

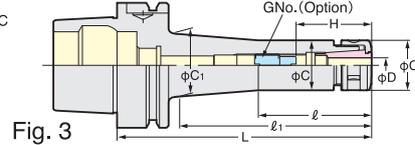
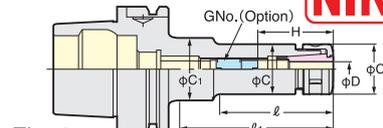
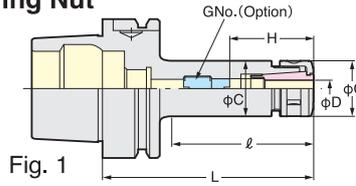
# HSK SLIM CHUCK



High Precision·High Speed  
Power of TiN Bearing Nut



SK  
Centre Through  
MAX. 7MPa



Please add "-J" at the end of code No. for the chuck with SK J type nut. (Cap is not included, please order separately) e.g. HSK63A-SK10C-105-J  
When SK J type nut is used, the total chuck length will be extended by 6mm.

PAT.

| TAPER                     | Code No.                        | φD                              | H       | H <sub>1</sub> | ℓ          | ℓ <sub>1</sub> | C    | C <sub>1</sub> | G No. (Option) | Weight (kg) | Fig. | SK Collet |      |   |
|---------------------------|---------------------------------|---------------------------------|---------|----------------|------------|----------------|------|----------------|----------------|-------------|------|-----------|------|---|
| HSK 40A                   | HSK 40A-SK 6 - 60* <sup>3</sup> | 0.7~6.0                         | 40      | 40             | 37         | -              | 19.5 | -              | -              | 0.28        | 1    | SK 6      |      |   |
|                           | -SK 6C- 80                      |                                 | 26~31   | 46             | 57         |                |      |                | SKG6-6HG       | 0.32        |      |           |      |   |
|                           | -SK10 - 60* <sup>3</sup>        | 1.75~10.0                       | 40      | 40             | 39         | -              | 27.5 | -              | -              | 0.35        | 1    | SK10      |      |   |
|                           | -SK10C-100                      |                                 | 29~36   | 43             | 52         |                |      |                | SKG-6L         | 0.4         |      |           |      |   |
|                           | -SK13 - 75* <sup>3</sup>        | 2.75~13.0                       | 55      | 55             | 54         | -              | 33   | -              | -              | 0.5         | 1    | SK13      |      |   |
|                           | -SK13C-120                      |                                 | 39~41   | 58             | 77         |                |      |                | SKG10-10HG     | 0.5         |      |           |      |   |
|                           | -SK16 - 80* <sup>2</sup>        | 2.75~16.0                       | 60      | 60             | 59         | -              | 40   | -              | -              | 0.6         | 1    | SK16      |      |   |
|                           | -SK16C-120                      |                                 | 45~52   | 77             | 99         |                |      |                | SKG16-10HG     | 0.9         |      |           |      |   |
| HSK 50A                   | HSK 50A-SK 6 - 60* <sup>3</sup> | 0.7~6.0                         | 37      | 37             | 31         | -              | 19.5 | -              | -              | 0.4         | 1    | SK 6      |      |   |
|                           | -SK 6C- 80                      |                                 | 26~31   | 46             | 51         |                |      |                | SKG6-6HG       | 0.5         |      |           |      |   |
|                           | -SK10 - 60* <sup>3</sup>        | 1.75~10.0                       | 35      | 35             | 33         | -              | 27.5 | -              | -              | 0.5         | 1    | SK10      |      |   |
|                           | -SK10 - 90* <sup>2</sup>        |                                 | 35~41   | 65             | 63         |                |      |                | SKG-12S        | 0.6         |      |           |      |   |
|                           | -SK10C-105                      | 2.75~13.0                       | 35~41   | 58             | 76         | -              | 33   | -              | -              | 0.7         | 1    | SK13      |      |   |
|                           | -SK13 - 70* <sup>3</sup>        |                                 | 31~47   | 80             | 76         |                |      |                | SKG10-10HG     | 1.2         |      |           |      |   |
|                           | -SK13 - 90* <sup>3</sup>        | 2.75~13.0                       | 65      | 65             | 61         | -              | 33   | -              | -              | 1.1         | 1    | SK13      |      |   |
|                           | -SK13 - 105* <sup>2</sup>       |                                 | 39~51   | 68             | 89         |                |      |                | SKG13-10HG     | 1.4         |      |           |      |   |
|                           | -SK16 - 80* <sup>3</sup>        | 2.75~16.0                       | 52      | 52             | 53         | -              | 40   | -              | -              | 0.6         | 1    | SK16      |      |   |
|                           | -SK16 - 105* <sup>2</sup>       |                                 | 50~58   | 65             | 78         |                |      |                | SKG-6L-25L     | 0.9         |      |           |      |   |
|                           | -SK16C-120                      | 45~52                           | 77      | 93             | SKG16-10HG | 1.1            |      |                |                |             |      |           |      |   |
|                           | HSK 63A                         | HSK 63A-SK 6 - 60* <sup>3</sup> | 0.7~6.0 | 38             | 38         | 31             | -    | 19.5           | -              | -           | 0.7  | 1         | SK 6 |   |
| -SK 6 - 80* <sup>2</sup>  |                                 | 21~35                           |         | 58             | 51         | SKG8-18L       |      |                |                | 0.8         |      |           |      |   |
| -SK 6C-100                |                                 | 26~31                           |         | 46             | 62         | 71             |      |                |                | 32          | 0.9  |           |      | 2 |
| -SK 6C-120                |                                 | 26~31                           |         | 46             | 62         | 91             |      |                |                | 32          | 1.0  |           |      | 3 |
| -SK 6C-150                |                                 | 26~31                           | 46      | 60             | 121        | 25             | 1.2  | 3              |                |             |      |           |      |   |
| -SK10 - 60* <sup>3</sup>  |                                 | 1.75~10.0                       | 35      | 35             | 31         | -              | 27.5 | -              | -              | 0.7         | 1    | SK10      |      |   |
| -SK10C- 90                |                                 |                                 | 33~36   | 53             | 59         |                |      |                | SKG10-10HGG    | 1.0         |      |           |      |   |
| -SK10C-105                |                                 |                                 | 33~41   | 58             | 74         |                |      |                | SKG10-10HG     | 1.1         |      |           | 2    |   |
| -SK10C-120                |                                 |                                 | 33~41   | 58             | 60         |                |      |                |                | 91          |      |           | 1.3  |   |
| -SK10C-135                |                                 | 33~41                           | 58      | 75             | 106        | 40             | 1.5  | 3              |                |             |      |           |      |   |
| -SK10C-150                |                                 | 33~41                           | 58      | 73             | 121        | 34.5           | 1.7  | 3              |                |             |      |           |      |   |
| -SK13 - 70* <sup>3</sup>  |                                 | 2.75~13.0                       | 45      | 45             | 43         | -              | 33   | -              | -              | 0.9         | 1    | SK13      |      |   |
| -SK13 - 90* <sup>3</sup>  |                                 |                                 | 64      | 64             | 61         |                |      |                | SKG-15         | 1.1         |      |           |      |   |
| -SK13 - 105* <sup>2</sup> |                                 |                                 | 31~47   | 80             | 74         |                |      |                | SKG13-10HG     | 1.2         |      |           | 3    |   |
| -SK13C-120                |                                 |                                 | 39~51   | 68             | 89         |                |      |                |                | 1.5         |      |           |      |   |
| -SK13C-150                |                                 | 39~51                           | 68      | 88             | 119        | 39             | 1.8  | 3              |                |             |      |           |      |   |
| -SK16 - 80* <sup>3</sup>  |                                 | 2.75~16.0                       | 52      | 52             | 51         | -              | 40   | -              | -              | 1.1         | 1    | SK16      |      |   |
| -SK16 - 105* <sup>2</sup> |                                 |                                 | 50~58   | 65             | 76         |                |      |                | SKG-8          | 1.3         |      |           |      |   |
| -SK16C-120                |                                 |                                 | 45~52   | 77             | 91         |                |      |                | SKG16-10HG     | 1.6         |      |           |      |   |
| -SK16C-150                |                                 |                                 | 45~57   | 84             | 121        |                |      |                | SKG16-12HG     | 1.7         |      |           |      |   |
| -SK20 - 90* <sup>3</sup>  |                                 | 3.5~20.0                        | 59      | 59             | 63         | -              | 48.5 | -              | -              | 1.4         | 1    | SK20      |      |   |
| -SK20 - 105* <sup>2</sup> |                                 |                                 | 50~57   | 64             | 78         |                |      |                | SKG-8          | 1.6         |      |           |      |   |
| -SK20C-120                |                                 |                                 | 50~55   | 74             | 93         |                |      |                | SKG20-12MFHG   | 1.8         |      |           | 2.0  |   |
| -SK20C-135                |                                 |                                 | 50~55   | 74             | 108        |                |      |                |                | 2.0         |      |           |      |   |
| -SK25 - 90* <sup>3</sup>  | 7.5~25.4                        | 63                              | 63      | 61             | -          | 55             | -    | -              | 1.6            | 1           | SK25 |           |      |   |
| -SK25C-135                |                                 | 60~65                           | 91      | 108            |            |                |      | SKG25-18HGE    | 1.9            |             |      |           |      |   |

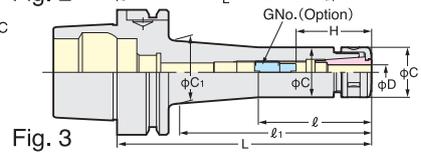
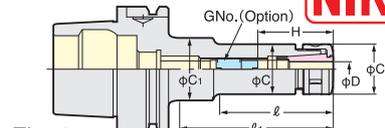
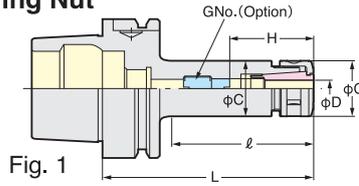
★Collet, adjust screw (G No.) and spanner are available as an option. ★Please refer P.217 for SK collet and please refer P.43 for J type nut.  
The Code No. of the spanner is SK6C (C=φ18): SKL-6, SK6C (C=φ19.5): SKL-6W, SK10C: SKL-10, SK13C: 9HC12A, SK16C: 9HC16, SK20C: 9HC22, SK25C: 9HC25  
★H<sub>1</sub> means MAX.H without an adjust screw. ★No adjust screw is applied for the Slim Chucks marked \*3.  
★All Slim Chucks are High Pressure centre Through Coolant type (MAX. 7MPa). SK6C: φ4~φ6, SK10C: φ6~φ10, SK16C: φ10~φ16, SK25C: φ16~φ25  
★Slim Chucks marked \*2 and \*3 can be used for the centre through coolant type with J type nut. ★ is C type. HSK40A-SK16C-120, HSK50A-SK6C-80, HSK63A-SK25C-135

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**SK**  
Centre Through  
MAX. 7MPa



Please add "-J" at the end of code No. for the chuck with SK J type nut. (Cap is not included, please order separately) e.g. HSK63A-SK10C-105-J  
When SK J type nut is used, the total chuck length will be extended by 6mm.

**PAT.**

| TAPER    | Code No.                 | φD        | H     | H <sub>1</sub> | ℓ     | ℓ <sub>1</sub> | C    | C <sub>1</sub> | G No. (Option) | Weight (kg) | Fig.       | SK Collet |    |            |     |   |
|----------|--------------------------|-----------|-------|----------------|-------|----------------|------|----------------|----------------|-------------|------------|-----------|----|------------|-----|---|
| HSK 100A | HSK100A-SK 6C-105        | 0.7~6.0   | 26~31 | 46             | 62    | 71             | 19.5 | 40             | SKG6-6HG       | 1.2         | 2          | SK 6      |    |            |     |   |
|          | -SK10C-105               |           |       |                | 57    | 71             |      |                |                | 2.6         |            |           |    |            |     |   |
|          | -SK10C-120               | 1.75~10.0 | 33~41 | 58             | 74    | 86             | 27.5 | 40             | SKG10-10HG     | 2.9         | 2          | SK10      |    |            |     |   |
|          | -SK10C-150               |           |       |                | 80    | 116            |      |                |                | 3.2         |            |           |    |            |     |   |
|          | -SK10C-200               |           |       |                | 75    | 166            |      |                |                | 3.5         |            |           |    |            |     |   |
|          | -SK13 -105* <sup>3</sup> | 2.75~13.0 | 63    | 63             | 71    | -              | 33   | -              | -              | 2.7         | 1          | SK13      |    |            |     |   |
|          | -SK13C-120               |           |       |                | 86    | -              |      |                |                | 3.1         |            |           |    |            |     |   |
|          | -SK13C-150               |           |       |                | 39~51 | 68             |      |                |                | 92          | 116        |           | 45 | SKG13-10HG | 3.4 | 2 |
|          | -SK13C-200               |           |       |                |       |                |      |                |                | 92          | 166        |           | 45 | 3.8        | 3   |   |
|          | -SK16 -105* <sup>3</sup> | 2.75~16.0 | 45~60 | 63             | 71    | -              | 40   | -              | SKG-12-30L     | 2.7         | 1          | SK16      |    |            |     |   |
|          | -SK16C-120               |           |       |                | 86    | -              |      |                |                | 3.2         |            |           |    |            |     |   |
|          | -SK16C-150               |           |       |                | 45~52 | 84             |      |                |                | 90          | 116        |           | 50 | SKG16-12HG | 3.5 | 2 |
|          | -SK16C-200               |           |       |                |       |                |      |                |                | 90          | 166        |           | 55 | SKG16-12HG | 3.8 | 3 |
|          | -SK20C-120               | 3.5~20.0  | 50~55 | 74             | 86    | -              | 48.5 | -              | SKG20-12MFHG   | 3.1         | 1          | SK20      |    |            |     |   |
|          | -SK20C-150               |           |       |                | 116   | -              |      |                |                | 3.5         |            |           |    |            |     |   |
|          | -SK20C-200               |           |       |                | 47~63 | 82             |      |                |                | 166         |            |           | -  | 4.2        |     |   |
|          | -SK25 -120* <sup>3</sup> | 16.0~25.4 | 55~75 | 76             |       |                | 86   | -              | 55             | -           | SKG-12-30L | 3.4       | 1  | SK25       |     |   |
|          | -SK25C-145               |           |       |                | 60~65 | 91             |      |                |                |             |            |           |    |            | 111 | - |

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The Code No. of the spanner is SK6C (C=φ18): SKL-6, SK6C (C=φ19.5): SKL-6W, SK10C: SKL-10, SK13C: 9HC12A, SK16C: 9HC16, SK20C: 9HC22, SK25C: 9HC25  
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★ Slim Chucks marked \*<sup>2</sup> and \*<sup>3</sup> can be used for the centre through coolant type with J type nut. ★ is C type. HSK40A-SK16C-120, HSK50A-SK6C-80, HSK63A-SK25C-135

HSK