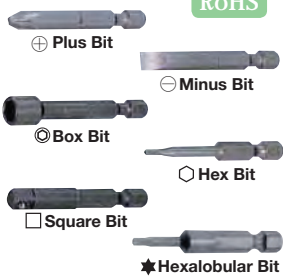


# Interchangeable Bit

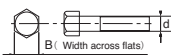
RoHS



|                               |       | From Torque Tool   |   |   |                   |                      |           |       |
|-------------------------------|-------|--|---|---|-------------------|----------------------|-----------|-------|
| Applicable Torque Screwdriver | -     | RTD/RTDZ/LTD<br>BMRD<br>BMLD<br>FTD50CN - 400CN<br>FTD2CN-S - 400CN2-S |   | FTD8N2-S -<br>FTD16N2-S,<br>(FTD8N - 16N) | (02FTD -<br>2FTD) | AMRD<br>AMLMD<br>MTD | LTD2000CN | -     |
| Applicable Power Torque Tool  | U30CN | U (except U30CN)   |   | -   | -                 | -                    | -         | AUR5N |
| Root Shape Sign               | A     | B  | C | D   | E                 | F                    | G         | H     |
| Root Shape and Dimensions     |       |  |   |   |                   |                      |           |       |

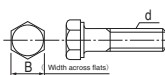
|              |        | Sign     | Size      | Screw       | Tohnichi Original Bit | Common (Standard) | Tohnichi Original Bit | Tohnichi Original Bit | Tohnichi Original Bit | Tohnichi Original Bit | Common (Standard) |       |
|--------------|--------|----------|-----------|-------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|-------|
| From Bolt    | Plus   | 0        | #0 (S-0)  | See Table A | (104)                 |                   | (109)                 |                       | (115)                 |                       |                   |       |
|              |        | 1        | #1 (H-1)  | See Table A |                       | (85)              | (106)                 | (84)                  | (70)                  | (116)                 |                   |       |
|              |        | 2        | #2 (H-2)  | See Table A |                       | (86)              | (107)                 | (80)                  |                       |                       |                   |       |
|              |        | 3        | #3 (H-3)  | See Table A |                       | (87)              |                       | (81)                  |                       |                       | (35)              | (700) |
|              |        | 4        | #4 (H-4)  | See Table A |                       |                   |                       |                       |                       |                       | (36)              |       |
|              | Minus  | 10       | 0.15 x 1  |             |                       |                   |                       |                       |                       | (111)                 |                   |       |
|              |        | 11       | 0.2 x 1.5 |             |                       |                   |                       |                       |                       | (112)                 |                   |       |
|              |        | 12       | 0.3 x 2   |             |                       |                   |                       |                       |                       | (113)                 |                   |       |
|              |        | 13       | 0.4 x 2.4 |             |                       | (105)             |                       |                       |                       |                       |                   |       |
|              |        | 14       | 0.6 x 3.8 |             |                       |                   | (108)                 |                       | (71)                  |                       |                   |       |
|              |        | 15       | 0.7 x 7   |             |                       |                   | (88)                  |                       |                       |                       |                   |       |
|              |        | 16       | 0.9 x 7   |             |                       |                   | (89)                  |                       |                       |                       |                   |       |
|              |        | 17       | 1 x 10    |             |                       |                   |                       |                       |                       |                       |                   | (37)  |
|              |        | 18       | 1 x 12    |             |                       |                   |                       |                       |                       |                       |                   | (38)  |
|              |        | 19       | 1.2 x 17  |             |                       |                   |                       |                       |                       |                       |                   | (39)  |
|              |        | 20       | 1.6 x 10  |             |                       |                   |                       |                       | (82)                  |                       |                   |       |
|              | 21     | 1.2 x 8  |           |             |                       |                   |                       | (83)                  |                       |                       |                   |       |
|              | Box    | Hex Bolt |           |             |                       |                   |                       |                       |                       |                       |                   |       |
|              |        | W 5.5    | 5.5       | M3          |                       |                   | (91)                  |                       |                       |                       |                   |       |
|              |        | W 6      | 6         | (M3.5)      |                       |                   | (95)                  |                       |                       |                       |                   |       |
|              |        | W 7      | 7         | M4          |                       |                   | (92)                  |                       |                       |                       |                   |       |
| W 8          |        | 8        | (M4.5) M5 |             |                       | (93)              |                       |                       |                       |                       |                   |       |
| W 10         | 10     | M6       |           |             | (94)                  |                   |                       |                       |                       |                       |                   |       |
| Hex          |        |          | Cap Screw | Set Screw   |                       |                   |                       |                       |                       |                       |                   |       |
|              | W 1.27 | 1.27     |           | M2.5        |                       | (56)              |                       |                       |                       |                       |                   |       |
|              | W 1.5  | 1.5      |           | M3          |                       | (57)              |                       |                       |                       |                       |                   |       |
|              | W 2    | 2        | M2.5      | M4          |                       | (58)              |                       |                       |                       |                       |                   |       |
|              | W 2.5  | 2.5      | M3        | M5          |                       | (59)              |                       |                       |                       |                       |                   |       |
|              | W 3    | 3        | M4        | M6          |                       | (60)              |                       |                       |                       |                       |                   |       |
|              | W 4    | 4        | M5        | M8          |                       | (61)              |                       |                       |                       |                       |                   |       |
|              | W 5    | 5        | M6        | M10         |                       | (62)              |                       |                       |                       |                       |                   |       |
| W 6          | 6      | M8       | M12 (M14) |             | (63)                  |                   |                       |                       |                       |                       |                   |       |
| W 8          | 8      | M10      | M16 (M18) |             | (64)                  |                   |                       |                       |                       |                       |                   |       |
| Square Drive | □ 2    | □ 6.35   | (1/4)     |             |                       | (90)              |                       |                       |                       | (33)                  |                   |       |
|              | □ 3    | □ 9.53   | (3/8)     |             |                       |                   |                       |                       |                       | (34)                  |                   |       |
| Hexalobular  |        |          | Flat Head | Socket Head | Set Screw             |                   |                       |                       |                       |                       |                   |       |
|              | T 5    | M2       |           | M2.5        |                       |                   | (470)                 |                       |                       |                       |                   |       |
|              | T 6    | M2       |           | M3          |                       |                   | (471)                 |                       |                       |                       |                   |       |
|              | T 7    |          |           | M3.5        |                       |                   |                       |                       |                       |                       |                   |       |
| T 8          | M2.5   | M2.5     | M4        |             |                       | (472)             |                       |                       |                       |                       |                   |       |

## Bolt Head Shape (Ref.)

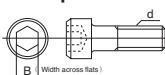


| Nominal Size of Screw (d) | Hex head Bolt (B) | Small Hex Head Bolt (B) | High Strength Hex Bolt for Friction Grip Joint (B) | Hex Socket Head Cap Screw (B) | Hex Socket Set Screw (B) |
|---------------------------|-------------------|-------------------------|--|-------------------------------|--------------------------|
| M2.5                      | 4.5               | -                       | -  | 2                             | 1.27                     |
| M3                        | 5.5               | -                       | -  | 2.5                           | 1.5                      |
| (M3.5)                    | 6                 | -                       | -  | -                             | -                        |
| M4                        | 7                 | -                       | -  | 3                             | 2                        |
| (M4.5)                    | 8                 | -                       | -  | -                             | -                        |
| M5                        | 8                 | -                       | -  | 4                             | 2.5                      |
| M6                        | 10                | -                       | -  | 5                             | 3                        |
| (M7)                      | 11                | -                       | -  | -                             | -                        |
| M8                        | 13                | 12                      | -  | 6                             | 4                        |
| M10                       | 16                | 17                      | 14   | 8                             | 5                        |
| M12                       | 18                | 19                      | 17   | 22                            | 10                       |
| (M14)                     | 21                | 22                      | 19   | 12                            | 6                        |
| M16                       | 24                | 22                      | 27   | 14                            | 8                        |
| (M18)                     | 27                | 24                      | -  | 17                            | 10                       |
| M20                       | 30                | 27                      | 32   | 17                            | 10                       |
| (M22)                     | 32                | 34                      | 30   | 36                            | -                        |
| M24                       | 36                | 32                      | 41   | 19                            | -                        |
| (M27)                     | 41                | 36                      | 46   | 24                            | -                        |
| M30                       | 46                | 41                      | 50   | 22                            | -                        |
| (M33)                     | 50                | 46                      | -  | 27                            | -                        |
| M36                       | 55                | 50                      | -  | -                             | -                        |
| (M39)                     | 60                | 55                      | -  | -                             | -                        |
| M42                       | 65                | -                       | -  | 32                            | -                        |
| JIS                       | JIS B 1180        | JIS B 1180              | JIS B 1186   | JIS B 1176                    | JIS B 1177               |

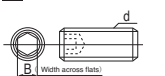
## Hex Bolt



## Cap Screw



## Set Screw



## Flat Head Screw

## How to order:

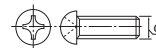
Indicate the model name and catalog No.

(EXAMPLE) MODEL NAME CATALOG No.

⊕BIT A-0 (104)

Root Shape Sign Point Shape Sign

## Size of Bits



| No. of Cross Nominal Size of Screw | Hole No. | Remark  |
|------------------------------------|----------|---|
| M1.6, M2                           | #0 (S-0) |   |
| [M2], (M2.2), M2.5, (M3)           | #1 (H-1) | Pan head screw, Flat head screw, Pan flat screw, Bind screw |
| M3, (M3.5), M4, (M4.5), M5         | #2 (H-2) | [(M3) #1 is bind small screw only]                          |
| M6                                 | #3 (H-3) | [(M2) #1 is not compliant with ISO]                         |
| M8, M10                            | #4 (H-4) |   |

| Nominal Size (a) | M1   | M1.2 | (M1.4) | M1.6 | (M1.7) | M2 | (M2.2) | M2.3 | M2.5 | (M2.6) | M3 | (M3.5) | M4  | (M4.5) | M5  | M6  | M8 | M10 |
|------------------|------|------|--------|------|--------|----|--------|------|------|--------|----|--------|-----|--------|-----|-----|----|-----|
| ISO Screws       |      |      | 0.4    |      | 0.5    |    |        | 0.6  |      | 0.8    | 1  | 1.2    | 1.2 | 1.6    | 2   | 2.5 |    |     |
| Non-ISO Screws   | 0.32 |      | 0.4    |      | 0.6    |    |        | 0.8  |      |        | 1  |        | 1.2 |        | 1.6 |     |    |     |