

# HIGH SPEED SPINDLE SPEEDER

**NIKKEN**

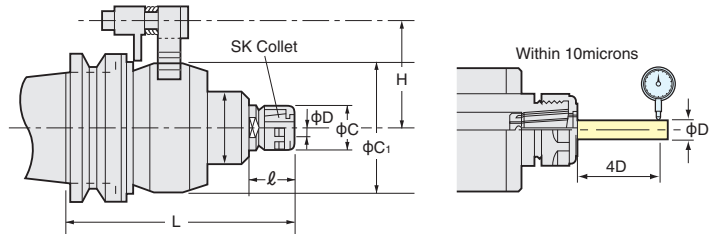
10,000~40,000r/min

- NIKKEN NX increases the spindle speed by 4 or 5 times, so economically convert your standard M/C to high speed M/C.
- Inside gears are mirror-finish ground by NIKKEN original Fluid-Dynamic Grinding Process.
- Run-out accuracy is more stable due to TiN Bearing Nut (standard accessory).



**NX**

Explanation of the Code No.  
**BT40** - Shank  
**NX** - Ratio  
**5** - Length  
**160** - Length  
 ● NX : 4times, 5 times  
 PX : 6times, 10 times



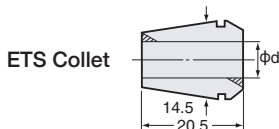
TAPER	Code No.	D	L	C	C <sub>1</sub>	l	H	Ratio	MAX. r/min	Weight (kg)	Collet	
<b>No.30</b>	<b>BT30-NX 5-153</b>	1.75~10	153	27.5	85	32	55	5	20,000	2.9	<b>SK10A</b>	
	<b>BT40-NX 5-153</b>		153									
<b>No.40</b>	<b>(IT40)-PX 6-150GX</b>	0.5~8.0	149	22	76	14.5	60	6	30,000	4.1	<b>ETS14</b>	
	<b>-PX10-160GX</b>		162.5									
<b>No.50</b>	<b>BT50-NX 4-192</b>	1.75~16	192	40	118	46	82	4	10,000	11.0	<b>SK16A</b>	
	<b>(IT50)-NX 5-151</b>	1.75~10	151	27.5	85			5	20,000	7.0	<b>SK10A</b>	
	<b>-PX 6-140GX</b>	0.5~8.0	142	22	76			14.5	6	30,000	6.8	<b>ETS14</b>
	<b>-PX10-155GX</b>		155.5						98	10	40,000	

**NX type**

- ★For End Mill, please use **SK A type collet**. For Drill, please use **SK-P class collet**. [P.47](#)
- ★Wrench, Collet Extractor and **A type SK Collets** are supplied as standard.
- NX5: SK10-6A, 8A, 10A NX4: SK16-8A, 10A, 12A, 16A
- ★Stopper block is available as an option. When ordering, please inform your M/C maker and Model as well as your M/C spindle flange dimension. [P.324](#)
- ★Air Cylinder for Cooling (NXE-COOL) is highly recommended to use for the stable milling.

**PX type**

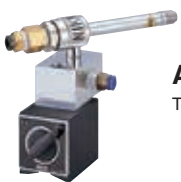
- ★Grease lubrication is standard.
- ★Please add "**MX**" instead of "**GX**" at the end of Code No. for the oil mist lubrication. e.g. **BT40-PX6-130MX**
- ★ETS collet is supplies as an option.



Explanation of the Code No.

**ETS** - Symbol of ETS Collet  
**14** - Style No.  
**0.5** - MAX. Chucking Dia.

- ★ d=0.5~1.0: Each 0.1mm (Gripping range : 0.1mm)  
 e.g. **ETS14-0.5 : 0.4~0.5mm**
- ★ d=1.25~2.5: Each 0.25mm (Gripping range : 0.25mm)
- ★ d=3.0 ~8.0: Each 0.5mm (Gripping range : 0.5mm)



**Air Cylinder for Cooling with ON/OFF Magnet NXE-COOL**

The best cooling is to cool the speeder body directly.

