

# HIGH SPEED SLIM CHUCK

**NIKKEN**

MAX.40,000min<sup>-1</sup> & G2.5



SK-P

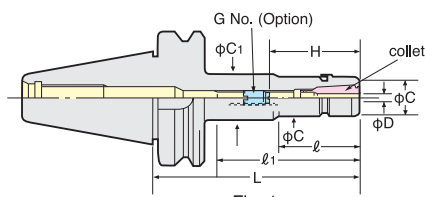


Fig. 1

Explanation of the Code No.

BT40 - SK 10 - 90 P

- Symbol of High Speed
- Nominal Gauge Length mm
- Chucking Capacity
- Symbol of Slim Chuck
- Shank No.

When SK J type nut is used, the total chuck length will be extended by 6mm.

PAT.

| TAPER      | Code No.       | D         | L   | ℓ   | ℓ <sub>1</sub> | C    | C <sub>1</sub> | H      | G No. (Option) | MAX. (min <sup>-1</sup> ) | collet | weight (kg) |
|------------|----------------|-----------|-----|-----|----------------|------|----------------|--------|----------------|---------------------------|--------|-------------|
| No.50      | BT50-SK 6-105P | 0.7 ~ 6.0 | 105 | 55  | 64             | 19.5 | 32             | 21~35  | SKG- 8         | 20,000                    | SK 6   | 3.8         |
|            | -135P          |           | 135 |     | 92             |      |                |        |                |                           |        | 3.9         |
|            | -165P          |           | 165 | 60  | 114            |      |                |        |                |                           |        | 4.0         |
|            | -200P          |           | 200 |     | 151            |      |                |        |                |                           |        | 4.2         |
|            | -SK10-105P     | 1.75~10.0 | 105 | 57  | 57             | 27.5 | 32             | 30~50  | SKG-12L        | 20,000                    | SK10   | 4.2         |
|            | -135P          |           | 135 | 70  | 92             |      |                |        |                |                           |        | 4.4         |
|            | -165P          |           | 165 |     | 114            |      |                |        |                |                           |        | 4.6         |
|            | -200P          |           | 200 | 75  | 151            |      |                |        |                |                           |        | 4.8         |
|            | -225P          | 225       |     | 178 | 5.0            |      |                |        |                |                           |        |             |
|            | -SK13-105P     | 2.75~13.0 | 105 | 62  | 62             | 33   | 33             | 31~65  | SKG-15         | 20,000                    | SK13   | 4.5         |
|            | -135P          |           | 135 |     | 92             |      |                |        |                |                           |        | 4.7         |
|            | -165P          |           | 165 | 92  | 122            |      |                |        |                |                           |        | 4.9         |
|            | -200P          |           | 200 |     | 157            |      |                |        |                |                           |        | 5.2         |
|            | -SK16-105P     | 2.75~16.0 | 105 | 62  | 62             | 40   | 40             | 40~70  | SKG-18L        | 20,000                    | SK16   | 4.7         |
|            | -135P          |           | 135 | 92  | 92             |      |                |        |                |                           |        | 4.9         |
|            | -165P          |           | 165 | 90  | 122            |      |                |        |                |                           |        | 5.1         |
|            | -200P          |           | 200 |     | 157            |      |                |        |                |                           |        | 5.5         |
|            | -SK20-105P     | 3.5~20.0  | 105 | 62  | 62             | 48.5 | 48.5           | 47~80  | SKG-22         | 20,000                    | SK20   | 4.3         |
|            | -135P          |           | 135 | 92  | 92             |      |                |        |                |                           |        | 4.6         |
|            | -165P          |           | 165 | 122 | 122            |      |                |        |                |                           |        | 5.0         |
| -200P      | 200            |           | 157 | 157 | 5.4            |      |                |        |                |                           |        |             |
| -SK25-105P | 7.5~25.4       | 105       | 62  | 62  | 55             | 55   | 50~85          | SKG-28 | 15,000         | SK25                      | 5.2    |             |
| -135P      |                | 135       | 92  | 92  |                |      |                |        |                |                           | 5.4    |             |
| -165P      |                | 165       | 122 | 122 |                |      |                |        |                |                           | 5.6    |             |
| -200P      |                | 200       | 157 | 157 |                |      |                |        |                |                           | 6.0    |             |

★ Collet, adjust screw (G No.) and GH Handle are available as an option.

The Code No. of the GH Handle is SK6-P: GH6, SK10-P: GH10, SK13-P: GH13, SK16-P: GH16, SK20-P: GH20, SK25-P: GH25

★ Please refer P.43 for TIN Bearing Nut.

★ Please refer P.43 for SK collet.

★ Adjust screw with centre hole P.44 can be used for centre through tool coolant application (MAX. 1MPa).

Please refer P.44 for adjust screw (G No.).



GH Handle

## Code No. for SLIM CHUCK with SPECIAL NUT

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### Code No. for Slim Chuck with special nut

Standard nut (for C-spanner) is attached for standard slim chuck.

Nut for high speed (for GH Handle) is attached for high speed slim chuck.

- Standard slim chuck + J type nut : Please add "-J" at the end of Code No. e.g. BT40-SK10-90-J
- Standard slim chuck + Nut for high speed : Please add "-G" at the end of Code No. e.g. BT40-SK10-90-G
- Standard slim chuck + J type nut for high speed : Please add "-GJ" at the end of Code No. e.g. BT40-SK10-90-GJ
- High speed slim chuck + J type nut : Please add "-J" at the end of Code No. e.g. BT40-SK10-90P-J

### Code No. for VC holder with special nut

- With J type nut : Please add "-J" at the end of Code No. e.g. BT40-VC13-90-J

### Code No. for MAJOR DREAM holder with special nut

- With J type nut : Please add "-J" at the end of Code No. e.g. BT40-MDSK13-90-J
- With nut for C-spanner : Please add "-SN" at the end of Code No. e.g. BT40-MDSK13-90-SN
- With J type nut for C-spanner : Please add "-SNJ" at the end of Code No. e.g. BT40-MDSK13-90-SNJ

When RPT treatment is required at same time, please add "-RP" first. e.g. BT40-SK10-90-RP-J