

2LOCK HIGH SPEED SPINDLE SPEEDER

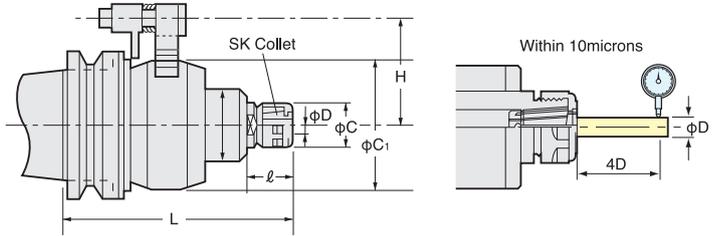


10,000~40,000min⁻¹

- 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).

NX, PX

Explanation of the Code No.
NBT40-NX 5 160
 • Shank
 • Ratio
 • Length
 • NX:4times, 5 times
 • PX:6times, 10 times



TAPER	Code No.	D	L	C	C ₁	l	H	Ratio	MAX. min ⁻¹	Weight(kg)	Collet	
No.30	NBT30-NX 5-153	1.75~10	153	27.5	85	32	55	5	20,000	2.9	SK 10A	
	NBT40-NX 5-153		153									
No.40	(NIT40)-PX 6-150GX	0.5~8.0	149	22	76	14.5	60	6	30,000	4.1	ETS14	
	-PX10-160GX		162.5									
No.50	NBT50-NX 4-192	2.75~16	192	40	118	46	82	4	10,000	11.0	SK 16A	
	(NIT50)-NX 5-151	1.75~10	151	27.5	85			5	20,000	7.0	SK 10A	
	-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	

NX type

- For End Mill, please use SK A type collet. For Drill, please use SK-P class collet. (P.167)
- 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.



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

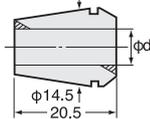
The best cooling is to cool the speeder body directly.



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. NBT40-PX6-130MX
- ETS collet is supplied as an option.

ETS Collet



Explanation of the Code No.

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

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

2LOCK AIR TURBINE SPINDLE TOOL

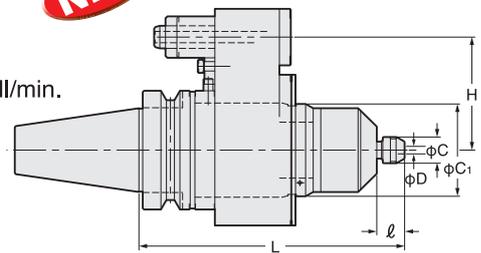


150,000min⁻¹

Run-out Accuracy of the Spindle: Within 1μm

Air Pressure, Consumption:0.5MPa, 90NI/min.
 Collet Size:MAX φ4.0mm

NEW



HTS

Explanation of the Code No.
NBT40-HTS1500-140
 • Shank No.
 • Symbol of Air Turbine Spindle
 • 150,000min⁻¹
 • Nominal Gauge Length

HSK shank is also available.

HSK 50A-HTS1500-158
 HSK 63A-HTS1500-160
 HSK100A-HTS1500-167



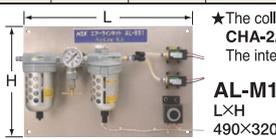
Please do not rotate the machine spindle.

TAPER	Code No.	D	L	C	C ₁	l	H	MAX. min ⁻¹	Weight(kg)	Collet
No.30	NBT30-HTS1500-148	0.5~4	148	13.9	49	15	55	150,000	2.7	CHA-□ (Internal dia.)
	-HTS1500-152B		152				40			
No.40	NBT40-HTS1500-140	140	146	82	60	3.2				
No.50	NBT50-HTS1500-146	146			82	6.0				

- Collet CHA-4.0 and spanner are supplied as standard.
- Air line kit(AL-M1202/AL-M1203BS2), the lubrication oil(K-211) and the stopper block are available as an option.



AL-M1202
 L×W×H
 300×120×220



AL-M1203BS2(DC24V ON/OFF)
 L×H
 490×320

- The collet which internal dia. excepts φ4.0mm is available as an option. CHA-2.35, 3.0, 3.175
- The internal dia. range is each 0.1mm incremental from φ0.5 to φ4.0mm.

2LOCK