

# HIGH PRECISION SLEEVE FOR CNC AUTOMATIC TURNING MACHINE

BEST CHOICE FOR PRECISE DRILLING AND HIGH ACCURACY REAMING



**NEW**

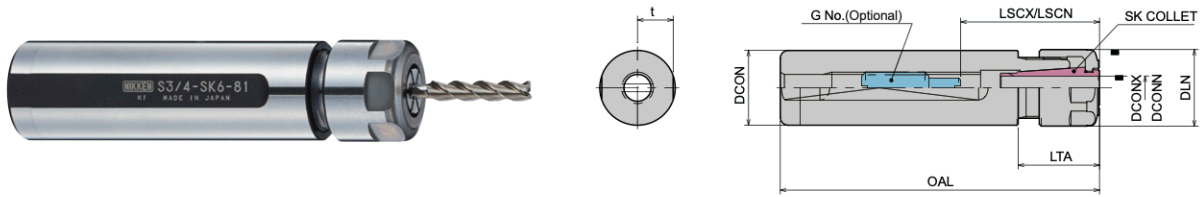


**NIKKEN**

**NIKKEN KOSAKUSHO WORKS, LTD.**

# SK SLEEVE (SLIM CHUCK)

High accuracy Slim Chuck makes it possible to achieve precise hole-making operation.



Code.No.	Tool Shank Dia. DCON	t	Chucking Dia. DCONN~DCONX	Total Length OAL	Stem Length LTA	Nut Dia. DLN	Adjustable Range LSCN~LSCX	G No. (Optional)	Weight (kg)	Collet	Wrench (Optional)
<b>ST3/4(20)-SK 6- 81</b>	19.05(20)	9	0.7 ~ 6.0	80.5	20.5	19.5	21 ~ 35	SKG-8	0.14	SK6	SKL-6W (SKL-6WS)
140.5				0.26							
96.5				0.17							
<b>ST1(25) -SK10- 82</b>	25.4(25)	11	1.75 ~ 10.0	82.1	22.1	27.5	30 ~ 57	SKG-12L	0.23	SK10	SKL-10
142.1				0.40							
97.1				0.30							
<b>ST1CM -SK10- 97</b>	25.4						30 ~ 60				

Nut is included.

Please confirm the machine specification. The modification is sometimes required.

Collet is not included.

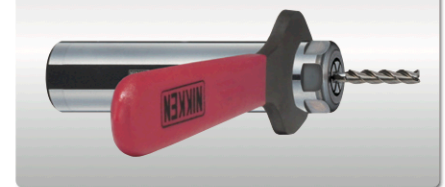
Tool shank Dia 22mm and 15.875mm are available. (Optional) (Ex.) S22-SK6-141

## FOR SK SLEEVE SK COLLET



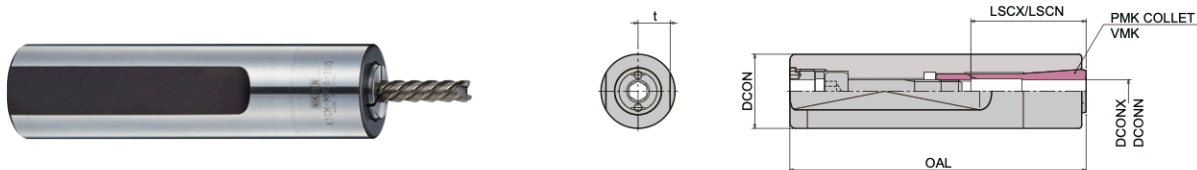
Code No.	Chucking Dia.	Code No.	Chucking Dia.
<b>SK6-0.8</b>	0.7 ~ 0.8	<b>SK10-2</b>	1.75 ~ 2.0
<b>-1</b>	0.9 ~ 1.0	<b>-2.25</b>	2.0 ~ 2.25
<b>-1.25</b>	1.15 ~ 1.25	<b>-2.5</b>	2.25 ~ 2.5
<b>-1.5</b>	1.3 ~ 1.5	<b>-2.75</b>	2.5 ~ 2.75
<b>-1.75</b>	1.55 ~ 1.75	<b>-3</b>	2.75 ~ 3.0
<b>-2</b>	1.8 ~ 2.0	<b>-3.5</b>	3.0 ~ 3.5
<b>-2.25</b>	2.05 ~ 2.25	<b>-4</b>	3.5 ~ 4.0
<b>-2.5</b>	2.3 ~ 2.5	<b>-4.5</b>	4.0 ~ 4.5
<b>-2.75</b>	2.55 ~ 2.75	<b>-5</b>	4.5 ~ 5.0
<b>-3</b>	2.8 ~ 3.0	<b>-5.5</b>	5.0 ~ 5.5
<b>-3.5</b>	3.0 ~ 3.5	<b>-6</b>	5.5 ~ 6.0
<b>-4</b>	3.5 ~ 4.0	<b>-6.5</b>	6.0 ~ 6.5
<b>-4.5</b>	4.0 ~ 4.5	<b>-7</b>	6.5 ~ 7.0
<b>-5</b>	4.5 ~ 5.0	<b>-7.5</b>	7.0 ~ 7.5
<b>-5.5</b>	5.0 ~ 5.5	<b>-8</b>	7.5 ~ 8.0
<b>-6</b>	5.5 ~ 6.0	<b>-8.5</b>	8.0 ~ 8.5
		<b>-9</b>	8.5 ~ 9.0
		<b>-9.5</b>	9.0 ~ 9.5
		<b>-10</b>	9.5 ~ 10.0

## Wrench (Optional) SKL-6W, SKL-10



Small size wrench "SKL-6WS" is available when there is some interferences.

# MMC SLEEVE (MINI MINI CHUCK)



Code.No.	Tool Shank Dia. DCON	t	Chucking Dia. DCONN~DCONX	Total Length OAL	Adjustable Range LSCN~LSCX	Collet	Wrench (Optional)
<b>K5/8CM-MMC4- 50</b>	15.875	7	1.0 ~ 4.0	52.0	16 ~ 24	MPK4	Hex 4mm
<b>K3/4CM-MMC8- 80</b>	19.05	9	1.8 ~ 8.0	81.5	22 ~ 41	PMK8	Hex 6mm or EA573KL-6
<b>K20CM -MMC8-100</b>	20.0			101.5			
<b>K1CM -MMC8-100</b>	25.4	11		101.5			

Both Collet and Wrench are not included.

## FOR MMC4 MPK COLLET



Code No.
MPK4-1, 1.5, 2, 2.5, 3, 3.5, 4

MPK Collet clamping range: h6

## FOR MMC8 PMK VMK COLLET



Code No.
PMK VMK 8-2, 2.2, 2.4, ...3, ...4, ...5, ...6, ...7, ...8 (Each 0.2mm)

Choosing exactly the same size with tool shank (tolerance h6) is highly recommended.  
PMK / VMK Collet Clamping Range: 0.2mm

Clamp / Unclamp from the back side of the tool

**EA573KL-6**

