.20         |
| 5051-110-025-070 | DAT40 x ER25 - 70   | 138.4 | 70             | 50.1           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.15         |
| 5051-110-025-100 | DAT40 x ER25 - 100  | 168.4 | 100            | 80.1           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 1.45         |
| 5051-110-025-150 | DAT40 x ER25 - 150  | 218.4 | 150            | 130.1          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 2.00         |
| 5051-110-025-180 | DAT40 x ER25 - 180  | 248.4 | 180            | 160.1          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 2.45         |
| 5051-110-025-200 | DAT40 x ER25 - 200  | 268.4 | 200            | 180.1          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 2.55         |
| 5051-110-032-070 | DAT40 x ER32 - 70   | 138.4 | 70             | 50.1           | 50             | 49.7           | M16 x 2.0P  | 2 ~ 20     | 1.22         |
| 5051-110-032-100 | DAT40 x ER32 - 100  | 168.4 | 100            | 80.1           | 50             | 49.5           | M16 x 2.0P  | 2 ~ 20     | 1.62         |
| 5051-110-032-135 | DAT40 x ER32 - 135  | 203.4 | 135            | 115.1          | 50             | 49.7           | M16 x 2.0P  | 2 ~ 20     | 2.15         |
| 5051-110-032-150 | DAT40 x ER32 - 150  | 218.4 | 150            | 130.1          | 50             | 49.7           | M16 x 2.0P  | 2 ~ 20     | 2.65         |
| 5051-110-040-070 | DAT40 x ER40 - 70   | 138.4 | 70             | 50.1           | 63             | 50             | M20 x 2.0P  | 3 ~ 26     | 1.25         |
| 5051-110-040-100 | DAT40 x ER40 - 100  | 168.4 | 100            | 80.1           | 63             | 50             | M20 x 2.0P  | 3 ~ 26     | 1.65         |
| 5051-110-040-135 | DAT40 x ER40 - 135  | 203.4 | 135            | 115.1          | 63             | 50             | M20 x 2.0P  | 3 ~ 26     | 2.30         |
| 5051-110-050-100 | DAT40 x ER50 - 100  | 168.4 | 100            | 65             | 78             | 64             | M24 x 2.0P  | 6 ~ 34     | 1.70         |

### Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

### Standard Accessory: • NUT

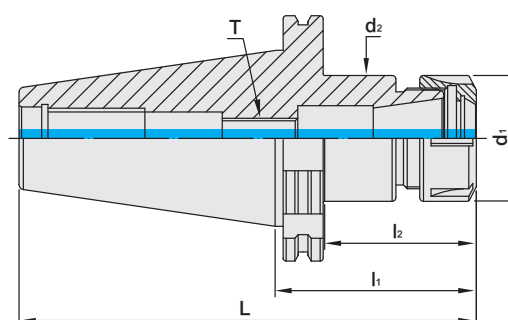
| Collet   | Nut      | Pull Stud | Spanner        | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|----------|----------|-----------|----------------|-----------------------------------|---------------------|--------------|
|          |          |           |                |                                   |                     |              |
| PX-18~38 | PX-54~58 | PX-67     | PX-73~76、79、82 | PX-77                             | PX-78               | PX-111       |

# DAT / ER COLLET CHUCK

DAT



## DAT / ER 立銑刀夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5052-108-016-100 | DAT50 x ER16A - 100 | 201.75 | 100            | 70.9           | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 3.20         |
| 5052-108-016-135 | DAT50 x ER16A - 135 | 236.75 | 135            | 105.9          | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 4.30         |
| 5052-108-016-160 | DAT50 x ER16A - 160 | 261.75 | 160            | 130.9          | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 4.50         |
| 5052-108-016-180 | DAT50 x ER16A - 180 | 281.75 | 180            | 150.9          | 28             | 28             | M10 x 1.5P  | 1 ~ 10     | 4.80         |
| 5052-108-020-100 | DAT50 x ER20A - 100 | 201.75 | 100            | 70.9           | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 3.40         |
| 5052-108-020-135 | DAT50 x ER20A - 135 | 236.75 | 135            | 105.9          | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 3.60         |
| 5052-108-020-160 | DAT50 x ER20A - 160 | 261.75 | 160            | 130.9          | 34             | 34             | M12 x 1.75P | 1 ~ 13     | 3.80         |
| 5052-110-025-070 | DAT50 x ER25 - 70   | 171.75 | 70             | 40.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 3.40         |
| 5052-110-025-100 | DAT50 x ER25 - 100  | 201.75 | 100            | 70.9           | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 3.54         |
| 5052-110-025-150 | DAT50 x ER25 - 150  | 251.75 | 150            | 120.9          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 4.50         |
| 5052-110-025-200 | DAT50 x ER25 - 200  | 301.75 | 200            | 170.9          | 42             | 42             | M16 x 2.0P  | 1 ~ 16     | 4.70         |
| 5052-110-032-080 | DAT50 x ER32 - 80   | 181.75 | 80             | 50.9           | 50             | 50             | M20 x 2.0P  | 2 ~ 20     | 3.60         |
| 5052-110-032-120 | DAT50 x ER32 - 120  | 221.75 | 120            | 90.9           | 50             | 50             | M20 x 2.0P  | 2 ~ 20     | 4.50         |
| 5052-110-032-160 | DAT50 x ER32 - 160  | 261.75 | 160            | 130.9          | 50             | 50             | M20 x 2.0P  | 2 ~ 20     | 4.60         |
| 5052-110-032-200 | DAT50 x ER32 - 200  | 301.75 | 200            | 170.9          | 50             | 50             | M20 x 2.0P  | 2 ~ 20     | 5.16         |
| 5052-110-040-080 | DAT50 x ER40 - 80   | 181.75 | 80             | 50.9           | 63             | 60             | M20 x 2.0P  | 3 ~ 26     | 3.65         |
| 5052-110-040-120 | DAT50 x ER40 - 120  | 221.75 | 120            | 90.9           | 63             | 60             | M20 x 2.0P  | 3 ~ 26     | 4.42         |
| 5052-110-040-160 | DAT50 x ER40 - 160  | 261.75 | 160            | 130.9          | 63             | 60             | M20 x 2.0P  | 3 ~ 26     | 5.20         |
| 5052-110-040-200 | DAT50 x ER40 - 200  | 301.75 | 200            | 170.9          | 63             | 60             | M20 x 2.0P  | 3 ~ 26     | 5.40         |
| 5052-110-050-080 | DAT50 x ER50 - 80   | 181.75 | 80             | 57.9           | 78             | -              | M24 x 2.0P  | 6 ~ 34     | 4.85         |
| 5052-110-050-120 | DAT50 x ER50 - 120  | 221.75 | 120            | 99.9           | 78             | 78             | M24 x 2.0P  | 6 ~ 34     | 5.45         |
| 5052-110-050-160 | DAT50 x ER50 - 160  | 261.75 | 160            | 139.9          | 78             | 78             | M24 x 2.0P  | 6 ~ 34     | 5.55         |
| 5052-110-050-200 | DAT50 x ER50 - 200  | 301.75 | 200            | 179.9          | 78             | 78             | M24 x 2.0P  | 6 ~ 34     | 5.70         |

### Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

### Standard Accessory: • NUT

| Collet    | Nut       | Pull Stud | Spanner        | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|-----------|-----------|----------------|-----------------------------------|---------------------|--------------|
|           |           |           |                |                                   |                     |              |
| P.X-18~38 | P.X-54~58 | P.X-67    | PX-73~76、79、82 | P.X-77                            | P.X-78              | P.X-111      |

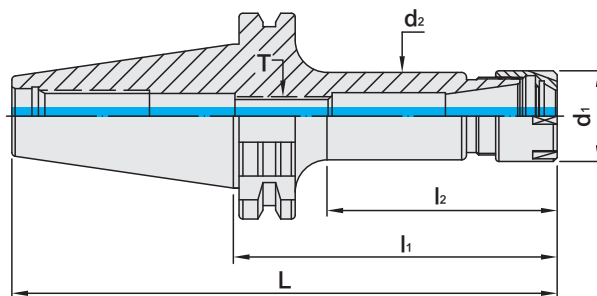


# DAT / ER COLLET CHUCK

## M TYPE



### M 型 DAT / ER 立銑刀夾頭



| MODEL NO.        | TYPE                | L     | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|-------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5050-123-011-070 | DAT30 x ER11M - 70  | 117.8 | 70             | 40.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 0.50         |
| 5050-123-011-100 | DAT30 x ER11M - 100 | 147.8 | 100            | 70.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 0.60         |
| 5050-123-011-120 | DAT30 x ER11M - 120 | 167.8 | 120            | 90.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 0.70         |
| 5050-123-016-070 | DAT30 x ER16M - 70  | 117.8 | 70             | 40.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 0.55         |
| 5050-123-016-100 | DAT30 x ER16M - 100 | 147.8 | 100            | 70.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 0.65         |
| 5050-123-016-120 | DAT30 x ER16M - 120 | 167.8 | 120            | 90.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 0.75         |
| 5050-123-020-100 | DAT30 x ER20M - 100 | 147.8 | 100            | 75.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 0.70         |
| 5050-123-020-120 | DAT30 x ER20M - 120 | 167.8 | 120            | 95.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 0.80         |
| 5050-123-020-150 | DAT30 x ER20M - 150 | 197.8 | 150            | 125.9          | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 1.00         |
| 5051-123-011-070 | DAT40 x ER11M - 70  | 138.4 | 70             | 40.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 0.84         |
| 5051-123-011-100 | DAT40 x ER11M - 100 | 168.4 | 100            | 70.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 0.86         |
| 5051-123-011-125 | DAT40 x ER11M - 125 | 193.4 | 125            | 95.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 1.00         |
| 5051-123-011-150 | DAT40 x ER11M - 150 | 218.4 | 150            | 120.9          | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 1.00         |
| 5051-123-016-070 | DAT40 x ER16M - 70  | 138.4 | 70             | 40.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 0.96         |
| 5051-123-016-100 | DAT40 x ER16M - 100 | 168.4 | 100            | 70.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 1.00         |
| 5051-123-016-125 | DAT40 x ER16M - 125 | 193.4 | 125            | 95.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 1.05         |
| 5051-123-016-150 | DAT40 x ER16M - 150 | 218.4 | 150            | 120.9          | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 1.14         |
| 5051-123-020-070 | DAT40 x ER20M - 70  | 138.4 | 70             | 40.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 1.20         |
| 5051-123-020-100 | DAT40 x ER20M - 100 | 168.4 | 100            | 70.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 1.55         |
| 5051-123-020-125 | DAT40 x ER20M - 125 | 193.4 | 125            | 95.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 1.70         |
| 5051-123-020-150 | DAT40 x ER20M - 150 | 218.4 | 150            | 120.9          | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 1.80         |

#### Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

#### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

#### Standard Accessory: • NUT

| Collet   | Nut   | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|----------|-------|-----------|-------------|-----------------------------------|---------------------|--------------|
|          |       |           |             |                                   |                     |              |
| PX-18~38 | PX-55 | PX-67     | PX-73~74、79 | PX-77                             | PX-78               | PX-111       |



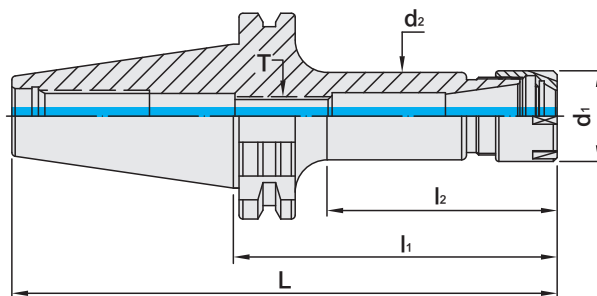
# DAT / ER COLLET CHUCK

## M TYPE

DAT



### M 型 DAT / ER 立銑刀夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5052-123-011-070 | DAT50 x ER11M - 70  | 171.75 | 70             | 40.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 3.80         |
| 5052-123-011-090 | DAT50 x ER11M - 90  | 191.75 | 90             | 60.9           | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 3.90         |
| 5052-123-011-105 | DAT50 x ER11M - 105 | 206.75 | 105            | 56.33          | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 4.00         |
| 5052-123-011-135 | DAT50 x ER11M - 135 | 236.75 | 135            | 86.33          | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 4.10         |
| 5052-123-011-165 | DAT50 x ER11M - 165 | 266.75 | 165            | 98.23          | 16             | 15             | M6 x 1.0P   | 1 ~ 7      | 4.20         |
| 5052-123-016-070 | DAT50 x ER16M - 70  | 171.75 | 70             | 40.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 3.90         |
| 5052-123-016-090 | DAT50 x ER16M - 90  | 191.75 | 90             | 60.9           | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 4.00         |
| 5052-123-016-105 | DAT50 x ER16M - 105 | 206.75 | 105            | 68.76          | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 4.10         |
| 5052-123-016-135 | DAT50 x ER16M - 135 | 236.75 | 135            | 98.76          | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 4.20         |
| 5052-123-016-165 | DAT50 x ER16M - 165 | 266.75 | 165            | 128.76         | 22             | 21             | M10 x 1.5P  | 1 ~ 10     | 4.30         |
| 5052-123-020-090 | DAT50 x ER20M - 90  | 191.75 | 90             | 60.9           | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 4.10         |
| 5052-123-020-105 | DAT50 x ER20M - 105 | 206.75 | 105            | 71.76          | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 4.20         |
| 5052-123-020-135 | DAT50 x ER20M - 135 | 236.75 | 135            | 101.76         | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 4.40         |
| 5052-123-020-165 | DAT50 x ER20M - 165 | 266.75 | 165            | 131.76         | 28             | 27             | M12 x 1.75P | 1 ~ 13     | 4.60         |

#### Features:

- ▶ According to ISO 15488.
- ▶ This ER collet chuck has superior flexibility for use with all tool types, e.g. drills, taps, mills, reamers.
- ▶ It is recommended to tighten the clamping nuts using a torque wrench. Refer to the catalogue page of ER POWER GOOD NUT for the info. of recommended tightening torque.

#### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

#### Standard Accessory: • NUT

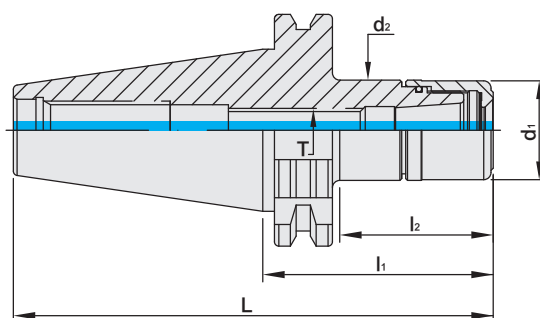
| Collet   | Nut   | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|----------|-------|-----------|-------------|-----------------------------------|---------------------|--------------|
|          |       |           |             |                                   |                     |              |
| PX-18~38 | PX-55 | PX-67     | PX-73~74、79 | PX-77                             | PX-78               | PX-111       |



# DAT / SK3 COLLET CHUCK



## DAT / SK3 高速機專用夾頭



| MODEL NO.        | TYPE                | L     | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|-------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5050-763-006-060 | DAT30 x SK306 - 60  | 107.8 | 60             | 38.9           | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 0.90         |
| 5050-763-006-080 | DAT30 x SK306 - 80  | 127.8 | 80             | 58.9           | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 1.00         |
| 5050-763-010-060 | DAT30 x SK310 - 60  | 107.8 | 60             | 38.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 0.90         |
| 5050-763-010-080 | DAT30 x SK310 - 80  | 127.8 | 80             | 58.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 1.00         |
| 5050-763-013-060 | DAT30 x SK313 - 60  | 107.8 | 60             | 38.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 1.10         |
| 5050-763-013-080 | DAT30 x SK313 - 80  | 127.8 | 80             | 58.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 1.00         |
| 5050-763-016-060 | DAT30 x SK316 - 60  | 107.8 | 60             | 38.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 1.20         |
| 5050-763-016-080 | DAT30 x SK316 - 80  | 127.8 | 80             | 58.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 1.30         |
| 5050-763-020-060 | DAT30 x SK320 - 60  | 107.8 | 60             | 40.9           | 48             | -              | -           | 3 ~ 20     | 0.60         |
| 5050-763-020-090 | DAT30 x SK320 - 90  | 137.8 | 90             | 55             | 48             | 48.5           | M22 x 1.5P  | 3 ~ 20     | 1.00         |
| 5051-763-006-080 | DAT40 x SK306 - 80  | 148.4 | 80             | 42.75          | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 1.10         |
| 5051-763-006-100 | DAT40 x SK306 - 100 | 168.4 | 100            | 62.75          | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 1.30         |
| 5051-763-006-120 | DAT40 x SK306 - 120 | 188.4 | 120            | 82.75          | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 1.40         |
| 5051-763-010-080 | DAT40 x SK310 - 80  | 148.4 | 80             | 50.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 1.10         |
| 5051-763-010-100 | DAT40 x SK310 - 100 | 168.4 | 100            | 70.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 1.30         |
| 5051-763-010-120 | DAT40 x SK310 - 120 | 188.4 | 120            | 90.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 1.40         |
| 5051-763-013-080 | DAT40 x SK313 - 80  | 148.4 | 80             | 55.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 1.10         |
| 5051-763-013-100 | DAT40 x SK313 - 100 | 168.4 | 100            | 75.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 1.30         |
| 5051-763-013-120 | DAT40 x SK313 - 120 | 188.4 | 120            | 95.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 1.40         |
| 5051-763-016-080 | DAT40 x SK316 - 80  | 148.4 | 80             | 55.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 1.20         |
| 5051-763-016-100 | DAT40 x SK316 - 100 | 168.4 | 100            | 75.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 1.40         |
| 5051-763-016-120 | DAT40 x SK316 - 120 | 188.4 | 120            | 95.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 1.50         |
| 5051-763-020-090 | DAT40 x SK320 - 90  | 158.4 | 90             | 70             | 48             | 48.5           | M22 x 1.5P  | 3 ~ 20     | 1.50         |
| 5051-763-020-120 | DAT40 x SK320 - 120 | 188.4 | 120            | 100            | 48             | 48.5           | M22 x 1.5P  | 3 ~ 20     | 1.90         |
| 5051-763-025-090 | DAT40 x SK325 - 90  | 158.4 | 90             | 55             | 55             | 55             | M28 x 2.0P  | 3 ~ 25.4   | 1.60         |
| 5051-763-025-120 | DAT40 x SK325 - 120 | 188.4 | 120            | 85             | 55             | 55             | M28 x 2.0P  | 3 ~ 25.4   | 2.10         |

### Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

### Product information:

- ▶ DAT30 tool holders are without coolant supply over collars.
- ▶ AD+B type is available, please inform us when making an order.

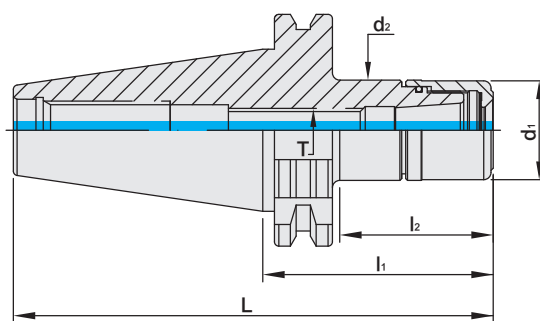
### Standard Accessory: • NUT

| Collet    | Nut    | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|--------|-----------|-------------|-----------------------------------|---------------------|--------------|
|           |        |           |             |                                   |                     |              |
| P.X-39-41 | P.X-58 | P.X-67    | PX-73、75、82 | P.X-77                            | P.X-78              | P.X-111      |

# DAT / SK3 COLLET CHUCK



## DAT / SK3 高速機專用夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|------------|--------------|
| 5052-763-006-080 | DAT50 x SK306 - 80  | 181.75 | 80             | 40.5           | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 4.00         |
| 5052-763-006-100 | DAT50 x SK306 - 100 | 201.75 | 100            | 60.5           | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 4.10         |
| 5052-763-006-120 | DAT50 x SK306 - 120 | 221.75 | 120            | 80.5           | 19.5           | 19.5           | M8 x 1.25P  | 1 ~ 6      | 4.20         |
| 5052-763-010-080 | DAT50 x SK310 - 80  | 181.75 | 80             | 50.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 4.10         |
| 5052-763-010-100 | DAT50 x SK310 - 100 | 201.75 | 100            | 70.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 4.20         |
| 5052-763-010-120 | DAT50 x SK310 - 120 | 221.75 | 120            | 90.9           | 27.5           | 27.5           | M12 x 1.75P | 2 ~ 10     | 4.30         |
| 5052-763-013-080 | DAT50 x SK313 - 80  | 181.75 | 80             | 50.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 4.20         |
| 5052-763-013-100 | DAT50 x SK313 - 100 | 201.75 | 100            | 70.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 4.30         |
| 5052-763-013-120 | DAT50 x SK313 - 120 | 221.75 | 120            | 90.9           | 33             | 33             | M12 x 1.75P | 2 ~ 13     | 4.40         |
| 5052-763-016-080 | DAT50 x SK316 - 80  | 181.75 | 80             | 50.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 4.30         |
| 5052-763-016-100 | DAT50 x SK316 - 100 | 201.75 | 100            | 70.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 4.40         |
| 5052-763-016-120 | DAT50 x SK316 - 120 | 221.75 | 120            | 90.9           | 40             | 40             | M18 x 1.5P  | 2 ~ 16     | 4.50         |
| 5052-763-020-105 | DAT50 x SK320 - 105 | 206.75 | 105            | 80.9           | 48             | 48.5           | M22 x 1.5P  | 3 ~ 20     | 4.10         |
| 5052-763-020-135 | DAT50 x SK320 - 135 | 236.75 | 135            | 110.9          | 48             | 48.5           | M22 x 1.5P  | 3 ~ 20     | 4.60         |
| 5052-763-025-105 | DAT50 x SK325 - 105 | 206.75 | 105            | 80.9           | 55             | 55             | M28 x 2.0P  | 3 ~ 25.4   | 4.20         |
| 5052-763-025-150 | DAT50 x SK325 - 150 | 251.75 | 150            | 125.9          | 55             | 55             | M28 x 2.0P  | 3 ~ 25.4   | 4.90         |

### Features:

- ▶ Using 4° taper angle collets achieves higher clamping power and stability than 8° design of the ER system.
- ▶ Smaller OD nuts without slots are ideal for high-speed machining with less interference.
- ▶ Dustproof design of adding O rings prevents metal chips and coolants from getting into tool holders.

### Product information:

- ▶ AD+B type is available, please inform us when making an order.

### Standard Accessory: • NUT

| Collet    | Nut    | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|-----------|--------|-----------|-------------|-----------------------------------|---------------------|--------------|
|           |        |           |             |                                   |                     |              |
| P.X-39-41 | P.X-58 | P.X-67    | PX-73、75、82 | P.X-77                            | P.X-78              | P.X-111      |

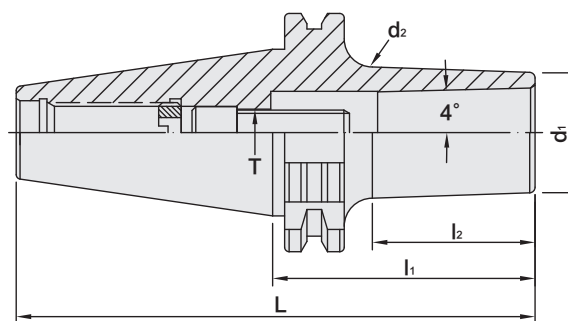


# DAT / SBL SLIM-FIT COLLET CHUCK

5 $\mu$ m

BALANCE  
G2.5  
25,000 RPM

DAT / SBL 後拉式立銑刀夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | RECOMMENDED TORQUE |        | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|--------------------|--------|------------|--------------|
|                  |                     |        |                |                |                |                |             | N.m                | lbf-ft |            |              |
| 5050-648-006-070 | DAT30 x SBL6 - 70   | 117.8  | 70             | 41             | 14             | 18             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 0.39         |
| 5050-648-006-100 | DAT30 x SBL6 - 100  | 147.8  | 100            | 71             | 14             | 21             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 0.40         |
| 5050-648-012-070 | DAT30 x SBL12 - 70  | 117.8  | 70             | 48             | 26             | 31             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 0.42         |
| 5050-648-012-100 | DAT30 x SBL12 - 100 | 147.8  | 100            | 78             | 26             | 34             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 0.43         |
| 5050-648-020-080 | DAT30 x SBL20 - 80  | 127.8  | 80             | 58             | 34             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 0.44         |
| 5050-648-020-100 | DAT30 x SBL20 - 100 | 147.8  | 100            | 79             | 34             | 39             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 0.45         |
| 5051-648-006-070 | DAT40 x SBL6 - 70   | 138.4  | 70             | 36             | 14             | 17             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 1.00         |
| 5051-648-006-100 | DAT40 x SBL6 - 100  | 168.4  | 100            | 58             | 14             | 20             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 1.10         |
| 5051-648-008-100 | DAT40 x SBL8 - 100  | 168.4  | 100            | 66.6           | 20             | 26.9           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.25         |
| 5051-648-008-130 | DAT40 x SBL8 - 130  | 198.4  | 130            | 101.4          | 20             | 30.6           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.19         |
| 5051-648-008-150 | DAT40 x SBL8 - 150  | 218.4  | 150            | 126            | 20             | 33             | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.32         |
| 5051-648-012-070 | DAT40 x SBL12 - 70  | 138.4  | 70             | 41             | 26             | 29             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 1.20         |
| 5051-648-012-100 | DAT40 x SBL12 - 100 | 168.4  | 100            | 71             | 26             | 32             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 1.30         |
| 5051-648-012-170 | DAT40 x SBL12 - 170 | 238.4  | 170            | 146            | 26             | 38             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 2.00         |
| 5051-648-020-070 | DAT40 x SBL20 - 70  | 138.4  | 70             | 41             | 35             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 1.30         |
| 5051-648-020-100 | DAT40 x SBL20 - 100 | 168.4  | 100            | 78             | 35             | 41             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 1.40         |
| 5051-648-025-080 | DAT40 x SBL25 - 80  | 148.4  | 80             | 58             | 40             | 45             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 1.50         |
| 5051-648-025-100 | DAT40 x SBL25 - 100 | 168.4  | 100            | 79             | 40             | 46             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 1.60         |
| 5052-648-006-070 | DAT50 x SBL6 - 70   | 171.75 | 70             | 36             | 14             | 17             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 2.80         |
| 5052-648-006-100 | DAT50 x SBL6 - 100  | 201.75 | 100            | 66             | 14             | 20             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 2.90         |
| 5052-648-008-100 | DAT50 x SBL8 - 100  | 201.75 | 100            | 71.4           | 20             | 27.4           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 2.81         |
| 5052-648-008-130 | DAT50 x SBL8 - 130  | 231.75 | 130            | 101.4          | 20             | 30.6           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 2.98         |
| 5052-648-008-150 | DAT50 x SBL8 - 150  | 251.75 | 150            | 121.4          | 20             | 32.7           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 3.11         |
| 5052-648-012-070 | DAT50 x SBL12 - 70  | 171.75 | 70             | 41             | 26             | 29             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 3.00         |
| 5052-648-012-100 | DAT50 x SBL12 - 100 | 201.75 | 100            | 71             | 26             | 32             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 3.10         |
| 5052-648-020-070 | DAT50 x SBL20 - 70  | 171.75 | 70             | 41             | 35             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.20         |
| 5052-648-020-100 | DAT50 x SBL20 - 100 | 201.75 | 100            | 71             | 35             | 41             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.30         |
| 5052-648-020-170 | DAT50 x SBL20 - 170 | 271.75 | 170            | 139            | 35             | 47             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.90         |
| 5052-648-025-070 | DAT50 x SBL25 - 70  | 171.75 | 70             | 39             | 40             | 43             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 3.20         |
| 5052-648-025-100 | DAT50 x SBL25 - 100 | 201.75 | 100            | 71             | 40             | 46             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 3.40         |

## Features:

- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ Taper angle 4° increases the stability of clamping precision.
- ▶ T.I.R. is within 5 $\mu$ m at 4D distance.

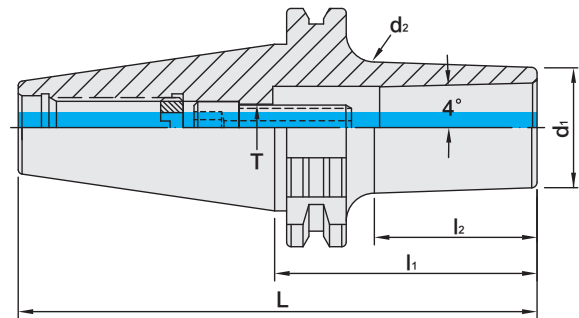
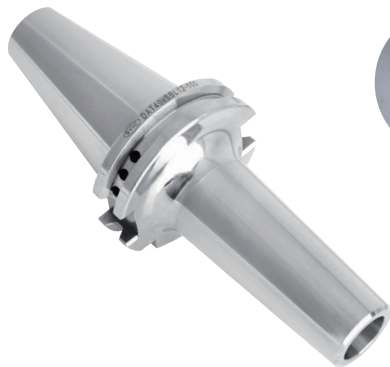
| Collet | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | Screw   |
|--------|-----------|-----------------------------------|---------------------|---------|---------|
|        |           |                                   |                     |         |         |
| P.X-42 | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-114 |

# DAT / SBLC SLIM-FIT COLLET CHUCK

DAT



DAT / SBLC 後拉式立銑刀夾頭



| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | RECOMMENDED TORQUE |        | SIZE RANGE | WEIGHT (KGS) |
|------------------|----------------------|--------|----------------|----------------|----------------|----------------|-------------|--------------------|--------|------------|--------------|
|                  |                      |        |                |                |                |                |             | N.m                | 1bf-ft |            |              |
| 5050-623-006-070 | DAT30 x SBLC6 - 70   | 117.8  | 70             | 41             | 14             | 18             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 0.39         |
| 5050-623-006-100 | DAT30 x SBLC6 - 100  | 147.8  | 100            | 71             | 14             | 21             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 0.40         |
| 5050-623-012-070 | DAT30 x SBLC12 - 70  | 117.8  | 70             | 48             | 26             | 31             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 0.42         |
| 5050-623-012-100 | DAT30 x SBLC12 - 100 | 147.8  | 100            | 78             | 26             | 34             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 0.43         |
| 5050-623-020-080 | DAT30 x SBLC20 - 80  | 127.8  | 80             | 58             | 34             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 0.44         |
| 5050-623-020-100 | DAT30 x SBLC20 - 100 | 147.8  | 100            | 79             | 34             | 39             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 0.45         |
| 5051-623-006-070 | DAT40 x SBLC6 - 70   | 138.4  | 70             | 36             | 14             | 17             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 1.00         |
| 5051-623-006-100 | DAT40 x SBLC6 - 100  | 168.4  | 100            | 58             | 14             | 20             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 1.10         |
| 5051-623-008-100 | DAT40 x SBLC8 - 100  | 168.4  | 100            | 71.4           | 20             | 27.4           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.25         |
| 5051-623-008-130 | DAT40 x SBLC8 - 130  | 198.4  | 130            | 101.4          | 20             | 30.6           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.19         |
| 5051-623-008-150 | DAT40 x SBLC8 - 150  | 218.4  | 150            | 121.4          | 20             | 32.6           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 1.32         |
| 5051-623-012-070 | DAT40 x SBLC12 - 70  | 138.4  | 70             | 41             | 26             | 29             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 1.20         |
| 5051-623-012-100 | DAT40 x SBLC12 - 100 | 168.4  | 100            | 71             | 26             | 32             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 1.30         |
| 5051-623-012-170 | DAT40 x SBLC12 - 170 | 238.4  | 170            | 146            | 26             | 38             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 2.00         |
| 5051-623-020-070 | DAT40 x SBLC20 - 70  | 138.4  | 70             | 41             | 35             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 1.30         |
| 5051-623-020-100 | DAT40 x SBLC20 - 100 | 168.4  | 100            | 78             | 35             | 41             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 1.40         |
| 5051-623-025-080 | DAT40 x SBLC25 - 80  | 148.4  | 80             | 58             | 40             | 45             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 1.50         |
| 5051-623-025-100 | DAT40 x SBLC25 - 100 | 168.4  | 100            | 79             | 40             | 46             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 1.60         |
| 5052-623-006-070 | DAT50 x SBLC6 - 70   | 171.75 | 70             | 36             | 14             | 17             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 2.80         |
| 5052-623-006-100 | DAT50 x SBLC6 - 100  | 201.75 | 100            | 66             | 14             | 20             | M6 x 1.0P   | 12                 | 9      | 3 ~ 6      | 2.90         |
| 5052-623-008-100 | DAT50 x SBLC8 - 100  | 201.75 | 100            | 71.4           | 20             | 27.4           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 2.81         |
| 5052-623-008-130 | DAT50 x SBLC8 - 130  | 231.75 | 130            | 101.4          | 20             | 30.6           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 2.98         |
| 5052-623-008-150 | DAT50 x SBLC8 - 150  | 251.75 | 150            | 121.4          | 20             | 32.7           | M8 x 1.25P  | 29                 | 21     | 3 ~ 8      | 3.11         |
| 5052-623-012-070 | DAT50 x SBLC12 - 70  | 171.75 | 70             | 41             | 26             | 29             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 3.00         |
| 5052-623-012-100 | DAT50 x SBLC12 - 100 | 201.75 | 100            | 71             | 26             | 32             | M10 x 1.5P  | 45                 | 33     | 3 ~ 12     | 3.10         |
| 5052-623-020-070 | DAT50 x SBLC20 - 70  | 171.75 | 70             | 41             | 35             | 38             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.20         |
| 5052-623-020-100 | DAT50 x SBLC20 - 100 | 201.75 | 100            | 71             | 35             | 41             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.30         |
| 5052-623-020-170 | DAT50 x SBLC20 - 170 | 271.75 | 170            | 139            | 35             | 47             | M12 x 1.75P | 60                 | 44     | 3 ~ 20     | 3.90         |
| 5052-623-025-070 | DAT50 x SBLC25 - 70  | 171.75 | 70             | 39             | 40             | 43             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 3.20         |
| 5052-623-025-100 | DAT50 x SBLC25 - 100 | 201.75 | 100            | 71             | 40             | 46             | M16 x 1.5P  | 90                 | 66     | 6 ~ 25.4   | 3.40         |

## Features:

- ▶ SBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ The design of non-clamping nut and slim front ends reduces interference, ideal for deep hole machining.
- ▶ T.I.R. is within 5μm at 4D distance.

## Product information:

- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.
- ▶ Used with SLC sealed collet and coolant through cutters.

## Standard Accessory: • SPANNER

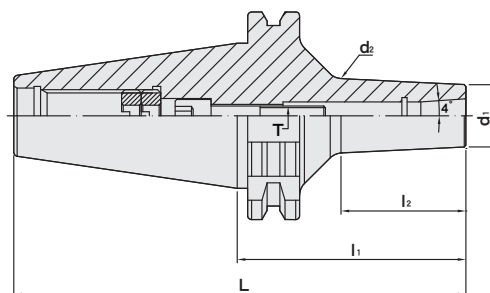
| Sealed Collet | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | Screw   |
|---------------|-----------|-----------------------------------|---------------------|---------|---------|
|               |           |                                   |                     |         |         |
| P.X-43        | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-114 |



# DAT / EBL SLIM-FIT COLLET CHUCK



DAT / EBL 後拉式刀桿



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T          | RECOMMENDED TORQUE |        | SIZE RANGE | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----------------|----------------|------------|--------------------|--------|------------|--------------|
|                  |                    |        |                |                |                |                |            | N.m                | lbf-ft |            |              |
| 5050-277-006-070 | DAT30 x EBL6 - 70  | 117.8  | 70             | 41.6           | 19.05          | 23.1           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.51         |
| 5050-277-006-100 | DAT30 x EBL6 - 100 | 147.8  | 100            | 73.1           | 19.05          | 26.2           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.60         |
| 5051-277-006-070 | DAT40 x EBL6 - 70  | 138.4  | 70             | 38.2           | 19.05          | 22.7           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.99         |
| 5051-277-006-100 | DAT40 x EBL6 - 100 | 168.4  | 100            | 69.7           | 19.05          | 25.8           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 1.09         |
| 5051-277-008-070 | DAT40 x EBL8 - 70  | 138.4  | 70             | 36.5           | 22.225         | 25.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 1.01         |
| 5051-277-008-100 | DAT40 x EBL8 - 100 | 168.4  | 100            | 68.1           | 22.225         | 28.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 1.13         |
| 5052-277-006-070 | DAT50 x EBL6 - 70  | 171.75 | 70             | 38.2           | 19.05          | 22.7           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 2.77         |
| 5052-277-006-100 | DAT50 x EBL6 - 100 | 201.75 | 100            | 69.7           | 19.05          | 25.8           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 2.80         |
| 5052-277-008-070 | DAT50 x EBL8 - 70  | 171.75 | 70             | 36.5           | 22.225         | 25.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 2.79         |
| 5052-277-008-100 | DAT50 x EBL8 - 100 | 201.75 | 100            | 68.1           | 22.225         | 28.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 2.85         |



▶ SBL



▶ EBL

## Features:

- ▶ EBL collet with extended length shortens tool overhanging length and improves the machining stability.
- ▶ The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.

## Product information:

- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

## Standard Accessory: • SPANNER

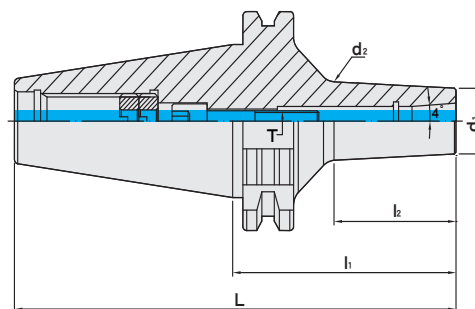
| Collet | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | Screw   |
|--------|-----------|-----------------------------------|---------------------|---------|---------|
|        |           |                                   |                     |         |         |
| P.X-44 | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-114 |

# DAT / EBLC SLIM-FIT COLLET CHUCK

DAT



## DAT / EBLC 後拉式刀桿



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T          | RECOMMENDED TORQUE |        | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|------------|--------------------|--------|------------|--------------|
|                  |                     |        |                |                |                |                |            | N.m                | lbf-ft |            |              |
| 5050-195-006-070 | DAT30 x EBLC6 - 70  | 117.8  | 70             | 41.6           | 19.05          | 23.1           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.51         |
| 5050-195-006-100 | DAT30 x EBLC6 - 100 | 147.8  | 100            | 73.1           | 19.05          | 26.2           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.60         |
| 5051-195-006-070 | DAT40 x EBLC6 - 70  | 138.4  | 70             | 38.2           | 19.05          | 22.7           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 0.99         |
| 5051-195-006-100 | DAT40 x EBLC6 - 100 | 168.4  | 100            | 69.7           | 19.05          | 25.8           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 1.09         |
| 5051-195-008-070 | DAT40 x EBLC8 - 70  | 138.4  | 70             | 36.5           | 22.225         | 25.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 1.01         |
| 5051-195-008-100 | DAT40 x EBLC8 - 100 | 168.4  | 100            | 68.1           | 22.225         | 28.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 1.13         |
| 5052-195-006-070 | DAT50 x EBLC6 - 70  | 171.75 | 70             | 38.2           | 19.05          | 22.7           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 2.77         |
| 5052-195-006-100 | DAT50 x EBLC6 - 100 | 201.75 | 100            | 69.7           | 19.05          | 25.8           | M6 x 1.0P  | 12                 | 9      | 3 ~ 6      | 2.80         |
| 5052-195-008-070 | DAT50 x EBLC8 - 70  | 171.75 | 70             | 36.5           | 22.225         | 25.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 2.79         |
| 5052-195-008-100 | DAT50 x EBLC8 - 100 | 201.75 | 100            | 68.1           | 22.225         | 28.8           | M8 x 1.25P | 29                 | 21     | 3 ~ 8      | 2.85         |



▶ SBLC



▶ EBLC

### Features:

- ▶ EBLC collet chuck used for center coolant improves the metal chip removal capability and the surface finish of the workpiece.
- ▶ EBL sealed collet with extended length shortens tool overhanging length and improves the machining stability.
- ▶ The optimized design of thicker neck improves the machining rigidity and eliminates vibration, resulting in excellent surface finish of workpiece.
- ▶ EBL sealed collet is capable of coolant pressure up to 25bar.

### Product information:

- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

### Standard Accessory: • SPANNER

| Collet | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | Screw   |
|--------|-----------|-----------------------------------|---------------------|---------|---------|
|        |           |                                   |                     |         |         |
| P.X-44 | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-114 |



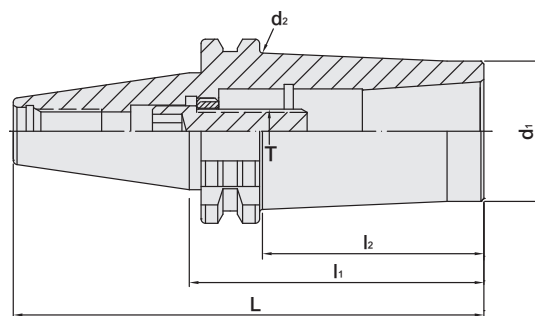


# DAT / HBL SLIM-FIT COLLET CHUCK

5 $\mu$ m

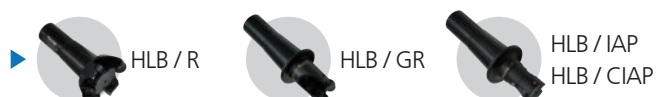
BALANCE  
G2.5  
25,000 RPM

DAT / HBL 後拉式立銑刀夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|--------------|
| 5050-275-012-070 | DAT30 x HBL12 - 70  | 117.8  | 70             | 48.03          | 31.75          | 35.23          | M10 x 1.5P  | 0.62         |
| 5050-275-012-100 | DAT30 x HBL12 - 100 | 147.8  | 100            | 78.03          | 31.75          | 37.70          | M10 x 1.5P  | 0.63         |
| 5050-275-020-080 | DAT30 x HBL20 - 80  | 127.8  | 80             | 60.14          | 38.1           | 42.48          | M12 x 1.75P | 0.64         |
| 5050-275-020-100 | DAT30 x HBL20 - 100 | 147.8  | 100            | 79.94          | 38.1           | 42.95          | M12 x 1.75P | 0.65         |
| 5051-275-012-070 | DAT40 x HBL12 - 70  | 138.4  | 70             | 41.34          | 31.75          | 34.49          | M10 x 1.5P  | 1.40         |
| 5051-275-012-100 | DAT40 x HBL12 - 100 | 168.4  | 100            | 71.34          | 31.75          | 37.11          | M10 x 1.5P  | 1.50         |
| 5051-275-020-070 | DAT40 x HBL20 - 70  | 138.4  | 70             | 46.12          | 38.1           | 41.25          | M12 x 1.75P | 1.50         |
| 5051-275-020-100 | DAT40 x HBL20 - 100 | 168.4  | 100            | 78.03          | 38.1           | 44.04          | M12 x 1.75P | 1.60         |
| 5051-275-025-080 | DAT40 x HBL25 - 80  | 148.4  | 80             | 58.03          | 44.45          | 48.6           | M16 x 1.5P  | 1.70         |
| 5051-275-025-100 | DAT40 x HBL25 - 100 | 168.4  | 100            | 80.1           | 44.45          | 49.5           | M16 x 1.5P  | 1.80         |
| 5052-275-012-070 | DAT50 x HBL12 - 70  | 171.75 | 70             | 41.34          | 31.75          | 34.49          | M10 x 1.5P  | 3.20         |
| 5052-275-012-100 | DAT50 x HBL12 - 100 | 201.75 | 100            | 71.34          | 31.75          | 37.11          | M10 x 1.5P  | 3.30         |
| 5052-275-020-070 | DAT50 x HBL20 - 70  | 171.75 | 70             | 41.34          | 38.1           | 40.84          | M12 x 1.75P | 3.40         |
| 5052-275-020-100 | DAT50 x HBL20 - 100 | 201.75 | 100            | 71.34          | 38.1           | 43.47          | M12 x 1.75P | 3.50         |
| 5052-275-025-070 | DAT50 x HBL25 - 70  | 171.75 | 70             | 46.1           | 44.45          | 47.6           | M16 x 1.5P  | 3.50         |
| 5052-275-025-100 | DAT50 x HBL25 - 100 | 201.75 | 100            | 76.1           | 44.45          | 50.2           | M16 x 1.5P  | 3.60         |

## HLB Cutter for HBL Slim-Fit Collet Chuck



### Features:

- ▶ Two-face contact between collet taper, collet flange and the end of HBL tool holder, increases the rigidity of machining.
- ▶ Modular system, assembled with HLB tools.
- ▶ HBL drawbar clamping design strengthens the axial clamping force.

### Product information:

- ▶ Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ When assembling with coolant through HLB cutter SLC sealed collet, please change the screw into coolant screw, which is available to order separately.
- ▶ AD+B type is available, please inform us when making an order.

### Standard Accessory: • SPANNER

| SLC Collet | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | HLB CUTTER | Screw   |
|------------|-----------|-----------------------------------|---------------------|---------|------------|---------|
|            |           |                                   |                     |         |            |         |
| P.X-42~43  | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-83~97  | P.X-114 |



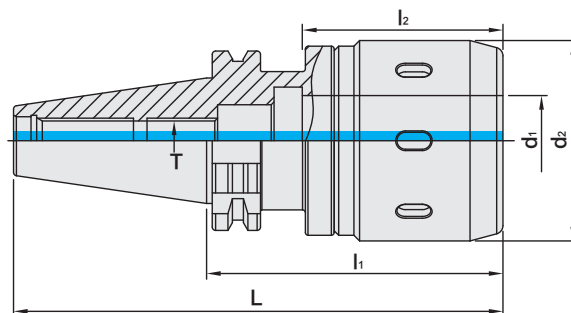
# DAT / MLD MULTI-LOCK MILLING CHUCK

DAT

DAT / MLD 直式筒夾 銑床夾頭



台灣精品 2007  
TAIWAN EXCELLENCE



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|-------------|--------------|
| 5050-460-012-080 | DAT30 x MLD12 - 80  | 127.8  | 80             | 46.7           | 12             | 42             | M12 x 1.75P | 1.40         |
| 5050-460-016-080 | DAT30 x MLD16 - 80  | 127.8  | 80             | 56.7           | 16             | 48             | M12 x 1.75P | 1.60         |
| 5050-460-020-085 | DAT30 x MLD20 - 85  | 132.8  | 85             | 59.3           | 20             | 56.5           | M16 x 2.0P  | 1.90         |
| 5050-460-020-100 | DAT30 x MLD20 - 100 | 147.8  | 100            | 59.3           | 20             | 56.5           | M16 x 2.0P  | 2.10         |
| 5051-460-012-075 | DAT40 x MLD12 - 75  | 143.4  | 75             | 46.7           | 12             | 42             | M12 x 1.75P | 2.10         |
| 5051-460-016-080 | DAT40 x MLD16 - 80  | 148.4  | 80             | 56.7           | 16             | 48             | M12 x 1.75P | 2.20         |
| 5051-460-020-085 | DAT40 x MLD20 - 85  | 153.4  | 85             | 59.3           | 20             | 56.5           | M16 x 2.0P  | 2.40         |
| 5051-460-020-135 | DAT40 x MLD20 - 135 | 203.4  | 135            | 59.3           | 20             | 56.5           | M16 x 2.0P  | 2.50         |
| 5051-460-025-095 | DAT40 x MLD25 - 95  | 163.4  | 95             | 58.2           | 25             | 60             | M16 x 2.0P  | 2.00         |
| 5051-460-032-105 | DAT40 x MLD32 - 105 | 173.4  | 105            | 71.7           | 32             | 71             | M16 x 2.0P  | 2.70         |
| 5051-460-032-135 | DAT40 x MLD32 - 135 | 203.4  | 135            | 71.7           | 32             | 71             | M16 x 2.0P  | 3.00         |
| 5052-460-012-075 | DAT50 x MLD12 - 75  | 176.75 | 75             | 46.7           | 12             | 42             | M12 x 1.75P | 3.20         |
| 5052-460-016-075 | DAT50 x MLD16 - 75  | 176.75 | 75             | 56.7           | 16             | 48             | M12 x 1.75P | 3.20         |
| 5052-460-020-105 | DAT50 x MLD20 - 105 | 206.75 | 105            | 59.3           | 20             | 56.5           | M16 x 2.0P  | 4.50         |
| 5052-460-020-150 | DAT50 x MLD20 - 150 | 251.75 | 150            | 59.3           | 20             | 56.5           | M16 x 2.0P  | 4.90         |
| 5052-460-025-105 | DAT50 x MLD25 - 105 | 206.75 | 105            | 58.2           | 25             | 60             | M24 x 3.0P  | 4.10         |
| 5052-460-032-105 | DAT50 x MLD32 - 105 | 206.75 | 105            | 71.7           | 32             | 71             | M24 x 3.0P  | 5.10         |
| 5052-460-032-135 | DAT50 x MLD32 - 135 | 236.75 | 135            | 71.7           | 32             | 71             | M24 x 3.0P  | 5.90         |
| 5052-460-042-115 | DAT50 x MLD42 - 115 | 216.75 | 115            | 84.8           | 42             | 90             | M24 x 3.0P  | 5.00         |

## Features:

- ▶ The special slotted design of the internal hole increases the clamping force and decreases vibration, making this milling chuck set suitable for heavy-duty machining.
- ▶ Collet runout accuracy: HSC collet 5μm and SSC collet 20μm two options to choose from.
- ▶ After fastening, the nuts and tool holders contact tight to enhance the cutting rigidity and achieve dustproof purposes.
- ▶ Coolant options: through the center of the holder or cutter. Use a sealed cap and SR ring for coolant through the cutter.

## Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

## Standard Accessory: • NUT

| Collet    | Sealed Cap | SR Sealed Ring | Pull Stud | Spanner   | Spanner | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Set Screw |
|-----------|------------|----------------|-----------|-----------|---------|-----------------------------------|---------------------|-----------|
|           |            |                |           |           |         |                                   |                     |           |
| P.X-46~47 | P.X-62     | P.X-63         | P.X-67    | P.X-79~80 | P.X-82  | P.X-73、77                         | P.X-78              | P.X-111   |

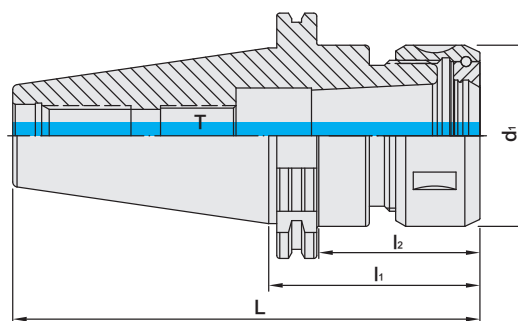


# DAT / EOC COLLET CHUCK



DAT / EOC 立銑刀夾頭

(ISO 10897)



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|-------------|------------|--------------|
| 5050-121-025-080 | DAT30 x EOC25 - 80  | 127.8  | 80             | 60.1           | 60             | M12 x 1.75P | 3 ~ 25     | 1.50         |
| 5051-121-025-080 | DAT40 x EOC25 - 80  | 148.4  | 80             | 60.1           | 60             | M16 x 2.0P  | 3 ~ 25     | 1.85         |
| 5051-121-025-100 | DAT40 x EOC25 - 100 | 168.4  | 100            | 80.1           | 60             | M16 x 2.0P  | 3 ~ 25     | 2.30         |
| 5051-121-025-120 | DAT40 x EOC25 - 120 | 188.4  | 120            | 83.9           | 60             | M16 x 2.0P  | 3 ~ 25     | 2.55         |
| 5051-121-032-090 | DAT40 x EOC32 - 90  | 158.4  | 90             | 70.1           | 72             | M20 x 2.0P  | 4 ~ 32     | 1.95         |
| 5051-121-032-120 | DAT40 x EOC32 - 120 | 188.4  | 120            | 83.9           | 72             | M20 x 2.0P  | 4 ~ 32     | 2.35         |
| 5052-121-025-070 | DAT50 x EOC25 - 70  | 171.75 | 70             | 50.1           | 60             | M16 x 2.0P  | 3 ~ 25     | 3.25         |
| 5052-121-025-140 | DAT50 x EOC25 - 140 | 241.75 | 140            | 115.9          | 60             | M16 x 2.0P  | 3 ~ 25     | 5.10         |
| 5052-121-032-080 | DAT50 x EOC32 - 80  | 181.75 | 80             | 60.1           | 72             | M24 x 2.0P  | 4 ~ 32     | 4.40         |
| 5052-121-032-140 | DAT50 x EOC32 - 140 | 241.75 | 140            | 120.1          | 72             | M24 x 2.0P  | 4 ~ 32     | 5.70         |

## Features:

- ▶ Attached with POWER GOOD EOC clamping nuts, good clamping force, and suitable for heavy-duty machining.
- ▶ Used with DIN 6388 EOC and SYOZ collets.
- ▶ Standard tool kits of 7PC and 15PC are available.

## Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

## Standard Accessory: • NUT

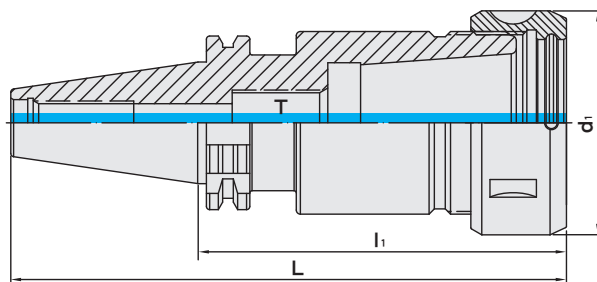
| Collet | Nut    | Pull Stud | Spanner      | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|--------|--------|-----------|--------------|-----------------------------------|---------------------|--------------|
|        |        |           |              |                                   |                     |              |
| P.X-49 | P.X-61 | P.X-67    | P.X-73~74、80 | P.X-77                            | P.X-78              | P.X-111      |

# DAT / TG COLLET CHUCK

DAT



## DAT / TG 立銑刀夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | d <sub>1</sub> | T           | SIZE RANGE | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|-------------|------------|--------------|
| 5050-691-075-070 | DAT30 x TG75 - 70   | 117.8  | 70             | 50             | M16 x 2.0P  | 3 ~ 16     | 1.10         |
| 5050-691-100-080 | DAT30 x TG100 - 80  | 127.8  | 80             | 60             | M12 x 1.75P | 3 ~ 25     | 1.20         |
| 5051-691-100-080 | DAT40 x TG100 - 80  | 148.4  | 80             | 60             | M16 x 2.0P  | 3 ~ 25     | 1.20         |
| 5051-691-100-100 | DAT40 x TG100 - 100 | 168.4  | 100            | 60             | M16 x 2.0P  | 3 ~ 25     | 1.30         |
| 5051-691-100-120 | DAT40 x TG100 - 120 | 188.4  | 120            | 60             | M16 x 2.0P  | 3 ~ 25     | 2.40         |
| 5051-691-150-105 | DAT40 x TG150 - 105 | 173.4  | 105            | 82             | M24 x 2.0P  | 4 ~ 38     | 2.70         |
| 5051-691-150-120 | DAT40 x TG150 - 120 | 188.4  | 120            | 82             | M24 x 2.0P  | 4 ~ 38     | 2.90         |
| 5051-691-150-135 | DAT40 x TG150 - 135 | 203.4  | 135            | 82             | M24 x 2.0P  | 4 ~ 38     | 3.20         |
| 5052-691-100-070 | DAT50 x TG100 - 70  | 171.75 | 70             | 60             | M24 x 2.0P  | 3 ~ 25     | 3.40         |
| 5052-691-100-100 | DAT50 x TG100 - 100 | 201.75 | 100            | 60             | M24 x 2.0P  | 3 ~ 25     | 4.40         |
| 5052-691-100-120 | DAT50 x TG100 - 120 | 221.75 | 120            | 60             | M24 x 2.0P  | 3 ~ 25     | 5.10         |
| 5052-691-150-100 | DAT50 x TG150 - 100 | 201.75 | 100            | 82             | M24 x 2.0P  | 4 ~ 38     | 5.70         |
| 5052-691-150-120 | DAT50 x TG150 - 120 | 221.75 | 120            | 82             | M24 x 2.0P  | 4 ~ 38     | 6.10         |
| 5052-691-150-150 | DAT50 x TG150 - 150 | 251.75 | 150            | 82             | M24 x 2.0P  | 4 ~ 38     | 6.50         |

### Features:

- ▶ Using with 4.1751° taper angle TG collets enables better clamping force than 8° ER collets.
- ▶ Design of square threads for POWER GOOD nuts allows high clamping torque, suitable for heavy-duty machining.
- ▶ TG sealed collets are available for coolant through tools.

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

### Standard Accessory: • NUT

| Collet    | Nut    | Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Spanner | Preset Screw |
|-----------|--------|-----------|-----------------------------------|---------------------|---------|--------------|
|           |        |           |                                   |                     |         |              |
| P.X-50~52 | P.X-61 | P.X-67    | P.X-73、77                         | P.X-78              | P.X-80  | P.X-111      |

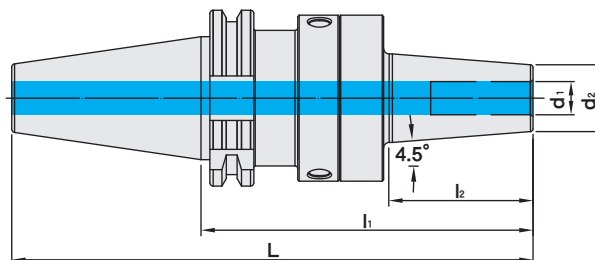


# DAT / SAF RUNOUT ADJUSTABLE HOLDER

4.5°

DAT / SAF 可調式刀桿

[SFC TYPE]



J P PAT NO. 3237773  
 D E PAT NO. 202022102696  
 C N PAT NO. ZL202221891039.3

| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | COMBINATION   |                | WEIGHT (KGS) |
|------------------|----------------------|--------|----------------|----------------|----------------|----------------|---------------|----------------|--------------|
|                  |                      |        |                |                |                |                | BODY          | FLANGE ADAPTER |              |
| 5051-S27-006-120 | DAT40 x SAF6C - 120  | 188.4  | 120            | 52             | 6              | 21             | DAT40 x SAF25 | SFC6 - 70      | 1.74         |
| 5051-S27-008-120 | DAT40 x SAF8C - 120  | 188.4  | 120            | 52             | 8              | 21             | DAT40 x SAF25 | SFC8 - 70      | 1.73         |
| 5051-S27-010-120 | DAT40 x SAF10C - 120 | 188.4  | 120            | 52             | 10             | 24             | DAT40 x SAF25 | SFC10 - 70     | 1.78         |
| 5051-S27-012-120 | DAT40 x SAF12C - 120 | 188.4  | 120            | 52             | 12             | 24             | DAT40 x SAF25 | SFC12 - 70     | 1.76         |
| 5051-S27-016-125 | DAT40 x SAF16C - 125 | 193.4  | 125            | 57             | 16             | 27             | DAT40 x SAF25 | SFC16 - 75     | 1.81         |
| 5051-S27-020-140 | DAT40 x SAF20C - 140 | 208.4  | 140            | 60             | 20             | 33             | DAT40 x SAF40 | SFC20 - 80     | 2.92         |
| 5051-S27-025-160 | DAT40 x SAF25C - 160 | 228.4  | 160            | 81             | 25             | 44             | DAT40 x SAF40 | SFC25 - 100    | 3.45         |
| 5051-S27-032-160 | DAT40 x SAF32C - 160 | 228.4  | 160            | 81             | 32             | 44             | DAT40 x SAF40 | SFC32 - 100    | 3.31         |
| 5052-S27-006-130 | DAT50 x SAF6C - 130  | 231.75 | 130            | 52             | 6              | 21             | DAT50 x SAF25 | SFC6 - 70      | 3.88         |
| 5052-S27-008-130 | DAT50 x SAF8C - 130  | 231.75 | 130            | 52             | 8              | 21             | DAT50 x SAF25 | SFC8 - 70      | 3.87         |
| 5052-S27-010-130 | DAT50 x SAF10C - 130 | 231.75 | 130            | 52             | 10             | 24             | DAT50 x SAF25 | SFC10 - 70     | 3.92         |
| 5052-S27-012-130 | DAT50 x SAF12C - 130 | 231.75 | 130            | 52             | 12             | 24             | DAT50 x SAF25 | SFC12 - 70     | 3.90         |
| 5052-S27-016-135 | DAT50 x SAF16C - 135 | 236.75 | 135            | 57             | 16             | 27             | DAT50 x SAF25 | SFC16 - 75     | 3.95         |
| 5052-S27-020-140 | DAT50 x SAF20C - 140 | 241.75 | 140            | 60             | 20             | 33             | DAT50 x SAF40 | SFC20 - 80     | 5.11         |
| 5052-S27-025-160 | DAT50 x SAF25C - 160 | 261.75 | 160            | 81             | 25             | 44             | DAT50 x SAF40 | SFC25 - 100    | 5.64         |
| 5052-S27-032-160 | DAT50 x SAF32C - 160 | 261.75 | 160            | 81             | 32             | 44             | DAT50 x SAF40 | SFC32 - 100    | 5.50         |

## Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

**Standard Accessory:** • WRENCH (FOR ADJUSTMENT SCREW) • PIN

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 | Shrink Fit Chuck Flange                                                             | Preset Screw                                                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              | P.X-98                                                                              | P.X-111                                                                             |

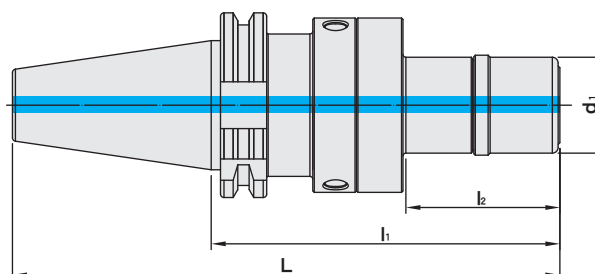
# DAT / SAF RUNOUT ADJUSTABLE HOLDER

DAT / SAF 可調式刀桿

[SK3 TYPE]



J P PAT NO. 3237773  
D E PAT NO. 202022102696  
C N PAT NO. ZL202221891039.3



| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | COMBINATION   |                | COLLET | WEIGHT (KGS) |
|------------------|----------------------|--------|----------------|----------------|----------------|---------------|----------------|--------|--------------|
|                  |                      |        |                |                |                | BODY          | FLANGE ADAPTER |        |              |
| 5051-S28-006-100 | DAT40 x SAF6K - 100  | 168.4  | 100            | 29             | 19.5           | DAT40 x SAF25 | SK306 - 50     | SKX6   | 1.61         |
| 5051-S28-006-150 | DAT40 x SAF6K - 150  | 218.4  | 150            | 79             | 19.5           | DAT40 x SAF25 | SK306 - 100    | SKX6   | 1.70         |
| 5051-S28-010-100 | DAT40 x SAF10K - 100 | 168.4  | 100            | 32.5           | 27.5           | DAT40 x SAF25 | SK310 - 50     | SKX10  | 1.64         |
| 5051-S28-010-150 | DAT40 x SAF10K - 150 | 218.4  | 150            | 82.5           | 27.5           | DAT40 x SAF25 | SK310 - 100    | SKX10  | 1.83         |
| 5051-S28-013-120 | DAT40 x SAF13K - 120 | 188.4  | 120            | 53             | 33             | DAT40 x SAF25 | SK313 - 70     | SKX13  | 1.77         |
| 5051-S28-013-150 | DAT40 x SAF13K - 150 | 218.4  | 150            | 83             | 33             | DAT40 x SAF25 | SK313 - 100    | SKX13  | 1.95         |
| 5051-S28-016-130 | DAT40 x SAF16K - 130 | 198.4  | 130            | 49.9           | 40             | DAT40 x SAF40 | SK316 - 70     | SKX16  | 2.81         |
| 5051-S28-016-160 | DAT40 x SAF16K - 160 | 228.4  | 160            | 79.9           | 40             | DAT40 x SAF40 | SK316 - 100    | SKX16  | 3.07         |
| 5052-S28-006-110 | DAT50 x SAF6K - 110  | 211.75 | 110            | 29             | 19.5           | DAT50 x SAF25 | SK306 - 50     | SKX6   | 3.75         |
| 5052-S28-006-160 | DAT50 x SAF6K - 160  | 261.75 | 160            | 79             | 19.5           | DAT50 x SAF25 | SK306 - 100    | SKX6   | 3.84         |
| 5052-S28-010-110 | DAT50 x SAF10K - 110 | 211.75 | 110            | 32.5           | 27.5           | DAT50 x SAF25 | SK310 - 50     | SKX10  | 3.78         |
| 5052-S28-010-160 | DAT50 x SAF10K - 160 | 261.75 | 160            | 82.5           | 27.5           | DAT50 x SAF25 | SK310 - 100    | SKX10  | 3.97         |
| 5052-S28-013-130 | DAT50 x SAF13K - 130 | 231.75 | 130            | 53             | 33             | DAT50 x SAF25 | SK313 - 70     | SKX13  | 3.91         |
| 5052-S28-013-160 | DAT50 x SAF13K - 160 | 261.75 | 160            | 83             | 33             | DAT50 x SAF25 | SK313 - 100    | SKX13  | 4.09         |
| 5052-S28-016-130 | DAT50 x SAF16K - 130 | 231.75 | 130            | 49.9           | 40             | DAT50 x SAF40 | SK316 - 70     | SKX16  | 5.00         |
| 5052-S28-016-160 | DAT50 x SAF16K - 160 | 261.75 | 160            | 79.9           | 40             | DAT50 x SAF40 | SK316 - 100    | SKX16  | 5.26         |

## Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

**Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN**

| Collet    | Nut    | Pull Stud | Spanner     | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | SK3 Collet Chuck Flange | Preset Screw |
|-----------|--------|-----------|-------------|-----------------------------------|---------------------|-------------------------|--------------|
|           |        |           |             |                                   |                     |                         |              |
| P.X-39~41 | P.X-58 | P.X-67    | PX-73、75、82 | P.X-77                            | P.X-78              | P.X-99                  | P.X-111      |

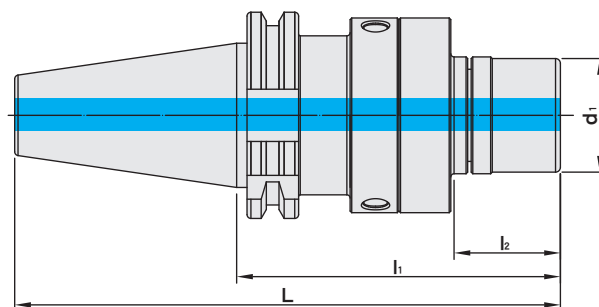


# DAT / SAF RUNOUT ADJUSTABLE HOLDER



DAT / SAF 可調式刀桿

[UT TYPE]



J P PAT NO. 3237773  
DE PAT NO. 202022102696  
CN PAT NO. ZL202221891039.3

| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | COMBINATION   |                | COLLET | WEIGHT (KGS) |
|------------------|----------------------|--------|----------------|----------------|----------------|---------------|----------------|--------|--------------|
|                  |                      |        |                |                |                | BODY          | FLANGE ADAPTER |        |              |
| 5051-S30-016-100 | DAT40 x SAF16U - 100 | 168.4  | 100            | 32             | 30             | DAT40 x SAF25 | UT16 - 50      | ER16   | 1.69         |
| 5051-S30-020-100 | DAT40 x SAF20U - 100 | 168.4  | 100            | 33             | 35             | DAT40 x SAF25 | UT20 - 50      | ER20   | 1.71         |
| 5051-S30-025-120 | DAT40 x SAF25U - 120 | 188.4  | 120            | 38.9           | 42             | DAT40 x SAF40 | UT25 - 60      | ER25   | 2.82         |
| 5051-S30-032-120 | DAT40 x SAF32U - 120 | 188.4  | 120            | 40.9           | 48             | DAT40 x SAF40 | UT32 - 60      | ER32   | 2.85         |
| 5052-S30-016-110 | DAT50 x SAF16U - 110 | 211.75 | 110            | 32             | 30             | DAT50 x SAF25 | UT16 - 50      | ER16   | 3.83         |
| 5052-S30-020-110 | DAT50 x SAF20U - 110 | 211.75 | 110            | 33             | 35             | DAT50 x SAF25 | UT20 - 50      | ER20   | 3.85         |
| 5052-S30-025-120 | DAT50 x SAF25U - 120 | 221.75 | 120            | 38.9           | 42             | DAT50 x SAF40 | UT25 - 60      | ER25   | 5.01         |
| 5052-S30-032-120 | DAT50 x SAF32U - 120 | 221.75 | 120            | 40.9           | 48             | DAT50 x SAF40 | UT32 - 60      | ER32   | 5.04         |

## Features:

- ▶ The runout accuracy of tool edges can be adjusted within 5μm.
- ▶ Different output options to meet customer machining requirements.
- ▶ Suitable for reaming, drilling and milling.

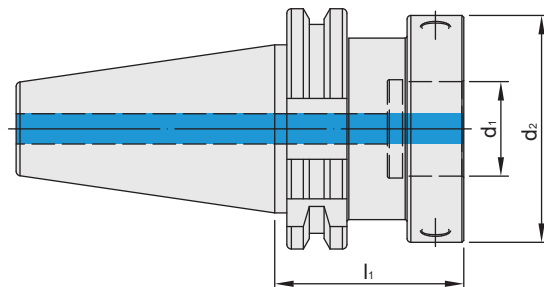
## Standard Accessory: • NUT • WRENCH (FOR ADJUSTMENT SCREW) • PIN

| Collet    | Nut    | Pull Stud | Spanner      | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | UT Collet Chuck Flange | Preset Screw |
|-----------|--------|-----------|--------------|-----------------------------------|---------------------|------------------------|--------------|
|           |        |           |              |                                   |                     |                        |              |
| P.X-18~21 | P.X-53 | P.X-67    | P.X-73、75、82 | P.X-77                            | P.X-78              | P.X-100                | P.X-111      |



# SAF RUNOUT ADJUSTABLE HOLDER BODY

SAF 可調式刀桿本體



| MODEL NO.        | TYPE               | $l_1$ | $d_2$ | SAF NO. | WEIGHT (KGS) |
|------------------|--------------------|-------|-------|---------|--------------|
| 5051-783-025-050 | DAT40 x SAF25 - 50 | 50    | 60    | 1       | 1.22         |
| 5051-783-040-060 | DAT40 x SAF40 - 60 | 60    | 80    | 2       | 1.73         |
| 5052-783-025-060 | DAT50 x SAF25 - 60 | 60    | 60    | 1       | 3.36         |
| 5052-783-040-060 | DAT50 x SAF40 - 60 | 60    | 80    | 2       | 3.92         |

# DAT / SLN SIDE LOCK END MILL HOLDER

DAT / SLN 側固式立銑刀桿

(DIN 1835)



Fig.1

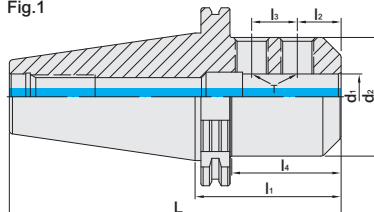
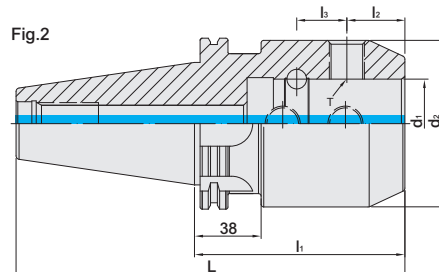


Fig.2



| MODEL NO.        | TYPE                  | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | d <sub>1</sub> | d <sub>2</sub> | T           | Fig | WEIGHT (KGS) |
|------------------|-----------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|-----|--------------|
| 5050-653-006-050 | DAT30 x SLN6 - 50     | 97.8   | 50             | 18             | -              | 25             | 6              | 25             | M6 x 1.0P   | 1   | 0.73         |
| 5050-653-008-050 | DAT30 x SLN8 - 50     | 97.8   | 50             | 18             | -              | 27             | 8              | 28             | M8 x 1.25P  | 1   | 0.80         |
| 5050-653-010-050 | DAT30 x SLN10 - 50    | 97.8   | 50             | 20             | -              | 27             | 10             | 35             | M10 x 1.5P  | 1   | 0.90         |
| 5050-653-012-050 | DAT30 x SLN12 - 50    | 97.8   | 50             | 22.5           | -              | 29             | 12             | 42             | M12 x 1.75P | 1   | 0.90         |
| 5050-653-016-063 | DAT30 x SLN16 - 63    | 110.8  | 63             | 24             | -              | 43             | 16             | 45             | M14 x 2.0P  | 1   | 1.10         |
| 5051-653-006-050 | DAT40 x SLN6 - 50     | 118.4  | 50             | 18             | -              | 27             | 6              | 25             | M6 x 1.0P   | 1   | 0.85         |
| 5051-653-008-050 | DAT40 x SLN8 - 50     | 118.4  | 50             | 18             | -              | 27             | 8              | 28             | M8 x 1.25P  | 1   | 1.00         |
| 5051-653-010-050 | DAT40 x SLN10 - 50    | 118.4  | 50             | 20             | -              | 27             | 10             | 35             | M10 x 1.5P  | 1   | 1.10         |
| 5051-653-012-050 | DAT40 x SLN12 - 50    | 118.4  | 50             | 22.5           | -              | 30             | 12             | 42             | M12 x 1.75P | 1   | 1.15         |
| 5051-653-014-063 | DAT40 x SLN14 - 63    | 131.4  | 63             | 22.5           | -              | 40.9           | 14             | 44             | M12 x 1.75P | 1   | 1.30         |
| 5051-653-016-063 | DAT40 x SLN16 - 63    | 131.4  | 63             | 24             | -              | 43             | 16             | 48             | M14 x 2.0P  | 1   | 1.40         |
| 5051-653-020-063 | DAT40 x SLN20 - 63    | 131.4  | 63             | 25             | -              | 43             | 20             | 52             | M16 x 2.0P  | 1   | 1.30         |
| 5051-653-025-100 | DAT40 x SLN25 - 100   | 168.4  | 100            | 24             | 25             | 65             | 25             | 65             | M18 x 2.0P  | 1   | 2.40         |
| 5051-653-032-100 | DAT40 x SLN32 - 100   | 168.4  | 100            | 24             | 28             | 65             | 32             | 72             | M20 x 2.0P  | 1   | 2.70         |
| 5052-653-006-063 | DAT50 x SLN6 - 63     | 164.75 | 63             | 18             | -              | 33             | 6              | 25             | M6 x 1.0P   | 1   | 3.10         |
| 5052-653-008-063 | DAT50 x SLN8 - 63     | 164.75 | 63             | 18             | -              | 33             | 8              | 28             | M8 x 1.25P  | 1   | 3.10         |
| 5052-653-010-063 | DAT50 x SLN10 - 63    | 164.75 | 63             | 20             | -              | 33             | 10             | 35             | M10 x 1.5P  | 1   | 3.30         |
| 5052-653-012-063 | DAT50 x SLN12 - 63    | 164.75 | 63             | 22.5           | -              | 40             | 12             | 42             | M12 x 1.75P | 1   | 3.50         |
| 5052-653-014-063 | DAT50 x SLN14 - 63    | 164.75 | 63             | 22.5           | -              | 40.9           | 14             | 44             | M12 x 1.75P | 1   | 3.50         |
| 5052-653-016-063 | DAT50 x SLN16 - 63    | 164.75 | 63             | 24             | -              | 40             | 16             | 48             | M14 x 2.0P  | 1   | 3.45         |
| 5052-653-020-063 | DAT50 x SLN20 - 63    | 164.75 | 63             | 25             | -              | 40             | 20             | 52             | M16 x 2.0P  | 1   | 3.50         |
| 5052-653-025-080 | DAT50 x SLN25 - 80    | 181.75 | 80             | 24             | 25             | 59             | 25             | 65             | M18 x 2.0P  | 1   | 4.20         |
| 5052-653-032-100 | DAT50 x SLN32 - 100   | 201.75 | 100            | 24             | 28             | 78             | 32             | 72             | M20 x 2.0P  | 1   | 5.00         |
| 5052-653-040-100 | DAT50 x SLN40 - 100   | 201.75 | 100            | 30             | 32             | 80             | 40             | 90             | M20 x 2.0P  | 1   | 5.60         |
| 5052-653-042-100 | DAT50 x SLN42 - 100   | 201.75 | 100            | 30             | 32             | 80             | 42             | 90             | M20 x 2.0P  | 1   | 5.70         |
| 5052-653-050-125 | DAT50 x SLN50 - 125   | 226.75 | 125            | 35             | 35             | 85             | 50             | 100            | M24 x 2.0P  | 1   | 5.90         |
| 5052-677-A96-472 | DAT50 x SLN50.8 - 120 | 221.75 | 120            | 33.1           | 28.58          | 82             | 50.8           | 95             | M20 x 2.0P  | 2   | 5.80         |
| 5052-653-063-150 | DAT50 x SLN63 - 150   | 251.75 | 150            | 40             | 40             | 112            | 63             | 125            | M20 x 2.0P  | 1   | 6.20         |
| 5052-677-063-150 | DAT50 x SLN63 - 150   | 251.75 | 150            | 40             | 24             | 112            | 63             | 125            | M16 x 2.0P  | 2   | 6.20         |

## Features:

- ▶ Internal hole tolerance: H5 (DIN-1835-B standard).
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Taking use of side lock screws to clamp tools with lateral flat surfaces. Good at heavy-duty machining.

## Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 | Lock Screw                                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              | P.X-111                                                                             |





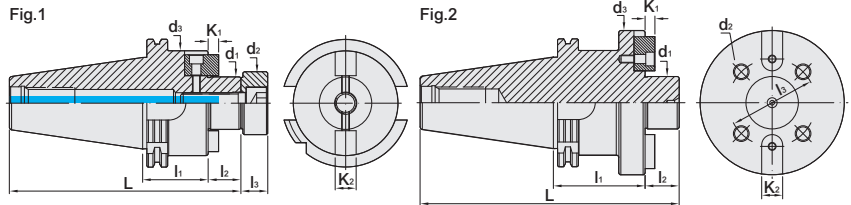
# DAT FACE MILL ARBOR

FMB TYPE

DAT

DAT / FMB 平面銑刀桿

(DIN 6357-B)



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | K <sub>1</sub> | K <sub>2</sub> | Fig | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|--------------|
| 5050-153-022-035 | DAT30 x FMB22 - 35  | 101.8  | 35             | 19             | 14             | 22             | 26             | 45             | 5              | 10             | 1   | 1.00         |
| 5050-153-027-055 | DAT30 x FMB27 - 55  | 122.8  | 55             | 20             | 16             | 27             | 31.5           | 58             | 6              | 12             | 1   | 1.05         |
| 5051-153-016-035 | DAT40 x FMB16 - 35  | 120.4  | 35             | 17             | -              | 16             | 13             | 34             | 5              | 8              | 1   | 0.95         |
| 5051-153-016-040 | DAT40 x FMB16 - 40  | 125.4  | 40             | 17             | -              | 16             | 13             | 34             | 5              | 8              | 1   | 0.95         |
| 5051-153-016-100 | DAT40 x FMB16 - 100 | 185.4  | 100            | 17             | -              | 16             | 13             | 39             | 5              | 8              | 1   | 1.33         |
| 5051-153-016-160 | DAT40 x FMB16 - 160 | 245.4  | 160            | 17             | -              | 16             | 13             | 39             | 5              | 8              | 1   | 1.69         |
| 5051-153-016-200 | DAT40 x FMB16 - 200 | 285.4  | 200            | 17             | -              | 16             | 13             | 39             | 5              | 8              | 1   | 1.92         |
| 5051-153-022-035 | DAT40 x FMB22 - 35  | 122.4  | 35             | 19             | 14             | 22             | 26             | 48             | 5              | 10             | 1   | 1.20         |
| 5051-153-027-060 | DAT40 x FMB27 - 60  | 148.4  | 60             | 20             | 16             | 27             | 31.5           | 58             | 6              | 12             | 1   | 1.80         |
| 5051-153-032-060 | DAT40 x FMB32 - 60  | 150.4  | 60             | 22             | 16             | 32             | 41             | 66             | 7              | 14             | 1   | 2.00         |
| 5051-153-040-060 | DAT40 x FMB40 - 60  | 153.4  | 60             | 25             | 20.5           | 40             | 48             | 80             | 8              | 16             | 1   | 2.60         |
| 5052-153-022-035 | DAT50 x FMB22 - 35  | 155.75 | 35             | 19             | 14             | 22             | 26             | 48             | 5              | 10             | 1   | 3.40         |
| 5052-153-027-035 | DAT50 x FMB27 - 35  | 156.75 | 35             | 20             | 16             | 27             | 31.5           | 60             | 6              | 12             | 1   | 3.50         |
| 5052-153-032-035 | DAT50 x FMB32 - 35  | 158.75 | 35             | 22             | 16             | 32             | 41             | 66             | 7              | 14             | 1   | 3.70         |
| 5052-153-040-050 | DAT50 x FMB40 - 50  | 176.75 | 50             | 25             | 20.5           | 40             | 48             | 80             | 8              | 16             | 1   | 4.70         |
| 5052-153-050-060 | DAT50 x FMB50 - 60  | 191.75 | 60             | 30             | 25             | 50             | 68             | 95             | 10             | 19             | 1   | 5.80         |
| 5051-155-040-060 | DAT40 x FMB40F - 60 | 158.4  | 60             | 30             | 66.7           | 40             | M12            | 89             | 7.9            | 16             | 2   | 2.90         |
| 5052-155-040-070 | DAT50 x FMB40F - 70 | 201.75 | 70             | 30             | 66.7           | 40             | M12            | 89             | 7.9            | 16             | 2   | 5.50         |
| 5052-155-060-070 | DAT50 x FMB60F - 70 | 211.75 | 70             | 40             | 101.6          | 60             | M16            | 129            | 12.4           | 25.4           | 2   | 5.70         |
| 5052-156-060-070 | DAT50 x FS60 - 70   | 196.75 | 70             | 25             | 101.6          | 60             | M16            | 140            | 12.4           | 25.4           | 2   | 5.50         |



## Features:

- ▶ Metric size.
- ▶ Tolerance of d<sub>1</sub> the connection part with cutter: h<sub>6</sub>, which is good for less chatter and longer cutter life.
- ▶ Standard screw attached is w/o coolant hole.
- ▶ To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

## Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

| Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Screw   |
|-----------|-----------------------------------|---------------------|---------|
|           |                                   |                     |         |
| P.X-67    | P.X-73、77                         | P.X-78              | P.X-113 |

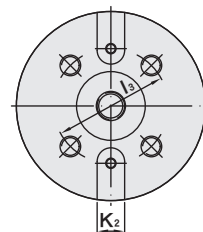
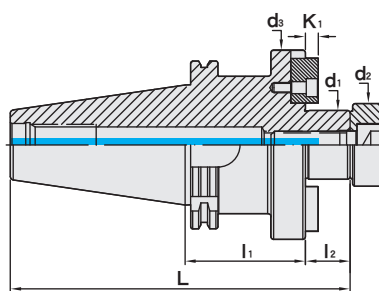


# DAT FACE MILL ARBOR

FMB TYPE

DAT 平面銑刀桿

〔DIN 6357-B〕



| MODEL NO.        | TYPE              | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | K <sub>1</sub> | K <sub>2</sub> | WEIGHT (KGS) |
|------------------|-------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| 5051-156-040-060 | DAT40 x FS40 - 60 | 154.4  | 60             | 26             | 66.7           | 40             | 48             | 110            | 7.5            | 16             | 3.20         |
| 5052-156-040-070 | DAT50 x FS40 - 70 | 197.75 | 70             | 26             | 66.7           | 40             | 48             | 110            | 7.5            | 16             | 5.70         |

## Features:

- ▶ Metric size.
- ▶ Tolerance of d<sub>1</sub> the connection part with cutter: h6, which is good for less chatter and longer cutter life.
- ▶ Standard screw attached is w/o coolant hole.
- ▶ To use with face mill cutters with coolant holes, the standard screw has to be changed into the screw with coolant flute, which is available to order separately.

## Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 | Screw                                                                               |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              | P.X-113                                                                             |

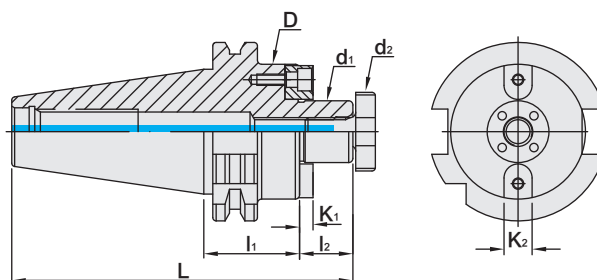
# DAT FACE MILL ARBOR

FMC TYPE

DAT

DAT / FMC 平面銑刀桿

(DIN 6357-B)



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | D  | d <sub>1</sub> | d <sub>2</sub> | K <sub>1</sub> | K <sub>2</sub> | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----|----------------|----------------|----------------|----------------|--------------|
| 5050-157-016-060 | DAT30 x FMC16 - 60 | 124.8  | 60             | 17             | 38 | 16             | 20             | 5              | 8              | 0.84         |
| 5050-157-022-060 | DAT30 x FMC22 - 60 | 126.8  | 60             | 19             | 50 | 22             | 28             | 4.8            | 10             | 0.91         |
| 5050-157-027-060 | DAT30 x FMC27 - 60 | 127.8  | 60             | 20             | 60 | 27             | 35             | 5.8            | 12             | 1.11         |
| 5051-157-016-050 | DAT40 x FMC16 - 50 | 135.4  | 50             | 17             | 38 | 16             | 20             | 5              | 8              | 1.25         |
| 5051-157-022-050 | DAT40 x FMC22 - 50 | 137.4  | 50             | 19             | 50 | 22             | 28             | 4.8            | 10             | 1.32         |
| 5051-157-027-060 | DAT40 x FMC27 - 60 | 148.4  | 60             | 20             | 58 | 27             | 35             | 5.8            | 12             | 1.55         |
| 5051-157-032-060 | DAT40 x FMC32 - 60 | 150.4  | 60             | 22             | 78 | 32             | 42             | 6.8            | 14             | 1.85         |
| 5052-157-016-050 | DAT50 x FMC16 - 50 | 168.75 | 50             | 17             | 40 | 16             | 20             | 5              | 8              | 3.01         |
| 5052-157-022-050 | DAT50 x FMC22 - 50 | 170.75 | 50             | 19             | 50 | 22             | 28             | 4.8            | 10             | 3.08         |
| 5052-157-027-050 | DAT50 x FMC27 - 50 | 171.75 | 50             | 20             | 60 | 27             | 35             | 5.8            | 12             | 3.28         |
| 5052-157-032-060 | DAT50 x FMC32 - 60 | 183.75 | 60             | 22             | 78 | 32             | 42             | 6.8            | 14             | 3.61         |
| 5052-157-040-070 | DAT50 x FMC40 - 70 | 196.75 | 70             | 25             | 89 | 40             | 52             | 7.9            | 16             | 4.21         |

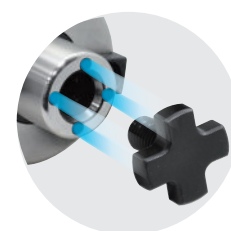
## Features:

- ▶ With four coolant holes on the face of tool holder to match with face mill cutters with coolant holes.
- ▶ Tolerance of d1 the connection part with cutter: h6, which is good for less chatter and longer cutter life

## Product information:

- ▶ The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

| Pull Stud | Nut    | Spanner | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) |
|-----------|--------|---------|-----------------------------------|---------------------|
|           |        |         |                                   |                     |
| P.X-67    | P.X-72 | P.X-72  | P.X-73、77                         | P.X-78              |



# DAT / STA SYNCHRONIZED TAPPING HOLDER

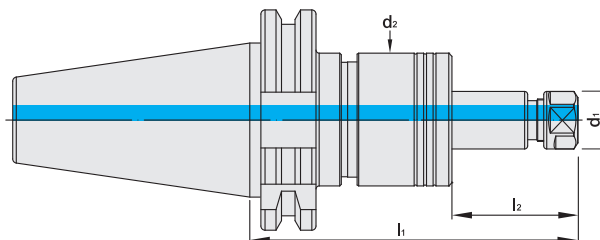


DAT / STA 同步補償攻牙刀桿

[ER TYPE]



TW PAT NO. I615223  
J P PAT NO. 3203456  
D E PAT NO. 202016100106  
U S PAT NO. 9796059  
C N PAT NO. ZL201620889099.X



| MODEL NO.        | TYPE                 | l <sub>1</sub> | l <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | COMBINATION  |                    | WEIGHT (KGS) |
|------------------|----------------------|----------------|----------------|----------------|----------------|--------------|--------------------|--------------|
|                  |                      |                |                |                |                | BODY         | TAP ADAPTER        |              |
| 5051-S22-011-130 | DAT40 x STA11E - 130 | 130            | 70             | 19             | 42             | DAT40 x STA1 | STA1 - ER11A - 70  | 1.37         |
| 5051-S22-016-085 | DAT40 x STA16E - 85  | 85             | 25             | 28             | 42             | DAT40 x STA1 | STA1 - ER16A - 25  | 1.11         |
| 5051-S22-016-130 | DAT40 x STA16E - 130 | 130            | 70             | 28             | 42             | DAT40 x STA1 | STA1 - ER16A - 70  | 1.31         |
| 5051-S22-016-210 | DAT40 x STA16E - 210 | 210            | 150            | 28             | 42             | DAT40 x STA1 | STA1 - ER16A - 150 | 2.13         |
| 5051-S22-020-094 | DAT40 x STA20E - 94  | 94             | 34             | 34             | 42             | DAT40 x STA1 | STA1 - ER20A - 34  | 1.64         |
| 5051-S22-020-130 | DAT40 x STA20E - 130 | 130            | 70             | 34             | 42             | DAT40 x STA1 | STA1 - ER20A - 70  | 1.80         |
| 5051-S22-032-130 | DAT40 x STA32E - 130 | 130            | 40             | 50             | 58             | DAT40 x STA2 | STA2 - ER32 - 40   | 1.94         |
| 5051-S22-032-160 | DAT40 x STA32E - 160 | 160            | 70             | 50             | 58             | DAT40 x STA2 | STA2 - ER32 - 70   | 2.17         |
| 5052-S22-011-130 | DAT50 x STA11E - 130 | 130            | 70             | 19             | 42             | DAT50 x STA1 | STA1 - ER11A - 70  | 1.86         |
| 5052-S22-016-085 | DAT50 x STA16E - 85  | 85             | 25             | 28             | 42             | DAT50 x STA1 | STA1 - ER16A - 25  | 1.60         |
| 5052-S22-016-130 | DAT50 x STA16E - 130 | 130            | 70             | 28             | 42             | DAT50 x STA1 | STA1 - ER16A - 70  | 1.80         |
| 5052-S22-016-210 | DAT50 x STA16E - 210 | 210            | 150            | 28             | 42             | DAT50 x STA1 | STA1 - ER16A - 150 | 2.13         |
| 5052-S22-020-094 | DAT50 x STA20E - 94  | 94             | 34             | 34             | 42             | DAT50 x STA1 | STA1 - ER20A - 34  | 2.87         |
| 5052-S22-020-130 | DAT50 x STA20E - 130 | 130            | 70             | 34             | 42             | DAT50 x STA1 | STA1 - ER20A - 70  | 3.03         |
| 5052-S22-032-120 | DAT50 x STA32E - 120 | 120            | 40             | 50             | 58             | DAT50 x STA2 | STA2 - ER32 - 40   | 3.17         |
| 5052-S22-032-150 | DAT50 x STA32E - 150 | 150            | 70             | 50             | 58             | DAT50 x STA2 | STA2 - ER32 - 70   | 3.78         |

## Features:

- ▶ Internal steel component allows the micro-compensation for the misfeed of spindle ballscrew and overload. Improve tapping quality and tap life. Optimum male and female threaded fitting is achieved due to the premium design!
- ▶ To prevent from interfering, the longer adapter can be custom-made.
- ▶ Coolant-through is available with coolant pressure up to 70 bar. STA has long use life even the synchronized micro-compensation mechanism is used at high coolant pressure..
- ▶ Modular design to meet more diverse demand.
- ▶ One of SYIC products patented by US invention.

## Product information:

- ▶ AD+B type is available, please inform us when making an order.

## Application:

- ▶ Ideal for everyday tapping, high speed and high production tapping for modern CNC machines capable of rigid tapping.
- ▶ Also ideal for high-end tapping applications in modern CNC machines (small taps or difficult materials resulting in high torque loads).

## Standard Accessory: • NUT

| Collet    | Nut       | Pull Stud | Spanner         | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | TAP ADAPTER |
|-----------|-----------|-----------|-----------------|-----------------------------------|---------------------|-------------|
|           |           |           |                 |                                   |                     |             |
| P.X-18~37 | P.X-54~58 | P.X-67    | .PX-73~76、79、82 | P.X-77                            | P.X-78              | P.X-101     |

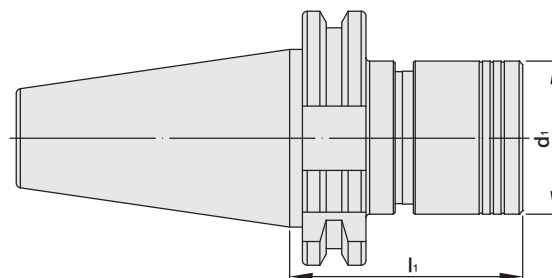


# DAT / STA SYNCHRONIZED TAPPING HOLDER BODY

## STA 同步補償攻牙刀桿本體



TW PAT NO. I615223  
 J P PAT NO. 3203456  
 D E PAT NO. 202016100106  
 U S PAT NO. 9796059  
 C N PAT NO. ZL201620889099.X



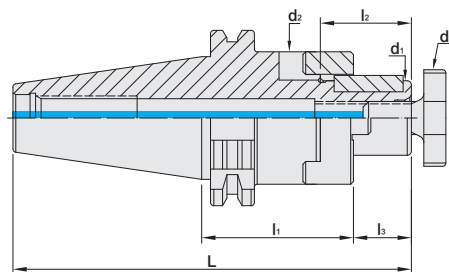
| MODEL NO.        | TYPE              | $l_1$ | $d_1$ | STA NO. | WEIGHT (KGS) |
|------------------|-------------------|-------|-------|---------|--------------|
| 5051-795-001-060 | DAT40 x STA1 - 60 | 60    | 42    | 1       | 1.01         |
| 5051-795-002-090 | DAT40 x STA2 - 90 | 90    | 58    | 2       | 1.50         |
| 5052-795-001-060 | DAT50 x STA1 - 60 | 60    | 42    | 1       | 2.73         |
| 5052-795-002-080 | DAT50 x STA2 - 80 | 80    | 58    | 2       | 3.11         |



# DAT / CSR COMBI SHELL END MILL ARBOR

DAT / CSR 聯結式銑刀桿

(DIN 6358-B)



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|
| 5050-061-016-050 | DAT30 x CSR16 - 50 | 114.8  | 50             | 27             | 17             | 16             | 32             | 20             | 1.40         |
| 5050-061-022-050 | DAT30 x CSR22 - 50 | 116.8  | 50             | 31             | 19             | 22             | 40             | 28             | 1.60         |
| 5050-061-027-055 | DAT30 x CSR27 - 55 | 123.8  | 55             | 33             | 21             | 27             | 48             | 35             | 1.80         |
| 5051-061-016-055 | DAT40 x CSR16 - 55 | 140.4  | 55             | 27             | 17             | 16             | 32             | 20             | 1.20         |
| 5051-061-022-055 | DAT40 x CSR22 - 55 | 142.4  | 55             | 31             | 19             | 22             | 40             | 28             | 1.50         |
| 5051-061-027-055 | DAT40 x CSR27 - 55 | 144.4  | 55             | 33             | 21             | 27             | 48             | 35             | 1.90         |
| 5051-061-032-060 | DAT40 x CSR32 - 60 | 152.4  | 60             | 38             | 24             | 32             | 58             | 42             | 2.40         |
| 5051-061-040-060 | DAT40 x CSR40 - 60 | 155.4  | 60             | 41             | 27             | 40             | 70             | 52             | 3.00         |
| 5052-061-016-055 | DAT50 x CSR16 - 55 | 173.75 | 55             | 27             | 17             | 16             | 32             | 20             | 4.40         |
| 5052-061-022-055 | DAT50 x CSR22 - 55 | 175.75 | 55             | 31             | 19             | 22             | 40             | 28             | 4.60         |
| 5052-061-027-055 | DAT50 x CSR27 - 55 | 177.75 | 55             | 33             | 21             | 27             | 48             | 35             | 4.80         |
| 5052-061-032-055 | DAT50 x CSR32 - 55 | 180.75 | 55             | 38             | 24             | 32             | 58             | 42             | 5.00         |
| 5052-061-040-055 | DAT50 x CSR40 - 55 | 183.75 | 55             | 41             | 27             | 40             | 70             | 52             | 5.20         |
| 5052-061-050-070 | DAT50 x CSR50 - 70 | 201.75 | 70             | 46             | 30             | 50             | 90             | 63             | 5.40         |

## Features:

- Used with face milling cutters or side disc cutters.
- Removable ring, nut and spanner are included.

## Product information:

- The pre-balance reaches G6.3 3,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

**Standard Accessory: • Key • REMOVABLE RING • NUT • SPANNER**

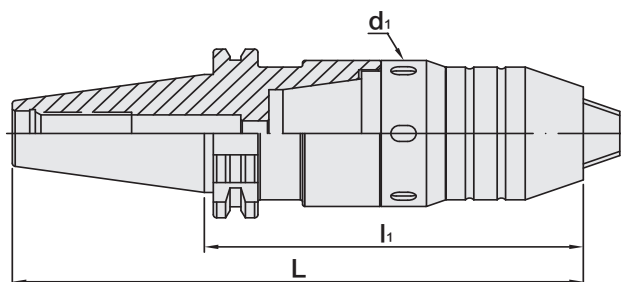
| Pull Stud                                                                           | Key                                                                                 | Removable Ring                                                                      | Nut                                                                                 | Spanner                                                                             | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| P.X-67                                                                              | P.X-72                                                                              | P.X-72                                                                              | P.X-72                                                                              | P.X-72                                                                              | P.X-73、77                                                                           | P.X-78                                                                                |

# DAT / SPH DRILL CHUCK ADAPTER

## INTEGRATED TYPE

DAT

### DAT / SPH 直結式鑽夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | d <sub>1</sub> | CLAMPING CAPACITY | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|-------------------|--------------|
| 5051-680-008-090 | DAT40 x SPH8 - 90   | 158.4  | 90             | 42             | 1 ~ 8             | 1.78         |
| 5051-680-013-115 | DAT40 x SPH13 - 115 | 183.4  | 115            | 54             | 1 ~ 13            | 2.33         |
| 5051-680-013-135 | DAT40 x SPH13 - 135 | 203.4  | 135            | 54             | 1 ~ 13            | 2.63         |
| 5051-680-016-130 | DAT40 x SPH16 - 130 | 198.4  | 130            | 62             | 3 ~ 16            | 2.83         |
| 5051-680-016-150 | DAT40 x SPH16 - 150 | 218.4  | 150            | 62             | 3 ~ 16            | 3.18         |
| 5052-680-008-085 | DAT50 x SPH8 - 85   | 186.75 | 85             | 42             | 1 ~ 8             | 2.33         |
| 5052-680-013-100 | DAT50 x SPH13 - 100 | 201.75 | 100            | 54             | 1 ~ 13            | 2.63         |
| 5052-680-013-120 | DAT50 x SPH13 - 120 | 221.75 | 120            | 54             | 1 ~ 13            | 2.83         |
| 5052-680-016-100 | DAT50 x SPH16 - 100 | 201.75 | 100            | 62             | 3 ~ 16            | 3.15         |
| 5052-680-016-120 | DAT50 x SPH16 - 120 | 221.75 | 120            | 62             | 3 ~ 16            | 3.25         |

#### Features:

- ▶ The adapter has a taper design to assemble with drill chuck and then lock with a screw, ensuring to have better stability and drill chuck would not fall off.
- ▶ Used for drilling & tapping.

#### Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

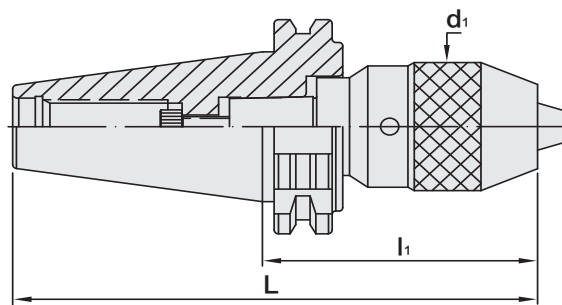
#### Standard Accessory: • SPANNER

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              |



# DAT / SPU DRILL CHUCK ADAPTER

DAT / SPU 直結式鑽夾頭



| MODEL NO.        | TYPE                | L      | l <sub>1</sub> | d <sub>1</sub> | CLAMPING CAPACITY | WEIGHT (KGS) |
|------------------|---------------------|--------|----------------|----------------|-------------------|--------------|
| 5050-669-008-080 | DAT30 x SPU8 - 80   | 127.8  | 80             | 37             | 1 ~ 8             | 0.60         |
| 5050-669-013-120 | DAT30 x SPU13 - 120 | 167.8  | 120            | 50             | 1 ~ 13            | 1.45         |
| 5050-669-016-120 | DAT30 x SPU16 - 120 | 167.8  | 120            | 57             | 3 ~ 16            | 1.78         |
| 5051-669-008-075 | DAT40 x SPU8 - 75   | 143.4  | 75             | 37             | 1 ~ 8             | 1.32         |
| 5051-669-013-100 | DAT40 x SPU13 - 100 | 168.4  | 100            | 50             | 1 ~ 13            | 1.92         |
| 5051-669-016-115 | DAT40 x SPU16 - 115 | 183.4  | 115            | 57             | 3 ~ 16            | 2.28         |
| 5052-669-008-075 | DAT50 x SPU8 - 75   | 176.75 | 75             | 37             | 1 ~ 8             | 3.86         |
| 5052-669-013-100 | DAT50 x SPU13 - 100 | 201.75 | 100            | 50             | 1 ~ 13            | 4.40         |
| 5052-669-016-105 | DAT50 x SPU16 - 105 | 206.75 | 105            | 57             | 3 ~ 16            | 4.48         |

## Features:

- ▶ The adapter has a taper design to assemble with drill chuck and then lock with a screw, ensuring to have better stability and drill chuck would not fall off.
- ▶ Used for drilling.

## Product information:

- ▶ The pre-balance reaches G6.3 8,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

## Standard Accessory: • SPANNER

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 | Spanner                                                                             |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              | P.X-80                                                                              |

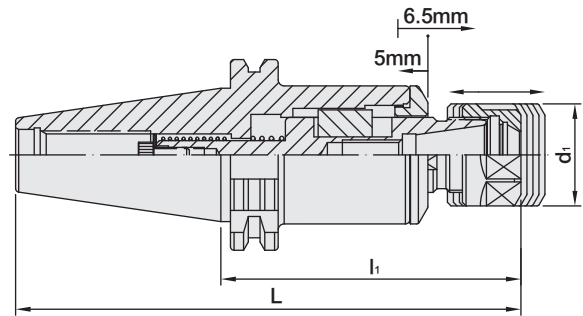


# DAT EXPANSION ER TAPPER

DAT



DAT / ETP 伸縮 ER 攻牙器



| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | d <sub>1</sub> | COLLET | CAPACITY | WEIGHT (KGS) |
|------------------|----------------------|--------|----------------|----------------|--------|----------|--------------|
| 5051-124-016-120 | DAT40 x ETP16A - 120 | 188.4  | 120            | 28             | ER16   | M3 - M12 | 1.65         |
| 5051-124-016-150 | DAT40 x ETP16A - 150 | 218.4  | 150            | 28             | ER16   | M3 - M12 | 1.85         |
| 5051-124-020-100 | DAT40 x ETP20A - 100 | 168.4  | 100            | 34             | ER20   | M3 - M17 | 1.50         |
| 5051-124-020-150 | DAT40 x ETP20A - 150 | 218.4  | 150            | 34             | ER20   | M3 - M17 | 1.90         |
| 5051-102-020-200 | DAT40 x ETP20M - 200 | 268.4  | 200            | 28             | ER20   | M3 - M17 | 2.15         |
| 5051-124-032-125 | DAT40 x ETP32 - 125  | 193.4  | 125            | 50             | ER32   | M3 - M27 | 2.10         |
| 5052-124-016-120 | DAT50 x ETP16A - 120 | 221.75 | 120            | 28             | ER16   | M3 - M12 | 4.30         |
| 5052-124-016-150 | DAT50 x ETP16A - 150 | 251.75 | 150            | 28             | ER16   | M3 - M12 | 4.50         |
| 5052-124-020-100 | DAT50 x ETP20A - 100 | 201.75 | 100            | 34             | ER20   | M3 - M17 | 4.30         |
| 5052-124-020-150 | DAT50 x ETP20A - 150 | 251.75 | 150            | 34             | ER20   | M3 - M17 | 4.60         |
| 5052-102-020-200 | DAT50 x ETP20M - 200 | 301.75 | 200            | 28             | ER20   | M3 - M17 | 4.70         |
| 5052-124-032-125 | DAT50 x ETP32 - 125  | 226.75 | 125            | 50             | ER32   | M3 - M27 | 4.65         |

## Features:

- ▶ Tension: 6.5mm, compression: 5mm.
- ▶ Suitable for traditional CNC machines without rigid tapping program.
- ▶ Using with rigid tap collets increases the clamping force, prevents taps from falling off and improves the machining efficiency.

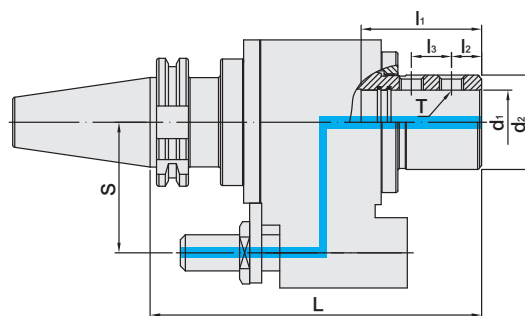
## Standard Accessory: • NUT

| Collet           | Nut       | Pull Stud | Spanner      | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw |
|------------------|-----------|-----------|--------------|-----------------------------------|---------------------|--------------|
|                  |           |           |              |                                   |                     |              |
| P.X-18~21, 33~34 | P.X-54~55 | P.X-67    | P.X-73~74、79 | P.X-77                            | P.X-78              | P.X-111      |



# DAT SIDE LOCK OIL HOLE HOLDER

DAT / OSL 側固式油路刀把



| MODEL NO.        | TYPE                 | L   | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | S  | d <sub>1</sub> | d <sub>2</sub> | T           | WEIGHT (KGS) |
|------------------|----------------------|-----|----------------|----------------|----------------|----|----------------|----------------|-------------|--------------|
| 5051-604-161-165 | DAT40 x OSL16 - 165  | 165 | 48             | 25             | -              | 65 | 16             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-201-165 | DAT40 x OSL20 - 165  | 165 | 50             | 25             | -              | 65 | 20             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-251-165 | DAT40 x OSL25 - 165  | 165 | 56             | 15             | 20             | 65 | 25             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-321-165 | DAT40 x OSL32 - 165  | 165 | 60             | 15             | 20             | 65 | 32             | 47             | M12 x 1.75P | 3.50         |
| 5051-604-162-165 | DAT40 x OSL16 - 165S | 165 | 48             | 25             | -              | 60 | 16             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-202-165 | DAT40 x OSL20 - 165S | 165 | 50             | 25             | -              | 60 | 20             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-252-165 | DAT40 x OSL25 - 165S | 165 | 56             | 15             | 20             | 60 | 25             | 46.5           | M12 x 1.75P | 3.50         |
| 5051-604-322-165 | DAT40 x OSL32 - 165S | 165 | 60             | 15             | 20             | 60 | 32             | 47             | M12 x 1.75P | 3.80         |
| 5052-604-163-165 | DAT50 x OSL16 - 165  | 165 | 48             | 25             | -              | 80 | 16             | 56             | M14 x 2.0P  | 7.00         |
| 5052-604-203-165 | DAT50 x OSL20 - 165  | 165 | 50             | 25             | -              | 80 | 20             | 56             | M12 x 1.75P | 7.50         |
| 5052-604-253-165 | DAT50 x OSL25 - 165  | 165 | 56             | 15             | 20             | 80 | 25             | 56             | M16 x 2.0P  | 7.50         |
| 5052-604-323-170 | DAT50 x OSL32 - 170  | 170 | 60             | 15             | 20             | 80 | 32             | 56             | M16 x 2.0P  | 7.80         |
| 5052-604-403-170 | DAT50 x OSL40 - 170  | 170 | 62             | 15             | 25             | 80 | 40             | 56             | M14 x 2.0P  | 8.50         |
| 5052-604-164-165 | DAT50 x OSL16 - 165M | 165 | 48             | 25             | -              | 82 | 16             | 56             | M14 x 2.0P  | 7.10         |
| 5052-604-204-165 | DAT50 x OSL20 - 165M | 165 | 50             | 25             | -              | 82 | 20             | 56             | M12 x 1.75P | 7.60         |
| 5052-604-254-165 | DAT50 x OSL25 - 165M | 165 | 56             | 15             | 20             | 82 | 25             | 56             | M16 x 2.0P  | 7.70         |
| 5052-604-324-170 | DAT50 x OSL32 - 170M | 170 | 60             | 15             | 20             | 82 | 32             | 56             | M16 x 2.0P  | 7.80         |
| 5052-604-404-170 | DAT50 x OSL40 - 170M | 170 | 62             | 15             | 25             | 82 | 40             | 56             | M14 x 2.0P  | 8.50         |
| 5052-604-165-165 | DAT50 x OSL16 - 165L | 165 | 48             | 25             | -              | 85 | 16             | 56             | M14 x 2.0P  | 7.20         |
| 5052-604-205-165 | DAT50 x OSL20 - 165L | 165 | 50             | 25             | -              | 85 | 20             | 56             | M12 x 1.75P | 7.80         |
| 5052-604-255-165 | DAT50 x OSL25 - 165L | 165 | 56             | 15             | 20             | 85 | 25             | 56             | M16 x 2.0P  | 7.80         |
| 5052-604-325-170 | DAT50 x OSL32 - 170L | 170 | 60             | 15             | 20             | 85 | 32             | 56             | M16 x 2.0P  | 8.00         |
| 5052-604-405-170 | DAT50 x OSL40 - 170L | 170 | 62             | 15             | 25             | 85 | 40             | 56             | M14 x 2.0P  | 8.70         |

## Features:

- ▶ Internal hole tolerance is H5.
- ▶ The tolerance requirement of tool shank diameter is h6.
- ▶ Used for machines w/o center or side coolant and achieve coolant through tools.

## Product information:

- ▶ Water pressure up to 7 kgf/cm<sup>2</sup>.
- ▶ Max. revolution: 3,000 rpm.

| Pull Stud | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Straight Sleeve | Lock Screw | Fixed Block |
|-----------|-----------------------------------|---------------------|-----------------|------------|-------------|
|           |                                   |                     |                 |            |             |
| P.X-69    | P.X-73、77                         | P.X-78              | P.X-106         | P.X-111    | P.X-118     |

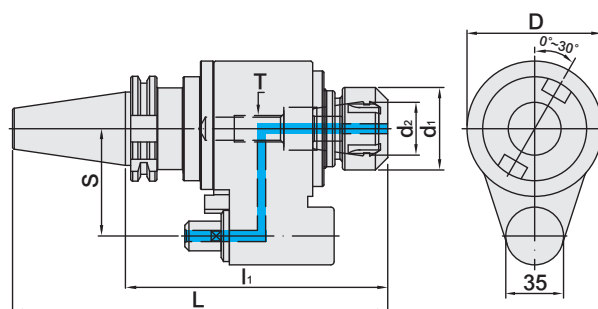


# DAT / OHER OIL HOLE COLLET CHUCK

DAT



DAT / OHER 油路刀把



| MODEL NO.        | TYPE                 | L      | l <sub>1</sub> | D  | d <sub>1</sub> | d <sub>2</sub><br>ER | S  | T   | WEIGHT<br>(KGS) |
|------------------|----------------------|--------|----------------|----|----------------|----------------------|----|-----|-----------------|
| 5051-601-161-160 | DAT40 x OHER16 - 160 | 228.4  | 160            | 82 | 28             | 16                   | 65 | M10 | 3.80            |
| 5051-601-201-160 | DAT40 x OHER20 - 160 | 228.4  | 160            | 82 | 34             | 20                   | 65 | M12 | 4.10            |
| 5051-601-251-160 | DAT40 x OHER25 - 160 | 228.4  | 160            | 82 | 42             | 25                   | 65 | M16 | 4.30            |
| 5051-601-321-160 | DAT40 x OHER32 - 160 | 228.4  | 160            | 82 | 50             | 32                   | 65 | M16 | 4.50            |
| 5052-601-163-160 | DAT50 x OHER16 - 160 | 261.75 | 160            | 98 | 28             | 16                   | 80 | M10 | 7.00            |
| 5052-601-203-160 | DAT50 x OHER20 - 160 | 261.75 | 160            | 98 | 34             | 20                   | 80 | M12 | 7.10            |
| 5052-601-253-160 | DAT50 x OHER25 - 160 | 261.75 | 160            | 98 | 42             | 25                   | 80 | M16 | 7.20            |
| 5052-601-323-160 | DAT50 x OHER32 - 160 | 261.75 | 160            | 98 | 50             | 32                   | 80 | M16 | 7.30            |
| 5052-601-403-160 | DAT50 x OHER40 - 160 | 261.75 | 160            | 98 | 63             | 40                   | 80 | M20 | 7.50            |

## Features:

- Used for machines w/o center or side coolant and achieve coolant through tools.

## Product information:

- Water pressure up to 7 kgf/cm<sup>2</sup>.
- Max. revolution: 3,000 rpm.

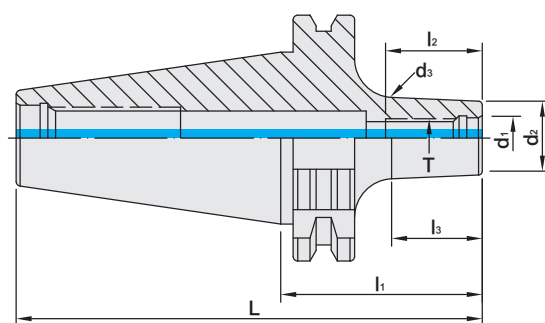
## Standard Accessory: • NUT

| Collet    | Nut          | Pull Stud | Spanner      | Torque Wrench Adapter (Pull Stud) | Spanner (Pull Stud) | Preset Screw | Fixed Block |
|-----------|--------------|-----------|--------------|-----------------------------------|---------------------|--------------|-------------|
|           |              |           |              |                                   |                     |              |             |
| P.X-18~38 | P.X-54~55、57 | P.X-67    | P.X-73~74、79 | P.X-77                            | P.X-78              | P.X-111      | P.X-118     |



# DAT / SOM SCREWED END MILL HOLDER

## DAT / SOM 螺紋鎖固式刀桿



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | T           | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|--------------|
| 5050-670-006-060 | DAT30 x SOM6 - 60  | 107.8  | 60             | 25             | 31             | 6.5            | 13             | 15             | M6 x 1.0P   | 0.40         |
| 5050-670-008-060 | DAT30 x SOM8 - 60  | 107.8  | 60             | 25             | 31             | 8.5            | 15             | 17             | M8 x 1.25P  | 0.40         |
| 5050-670-010-060 | DAT30 x SOM10 - 60 | 107.8  | 60             | 25             | 31             | 10.5           | 19             | 21             | M10 x 1.5P  | 0.40         |
| 5050-670-012-070 | DAT30 x SOM12 - 70 | 117.8  | 70             | 31             | 41             | 12.5           | 21             | 23             | M12 x 1.75P | 0.42         |
| 5050-670-016-080 | DAT30 x SOM16 - 80 | 127.8  | 80             | 31             | 56             | 17             | 25             | 29             | M16 x 2.0P  | 0.42         |
| 5051-670-006-060 | DAT40 x SOM6 - 60  | 128.4  | 60             | 25             | 31             | 6.5            | 13             | 15             | M6 x 1.0P   | 1.00         |
| 5051-670-008-060 | DAT40 x SOM8 - 60  | 128.4  | 60             | 25             | 31             | 8.5            | 15             | 17             | M8 x 1.25P  | 1.00         |
| 5051-670-010-060 | DAT40 x SOM10 - 60 | 128.4  | 60             | 25             | 31             | 10.5           | 19             | 21             | M10 x 1.5P  | 1.10         |
| 5051-670-012-070 | DAT40 x SOM12 - 70 | 138.4  | 70             | 31             | 41             | 12.5           | 21             | 23             | M12 x 1.75P | 1.10         |
| 5051-670-016-080 | DAT40 x SOM16 - 80 | 148.4  | 80             | 30             | 56             | 17             | 25             | 29             | M16 x 2.0P  | 1.20         |
| 5052-670-006-060 | DAT50 x SOM6 - 60  | 161.75 | 60             | 25             | 31             | 6.5            | 13             | 15             | M6 x 1.0P   | 2.90         |
| 5052-670-008-060 | DAT50 x SOM8 - 60  | 161.75 | 60             | 25             | 31             | 8.5            | 15             | 17             | M8 x 1.25P  | 2.90         |
| 5052-670-010-060 | DAT50 x SOM10 - 60 | 161.75 | 60             | 25             | 31             | 10.5           | 19             | 21             | M10 x 1.5P  | 3.00         |
| 5052-670-012-070 | DAT50 x SOM12 - 70 | 171.75 | 70             | 31             | 41             | 12.5           | 21             | 23             | M12 x 1.75P | 3.00         |
| 5052-670-016-080 | DAT50 x SOM16 - 80 | 181.75 | 80             | 31             | 56             | 17             | 25             | 29             | M16 x 2.0P  | 3.00         |

### Product information:

- ▶ The pre-balance reaches G6.3 10,000 rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.
- ▶ AD+B type is available, please inform us when making an order.
- ▶ DAT30 tool holders are without coolant supply over collars.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              |



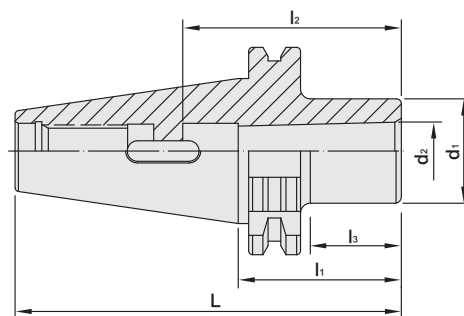
# DAT MORSE TAPER ADAPTER

## TANG TYPE

DAT

DAT 斜柄鑽頭套筒

(DIN 228-2)  
(DIN 6383)



| MODEL NO.        | TYPE               | L      | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | d <sub>1</sub> | d <sub>2</sub> | WEIGHT (KGS) |
|------------------|--------------------|--------|----------------|----------------|----------------|----------------|----------------|--------------|
| 5050-465-001-050 | DAT30 x MTA1 - 50  | 97.8   | 50             | 56             | 27             | 25             | 12.065         | 0.55         |
| 5050-465-002-060 | DAT30 x MTA2 - 60  | 107.8  | 60             | 67             | 37             | 32             | 17.78          | 0.80         |
| 5050-465-003-075 | DAT30 x MTA3 - 75  | 122.8  | 75             | 84             | 53             | 40             | 23.825         | 1.00         |
| 5051-465-001-050 | DAT40 x MTA1 - 50  | 118.4  | 50             | 56             | 22             | 25             | 12.065         | 0.95         |
| 5051-465-002-050 | DAT40 x MTA2 - 50  | 118.4  | 50             | 67             | 27             | 32             | 17.78          | 0.95         |
| 5051-465-003-070 | DAT40 x MTA3 - 70  | 138.4  | 70             | 84             | 47             | 40             | 23.825         | 1.10         |
| 5051-465-004-095 | DAT40 x MTA4 - 95  | 163.4  | 95             | 107            | 74             | 48             | 31.267         | 1.35         |
| 5052-465-001-045 | DAT50 x MTA1 - 45  | 146.75 | 45             | 56             | 22             | 25             | 12.065         | 3.00         |
| 5052-465-002-060 | DAT50 x MTA2 - 60  | 161.75 | 60             | 67             | 35             | 32             | 17.78          | 3.10         |
| 5052-465-003-065 | DAT50 x MTA3 - 65  | 166.75 | 65             | 84             | 40             | 40             | 23.825         | 3.20         |
| 5052-465-004-095 | DAT50 x MTA4 - 95  | 196.75 | 95             | 107            | 70             | 48             | 31.267         | 3.40         |
| 5052-465-005-105 | DAT50 x MTA5 - 105 | 206.75 | 105            | 135            | 80             | 63             | 44.399         | 3.60         |

### Features:

- ▶ The tools used are consistent with Morse Taper DIN228 FROM B (with Tang).

### Product information:

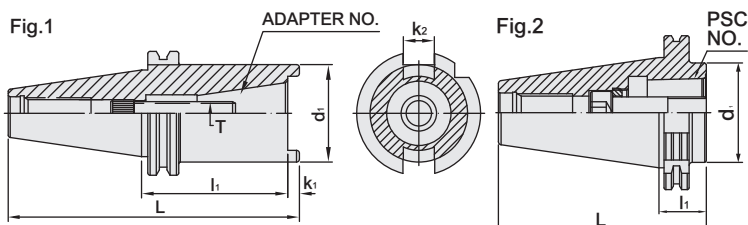
- ▶ The pre-balance reaches G6.3 3,000rpm. Higher balancing grade and revolution can be done upon request but additional charge is needed.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              |



# DAT ADAPTER

## DAT 套筒



| MODEL NO.        | TYPE                 | NO.    | L      | l <sub>1</sub> | d <sub>1</sub> | k <sub>1</sub> | k <sub>2</sub> | T           | MAX. TORQUE |        | Fig | WEIGHT (KGS) |
|------------------|----------------------|--------|--------|----------------|----------------|----------------|----------------|-------------|-------------|--------|-----|--------------|
|                  |                      |        |        |                |                |                |                |             | Nm          | ft-lbs |     |              |
| 5051-692-301-075 | DAT40 x TSA30M - 75  | #30    | 149.4  | 75             | 50             | 6              | 16             | M12 x 1.75P | 45          | 33     | 1   | 1.80         |
| 5051-692-303-075 | DAT40 x TSA30U - 75  | #30    | 149.4  | 75             | 50             | 6              | 16             | 1/2" -12    | 45          | 33     | 1   | 1.80         |
| 5051-013-140-030 | DAT40 x PSC32 - 30   | PSC32  | 98.4   | 30             | 32             | -              | -              | M12 x 1.5P  | 45          | 33     | 2   | 1.40         |
| 5051-013-141-040 | DAT40 x PSC40 - 40   | PSC40  | 108.4  | 40             | 40             | -              | -              | M14 x 1.5P  | 55          | 40     | 2   | 1.50         |
| 5051-013-142-050 | DAT40 x PSC50 - 50   | PSC50  | 118.4  | 50             | 50             | -              | -              | M16 x 1.5P  | 95          | 70     | 2   | 1.60         |
| 5051-013-143-090 | DAT40 x PSC63 - 90   | PSC63  | 158.4  | 90             | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 2.00         |
| 5052-692-301-075 | DAT50 x TSA30M - 75  | #30    | 182.75 | 75             | 50             | 6              | 16             | M12 x 1.75P | 45          | 33     | 1   | 5.00         |
| 5052-692-303-075 | DAT50 x TSA30U - 75  | #30    | 182.75 | 75             | 50             | 6              | 16             | 1/2" -12    | 45          | 33     | 1   | 5.00         |
| 5052-692-401-075 | DAT50 x TSA40M - 75  | #40    | 184.75 | 75             | 85             | 8              | 16             | M16 x 2.0P  | 45          | 33     | 1   | 4.60         |
| 5052-692-403-075 | DAT50 x TSA40U - 75  | #40    | 184.75 | 75             | 85             | 8              | 16             | 5/8" -11    | 45          | 33     | 1   | 4.60         |
| 5052-013-140-030 | DAT50 x PSC32 - 30   | PSC32  | 131.75 | 30             | 32             | -              | -              | M12 x 1.5P  | 45          | 33     | 2   | 4.20         |
| 5052-013-141-030 | DAT50 x PSC40 - 30   | PSC40  | 131.75 | 30             | 40             | -              | -              | M14 x 1.5P  | 55          | 40     | 2   | 4.30         |
| 5052-013-142-030 | DAT50 x PSC50 - 30   | PSC50  | 131.75 | 30             | 50             | -              | -              | M16 x 1.5P  | 95          | 70     | 2   | 4.40         |
| 5052-013-143-030 | DAT50 x PSC63 - 30   | PSC63  | 131.75 | 30             | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 4.50         |
| 5052-013-143-100 | DAT50 x PSC63 - 100  | PSC63  | 201.75 | 100            | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.00         |
| 5052-013-143-150 | DAT50 x PSC63 - 150  | PSC63  | 251.75 | 150            | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.20         |
| 5052-013-143-200 | DAT50 x PSC63 - 200  | PSC63  | 301.75 | 200            | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.40         |
| 5052-013-143-250 | DAT50 x PSC63 - 250  | PSC63  | 351.75 | 250            | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.80         |
| 5052-013-143-300 | DAT50 x PSC63 - 300  | PSC63  | 401.75 | 300            | 63             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 6.00         |
| 5052-013-144-050 | DAT50 x PSC80 - 50   | PSC80  | 151.75 | 50             | 80             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 4.80         |
| 5052-013-144-070 | DAT50 x PSC80 - 70   | PSC80  | 171.75 | 70             | 80             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 4.90         |
| 5052-013-144-100 | DAT50 x PSC80 - 100  | PSC80  | 201.75 | 100            | 80             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.10         |
| 5052-013-144-120 | DAT50 x PSC80 - 120  | PSC80  | 221.75 | 120            | 80             | -              | -              | M20 x 2.0P  | 170         | 125    | 2   | 5.20         |
| 5052-013-146-140 | DAT50 x PSC100 - 140 | PSC100 | 241.75 | 140            | 100            | -              | -              | M24 x 2.0P  | 380         | 277    | 2   | 7.40         |

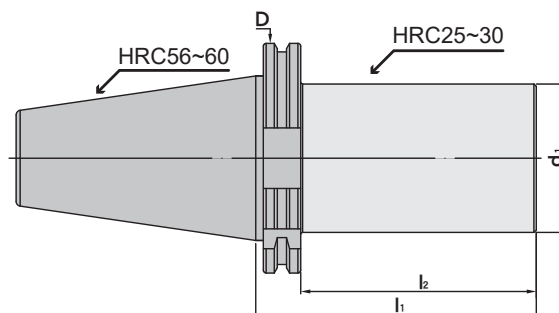
### Features:

- Convert the machine taper for use with different taper types or taper sizes of tool holders.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              |

# DAT BLANK

## DAT 素材



| MODEL NO.        | TYPE                    | D     | d <sub>1</sub> | l <sub>1</sub> | l <sub>2</sub> | WEIGHT (KGS) |
|------------------|-------------------------|-------|----------------|----------------|----------------|--------------|
| 5051-001-063-250 | DAT40 x Ø63-250         | 63.55 | 63             | 250            | 230.9          | 6.32         |
| <b>INCHES</b>    |                         |       |                |                |                |              |
| 5052-001-B05-473 | DAT50 x Ø2.75" - 4.734" | 3.84  | 2.75           | 4.734          | 3.982          | 5.56         |
| 5052-001-B17-332 | DAT50 x Ø4.5" - 3.324"  | 3.84  | 4.5            | 3.324          | 2.572          | 7.09         |

### Features:

- Blanks can be machined according to customer demands. It is not recommended to do heat treatment after machining.

| Pull Stud                                                                           | Torque Wrench Adapter (Pull Stud)                                                   | Spanner (Pull Stud)                                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| P.X-67                                                                              | P.X-73、77                                                                           | P.X-78                                                                              |



**MEMO**

