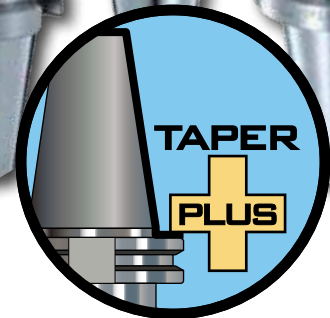
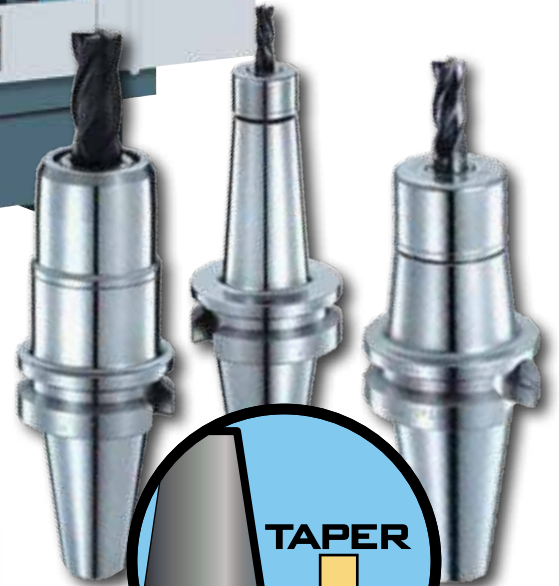
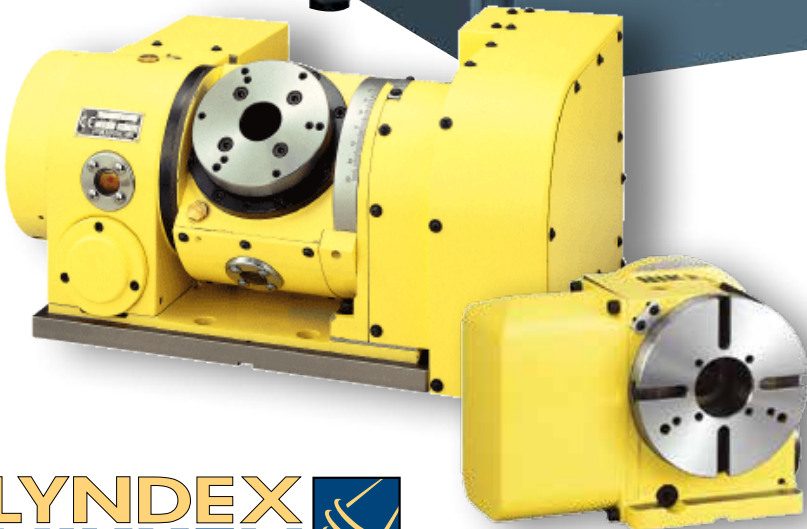


NIKKEN ROTARY TABLES FOR BROTHER CNC TAPPING CENTERS

brother®



LYNDEX
NIKKEN

TAPER PLUS TOOL HOLDERS INSIDE!

Our Mission: Advanced Technology and Leading Innovation

At Lyndex-Nikken, we have made it our mission to provide the two things our customers need most: advanced technology and the innovation to keep it moving forward.

With a history rich in innovation and a focus on the technology of the future, Lyndex-Nikken has become the leader in manufacturing innovation. Our industry-leading design and capabilities give us the power to create ground-breaking tools and machine tool accessories that will perform with amazing precision and reliability.

All of our products are made in Japan, ensuring an extremely high level of quality and long-term reliability. We are continually striving to improve our technology through constant innovation to enhance the respect and reliability that our products have thus far earned within their respective industries.

Not only are we committed to providing the highest quality of equipment, but also the highest quality of service and customer care. Our team of highly experienced technicians and product specialists offers unmatched customer service and engineering support to our customers worldwide.

As an international company with offices conveniently located throughout Europe, Asia, and North America, Lyndex-Nikken is there to serve you, no matter where you are.



Nikken Rotary Table Features	Pg. 4-5	Tail Stock & Support Tables Accessories	Pg. 18
		Rotary Table CNC & Multi-Spindle Specifications	Pg. 19
		Rotary Table 5-AX Specifications	Pg. 20
		Rotary Table 5-AX & Multi-Spindle Tilting Specs	Pg. 21
		Lyndex-Nikken Service & Repair	Pg. 22-23

BROTHER - TC-32BN **Pg. 6-8**



*CNCZ105LYABR-QT, CNCZ180LYABR-QT,
CNCZ202LYABR-QT, CNCZ260LYABR-QT,
CNCZ100-2W-105-120YABRT-QT,
CNCZ100-4W-105-120YABRQT,
CNCZ180-2W-250YABR-QT, 5AX-130BAYABR-QT,
5AX-2MT-105-120BAYABR-QT*

BROTHER - TC-R2B **Pg. 9-10**



*CNCZ105LSABR-QT, CNCZ180LSABR-QT,
CNCZ202LSABR-QT, CNCZ100-2W-105-120SABR-QT,
5AX-130BASABR-QT*

BROTHER - TC-S2DN **Pg. 11-14**



*CNCZ105LSABR, CNCZ180LSABR, CNCZ202LSABR,
CNCZ260LSABR, CNCZ100-2W-105-120SABR-QT,
5AX-130ASABR, 5AX-201SABR, 5AX-2MT-105-120SABR,
5AX-4MT-105-120-SABR*

BROTHER - TC-22B-0 **Pg. 15-17**



*CNCZ105LYABR, CNCZ180LYABR, CNCZ202LYABR, CNC-
Z260LYABR, CNCZ100-2W-105-120YABR, 5AX-130YABR,
5AX-201YABR, 5AX-2MT-105-120YABRQT*

**NIKKEN TOOLING SYSTEM
AND TAPER PLUS OPTION**

Technical Specifications	Pg. 24
Milling and High Speed Milling Chucks	Pg. 25
KM and CCK Collets	Pg. 26
MMC Collet Chucks	Pg. 27
VC Collet Chucks	Pg. 28
SK Collet Chucks	Pg. 29
SK-P Collet Chucks	Pg. 30
SK Collets	Pg. 31-33
SK Coolant Collet System	Pg. 34
Accessories	Pg. 35

1.



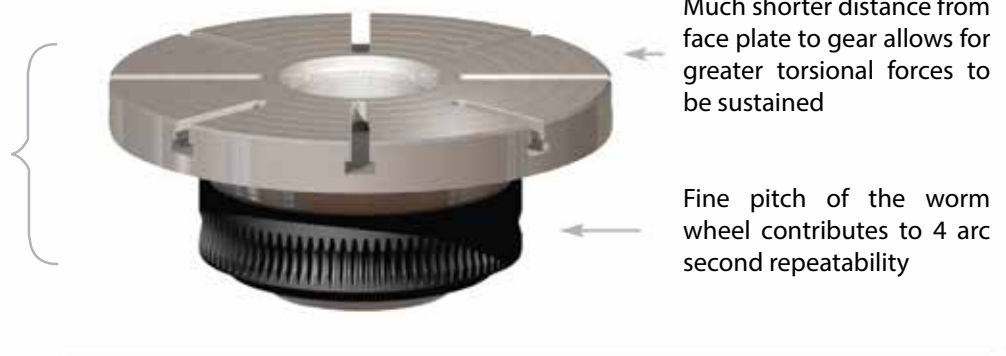
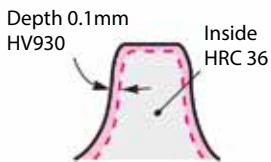
Patented Solid Carbide Worm Screw and Heat Treated Steel Worm Wheel

- Hand matched and paired to maintain maximum thread engagement
- Four point bearing support system and eccentric housing structure
- Minimal wear compared to traditional bronze wheel configuration

2.

LYNDEX-NIKKEN

Nikken's unique design shrink fits the worm wheel onto the solid faceplate and quill body. This along with the hand pairing of the carbide worm screw eliminates backlash.



Much shorter distance from face plate to gear allows for greater torsional forces to be sustained

Fine pitch of the worm wheel contributes to 4 arc second repeatability

The material used for the Nikken worm wheel is custom made steel, specially hardened and ion nitrided on the teeth. As a consequence, frictions between the gears are eliminated.

OTHER BRANDS

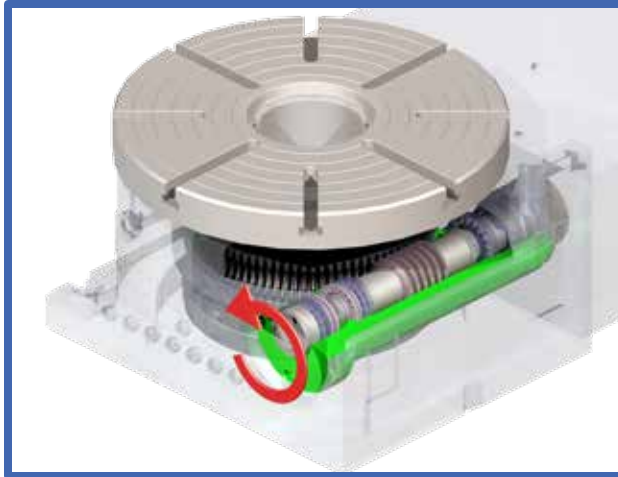
Bolt-on bronze wheel to a two pieces faceplate and quill design. Configuration relies on the malleability of the worm wheel to deform around the shape of the worm screw to eliminate backlash.



Bolt-on faceplate to quill base

Soft worm wheels wear much quicker, resulting in indexing inaccuracies and unnecessary maintenance

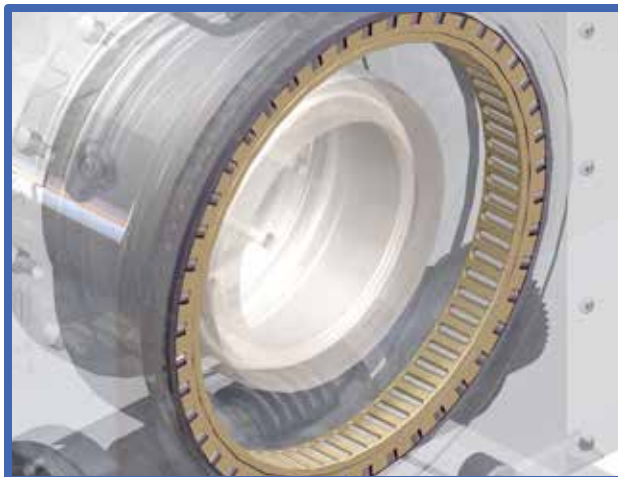
3.



Unique Faceplate and Worm Wheel Assembly

- Unique shrunk fit worm wheel design onto solid faceplate and quill body for high precision concentricity
- Shorter distance from faceplate to gear allows for greater torsional forces to be sustained
- Fine pitch contributes to 4 arc second repeatability

4.

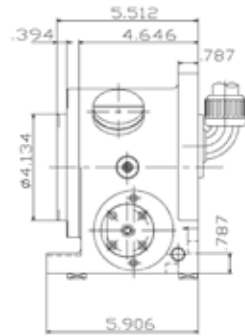
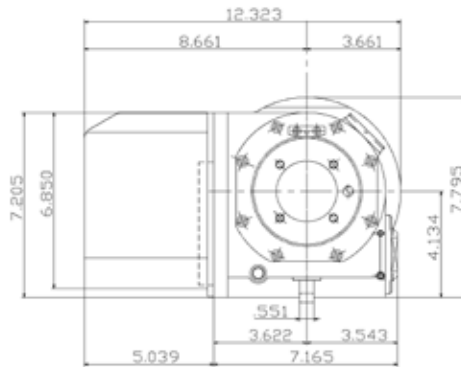


Independent Tubular Thrust and Radial Bearings

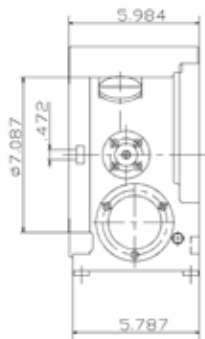
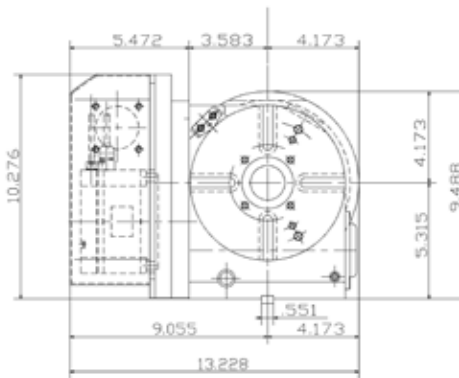
- Custom paired and matched for every rotary table
- Provide vibration dampening and internal gear protection
- Extreme rigidity and concentric accuracy from needle roller bearings

GENERAL MACHINE SPECIFICATIONS

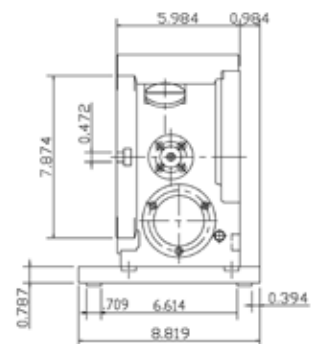
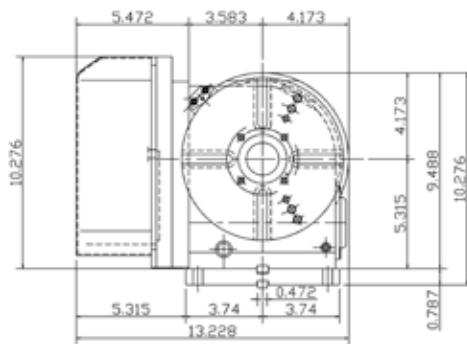
TRAVEL X-AXIS	21.7 in. (550 mm)
TRAVEL Y-AXIS	15.7 in. (400 mm)
TRAVEL Z-AXIS	16.3 in. (415 mm)
TABLE TO SPINDLE NOSE	25.4 in. (645 mm)
INDEXING TABLE SIZE	(2) 23.6 x 16.7 in. (600 x 425 mm)
MAX. LOAD CAPACITY	(2) 441 lbs. (200 kg)
FEED RATE - RAPID X/Y/Z	2,756 / 2,756 / 2,756 ipm
ATC TIME (TOOL TO TOOL)	0.9 sec. (BT)



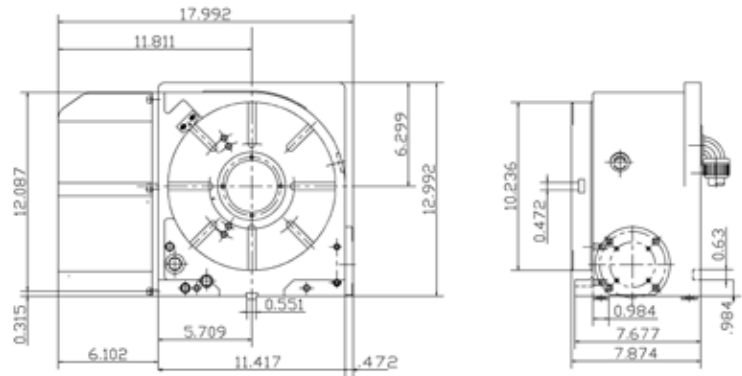
CNCZ105LYABR-QT



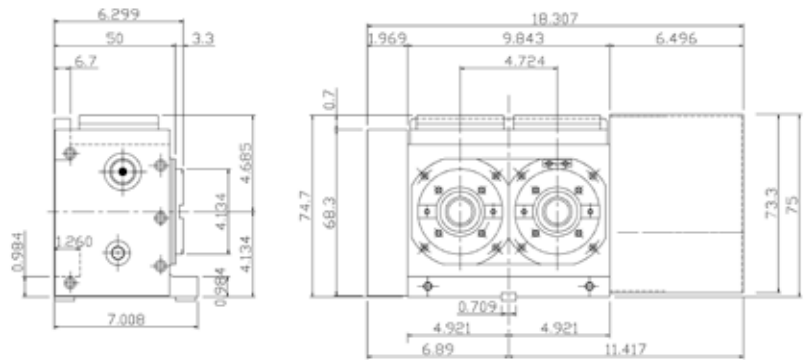
CNCZ180LYABR-QT



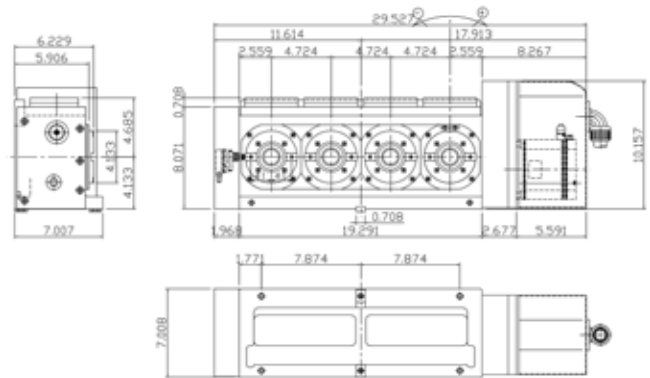
CNCZ202LYABR-QT



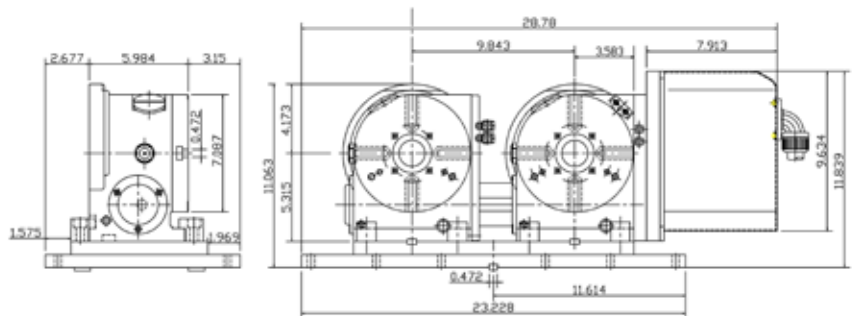
CNCZ260LYABR-QT



CNCZ100-2W-105-120YABRT-QT



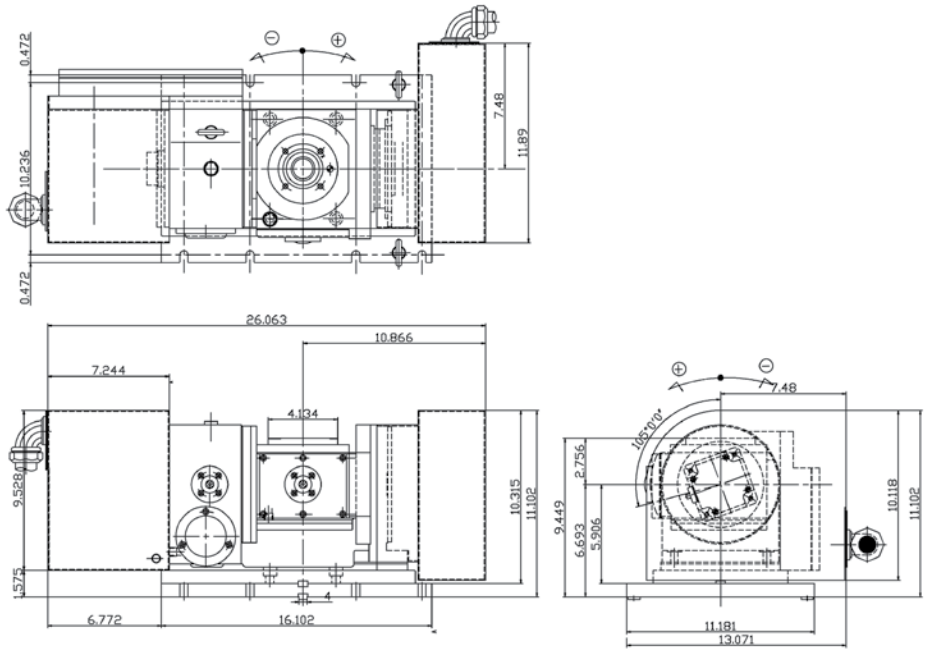
CNCZ100-4W-105-120YABR-QT



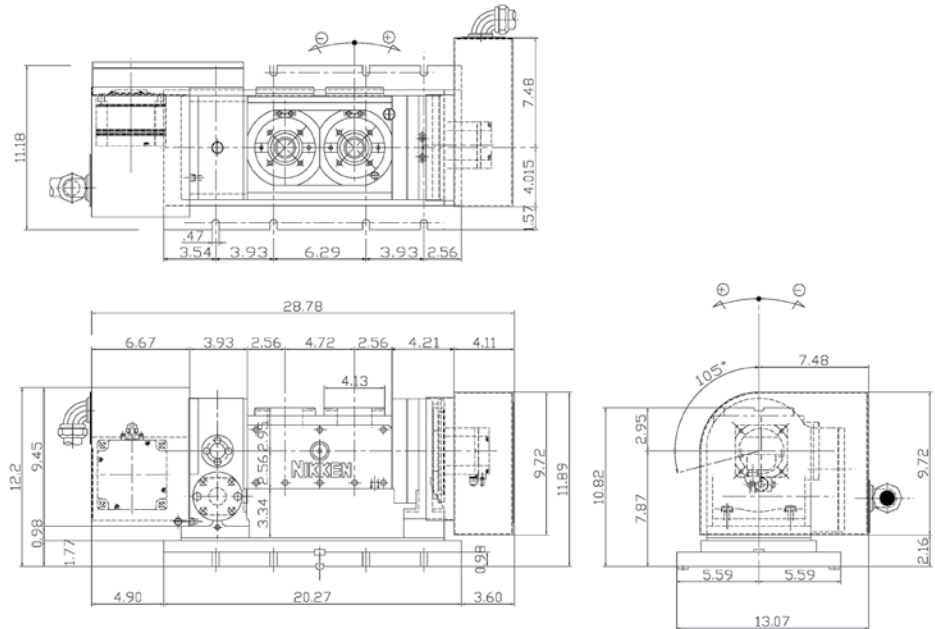
CNCZ180-2W-250YABR-QT



5AX-130BAYABR-QT



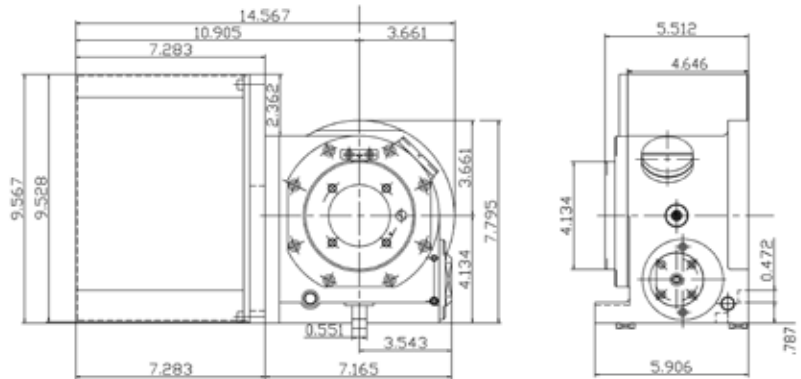
5AX-2MT-105-120BAYABR-QT



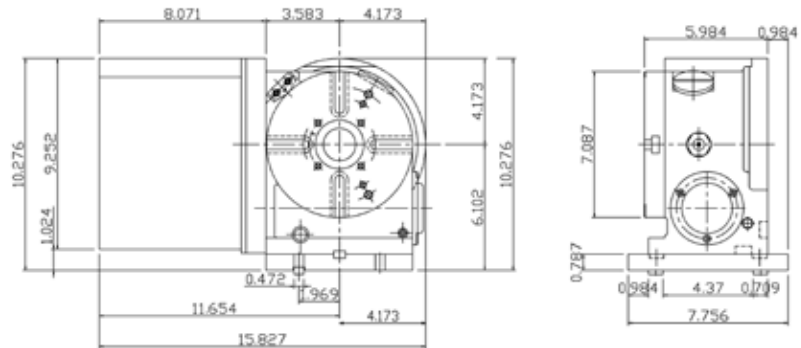


TRAVEL X-AXIS	16.5 in. (420 mm)
TRAVEL Y-AXIS	12.6 in. (320 mm)
TRAVEL Z-AXIS	12.0 in. (305 mm)
TABLE TO SPINDLE NOSE	7.9 ~ 19.9 in. (200 ~ 505 mm)
INDEXING TABLE SIZE	(2) 23.6 x 11.8 in. (600 x 300 mm)
MAX. LOAD CAPACITY	(2) 265 lbs. (120 kg)
FEED RATE - RAPID X/Y/Z	1,969 / 1,969 / 1,969 ipm
ATC TIME (TOOL TO TOOL)	0.9 sec.

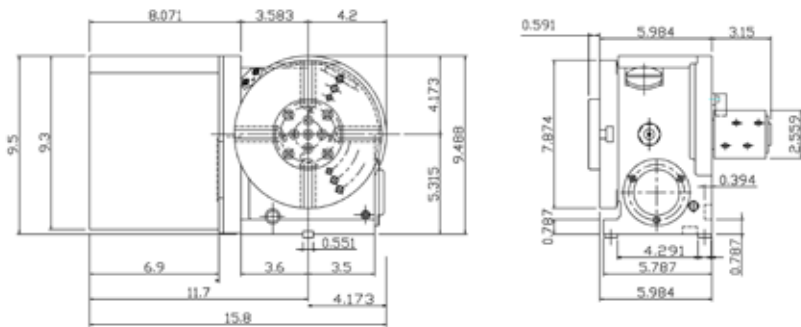
GENERAL MACHINE SPECIFICATIONS



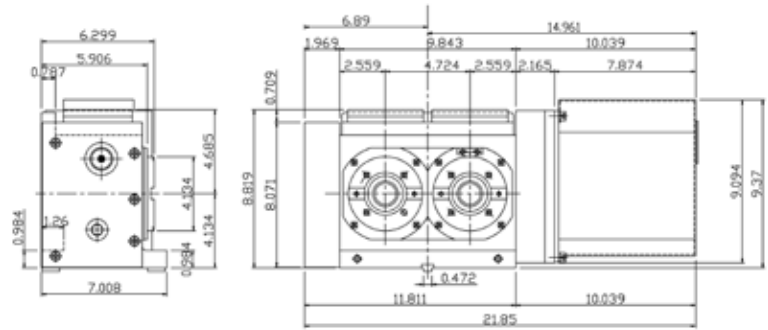
CNCZ105LSABR-QT



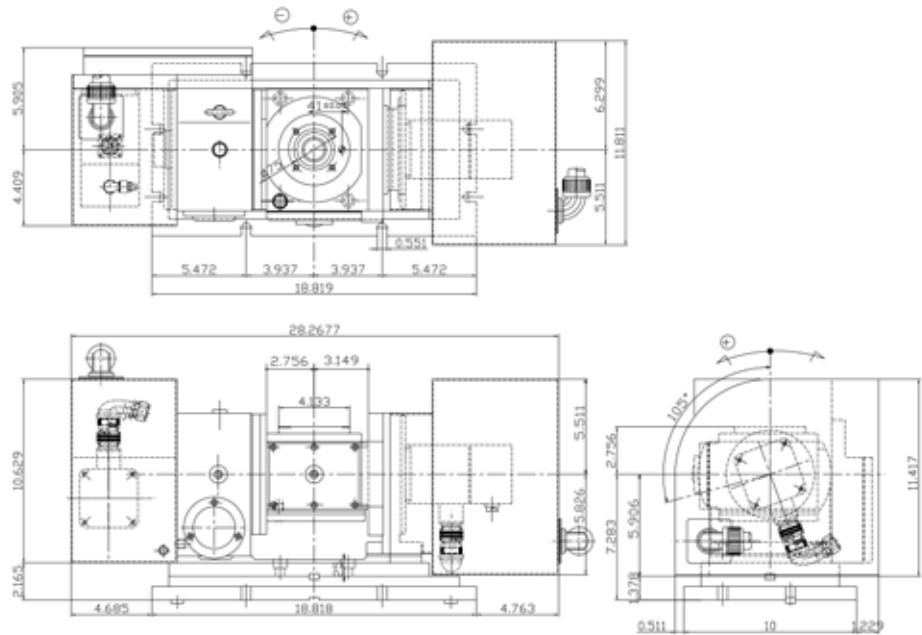
CNCZ180LSABR-QT



CNCZ202LSABR-QT



CNCZ100-2W-105-120SABR-QT

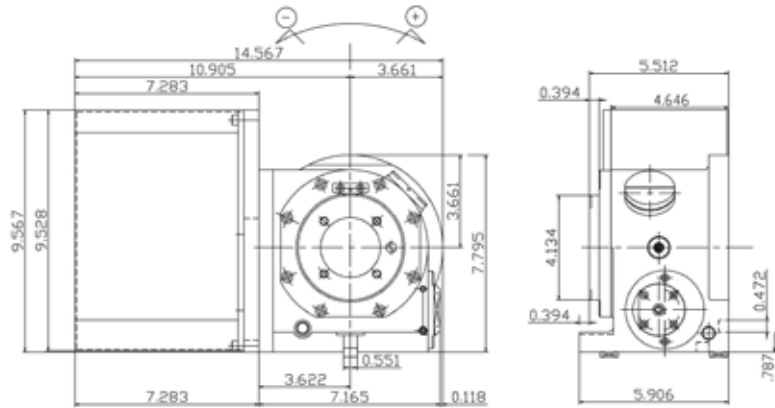


5AX-130BASABR-QT

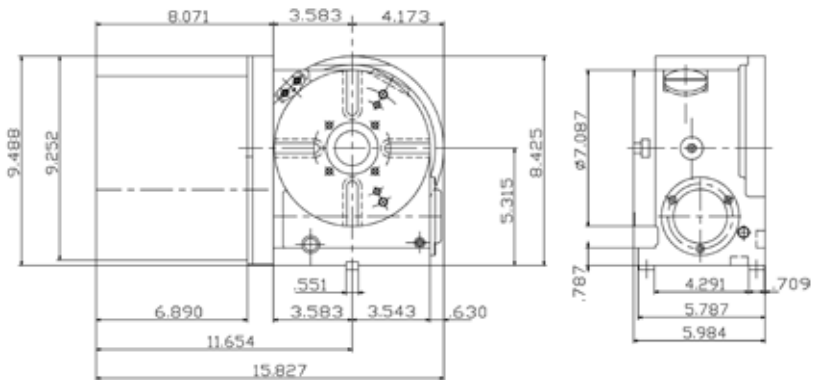


TRAVEL X-AXIS	19.7 in. (500 mm)
TRAVEL Y-AXIS	15.7 in. (400 mm)
TRAVEL Z-AXIS	11.8 in. (300 mm)
TABLE TO SPINDLE NOSE	7.1 ~ 18.9 in. (180 ~ 480 mm)
INDEXING TABLE SIZE	23.6 x 15.7 in. (600 ~ 400 mm)
MAX. LOAD CAPACITY	551 lbs. (250 kg)
FEED RATE - RAPID X/Y/Z	1,969 / 1,969 / 1,969 ipm
ATC TIME (TOOL TO TOOL)	0.9 sec.

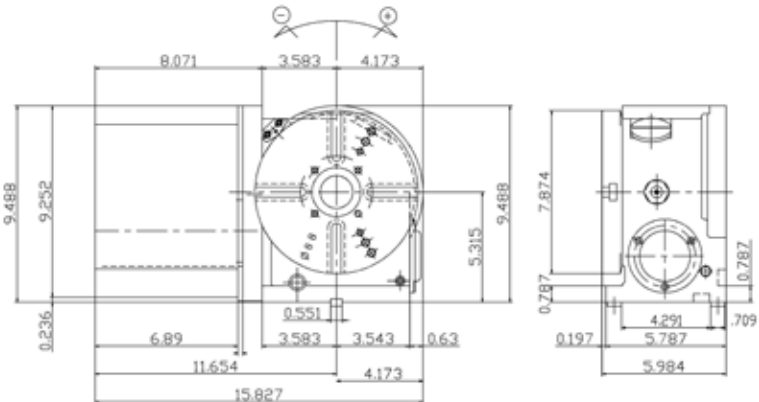
GENERAL MACHINE SPECIFICATIONS



CNCZ105LSABR



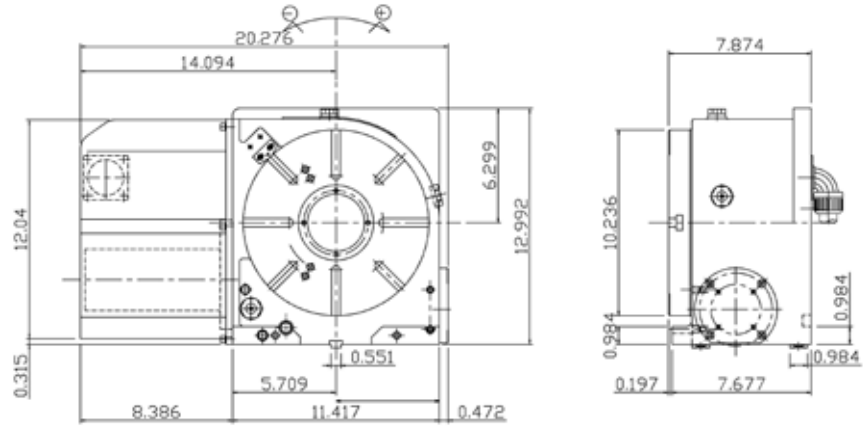
CNCZ180LSABR



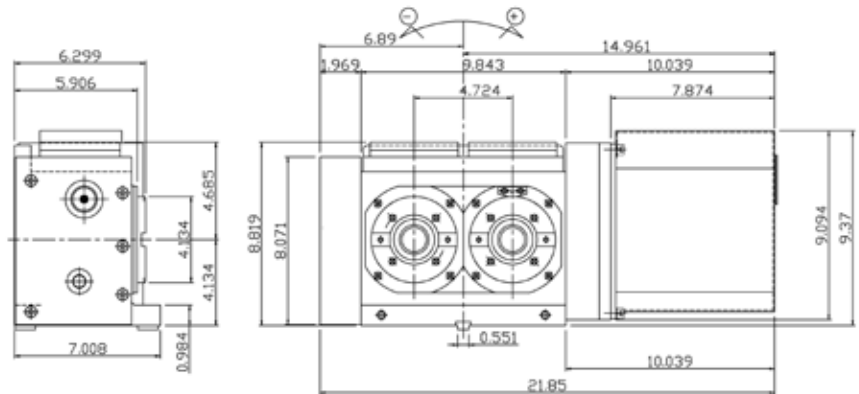
CNCZ202LSABR



CNC260LSABR

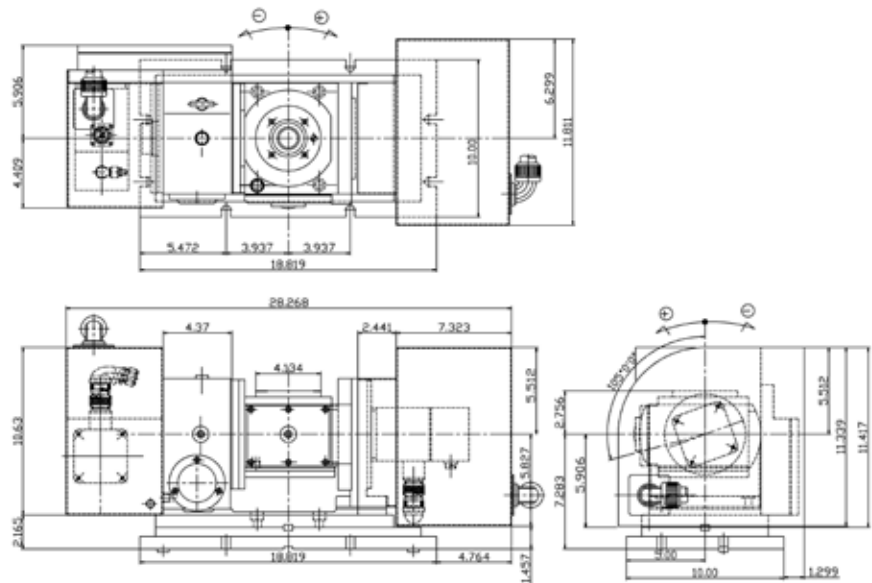


CNCZ100-2W-105-120SABR-QT

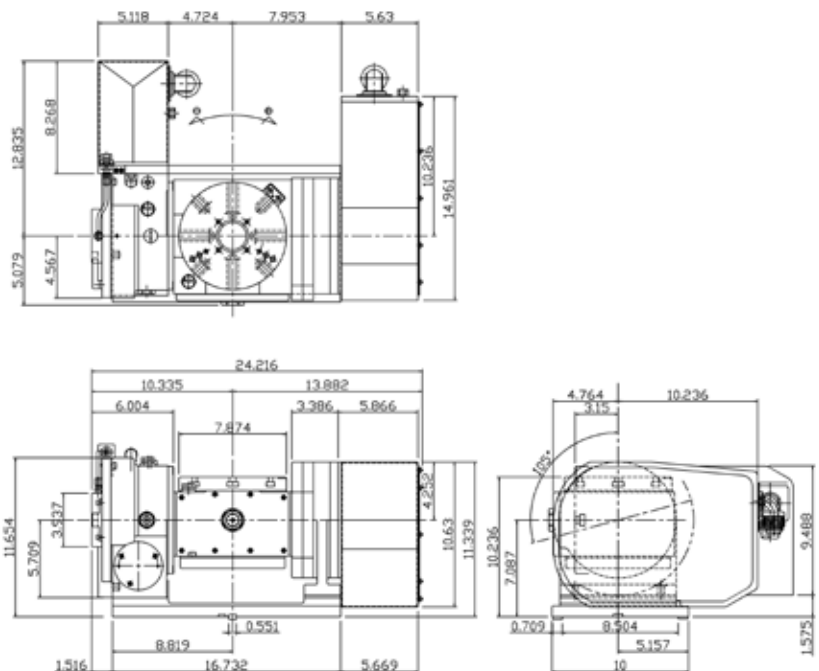




5AX-130ASABR

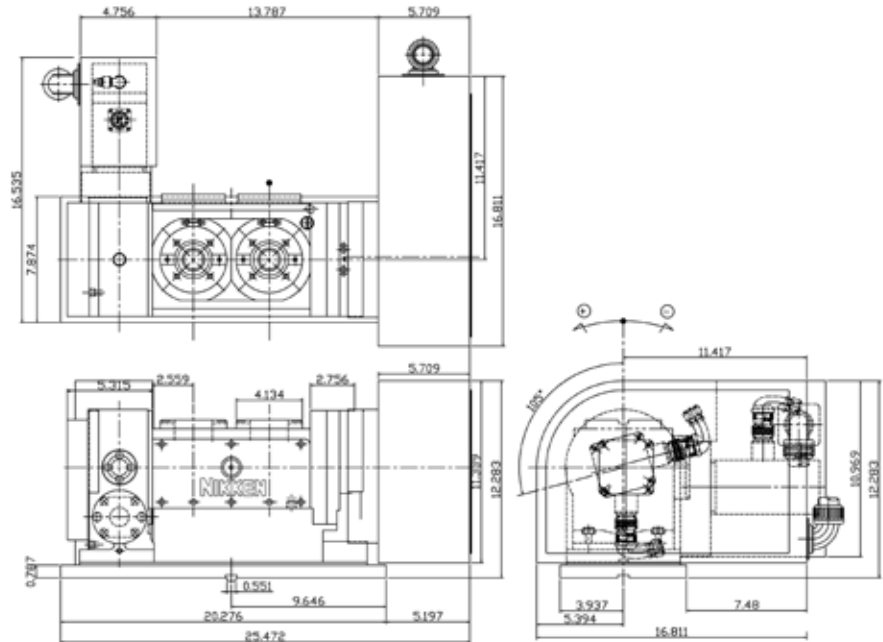


5AX-201SABR

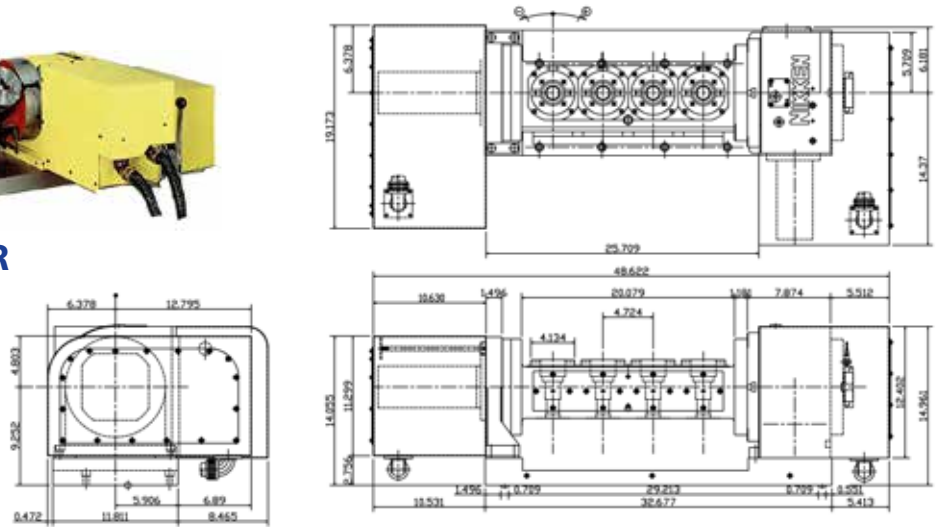




5AX-2MT-105-120SABR



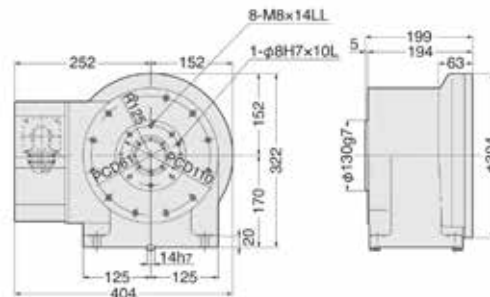
5AX-4MT-105-120-SABR



High Speed DD MOTOR TABLE with Absolute Encoder



DD250LS-50

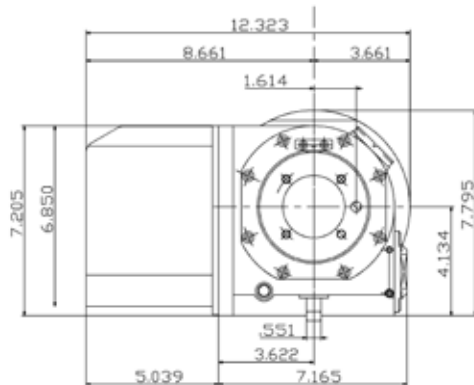


ITEM NO.		DD250LS-50
Diameter of Table	ømm	250
Diameter of Spindle Hole	ømm	ø130
Center Height	mm	170
Clamping System		Air (0.5MPa)
Clamping Torque	N-m	500
Motor (SANYO)		DB23A053021W00
Rotation Speed	min ⁻¹	200
Indexing Accuracy	sec	15
Net Weight	kg	75
MAX. Torque	N-m	200

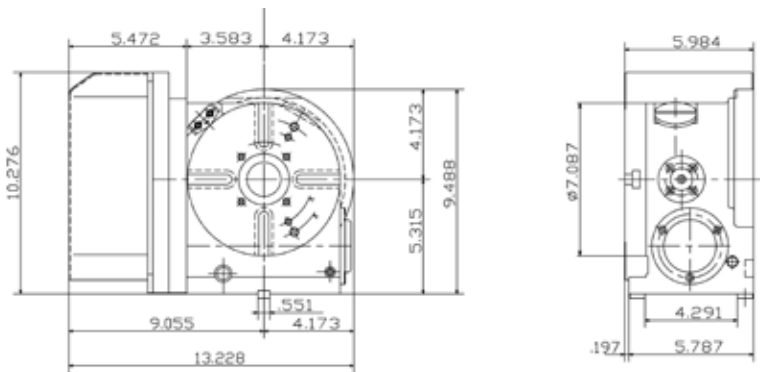


TRAVEL X-AXIS	27.6 in. (700 mm)
TRAVEL Y-AXIS	17.7 in. (450 mm)
TRAVEL Z-AXIS	16.1 in. (410 mm)
TABLE TO SPINDLE NOSE	9.1 ~ 25.2 in. (230 ~ 640 mm)
INDEXING TABLE SIZE	31.5 x 17.7 in. (850 ~ 450 mm)
MAX. LOAD CAPACITY	661 lbs. (300 kg)
FEED RATE - RAPID X/Y/Z	2,756 / 2,756 / 2,756 ipm
ATC TIME (TOOL TO TOOL)	0.9 sec.

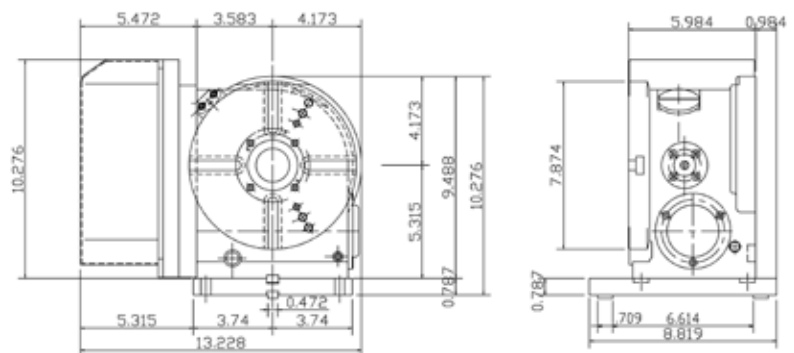
GENERAL MACHINE SPECIFICATIONS



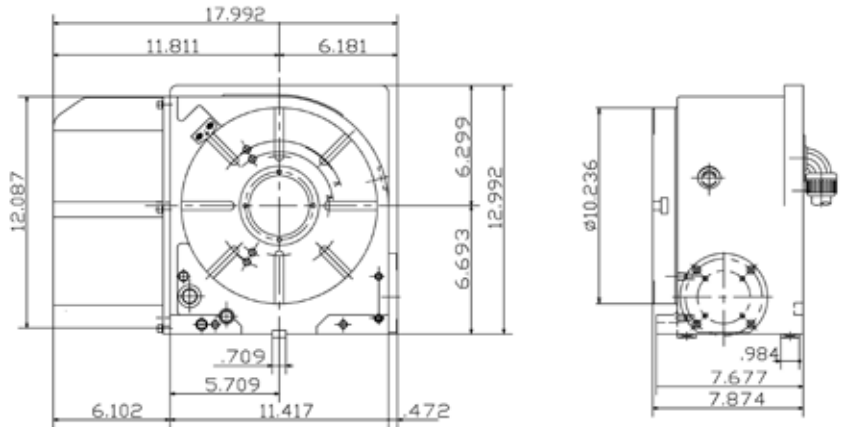
CNCZ105LYABR



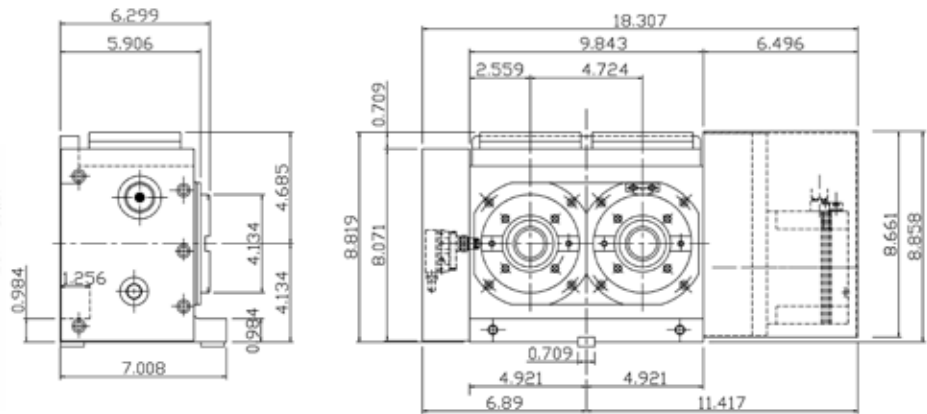
CNCZ180LYABR



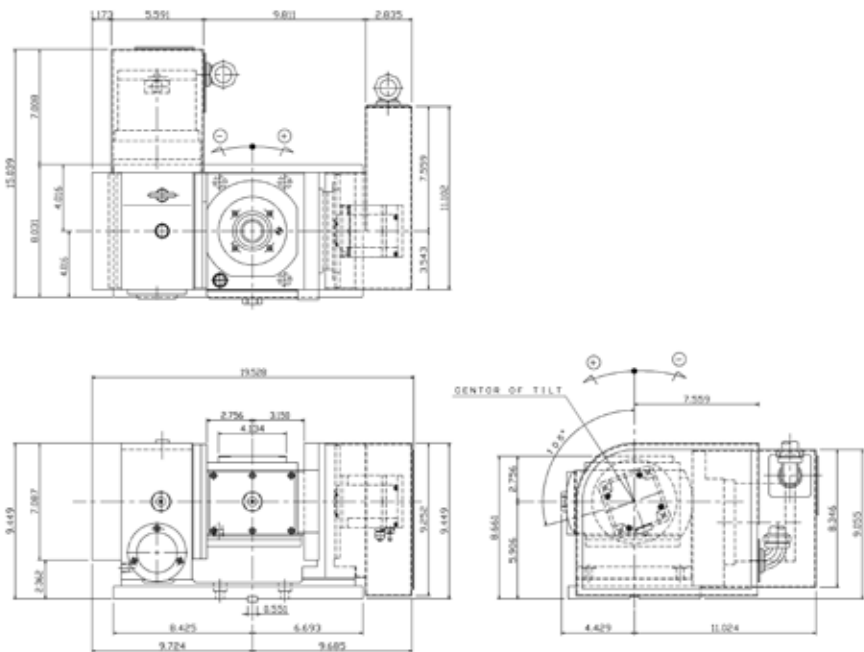
CNCZ202LYABR



CNCZ260LYABR



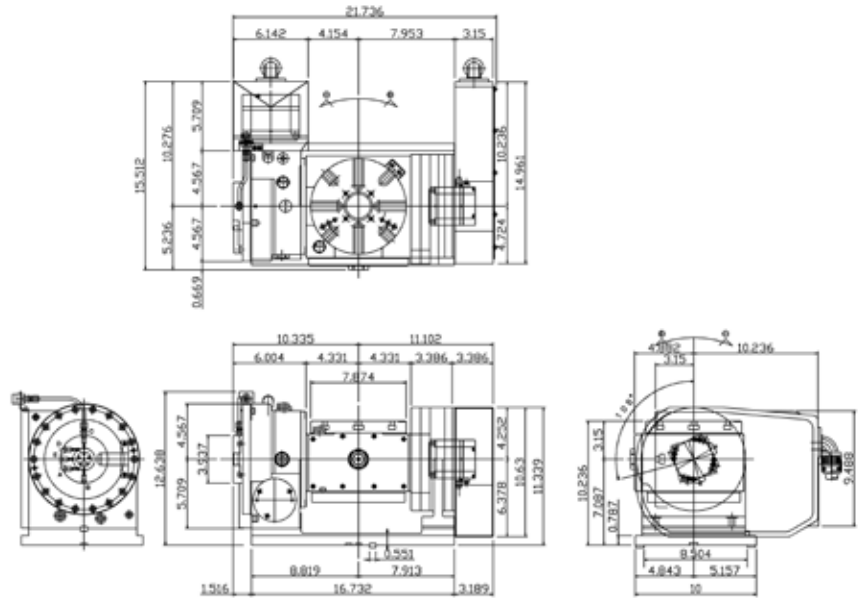
CNCZ100-2W-105-120YABR



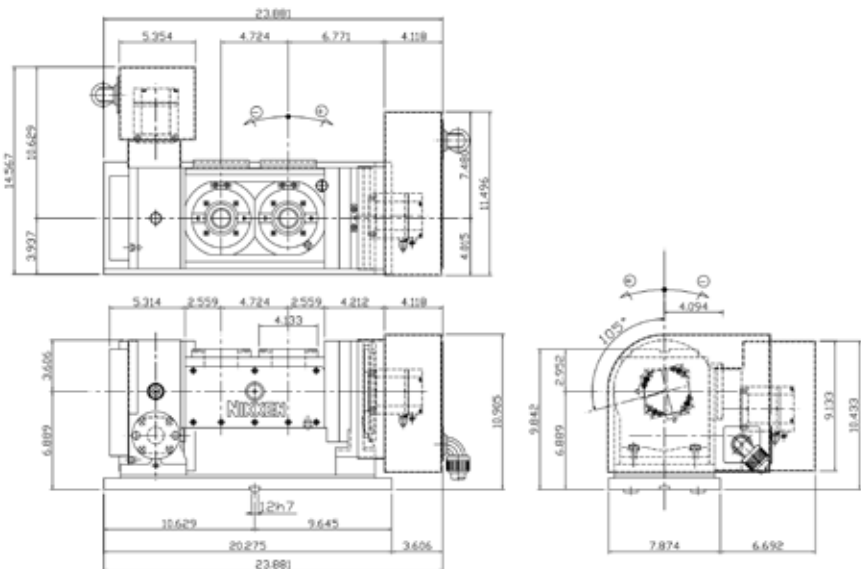
5AX-130YABR



5AX-201YABR



5AX-2MT-105-120YABRQT

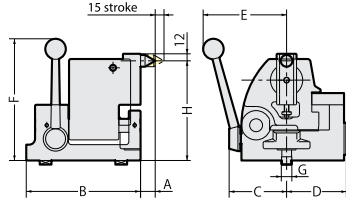




List of Tailstock and Support Table

Table Model	Centre Height	Tailstock			
		Manual Stroke: 15mm	Air/Hyd. Tailstock Stroke: 60mm	Hyd. Tailstock Stroke: 100mm	Support Table Built-in Brake (Hyd.)
CNC105	105	P-105S	PBA-105		TAT105
CNC180, 202	135	P-125S	PBA-135		TAT170
CNC180B, 202B	180	P-170S	PBA-180	H-170S	
NST250	155	P-150S		H-150S	
CNC260, 302	170	P-170S	PBA-170	H-170S	TAT250
CNC321, 401	230	P-230S		H-230S	TAT320,400
CNC501, 601	310	P-310S			TAT500,600
NST300	208	P-210S		H-210S	
NST450, 500	288	P-280S			
5AX-130	150	P-150S	PBA-150	H-150S	
5AX-201, 200(II)	180	P-170S	PBA-180	H-170S	
5AX-230	240	P-230S		H-230S	
5AX-350	300	P-310S			
CNC100-2, 3, 4W	105		PBA-105-2,3,4W		
NSV2180	135	P-125S	PBA-135		
NSV2300	170	P-170S	PBA-170	H-170S	TAT250
NSVX400	240	P-230S		H-230S	TAT400

Dimension of Manual Tailstock

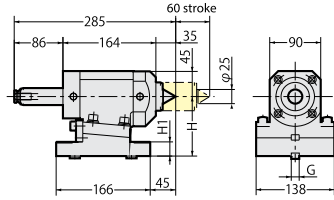


The centre height can be adjusted. Please refer Centre Height H on the table.

Code No.	Centre Height H	A	B	C	D	E	F	G	Weight (Kg)
P-105S	102-110	27	150	76	74	120	195	14	10
P-125S	125-135	27	150	76	74	120	210	14	11.5
P-150S	145-160	25	195	98	102	145	210	18	22
P-170S	160-180	25	195	98	102	145	210	18	22.5
P-210S	200-220	25	195	98	102	145	250	18	26.5
P-230S	220-240	25	195	98	102	145	250	18	27
P-280S	280-300	15	235	103	124	145	330	20	41
P-310S	300-310	15	235	103	124	145	330	20	41.5

* Left handed tailstocks are available in all sizes.
* For P-150S or larger size tailstocks, 5 pcs of changeable centres are included.

Air/Hyd. both usable Small Size Tailstock

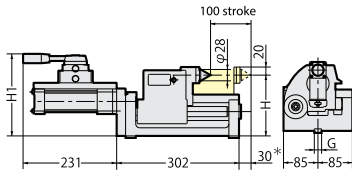


The centre height can be adjusted within 0.35mm.

Code No.	Centre Height H	H ₁	G	Thrust (N)		Weight (Kg)
				Air 0.5MPa	Hyd. 2MPa	
PBA-105	105	25	14	1176	4733	15
PBA-135	135	55	14	1176	4733	20
PBA-150	150	70	18	1176	4733	22
PBA-170	170	90	18	1176	4733	24.5
PBA-175	175	95	18	1176	4733	25
PBA-180	180	100	18	1176	4733	25.5

* Rotary centre is built-in.
* MT (Morse Taper) type quill is also available. Please contact us.
* Different stroke lengths are available. Please contact us.

Hydraulic Tailstock



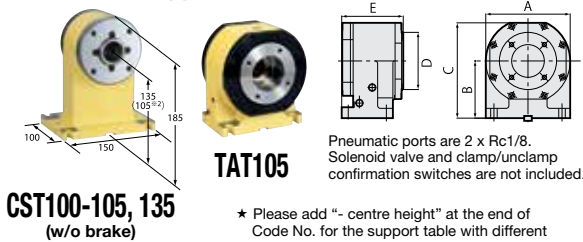
The centre height can be adjusted. Please refer Centre Height H on the table.

Code No.	Centre Height H	H ₁	G	Thrust (N)		Weight (Kg)
				Hyd. 3.5MPa		
H-150S	145-160	191	18	5370	28	
H-170S	160-180	211	18	5370	35	
H-210S	200-220	251	18	5370	41	
H-230S	220-240	271	18	5370	45	

* Rotary centre is built-in.
* MAX. work piece diameter must be smaller than $\phi 130$ mm, when the stroke of changing the work piece is more than 30mm marked *.

• For details of CNC rotary table for tailstock, please contact with us for more details.
• In case of air/hyd. tailstock, the hydraulic unit, connecting cables and air/hyd. hoses are supplied as an option.

Small Size Support Table TAT (JAPAN. PAT)



Code No.	A	B	C	D	E	Clamping System	Brake Torque	Weight
TAT105	155	105	175	105	113	Air	205	16
TAT170	155	135	220	170	138	Air	205	25

* Air pressure is 0.5MPa. (N * m) (Kg)
* Double intensifying clamping mechanism is installed on TAT105 & TAT170.
* Rotary joint is available for all models

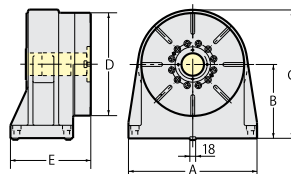
Support Table TAT



Code No.	A	B	C	D	E	Clamping System	Brake Torque	Weight
TAT200	250	150	250	200	145	Air/Hyd.	112 / 784	43
TAT250	250	170	295	250	145	Air/Hyd.	112 / 784	50
TAT320	400	230	390	320	250	Hyd.	1470	120
TAT400	400	230	430	400	250	Hyd.	1470	140
TAT500	480	310	560	500	250	Hyd.	1470	200

* Air pressure is 0.5MPa.
* Hydraulic pressure is 3.5MPa.
* Rotary joint is available for all models.
* Air-hydraulic booster is available, when the support table with hydraulic clamping system is used on the M/C without hydraulic source.

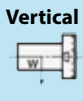






* Please add "- centre height" at the end of Code No. for the support table with different centre height (B). e.g. TAT320-240 (For CNC321T)











Hydraulic ports are 2 x Rc3/8 and pneumatic ports are 2 x Rc1/4. Solenoid valve and clamp/unclamp confirmation switches are not included.

Rotary Table CNC & Multi-Spindle Specifications











ITEM NO.		CNC105	CNC180	CNC202	CNC260	CNC(Z)100-2W,-4W		CNC(Z)180-2W
Diameter of Table	ømm	105	180	200	260	105		180
Diameter of Spindle Hole	ømm	ø60 _{H7} ø30	ø60 _{H7} ø40	ø60 _{H7} ø40	ø80 _{H7}	ø60 _{H7} ø30		ø60 _{H7} ø40
Number of Spindles (Pitch)	mm	N/A	N/A	N/A	N/A	2,4x120		2x250
Center Height	mm	105	135	135	170	105		175
Width of T Slot	mm	ø10 _{H7} Pin hole	12 ^{+0.018} ₀	12 ^{+0.018} ₀	12 ^{+0.018} ₀	16 ^{+0.018} ₀		12 ^{+0.018} ₀
Clamping System		Air	Air	Air	Air/Hyd.	Air		Air
Clamping Torque	N-m	205	303	303	588/1568	147		303
Table Inertia at Motor Shaft (GD ² /4) kg·m ² ×10 ⁻³		0.06	0.08	0.09	0.33	0.13	0.20	0.12
Servo Motor	min ⁻¹	αiF1 / 5000-2000	αiF2 / 5000-2000	αiF4 / 4000-2000	αiF4 / 4000-2000	αiF2 / 5000-2000	αiF4 / 4000-2000	αiF4 / 4000-2000
MIN. Increment		0.001°	0.001°	0.001°	0.001°	0.001°		0.001°
Rotation Speed	min ⁻¹	22.2	22.2	22.2	16.6	11.1 (44.4)		22.2
Total Reduction Ratio		1/90	1/90	1/90	1/120	1/180 (1/45)		1/90
Indexing Accuracy	sec	±30	±20	±20	20	±30	±45	±20
Net Weight	kg	32	45	55	115	70	120	115
MAX. Work Load on the Table	Vertical  kg	30	100	100	175	15		100
	Horizontal  kg	60	200	200	350	30		200
MAX. Thrust Load applicable on the Table	 N	8800	10780	10780	25480	3920		10780
	 F×L N-m	65	415	415	984	49		415
	 F×L N-m	220	980	980	3332	98		980
MAX. Work Inertia	Vertical  (GD ² /4) kg·m ²	0.04	0.4	1.0	3.2	0.019 (0.07 Horizontal)		0.5
Driving Torque	 N-m	36	72	144	192	72		72

ITEM NO.		5AX-130	5AX-201
Diameter of Table	ømm	ø105 (with a ø130 sub table)	200
Diameter of Spindle Hole	ømm	ø60 _{H7} ø30	ø60 _{H7} ø50
Center Height (90°)	mm	150	180
Table Height in Horizontal Position (0°)	mm	235	260
Width of T Slot	mm	ø10 _{H7} Pin hole	12 ^{+0.018} ₀
Axis		Rotary	Tilting (0°~105°)
Clamping System		Air	Air
Clamping Torque	N·m	205	303
Table Inertia at Motor Shaft (GD ² /4)	kg·m ² ×10 ⁻³	0.09	0.12
Servo Motor	min ⁻¹	αiS2 / 5000-2000	αiF2 / 5000-2000
MIN. Increment		0.001°	0.001°
Rotation Speed	min ⁻¹	22.2	11.1
Total Reduction Ratio		1/90	1/180
Indexing Accuracy	sec	±30	60
Net Weight	kg	115	160
MAX. Work Load on the Table	0° to 30°  kg	50	60
	30° to 90°  kg	25	40
MAX. Thrust Load applicable on the Table	Tilting Angle = 0°  N	5880	9800
	Tilting Angle = 0°  L = 65mm F = 2940N	L = 65mm F = 2940N	L = 100mm F = 4900N
	Tilting Angle = 90°  L ₁ = 0mm F ₁ = 3460N L ₂ = 100mm F ₂ = 1590N	L ₁ = 0mm F ₁ = 3460N L ₂ = 100mm F ₂ = 1590N	L ₁ = 0mm F ₁ = 5880N L ₂ = 100mm F ₂ = 2940N
	Tilting Angle = 90°  F×L N·m	98	382
MAX. Work Inertia	Vertical  (GD ² /4) kg·m ²	0.12	0.5
Driving Torque	 N·m	72	72

Rotary Table 5-AX & Multi-Spindle Tilting Specifications



ITEM NO.		5AX-2MT-105	5AX-4MT-105		
Diameter of Table	ømm	105	105		
Diameter of Spindle Hole	ømm	ø60 _{H7} ø30	ø60 _{H7} ø30		
Number of Spindles (Pitch)	mm	120	120		
Center Height (90°)	mm	175	235		
Table Height in Horizontal Position (0°)	mm	250	300		
Width of T Slot	mm	16 ^{+0.018} ₀	16 ^{+0.018} ₀		
Axis		Rotary	Tilting (0°~105°)	Rotary	Tilting (-110°~+110°)
Clamping System		Air	Air	Hyd.	Hyd.
Clamping Torque	N·m	147	147	147	343
Table Inertia at Motor Shaft	(GD ² /4) kg·m ² ×10 ⁻³	0.13	0.13	0.2	0.48
Servo Motor	min ⁻¹	∝iF2 / 5000-2000	∝iF2 / 5000-2000	∝iF8 / 3000-2000	∝iF4 / 4000-2000
MIN. Increment		0.001°	0.001°	0.001°	0.001°
Rotation Speed	min ⁻¹	22.2	11.1	11.1 (44.4)	16.6
Total Reduction Ratio		1/90	1/180	1/180 (1/45)	1/120
Indexing Accuracy	sec	±30	60	±45	±30
Net Weight	kg	150	350		
MAX. Work Load on the Table	0° to 30°  kg	15	25		
	30° to 90°  kg	10	15		
MAX. Thrust Load applicable on the Table	Tilting Angle = 0°  N	3920	3920		
	Tilting Angle = 0°  L = 60mm F ₁ = 784N	L = 60mm F ₁ = 784N	L = 60mm F = 2858N		
	Tilting Angle = 90°  L ₁ = 0mm F ₁ = 653N L ₂ = 100mm F ₂ = 490N	L ₁ = 0mm F ₁ = 653N L ₂ = 100mm F ₂ = 490N	L ₁ = 0mm F ₁ = 1380N L ₂ = 100mm F ₂ = 1040N		
	Tilting Angle = 90°  F×L N·m	49	49		
MAX. Work Inertia	Vertical  (GD ² /4) kg·m ²	0.014	0.021		
Driving Torque	 N·m	36	144		

A team of experts dedicated to provide 100% customer satisfaction

Lyndex-Nikken is dedicated to providing not only the highest quality products, but also the highest quality of service and customer care. Our fully equipped service department has over 30 years experience enabling complete and timely support for all Lyndex-Nikken products including: CNC rotary tables, CNC machining center tooling, Live and Static tools.

Lyndex-Nikken implements training certification programs in order to standardize a thorough understanding of our products. Our certified service engineers provide high quality service, technical support and training, and look forward to satisfying your industrial needs.

Before purchasing a rotary table, it's important to go through preliminary steps which will insure that you choose the right table to fit your machine and meet your manufacturing expectations.

Lyndex-Nikken regional managers will guide you through these different steps and assist you with table selection, brake system selection and machine fit, guaranteeing complete customer satisfaction.



The highest quality hardware and components

We only use superior hardware and components to guarantee the best results and trouble-free, long term reliability for our products.

- Genuine Brother parts
- Cut and wear resistant Waterproof Cabling
- Cable management

Installation Kit

Our installation kit includes the following:

- Drive Installation
- Parameter Changes
- Communication Cables
- Fiber Optic Cables
- Bulkhead Cable Set
- Documentation
- Sheet Metal (where required)

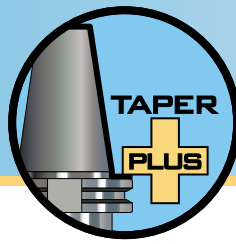


Lyndex-Nikken In-house Services:

- Fault diagnosis and repair work
- Motor fitment and CNC M/C preparation
- Cable manufacture and guard modifications
- Brake boosters upgrades
- Rotary Table retrofit service for installation on different machining centers
- Tool repair and calibrations
- Complete rotary table refurbishment
- Customer training and support

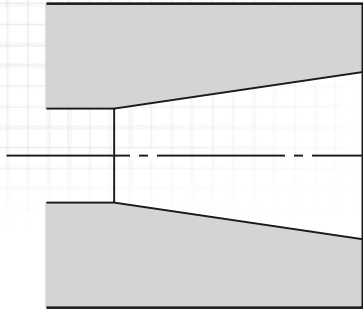
Our comprehensive technical and repair services is here to protect your investment. Please contact us to arrange a visit or discuss any requirements in more detail.



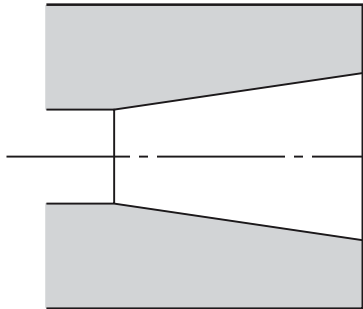


Taper Plus Technical Specifications

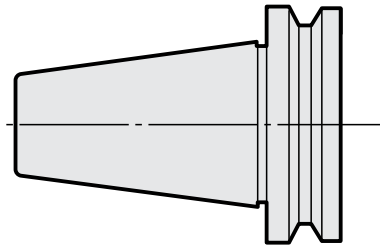
Standard 7/24 taper spindle



Dual Face Contact 7/24 taper spindle



Taper Plus Toolholder



Taper Plus Toolholders are interchangeable between Standard and Dual Face Contact spindles for greater flexibility!

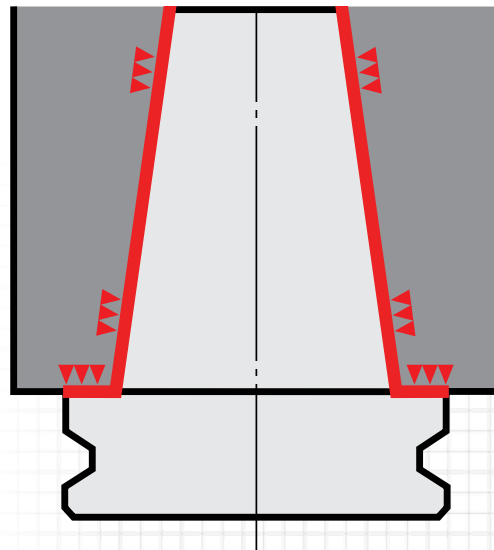
Run-Out Accuracy

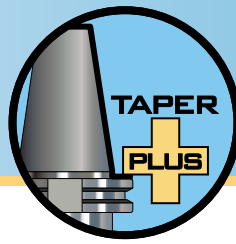


CAT/BT Dual Face Contact Spindle

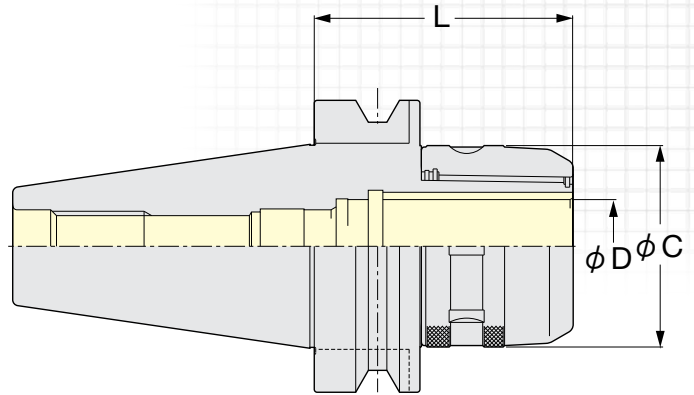


Taper Plus Toolholder






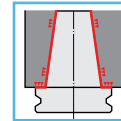
Milling Chucks



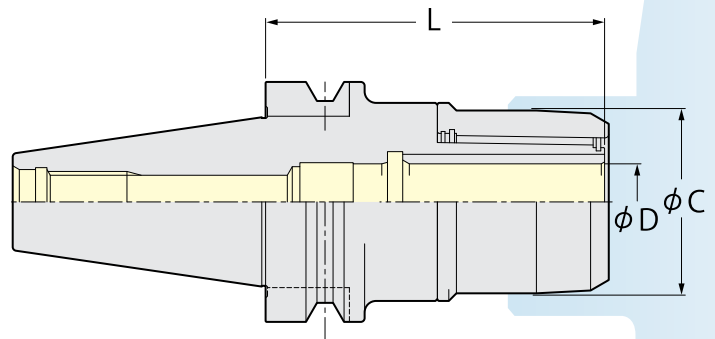
Part Number	Collet Series	Wrench	Clamping Range	D	L	C
BT30-C3/4-75	KM3/4 or CCK3/4	9HC22	0.125 - 0.750"	0.75"	2.953"	2.047"
BT30-C1-80	KM1 or CCK1	9HC25	0.125 - 1.0"	1.0"	3.15"	2.165"

KM and CCK Reduction
Collets available on
page 26.

 For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-C3/4-75 becomes NBT30-C3/4-75.



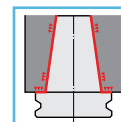
High Speed Milling Chucks

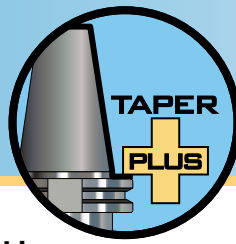


Part Number	Collet Series	Wrench	Clamping Range	D	L	C
BT30-C3/4-75G	KM3/4 or CCK3/4	GH20	0.125 - 0.750"	0.75"	2.953"	1.89"
BT30-C1-80G	KM1 or CCK1	GH25	0.125 - 1.0"	1.0"	3.15"	2.165"

KM and CCK Reduction
Collets available on
page 26.

 For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-C3/4-75G becomes NBT30-C3/4-75G.





KM 3/4 Collet-Inch and Metric

Size	Collet Number
1/8"	KM3/4-1/8
3/16"	KM3/4-3/16
1/4"	KM3/4-1/4
5/16"	KM3/4-5/16
3/8"	KM3/4-3/8
7/16"	KM3/4-7/16
1/2"	KM3/4-1/2
9/16"	KM3/4-9/16
5/8"	KM3/4-5/8
6mm	KM3/4-6
7mm	KM3/4-7
8mm	KM3/4-8
10mm	KM3/4-10
12mm	KM3/4-12
14mm	KM3/4-14
16mm	KM3/4-16

CCK 3/4 Collet-Inch and Metric

Size	Collet Number	Coolant Thru Nut	Slotted Nut	Disc Wrench
1/8"	CCK3/4-1/8	CKFN3/4-1/8C	KFN3/4-1/8	CCKL20
3/16"	CCK3/4-3/16	CKFN3/4-3/16C	KFN3/4-3/16	
1/4"	CCK3/4-1/4	CKFN3/4-1/4C	KFN3/4-1/4	
5/16"	CCK3/4-5/16	CKFN3/4-5/16C	KFN3/4-5/16	
3/8"	CCK3/4-3/8	CKFN3/4-3/8C	KFN3/4-3/8	
7/16"	CCK3/4-7/16	CKFN3/4-7/16C	KFN3/4-7/16	
1/2"	CCK3/4-1/2	CKFN3/4-1/2C	KFN3/4-1/2	
9/16"	CCK3/4-9/16	CKFN3/4-9/16C	KFN3/4-9/16	
5/8"	CCK3/4-5/8	CKFN3/4-5/8C	KFN3/4-5/8	
6mm	CCK3/4-6	CKFN3/4-6C	KFN3/4-6	
7mm	CCK3/4-7	CKFN3/4-7C	KFN3/4-7	
8mm	CCK3/4-8	CKFN3/4-8C	KFN3/4-8	
10mm	CCK3/4-10	CKFN3/4-10C	KFN3/4-10	
12mm	CCK3/4-12	CKFN3/4-12C	KFN3/4-12	
14mm	CCK3/4-14	CKFN3/4-14C	KFN3/4-14	
16mm	CCK3/4-16	CKFN3/4-16C	KFN3/4-16	



CCK Collet



CCK Collet Nut

KM 1 Collet-Inch and Metric

Size	Collet Number
1/8"	KM1-1/8
3/16"	KM1-3/16
1/4"	KM1-1/4
5/16"	KM1-5/16
3/8"	KM1-3/8
7/16"	KM1-7/16
1/2"	KM1-1/2
9/16"	KM1-9/16
5/8"	KM1-5/8
3/4"	KM1-3/4
7/8"	KM1-7/8
6mm	KM1-6
7mm	KM1-7
8mm	KM1-8
10mm	KM1-10
12mm	KM1-12
14mm	KM1-14
16mm	KM1-16
18mm	KM1-18
20mm	KM1-20

CCK 1 Collet-Inch and Metric

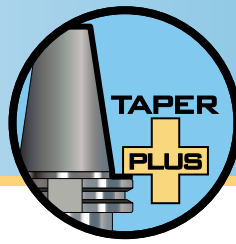
Size	Collet Number	Coolant Thru Nut	Slotted Nut	Disc Wrench
1/8"	CCK1-1/8	CKFN1-1/8C	KFN1-1/8	CCKL25
3/16"	CCK1-3/16	CKFN1-3/16C	KFN1-3/16	
1/4"	CCK1-1/4	CKFN1-1/4C	KFN1-1/4	
5/16"	CCK1-5/16	CKFN1-5/16C	KFN1-5/16	
3/8"	CCK1-3/8	CKFN1-3/8C	KFN1-3/8	
7/16"	CCK1-7/16	CKFN1-7/16C	KFN1-7/16	
1/2"	CCK1-1/2	CKFN1-1/2C	KFN1-1/2	
9/16"	CCK1-9/16	CKFN1-9/16C	KFN1-9/16	
5/8"	CCK1-5/8	CKFN1-5/8C	KFN1-5/8	
3/4"	CCK1-3/4	CKFN1-3/4C	KFN1-3/4	
7/8"	CCK1-7/8	CKFN1-7/8C	KFN1-7/8	
6mm	CCK1-6	CKFN1-6C	KFN1-6	
7mm	CCK1-7	CKFN1-7C	KFN1-7	
8mm	CCK1-8	CKFN1-8C	KFN1-8	
10mm	CCK1-10	CKFN1-10C	KFN1-10	
12mm	CCK1-12	CKFN1-12C	KFN1-12	
14mm	CCK1-14	CKFN1-14C	KFN1-14	
16mm	CCK1-16	CKFN1-16C	KFN1-16	
18mm	CCK1-18	CKFN1-18C	KFN1-18	
20mm	CCK1-20	CKFN1-20C	KFN1-20	



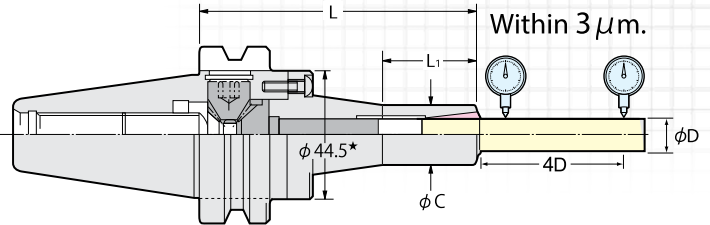
CCK Collet with Nut



KM Collet



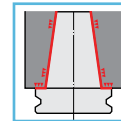
MMC Collet Chucks



Wrench is included

Part Number	Collet Series	Clamping Range	L	L1	C
BT30-MMC4-105	MPK4	0.039 - 0.157"	4.134"	1.181"	0.591"
BT30-MMC8-105	VMK8	0.079 - 0.375"	4.134"	1.417"	0.787"
BT30-MMC12-105	VMK12	0.157 - 0.500"	4.134"	1.378"	1.181"

 For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-MMC4-105 becomes NBT30-MMC4-105.



MPK4 Collet-Inch and Metric

Size	Collet Number
1/16"	MPK4-1/16
3/32"	MPK4-3/32
1.0mm	MPK4-1
1.5mm	MPK4-1.5
2.0mm	MPK4-2
2.5mm	MPK4-2.5
3.0mm	MPK4-3
3.5mm	MPK4-3.5
4.0mm	MPK4-4

VMK8 Collet-Inch and Metric

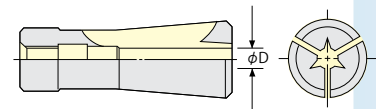
Size	Collet Number	Slotted Collet
1/8"	VMK8-1/8	VMK8-1/8J
3/16"	VMK8-3/16	VMK8-3/16J
1/4"	VMK8-1/4	VMK8-1/4J
5/16"	VMK8-5/16	VMK8-5/16J
3/8"	VMK8-3/8	VMK8-3/8J
2mm	VMK8-2	VMK8-2J
3mm	VMK8-3	VMK8-3J
4mm	VMK8-4	VMK8-4J
5mm	VMK8-5	VMK8-5J
6mm	VMK8-6	VMK8-6J
8mm	VMK8-8	VMK8-8J
10mm	VMK8-10	VMK8-10J

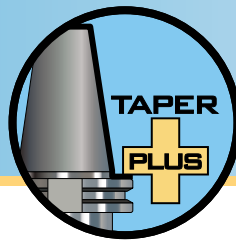


MPK Collet

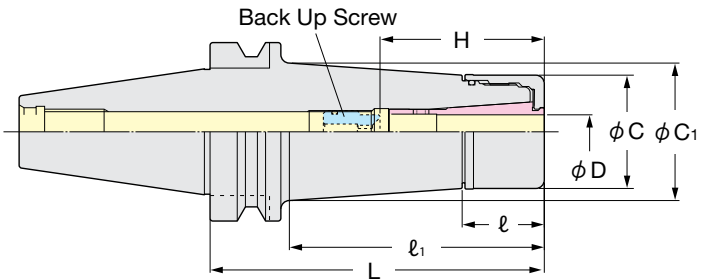


VMK Collet



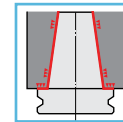


VC Collet Chucks



Part Number	Collet Series	Wrench	L	L1	H	D	D1	Back Up Screw
BT30-VC6-45	VC6	GH10	1.772"	0.906"	1.378-1.772"	1.083"	1.083"	VCG6-8A
BT30-VC6-60	VC6	GH10	2.362"	1.378"	1.378-1.772"	1.083"	1.248"	VCG6-8A
BT30-VC6-90	VC6	GH10	3.543"	2.559"	1.378-1.772"	1.083"	1.315"	VCG6-8A
BT30-VC13-60	VC13	GH16	2.362"	1.457"	1.969-2.362"	1.575"	1.618"	VCG13-15A
BT30-VC13-90	VC13	GH16	3.543"	2.638"	1.969-2.362"	1.575"	1.626"	VCG13-15A
BT30-VC13-120	VC13	GH16	4.724"	3.819"	1.969-2.362"	1.575"	1.669"	VCG13-15A

 For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-VC6-45 becomes NBT30-VC6-45.

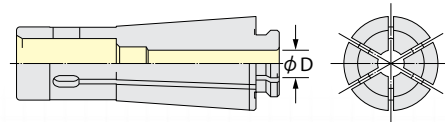


VC Collets-Inch

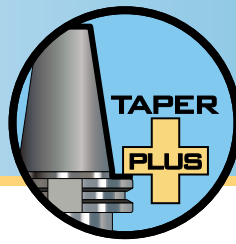
Part Number	Collet Size
VCK6-1/8	1/8"
VCK6-3/16	3/16"
VCK6-1/4	1/4"
VCK13-1/8	1/8"
VCK13-3/16	3/16"
VCK13-1/4	1/4"
VCK13-5/16	5/16"
VCK13-3/8	3/8"
VCK13-7/16	7/16"
VCK13-1/2	1/2"

VC Collets-Metric

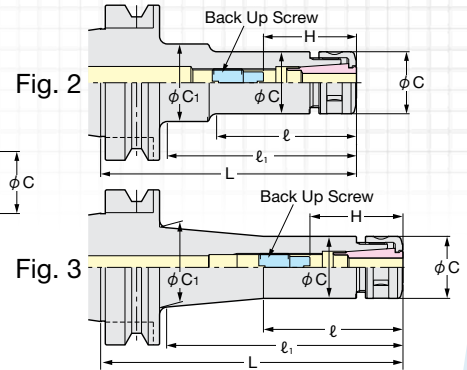
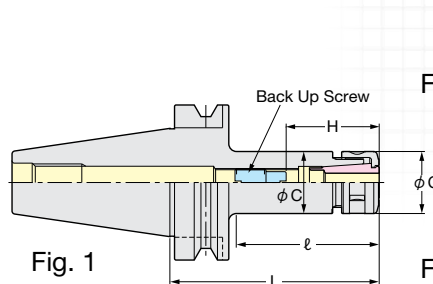
Part Number	Collet Size
VCK6-2	2.0mm
VCK6-3	3.0mm
VCK6-4	4.0mm
VCK6-5	5.0mm
VCK6-6	6.0mm
VCK13-3	3.0mm
VCK13-4	4.0mm
VCK13-5	5.0mm
VCK13-6	6.0mm
VCK13-7	7.0mm
VCK13-8	8.0mm
VCK13-9	9.0mm
VCK13-10	10.0mm
VCK13-11	11.0mm
VCK13-12	12.0mm



VC Collet



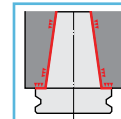
SK Collet Chucks



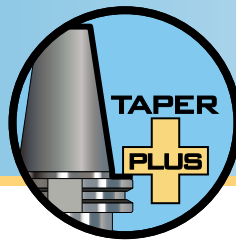
Part Number	Collet Series	Wrench	Clamping Range	L	L1	H	C	C1	Back Up Screw	Figure
BT30-SK6C-60	SK6	SKL-6W	0.027 - 0.236"	2.362"	1.299"	1.024-1.220"	0.768"	0.768"	SKG6-6HG	1
BT30-SK6C-90	SK6	SKL-6W	0.027 - 0.236"	3.543"	2.205"	1.024-1.220"	0.768"	1.260"	SKG6-6HG	2
BT30-SK6C-120	SK6	SKL-6W	0.027 - 0.236"	4.724"	2.441"	1.024-1.220"	0.768"	1.260"	SKG6-6HG	
BT30-SK10C-45	SK10	SKL-10	0.068 - 0.393"	1.772"	0.866"	1.299-1.614"	1.083"	1.083"	SKG10-10HG	
BT30-SK10C-60	SK10	SKL-10	0.068 - 0.393"	2.362"	1.378"	1.299-1.614"	1.083"	1.083"	SKG10-10HG	
BT30-SK10C-75	SK10	SKL-10	0.068 - 0.393"	2.953"	1.969"	1.299-1.614"	1.083"	1.083"	SKG10-10HG	
BT30-SK10C-90	SK10	SKL-10	0.068 - 0.393"	3.543"	2.559"	1.299-1.614"	1.083"	1.083"	SKG10-10HG	
BT30-SK10C-120	SK10	SKL-10	0.068 - 0.393"	4.724"	3.740"	1.299-1.614"	1.083"	1.083"	SKG10-10HG	
BT30-SK16C-60	SK16	9HC16	0.108 - 0.629"	2.362"	1.457"	1.850-2.047"	1.575"	1.575"	SKG16-12HGE	
BT30-SK16C-75	SK16	9HC16	0.108 - 0.629"	2.953"	2.047"	1.772-2.047"	1.575"	1.575"	SKG16-10HG	
BT30-SK16C-90	SK16	9HC16	0.108 - 0.629"	3.543"	2.638"	1.772-2.559"	1.575"	1.575"	SKG16-12HG	
BT30-SK16C-120	SK16	9HC16	0.108 - 0.629"	4.724"	3.819"	1.772-2.559"	1.575"	1.575"	SKG16-12HG	
BT30-SK25C-90	SK25	9HC22	0.629 - 1.0"	3.543"	2.559"	2.165-2.953"	2.165"	2.165"	SKG-12	



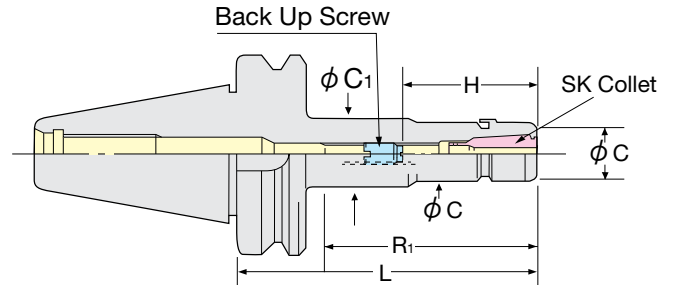
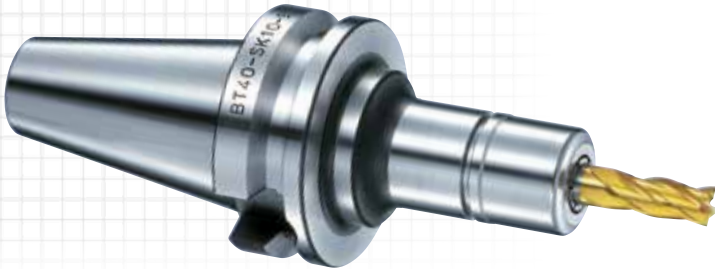
For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-SK6C-60 becomes NBT30-SK6C-60.



SK Collets available on pages 31-33.



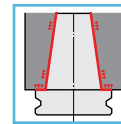
SK-P Collet Chucks



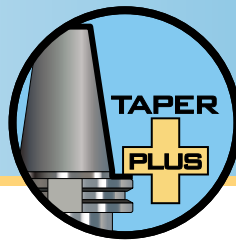
Part Number	Collet Series	Wrench	Clamping Range	L	R1	H	C	C1	Back Up Screw
BT30-SK6C-60P	SK6	GH6	0.027 - 0.236"	2.362"	1.299"	1.024-1.220"	0.768"	0.768"	SKG6-6HG
BT30-SK6C-90P	SK6	GH6	0.027 - 0.236"	3.543"	2.559"	1.024-1.220"	0.768"	1.260"	SKG6-6HG
BT30-SK10C-45P	SK10	GH10	0.068 - 0.393"	1.772"	0.866"	1.299-1.614"	1.083"	1.083"	SKG10-10HG
BT30-SK10C-60P	SK10	GH10	0.068 - 0.393"	2.362"	1.378"	1.299-1.614"	1.083"	1.083"	SKG10-10HG
BT30-SK10C-75P	SK10	GH10	0.068 - 0.393"	2.953"	1.969"	1.299-1.614"	1.083"	1.083"	SKG10-10HG
BT30-SK10C-90P	SK10	GH10	0.068 - 0.393"	3.543"	2.559"	1.299-1.614"	1.083"	1.083"	SKG10-10HG
BT30-SK16C-60P	SK16	GH16	0.108 - 0.629"	2.362"	1.457"	1.850-2.047"	1.575"	1.575"	SKG16-12HGE
BT30-SK16C-75P	SK16	GH16	0.108 - 0.629"	2.953"	2.047"	1.772-2.047"	1.575"	1.575"	SKG16-10HG
BT30-SK16C-90P	SK16	GH16	0.108 - 0.629"	3.543"	2.638"	1.772-2.559"	1.575"	1.575"	SKG16-12HG
BT30-SK25-90P	SK25	GH25	0.629 - 1.0"	3.543"	2.638"	2.165-2.953"	2.165"	2.165"	SKG-12



For Taper Plus holders (dual face contact toolholders), add "N" to the beginning of the Part Number. For example: BT30-SK6C-60P becomes NBT30-SK6C-60P.



SK Collets available on pages 31-33.



SK6 Collets

SK6 Collets - Metric	Collet Range	Collapse Range
SK6-0.8	0.7 - 0.8	0.027 - 0.031"
SK6-1	0.9 - 1.0	0.035 - 0.039"
SK6-1.25	1.15 - 1.25	0.045 - 0.049"
SK6-1.5	1.3 - 1.5	0.051 - 0.059"
SK6-1.75	1.5 - 1.75	0.059 - 0.068"
SK6-2	1.8 - 2.0	0.070 - 0.078"
SK6-2.25	2.05 - 2.25	0.080 - 0.088"
SK6-2.5	2.3 - 2.5	0.090 - 0.098"
SK6-2.75	2.55 - 2.75	0.100 - 0.108"
SK6-3	2.8 - 3.0	0.110 - 0.118"
SK6-3.5	3.0 - 3.5	0.118 - 0.137"
SK6-4	3.5 - 4.0	0.137 - 0.157"
SK6-4.5	4.0 - 4.5	0.157 - 0.177"
SK6-5	4.5 - 5.0	0.177 - 0.196"
SK6-5.5	5.0 - 5.5	0.196 - 0.216"
SK6-6	5.5 - 6.0	0.216 - 0.236"

SK6 Collets - Inch	Collet Size
SK6-1/8A	.125"
SK6-3/16A	.187"



SK Collet

SK10 Collets

SK10 Collets - Metric	Collet Range	Collapse Range
SK10-2	1.75 - 2.0	0.068 - 0.078"
SK10-2.25	2.0 - 2.25	0.078 - 0.088"
SK10-2.5	2.25 - 2.5	0.088 - 0.098"
SK10-2.75	2.5 - 2.75	0.098 - 0.108"
SK10-3	2.75 - 3.0	0.108 - 0.118"
SK10-3.5	3.0 - 3.5	0.118 - 0.137"
SK10-4	3.5 - 4.0	0.137 - 0.157"
SK10-4.5	4.0 - 4.5	0.157 - 0.177"
SK10-5	4.5 - 5.0	0.177 - 0.196"
SK10-5.5	5.0 - 5.5	0.196 - 0.216"
SK10-6	5.5 - 6.0	0.216 - 0.236"
SK10-6.5	6.0 - 6.5	0.236 - 0.255"
SK10-7	6.5 - 7.0	0.255 - 0.275"
SK10-7.5	7.0 - 7.5	0.275 - 0.295"
SK10-8	7.5 - 8.0	0.295 - 0.314"
SK10-8.5	8.0 - 8.5	0.314 - 0.334"
SK10-9	8.5 - 9.0	0.334 - 0.354"
SK10-9.5	9.0 - 9.5	0.354 - 0.374"
SK10-10	9.5 - 10.0	0.374 - 0.393"

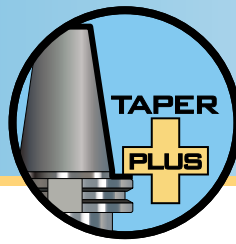
SK10 Collets - Inch	Collet Size
SK10-1/8A	0.125"
SK10-3/16A	0.187"
SK10-1/4A	0.25"
SK10-5/16A	0.312"
SK10-3/8A	0.375"

SK10 Coolant Collets

SK10 Coolant Collets - Inch	Collet Size
SK10-1/4AC	0.25"
SK10-5/16AC	0.312"
SK10-3/8AC	0.375"
SK10-6AC	6mm
SK10-7AC	7mm
SK10-8AC	8mm
SK10-9AC	9mm
SK10-10AC	10mm



Mechanically sealing up to 1200 psi



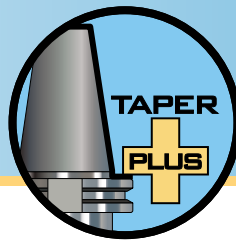
SK16 Collets

SK16 Collets - Metric	Collet Range	Collapse Range
SK16-3	2.75 - 3.0	0.108 - 0.118"
SK16-3.5	3.0 - 3.5	0.118 - 0.137"
SK16-4	3.5 - 4.0	0.137 - 0.157"
SK16-4.5	4.0 - 4.5	0.157 - 0.177"
SK16-5	4.5 - 5.0	0.177 - 0.196"
SK16-5.5	5.0 - 5.5	0.196 - 0.216"
SK16-6	5.5 - 6.0	0.216 - 0.236"
SK16-6.5	6.0 - 6.5	0.236 - 0.255"
SK16-7	6.5 - 7.0	0.255 - 0.275"
SK16-7.5	7.0 - 7.5	0.275 - 0.295"
SK16-8	7.5 - 8.0	0.295 - 0.314"
SK16-8.5	8.0 - 8.5	0.314 - 0.334"
SK16-9	8.5 - 9.0	0.334 - 0.354"
SK16-9.5	9.0 - 9.5	0.354 - 0.374"
SK16-10	9.5 - 10.0	0.374 - 0.393"
SK16-10.5	10.0 - 10.5	0.393 - 0.413"
SK16-11	10.5 - 11.0	0.413 - 0.433"
SK16-11.5	11.0 - 11.5	0.433 - 0.452"
SK16-12	11.5 - 12.0	0.452 - 0.472"
SK16-12.5	12.0 - 12.5	0.472 - 0.492"
SK16-13	12.5 - 13.0	0.492 - 0.511"
SK16-13.5	13.0 - 13.5	0.511 - 0.531"
SK16-14	13.5 - 14.0	0.531 - 0.551"
SK16-14.5	14.0 - 14.5	0.551 - 0.570"
SK16-15	14.5 - 15.0	0.570 - 0.590"
SK16-15.5	15.0 - 15.5	0.590 - 0.610"
SK16-16	15.5 - 16.0	0.610 - 0.629"

SK16 Collets - Inch	Collet Size
SK16-1/8A	0.125"
SK16-3/16A	0.187"
SK16-1/4A	0.25"
SK16-5/16A	0.312"
SK16-3/8A	0.375"
SK16-7/16A	0.437"
SK16-1/2A	0.5"
SK16-9/16A	0.562"
SK16-5/8A	0.625"



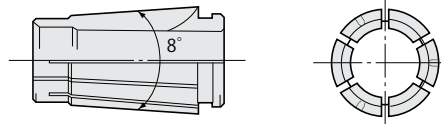
SK Collet



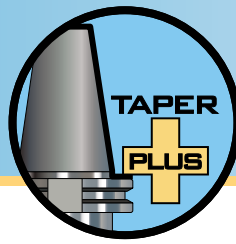
SK25 Collets

SK25 Collets - Metric	Collet Range	Collapse Range
SK25-16.5	16.0 - 16.5	0.629 - 0.649"
SK25-17	16.5 - 17.0	0.649 - 0.669"
SK25-17.5	17.0 - 17.5	0.669 - 0.688"
SK25-18	17.5 - 18.0	0.688 - 0.708"
SK25-18.5	18.0 - 18.5	0.708 - 0.728"
SK25-19	18.5 - 19.0	0.728 - 0.748"
SK25-19.5	19.0 - 19.5	0.748 - 0.767"
SK25-20	19.5 - 20.0	0.767 - 0.787"
SK25-20.5	20.0 - 20.5	0.787 - 0.807"
SK25-21	20.5 - 21.0	0.807 - 0.826"
SK25-21.5	21.0 - 21.5	0.826 - 0.846"
SK25-22	21.5 - 22.0	0.846 - 0.866"
SK25-22.5	22.0 - 22.5	0.866 - 0.885"
SK25-23	22.5 - 23.0	0.885 - 0.905"
SK25-23.5	23.0 - 23.5	0.905 - 0.925"
SK25-24	23.5 - 24.0	0.925 - 0.944"
SK25-24.5	24.0 - 24.5	0.944 - 0.964"
SK25-25	24.5 - 25.0	0.964 - 0.984"
SK25-25.4	25.0 - 25.4	0.984 - 1.0"

SK25 Collets - Inch	Collet Size
SK25-3/16A	0.187"
SK25-1/4A	0.25"
SK25-5/16A	0.312"
SK25-3/8A	0.375"
SK25-7/16A	0.437"
SK25-1/2A	0.5"
SK25-5/8A	0.625"
SK25-3/4A	0.75"



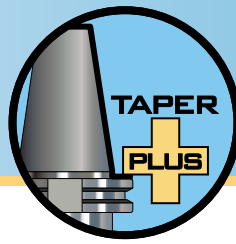
SK Collet



SK Coolant Collet System



Collet Chuck	Collet Series	Coolant Nut Part Number	High-Speed Coolant Nut Part #	Cutting Tool Size	Coolant-Thru Disk Part #	Slotted Disk Part #	Disk Wrench Part #	Blank Disk (machinable) Part #
SK6	SK6-range: 0.7-6.0mm (0.027-0.236")	SKN-6WBJ	SKN-6WBJ(GH)	3mm	SKJ6-3C	SKJ6-3	SKJL-6	SKJ6-BLANK
				4mm	SKJ6-4C	SKJ6-4		
				5mm	SKJ6-5C	SKJ6-5		
				6mm	SKJ6-6C	SKJ6-6		
				1/8"	SKJ6-1/8C	SKJ6-1/8		
				3/16"	SKJ6-3/16C	SKJ6-3/16		
SK10	SK10-range: 1.75-10.0mm (0.068-0.393")	SKN-10BJ	SKN-10BJ(GH)	3mm	SKJ10-3C	SKJ10-3	SKJL-10	SKJ10-BLANK
				4mm	SKJ10-4C	SKJ10-4		
				5mm	SKJ10-5C	SKJ10-5		
				6mm	SKJ10-6C	SKJ10-6		
				8mm	SKJ10-8C	SKJ10-8		
				10mm	SKJ10-10C	SKJ10-10		
				1/8"	SKJ10-1/8C	SKJ10-1/8		
				3/16"	SKJ10-3/16C	SKJ10-3/16		
				1/4"	SKJ10-1/4C	SKJ10-1/4		
				5/16"	SKJ10-5/16C	SKJ10-5/16		
SK16	SK16-range: 2.75-16.0mm (0.108-0.629")	SKN-16BJ	SKN-16BJ(GH)	6mm	SKJ16-6C	SKJ16-6	SKJL-16	SKJ16-BLANK
				8mm	SKJ16-8C	SKJ16-8		
				10mm	SKJ16-10C	SKJ16-10		
				12mm	SKJ16-12C	SKJ16-12		
				16mm	SKJ16-16C	SKJ16-16		
				1/4"	SKJ16-1/4C	SKJ16-1/4		
				5/16"	SKJ16-5/16C	SKJ16-5/16		
				3/8"	SKJ16-3/8C	SKJ16-3/8		
				7/16"	SKJ16-7/16C	SKJ16-7/16		
				1/2"	SKJ16-1/2C	SKJ16-1/2		
SK25	SK25-range: 16.0-25.4mm (0.629-1.0")	SKN-25BJ	SKN-25BJ(GH)	16mm	SKJ25-16C	SKJ25-16	SKJL-25	SKJ25-BLANK
				20mm	SKJ25-20C	SKJ25-20		
				25mm	SKJ25-25C	SKJ25-25		
				5/8"	SKJ25-5/8C	SKJ25-5/8		
				11/16"	SKJ25-11/16C	SKJ25-11/16		
				3/4"	SKJ25-3/4C	SKJ25-3/4		
				13/16"	SKJ25-13/16C	SKJ25-13/16		
				7/8"	SKJ25-7/8C	SKJ25-7/8		
				15/16"	SKJ25-15/16C	SKJ25-15/16		
1"	SKJ25-1C	SKJ25-1						



Accessories

SK Collet Extractor

Part Number	Description
SKR-6	SK6 Collet Extractor
SKR-10	SK10 Collet Extractor
SKR-16	SK16 Collet Extractor
SKR-25	SK25 Collet Extractor



Replacement Nut for SK Collet Chuck - Standard Style

Part Number	Description
SKN-6WB	Nut for SK6 Collet Chuck
SKN-10B	Nut for SK10 Collet Chuck
SKN-16B	Nut for SK16 Collet Chuck
SKN-25B	Nut for SK25 Collet Chuck



Replacement Nut for SK Collet Chuck - High-Speed Style

Part Number	Description
SKN-6WB (GH)	Nut for SK6 High-Speed Collet Chuck
SKN-10B (GH)	Nut for SK10 High-Speed Collet Chuck
SKN-16B (GH)	Nut for SK16 High-Speed Collet Chuck
SKN-25B (GH)	Nut for SK25 High-Speed Collet Chuck



Wrench for SK Collet Chuck - Standard Style

Part Number	Description
SKL-6W	Wrench for SK6 Collet Chuck
SKL-10	Wrench for SK10 Collet Chuck
9HC16	Wrench for SK16 Collet Chuck
9HC22	Wrench for SK25 Collet Chuck



Wrench for SK Collet Chuck - High-Speed Style

Part Number	Description
GH6	Wrench for SK6 High-Speed Collet Chuck
GH10	Wrench for SK10 High-Speed Collet Chuck
GH16	Wrench for SK16 High-Speed Collet Chuck
GH25	Wrench for SK25 High-Speed Collet Chuck



Torque Wrench and Attachment for SK Collet Chuck

Part Number	Description
TQW-025	Torque wrench for SK6 Collet Chuck Nut
TQW-150	Torque wrench for SK10/16/25 Collet Chuck Nut
TQW-SK06(18)	SK6 attachment for TQW-025 torque wrench
TQW-SK10(1)	SK10 attachment for TQW-0150 torque wrench
TQW-SK16(43)	SK16 attachment for TQW-0150 torque wrench
TQW-SK25(60)	SK25 attachment for TQW-0150 torque wrench





www.lyndexnikken.com

1468 Armour Boulevard

Mundelein, IL 60060

E-mail: inquiries@lyndexnikken.com

Phone: (847) 367-4800

Fax: (847) 367-4815

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