

# HIGH SPEED SPINDLE SPEEDER

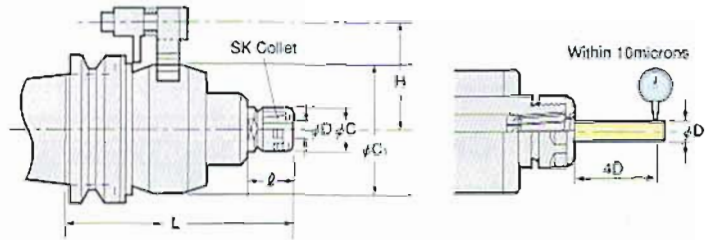
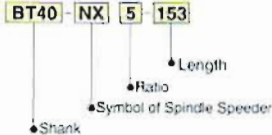
**NIKKEN**

**NX**



- High Speed : 10,000~20,000min<sup>-1</sup>
- 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).

Explanation of the Code No.



## Standard

TAPER	Code No.	D	L	C	C <sub>1</sub>	ℓ	H	Ratio	MAX. min <sup>-1</sup>	Weight(kg)	Collet
No.30	BT30-NX5-153	1.75~10	153	27.5	85	32	55	5	20,000	2.9	SK 10P
No.40	BT40-NX5-153 (IT40)		153				60				
No.50	BT50-NX5-151 (IT50)		151				82				
	-NX4-192	2.75~16	192	40	118	46	82	4	10,000	11.0	SK 16P

- ★ For End Mill, please use SK A type collet. For Drill, please use SK-P class collet.
- ★ 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.107, P.108
- ★ Air Cylinder for Cooling (NXE-COOL) is highly recommended to use for the stable milling.

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

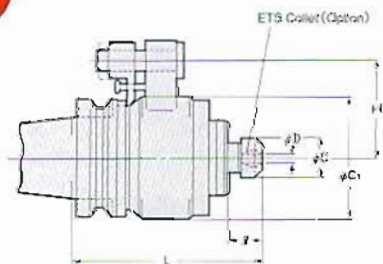


## PX PX type HIGH SPEED SPINDLE SPEEDER

**NEW**



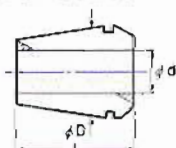
- MAX min<sup>-1</sup> : 30,000~40,000min<sup>-1</sup>
- As the increasing ratio is 6 or 10 times, M/C spindle load will be reduced.



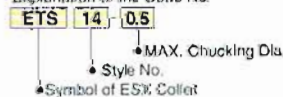
TAPER	Code No.	D	L	C	C <sub>1</sub>	ℓ	H	Ratio	MAX. min <sup>-1</sup>	Weight (kg)	Collet
No.40	BT40-PX 6-150GX	0.5~8.0	149	22	76	14.5	60	6	30,000	4.1	ETS 14
	-PX10-160GX		162.5					98	10	40,000	
No.50	BT50-PX 6-140GX		142	22	76	14.5	82	6	30,000	6.8	
	-PX10-155GX		155.5					98	10	40,000	

- ★ Grease lubrication is standard.
- ★ For continuous running application, oil mist lubrication is available. Please add "MX" at the end of the Code No. instead of "GX". e.g. BT40-PX6-150MX
- ★ 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.107, P.108

## ETS Collet



Explanation of the Code No.



Code No.	D	L
ETS14-0.5~8.0	14.5	20.5

- ★ 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)