

HIGH SPEED SPINDLE SPEEDER

NIKKEN



NX

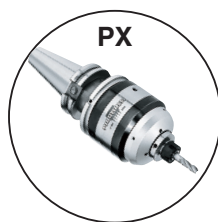
Explanation of the Code No.

BT40 - **NX** **5** **160**

• Ratio
• NX : 4times, 5 times
PX : 6times, 10 times

• Shank

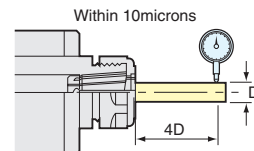
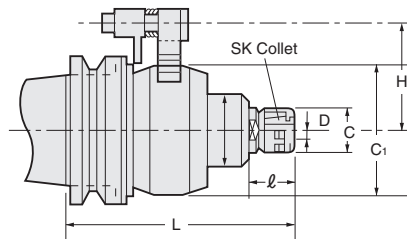
Length



PX

10,000~40,000min⁻¹

- **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).**



| TAPER | Code No. | D | L | C | C ₁ | ℓ | H | Ratio | MAX. min ⁻¹ | Weight (kg) | Collet | |
|-------|-------------------|---------|-------|------|----------------|------|----|-------|------------------------|-------------|--------|-----|
| No.30 | BT30-NX 5-153 | 1.75~10 | 153 | 27.5 | 85 | 32 | 55 | 5 | 20,000 | 2.9 | SK10A | |
| No.40 | BT40-NX 5-153 | | 153 | | | | | | | 5.0 | | |
| | (IT40)-PX 6-150GX | 0.5~8.0 | 149 | 22 | 76 | 14.5 | 60 | 6 | 30,000 | 4.1 | ETS14 | |
| | -PX10-160GX | | 162.5 | | | | | 98 | 10 | 40,000 | | 4.5 |
| No.50 | BT50-NX 4-192 | 1.75~16 | 192 | 40 | 118 | 46 | 82 | 4 | 10,000 | 11.0 | SK16A | |
| | (IT50)-NX 5-151 | 1.75~10 | 151 | 27.5 | 85 | | | 5 | 20,000 | 7.0 | SK10A | |
| | -PX 6-140GX | 0.5~8.0 | 142 | 22 | 76 | 14.5 | | 6 | 30,000 | 6.8 | ETS14 | |
| | -PX10-155GX | | 155.5 | | | | | 98 | 10 | 40,000 | | 7.2 |

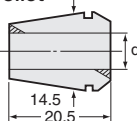
NX type

- ★ For End Mill, please use **SK A type collet**. For Drill, please use **SK-P** class collet. P.39
- ★ 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.
- ★ 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.

ETS Collet



Explanation of the Code No.

ETS **14** **-0.5**

• MAX. Chucking Dia.
• Style No.
• Symbol of ETS Collet

- ★ 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.

