

LYNDEX NIKKEN



STANDARD PRODUCT CATALOG





Lyndex-Nikken. Together, Lyndex and Nikken represent the best of both worlds: Extreme Quality and Advanced Technology.

Though only recently established, Lyndex-Nikken already has a long history of success. Founded nearly three decades ago, Lyndex Corporation set the standard for quality toolholding in the U.S. Nikken, on the other hand, was established in Japan over a half century ago and has a rock solid reputation as the number one manufacturer of toolholders and machine tool accessories.

From the joining of these two great companies emerges an even greater company. Lyndex-Nikken boasts a broader product line, more service personnel and a higher degree of engineering support and technology.

Best of all, the quality that you've come to expect from Lyndex is further reinforced through the addition of Nikken products.

Complementing this extensive inventory is expanded support. From Lyndex-Nikken, you are assured of the highest levels of knowledge-based engineering and service.

Superior quality and technology, as well as selection and service, make Lyndex-Nikken your single source for toolholders and machine tool accessories.



Lyndex Corporation began in 1979 as a supplier of 5C and R8 collets. The company was founded with a vision of becoming the industry's premier supplier of quality toolholders.

Over the years, Lyndex's product line has evolved to include a vast selection of toolholding and accessories. Commitment of quality products and excellent service has earned Lyndex industry-wide attention.

Partnering with Nikken has further enhanced opportunities for Lyndex and Lyndex customers.



Nikken Kosakusho Works, Ltd. has dominated Japan's toolholding market almost since its inception in 1953. Established by Mr. Matsumoto, a top name in Japan's machine tool market, Nikken is committed to technological advancement and customer satisfaction.

Today, Nikken annually produces over 300,000 toolholders, 2,500 CNC rotary tables and 250,000 reamers. A global company, Nikken's sales and technical service network consists of over 600 employees worldwide.

Through joining forces with Lyndex, Nikken will further establish its presence in the U.S. toolholding marketplace.



Standard Products

Our complete range of quality-driven toolholding solutions are designed to meet your strictest requirements. Our extensive line features the industry's most trusted ER Collet Chucks, End Mill Holders and Tap Holders.



Hole Making

Featuring the ZMAC, our world-class boring heads are extremely rigid and precise. A shoulder support and locking screw (located closer to the cutting edge) ensures stable operation. The dial ring and cartridge are precision-matched for improved accuracy.

Advanced Products

Maximize the potential of your machine tools with our technologically superior tooling. Our advanced line includes High-Speed SK, Insider Collet Chucks, Ultra-lock Milling Chucks, our HSBalance™ tooling line as well as productivity-driven AngleHeads and HiSpinners.



CNC Rotary Tables

Our complete line of CNC Rotary Tables are known worldwide for their wear-resistance, rigidity and high-speed rotation. Ion-nitrided worm wheels and carbide worm screws reduce friction and wear by up to 8 times (compared to common phosphorous bronze and aluminum bronze worm construction).





Presetters

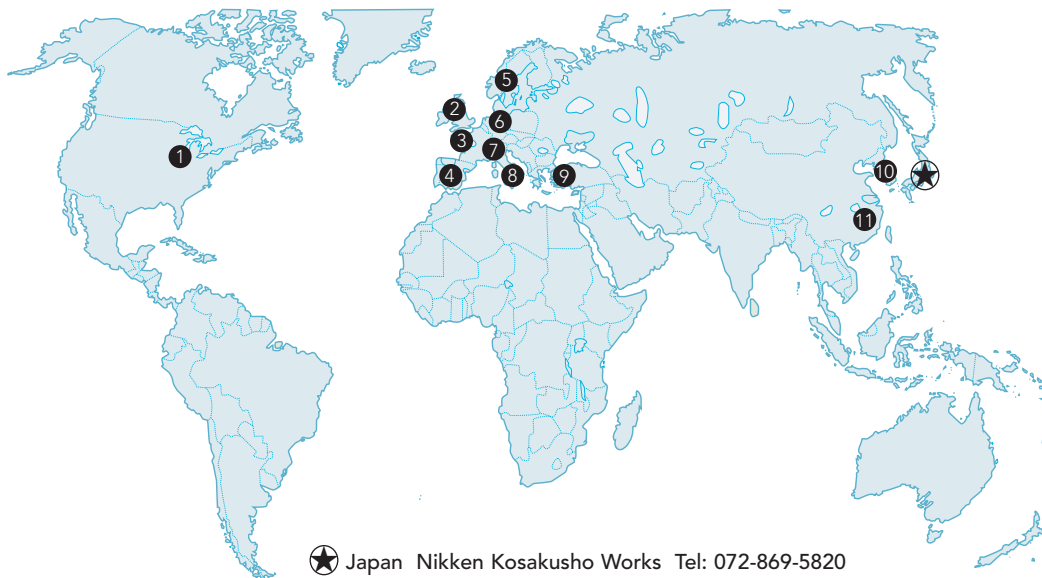
Presetters from Elbo Controlli reduce valuable tooling set-up time. Our E238, E348, E450 and E458 presetters maximize accuracy and ease of operation, are solidly constructed, include an intuitive icon-driven control system and feature a specially designed C-MOS camera system.

Live Tools

Our Alps and Benz line of live tooling meets the industry's demand for superior technology, precision and selection. Choose from standard or custom designs in axial or radial configurations. Various shank tooling and collets are available.



Nikken Worldwide



★ Japan Nikken Kosakusho Works Tel: 072-869-5820

- | | | | | | |
|------------|-----------------------|----------------------------|----------------|-----------------------|----------------------|
| 1. USA | Lyndex Nikken | Tel: (847) 367-4800 | 7. Switzerland | Nikken Switzerland AG | Tel: (041) 748-5000 |
| 2. UK | Nikken Kosakusho UK | Tel: (01709) 366306 | 8. Italy | Vega International | Tel: (011) 9456330 |
| 3. France | Procomo France S.A. | Tel: 01.69.19.17.35 | 9. Turkey | Nikken Turkey | Tel: (0216) 464-0620 |
| 4. Spain | Cutting Tool S.L. | Tel: (943) 494144 | 10. Korea | Korea Nikken LTD. | Tel: (032) 763-4461 |
| 5. Sweden | Nikken Scandinavia AB | Tel: (031) 519855 | 11. China | Nikken China | Tel: (021) 6210-2506 |
| 6. Germany | Nikken Deutschland | Tel: 0049 (0) 6142/55060-0 | | | |

Nikken's Osaka-Daito Factory

Open in 2003, Nikken's state of the art production facility sits on 12 acres and includes 237,000 square feet of manufacturing space and 26,000 square feet of office space.



MILLING CHUCKS
END MILL HOLDERS
SHELL MILL HOLDERS
COLLET CHUCKS
DRILL CHUCKS
TAP HOLDERS
STUB, BORING, BLANK



Machine Center Line with 3Lock Spindles



NC Lathe Line



Tool Grinding Line



Carbonizing and Sub-Zero Treatment



Ion Nitriding

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

Lyndex-Nikken Part Numbers

We continue to utilize our original system for the standard products (shown below) and have incorporated Nikken's part numbers for their product.

The Taper Descriptions are self-explanatory with the addition of:

C = Milling Chucks

SK = SK / LSK

MMC = MMC / Insider

SZF = Bullseye

VC = VC Holder

FMD = Face Mill Adapter

MCAT or MBT = 3Lock Taper

NPU = Drill Chuck

MOL = Fluid Head - Side Lock Style

MOK = Fluid Head - SK Collet Style

MOC = Fluid Head - Milling Chuck Style

G in conjunction with C or SK = High Speed

F = Din 69871 FormB (Flange Coolant)

C in conjunction with SK = High Pressure Coolant

Nikken Example: CAT40-GSK25C-90

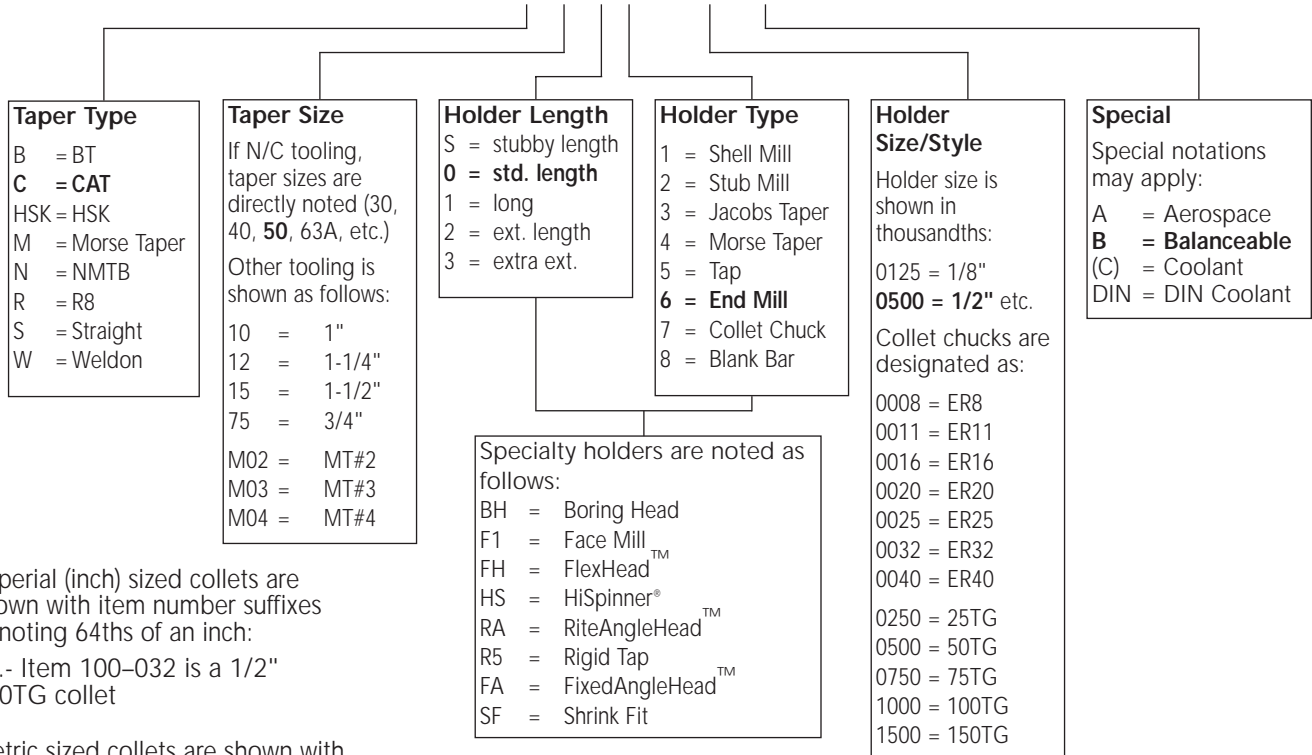


Here's how we derive our Lyndex toolholder part numbers.

Reviewing this numbering system will help you to quickly identify Lyndex toolholders in this catalog.

The example, item C5006-0500B, is a **CT50 taper 1/2" balanceable end mill holder.**

C 50 0 6 - 0500 B



Imperial (inch) sized collets are shown with item number suffixes denoting 64ths of an inch:

i.e.- Item 100-032 is a 1/2" 100TG collet

Metric sized collets are shown with item number suffixes denoting its maximum capacity in thousandths of an inch:

i.e.- Item E25-196 is a 4 - 5mm ER25 collet

All specifications listed in this catalog are subject to change without notice.

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MILLING CHUCKS

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DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

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MILLING CHUCKS
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MILLING CHUCKS



MILLING CHUCKS

END MILL HOLDERS

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TAP HOLDERS

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Nikken Ultra Lock Milling Chuck



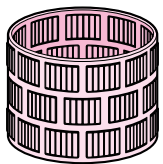
Sub Zero Treatment
 Nikken Toolholders are all subjected to ultra low temperature treatment of -90°C after carburizing. This treatment removes residual austenite to prevent deformation for many years



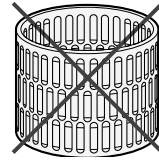
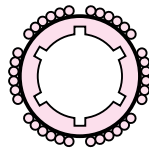
Chucking Torque and Durability

All of the Ultra Lock Milling Chucks incorporate the multi-roller system including 140% more needle rollers than the other imitations. In addition, The retainer is not made of phosphorus bronze, but of a special steel which will never break.

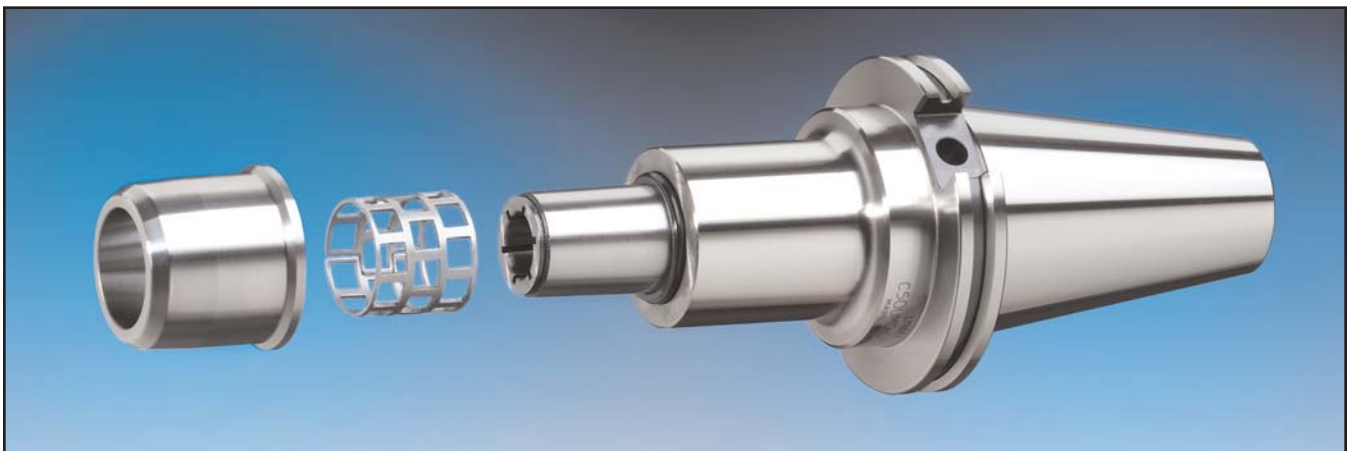
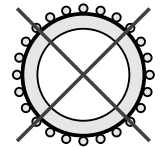
Nikken's Needle roller bearings are arranged in perfect order and density to allow for even gripping torque and smooth operation



Nikken Multi-Roller System



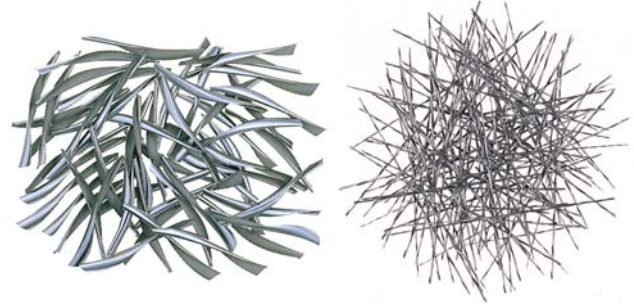
Imitation Multi-Roller System





Uniform Chip Size

Consistent chips show optimum performance of cutting tool, generating maximum tool life.



Rigidity and Chucking Torque

Internal slots together with a thickened wall of the chuck body ensures no distortion even at heavy milling. Thus, smooth milling work is achieved without the vibration or slipping of the end mill.

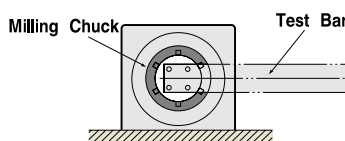
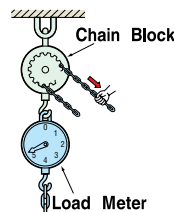
Effects of Internal Slots

Internal slots allow for no decrease in gripping torque even if oil remains on the end mill shank. Without slots, chucking torque is greatly reduced allowing for slippage.

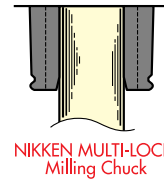
Thick wall and slots provides strong chucking torque and rigidity. Further, slots function as an escape for oil.

Chucking Torque Test Data (C42)

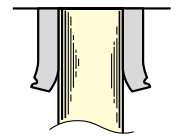
	Oil is removed completely	Trace amounts of oil	%
Nikken With Slots	3,600 ft. lbs.	3,500 ft. lbs.	5% down
Others Without Slots	2,500 ft lbs	900 ft. lbs.	67% down



Only the Ultra-Lock Milling Chuck perfectly clamps even at 3mm from the chuck nose.



NIKKEN MULTI-LOCK Milling Chuck



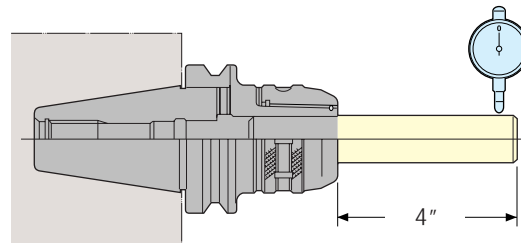
Other imitation chuck

Stable Milling with Stopper

The tightening stopper is located where the maximum efficiency of chucking torque is exerted. Tightening the chuck close to the flange face ensures smooth, stable and reliable milling work.

Fine Run-Out Accuracy

The finest run-out accuracy of any Milling Chuck (0.0002 at 4.0" from the nose).



High Speed Tools

Lyndex-Nikken has a wide range of high speed products available. Please refer to our Advanced Product Catalog for more information about Nikken's high speed Milling Chucks.

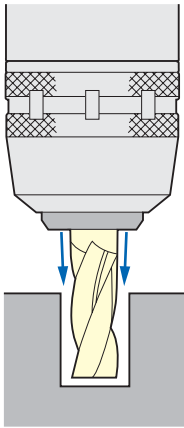


Ultra-Lock™ Milling Chuck Collets

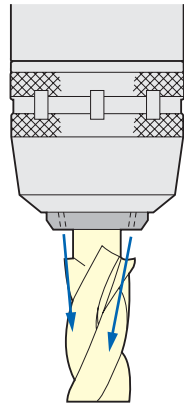
The Ultra-Lock™ Milling Chuck Collets are designed to insure uniform collapsing around the cutting tool shank. This provides maximum gripping power as well as concentric positioning of the cutting tool. Collets are available for all Ultra-Lock Milling Chucks in inch and metric sizes including coolant thru styles. Cutting tool shank tolerance is H7.



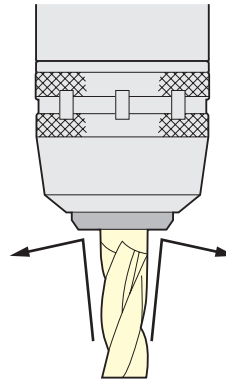
Examples of Coolant Thru Options



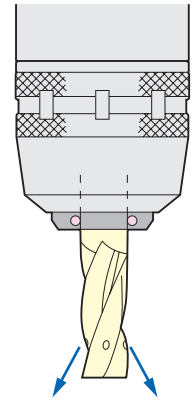
For Grooving.



For cutters with cutting diameter which is larger than the shank diameter



Prevention of the swarf contamination.



A front nut with an O-ring seal, for use with coolant thru cutter, is also available as an option



Coolant-Thru Nut

When paired with the Ultra-Lock™ Milling Chuck Coolant Collet (not shown), the Coolant-Thru Nut forms a complete seal around the cutting tool. This combination is well suited for coolant-thru cutting tools. Both the Coolant Collet and the Coolant-Thru Nut must be ordered on size for each cutting tool (see page 21-22 for sizes and part numbers).



Slotted Nut

When paired with the Ultra-Lock™ Milling Chuck Coolant Collet (not shown), the Slotted Nut allows coolant to travel down the shank of the cutting tool to the cutting edge. This combination is well suited for non-coolant-thru cutting tools. Both the Coolant Collet and the Slotted Nut must be ordered on size for each cutting tool (see page 21-22 for sizes and part numbers).

CT TAPER ULTRA-LOCK™ MILLING CHUCKS



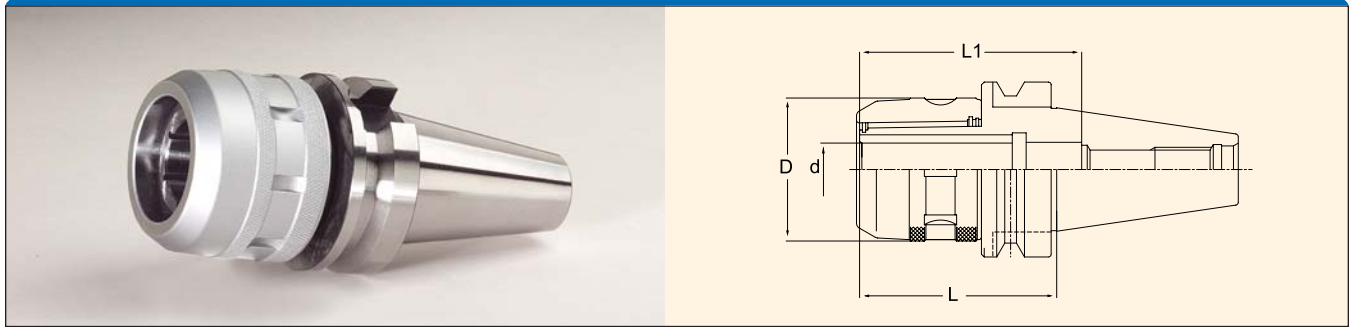
Part Number	Taper	Collet Series	Clamping Range	d	L	L1	D
CAT40-C3/4-85	CT40	KM3/4	0.125-0.750"	0.750"	3.346"	3.150"	2.047"
CAT40-C3/4-105	CT40	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
CAT40-C3/4-120	CT40	KM3/4	0.125-0.750"	0.750"	4.724"	3.150"	2.047"
CAT40-C1-85	CT40	KM1	0.125-1.000"	1.000"	3.346"	3.150"	2.362"
CAT40-C1-105	CT40	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
CAT40-C1.1/4-85	CT40	KM1-1/4	0.187-1.250"	1.250"	3.346"	3.031"	2.717"
CAT40-C1.1/4-105	CT40	KM1-1/4	0.187-1.250"	1.250"	4.134"	3.543"	2.717"
CAT40-C1.1/4-120	CT40	KM1-1/4	0.187-1.250"	1.250"	4.724"	4.134"	2.717"
CAT40-C32-105	CT40	KM32	3mm - 32mm	32mm	4.134"	3.543"	2.717"
CAT45-C3/4-90	CT45	KM3/4	0.125-0.750"	0.750"	3.543"	3.150"	2.047"
CAT45-C1-105	CT45	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
CAT45-C1.1/4-105	CT45	KM1-1/4	0.187-1.250"	1.250"	4.134"	4.134"	2.717"
CAT50-C3/4-105	CT50	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
CAT50-C3/4-135	CT50	KM3/4	0.125-0.750"	0.750"	5.315"	3.150"	2.047"
CAT50-C3/4-165	CT50	KM3/4	0.125-0.750"	0.750"	6.496"	3.150"	2.047"
CAT50-C1-105	CT50	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
CAT50-C1-135	CT50	KM1	0.125-1.000"	1.000"	5.315"	3.150"	2.362"
CAT50-C1.1/4-90	CT50	KM1-1/4	0.187-1.250"	1.250"	3.543"	4.134"	2.717"
CAT50-C1.1/4-105	CT50	KM1-1/4	0.187-1.250"	1.250"	4.134"	4.134"	2.717"
CAT50-C1.1/4-135	CT50	KM1-1/4	0.187-1.250"	1.250"	5.315"	4.134"	2.717"
CAT50-C1.1/4-165	CT50	KM1-1/4	0.187-1.250"	1.250"	6.496"	4.134"	2.717"
CAT50-C32-105	CT50	KM32	3mm - 32mm	32mm	4.134"	4.134"	2.717"
CAT50-C32-165	CT50	KM32	3mm - 32mm	32mm	6.496"	4.134"	2.717"
CAT50-C2-125	CT50	KM2	1.000-2.000"	2.000"	4.921"	3.228"	4.134"

CT TAPER ULTRA-LOCK™ MILLING CHUCKS (DIN)

Part Number	Taper	Collet Series	Clamping Range	d	L	L1	D
CAT40-C3/4F-85	CT40	KM3/4	0.125-0.750"	0.750"	3.346"	3.150"	2.047"
CAT40-C3/4F-105	CT40	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
CAT40-C1F-105	CT40	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
CAT40-C1F-85	CT40	KM1	0.125-1.000"	1.000"	3.346"	3.150"	2.362"
CAT40-C1.1/4F-105	CT40	KM1-1/4	0.187-1.250"	1.250"	4.134"	3.543"	2.717"
CAT40-C1.1/4F-120	CT40	KM1-1/4	0.187-1.250"	1.250"	4.724"	4.134"	2.717"
CAT50-C3/4F-105	CT50	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
CAT50-C3/4F-135	CT50	KM3/4	0.125-0.750"	0.750"	5.315"	3.150"	2.047"
CAT50-C1F-105	CT50	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
CAT50-C1F-135	CT50	KM1	0.125-1.000"	1.000"	5.315"	3.150"	2.362"
CAT50-C1.1/4F-105	CT50	KM1-1/4	0.187-1.250"	1.250"	4.134"	4.134"	2.717"
CAT50-C1.1/4F-135	CT50	KM1-1/4	0.187-1.250"	1.250"	5.315"	4.134"	2.717"

Note: Spanner Wrench not included.

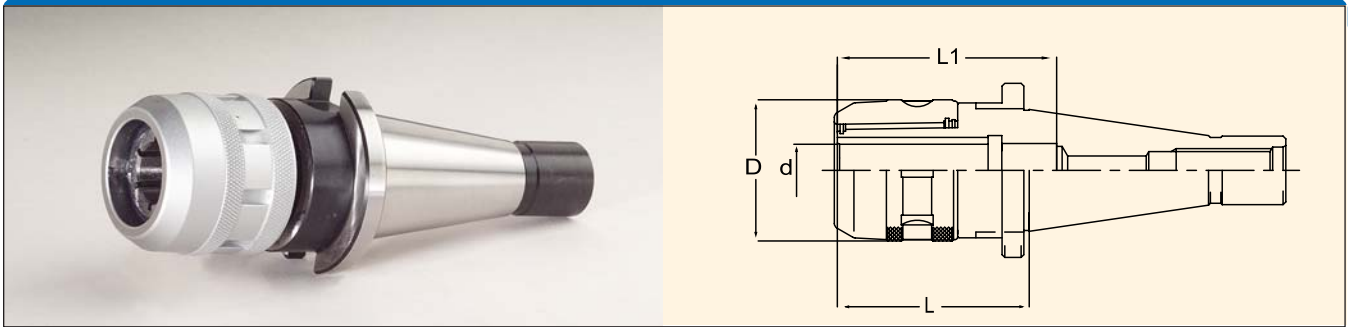
BT TAPER ULTRA-LOCK™ MILLING CHUCKS



Part Number	Taper	Collet Series	Clamping Range	d	L	L1	D
BT30-C3/4-75	BT30	KM3/4	0.125-0.750"	0.750"	2.953"	3.150"	2.047"
BT35-C3/4-70	BT35	KM3/4	0.125-0.750"	0.750"	2.756"	3.150"	2.047"
BT40-C3/4-70	BT40	KM3/4	0.125-0.750"	0.750"	2.756"	3.150"	2.047"
BT40-C3/4-105	BT40	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
BT40-C1-70	BT40	KM1	0.125-1.000"	1.000"	2.756"	3.150"	2.362"
BT40-C1-90	BT40	KM1	0.125-1.000"	1.000"	3.543"	3.150"	2.362"
BT40-C1.1/4-85	BT40	KM1-1/4	0.187-1.250"	1.250"	3.346"	3.031"	2.717"
BT40-C1.1/4-120	BT40	KM1-1/4	0.187-1.250"	1.250"	4.724"	4.134"	2.717"
BT40-C32-105	BT40	KM32	3mm - 32mm	32mm	4.134"	3.543"	2.717"
BT45-C1.1/4-85	BT45	KM1-1/4	0.187-1.250"	1.250"	3.346"	4.134"	2.717"
BT50-C3/4-105	BT50	KM3/4	0.125-0.750"	0.750"	4.134"	3.150"	2.047"
BT50-C3/4-135	BT50	KM3/4	0.125-0.750"	0.750"	5.315"	3.150"	2.047"
BT50-C1-105	BT50	KM1	0.125-1.000"	1.000"	4.134"	3.150"	2.362"
BT50-C1-135	BT50	KM1	0.125-1.000"	1.000"	5.315"	3.150"	2.362"
BT50-C1.1/4-90	BT50	KM1-1/4	0.187-1.250"	1.250"	3.543"	4.134"	2.717"
BT50-C1.1/4-135	BT50	KM1-1/4	0.187-1.250"	1.250"	5.315"	4.134"	2.717"
BT50-C2-105	BT50	KM2	1.000-2.000"	2.000"	4.134"	3.543"	4.134"
BT50-C32-105	BT50	KM32	3mm - 32mm	32mm	4.134"	4.134"	2.717"
BT50-C32-165	BT50	KM32	3mm - 32mm	32mm	6.496"	4.134"	2.717"

Note: Spanner Wrench not included.

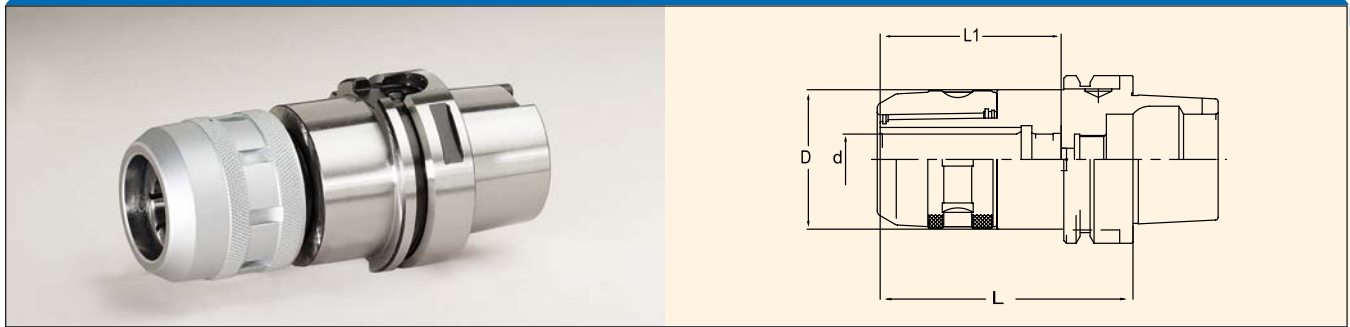
NMTB TAPER ULTRA-LOCK™ MILLING CHUCKS



Part Number	Taper	Collet Series	Clamping Range	d	L	L1	D
NMTB40-C3/4-70	NMTB40	KM3/4	0.125-0.750"	0.750"	2.756"	3.150"	2.047"
NMTB40-C1.1/4-105	NMTB40	KM1-1/4	0.187-1.250"	1.250"	4.134"	3.150"	2.717"
NMTB50-C3/4-65	NMTB50	KM3/4	0.125-0.750"	0.750"	2.559"	3.150"	2.047"
NMTB50-C1.1/4-90	NMTB50	KM1-1/4	0.187-1.250"	1.250"	3.543"	4.134"	2.717"
NMTB50-C2-105	NMTB50	KM2	1.000-2.000"	2.000"	4.134"	3.543"	4.134"

Note: Spanner Wrench not included.

HSK TAPER ULTRA-LOCK™ MILLING CHUCKS



Part Number	Taper	Collet Series	Clamping Range	d	L	L1	D
HSK63A-C3/4-95	HSK63A	KM3/4	0.125-0.750"	0.750"	3.740"	2.480"	2.047"
HSK63A-C3/4-110	HSK63A	KM3/4	0.125-0.750"	0.750"	4.331"	3.150"	2.047"
HSK63A-C1-100	HSK63A	KM1	0.125-1.000"	1.000"	3.937"	2.972"	2.362"
HSK63A-C1-130	HSK63A	KM1	0.125-1.000"	1.000"	5.118"	3.150"	2.362"
HSK63A-C1.1/4-110	HSK63A	KM1-1/4	0.187-1.250"	1.250"	4.331"	3.268"	2.717"
HSK63A-C1.1/4-130	HSK63A	KM1-1/4	0.187-1.250"	1.250"	5.118"	3.189"	2.717"
HSK63A-C32-130	HSK63A	KM32	3mm - 32mm	32mm	5.118"	4.055"	2.717"
HSK100A-C3/4-115	HSK100A	KM3/4	0.125-0.750"	0.750"	4.528"	3.150"	2.047"
HSK100A-C3/4-135	HSK100A	KM3/4	0.125-0.750"	0.750"	5.315"	3.150"	2.047"
HSK100A-C1-115	HSK100A	KM1	0.125-1.000"	1.000"	4.528"	3.150"	2.362"
HSK100A-C1-135	HSK100A	KM1	0.125-1.000"	1.000"	5.315"	3.150"	2.362"
HSK100A-C1.1/4-115	HSK100A	KM1-1/4	0.187-1.250"	1.250"	4.528"	3.268"	2.717"
HSK100A-C1.1/4-165	HSK100A	KM1-1/4	0.187-1.250"	1.250"	6.496"	3.189"	2.717"
HSK100A-C32-135	HSK100A	KM32	3mm - 32mm	32mm	5.315"	4.055"	2.717"
HSK100A-C2-125	HSK100A	KM2	1.000-2.000"	2.000"	4.921"	3.543"	4.134"

Note: Coolant tubes are not included.
Spanner Wrench not included.

MILLING CHUCK SPANNER WRENCHES

Part Number	Description
9HC22	3/4" Milling Chuck Spanner Wrench
9HC25	1" Milling Chuck Spanner Wrench
9HC32	1.1/4" Milling Chuck Spanner Wrench
9HC50	2" Milling Chuck Spanner Wrench
9HC32	32mm Milling Chuck Spanner Wrench

KM Collets (inch)



KM0750 INCH COLLETS

Part Number	Size
KM3/4-1/8	1/8"
KM3/4-3/16	3/16"
KM3/4-1/4	1/4"
KM3/4-5/16	5/16"
KM3/4-3/8	3/8"
KM3/4-7/16	7/16"
KM3/4-1/2	1/2"
KM3/4-9/16	9/16"
KM3/4-5/8	5/8"

KM1000 INCH COLLETS

Part Number	Size
KM1-1/8	1/8"
KM1-3/16	3/16"
KM1-1/4	1/4"
KM1-5/16	5/16"
KM1-3/8	3/8"
KM1-7/16	7/16"
KM1-1/2	1/2"
KM1-5/8	5/8"
KM1-3/4	3/4"
KM1-7/8	7/8"

KM1250 INCH COLLETS

Part Number	Size
KM1.1/4-3/16	3/16"
KM1.1/4-1/4	1/4"
KM1.1/4-5/16	5/16"
KM1.1/4-3/8	3/8"
KM1.1/4-7/16	7/16"
KM1.1/4-1/2	1/2"
KM1.1/4-9/16	9/16"
KM1.1/4-5/8	5/8"
KM1.1/4-3/4	3/4"
KM1.1/4-7/8	7/8"
KM1.1/4-1	1"

KM32 INCH COLLETS

Part Number	Size
KM32-3/16	3/16"
KM32-1/4	1/4"
KM32-5/16	5/16"
KM32-3/8	3/8"
KM32-7/16	7/16"
KM32-1/2	1/2"
KM32-9/16	9/16"
KM32-5/8	5/8"
KM32-3/4	3/4"
KM32-7/8	7/8"
KM32-1	1"

KM2000 INCH COLLETS

Part Number	Size
KM2-1	1"
KM2-1-1/4	1-1/4"
KM2-1-1/2	1-1/2"

KM Collets (metric)

KM0750 METRIC COLLETS

Part Number	Size
KM3/4-6	6mm
KM3/4-7	7mm
KM3/4-8	8mm
KM3/4-10	10mm
KM3/4-12	12mm
KM3/4-14	14mm
KM3/4-16	16mm



KM1000 METRIC COLLETS

Part Number	Size
KM1-6	6mm
KM1-8	8mm
KM1-10	10mm
KM1-12	12mm
KM1-14	14mm
KM1-16	16mm
KM1-18	18mm
KM1-20	20mm

KM32 METRIC COLLETS

Part Number	Size
KM32-6	6mm
KM32-8	8mm
KM32-10	10mm
KM32-12	12mm
KM32-14	14mm
KM32-16	16mm
KM32-20	20mm
KM32-25	25mm
KM32-26	26mm

KM1250 METRIC COLLETS

Part Number	Size
KM1.1/4-6	6mm
KM1.1/4-8	8mm
KM1.1/4-10	10mm
KM1.1/4-12	12mm
KM1.1/4-14	14mm
KM1.1/4-16	16mm
KM1.1/4-20	20mm
KM1.1/4-25	25mm

NK Collets Depth Adjustable (inch)



NK0750 INCH COLLETS

Part Number	Size
NK3/4-1/8	1/8"
NK3/4-3/16	3/16"
NK3/4-1/4	1/4"
NK3/4-5/16	5/16"
NK3/4-3/8	3/8"
NK3/4-7/16	7/16"
NK3/4-1/2	1/2"
NK3/4-9/16	9/16"
NK3/4-5/8	5/8"

NK1000 INCH COLLETS

Part Number	Size
NK1-1/8	1/8"
NK1-3/16	3/16"
NK1-1/4	1/4"
NK1-5/16	5/16"
NK1-3/8	3/8"
NK1-7/16	7/16"
NK1-1/2	1/2"
NK1-5/8	5/8"
NK1-3/4	3/4"
NK1-7/8	7/8"

NK1250 INCH COLLETS

Part Number	Size
NK1.1/4-3/16	3/16"
NK1.1/4-1/4	1/4"
NK1.1/4-5/16	5/16"
NK1.1/4-3/8	3/8"
NK1.1/4-7/16	7/16"
NK1.1/4-1/2	1/2"
NK1.1/4-9/16	9/16"
NK1.1/4-5/8	5/8"
NK1.1/4-3/4	3/4"
NK1.1/4-7/8	7/8"
NK1.1/4-1	1"

NK32 INCH COLLETS

Part Number	Size
NK32-3/16	3/16"
NK32-1/4	1/4"
NK32-5/16	5/16"
NK32-3/8	3/8"
NK32-7/16	7/16"
NK32-1/2	1/2"
NK32-9/16	9/16"
NK32-5/8	5/8"
NK32-3/4	3/4"
NK32-7/8	7/8"
NK32-1	1"

NK2000 INCH COLLETS

Part Number	Size
NK2-1	1"
NK2-1-1/4	1-1/4"
NK2-1-1/2	1-1/2"

NK Collets Depth Adjustable (metric)

NK0750 METRIC COLLETS

Part Number	Size
NK3/4-6	6mm
NK3/4-7	7mm
NK3/4-8	8mm
NK3/4-10	10mm
NK3/4-12	12mm
NK3/4-14	14mm
NK3/4-16	16mm



NK1000 METRIC COLLETS

Part Number	Size
NK1-6	6mm
NK1-8	8mm
NK1-10	10mm
NK1-12	12mm
NK1-14	14mm
NK1-16	16mm
NK1-18	18mm
NK1-20	20mm

NK32 METRIC COLLETS

Part Number	Size
NK32-6	6mm
NK32-8	8mm
NK32-10	10mm
NK32-12	12mm
NK32-14	14mm
NK32-16	16mm
NK32-20	20mm
NK32-25	25mm
NK32-26	26mm

NK1250 METRIC COLLETS

Part Number	Size
NK1.1/4-6	6mm
NK1.1/4-8	8mm
NK1.1/4-10	10mm
NK1.1/4-12	12mm
NK1.1/4-14	14mm
NK1.1/4-16	16mm
NK1.1/4-20	20mm
NK1.1/4-25	25mm

3/4 INCH COOLANT THRU ACCESSORIES



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

1 INCH COOLANT THRU ACCESSORIES

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

1.1/4 INCH COOLANT THRU ACCESSORIES

Size	Coolant Collet	Coolant-Thru Nut	Slotted Nut
3/16"	CCK1.1/4-3/16	CKFN1.1/4-3/16C	CKFN1.1/4-3/16
1/4"	CCK1.1/4-1/4	CKFN1.1/4-1/4C	CKFN1.1/4-1/4
5/16"	CCK1.1/4-5/16	CKFN1.1/4-5/16C	CKFN1.1/4-5/16
3/8"	CCK1.1/4-3/8	CKFN1.1/4-3/8C	CKFN1.1/4-3/8
7/16"	CCK1.1/4-7/16	CKFN1.1/4-7/16C	CKFN1.1/4-7/16
1/2"	CCK1.1/4-1/2	CKFN1.1/4-1/2C	CKFN1.1/4-1/2
9/16"	CCK1.1/4-9/16	CKFN1.1/4-9/16C	CKFN1.1/4-9/16
5/8"	CCK1.1/4-5/8	CKFN1.1/4-5/8C	CKFN1.1/4-5/8
3/4"	CCK1.1/4-3/4	CKFN1.1/4-3/4C	CKFN1.1/4-3/4
7/8"	CCK1.1/4-7/8	CKFN1.1/4-7/8C	CKFN1.1/4-7/8
1"	CCK1.1/4-1	CKFN1.1/4-1C	CKFN1.1/4-1
6mm	CCK1.1/4-6	CKFN1.1/4-6C	CKFN1.1/4-6
8mm	CCK1.1/4-8	CKFN1.1/4-8C	CKFN1.1/4-8
10mm	CCK1.1/4-10	CKFN1.1/4-10C	CKFN1.1/4-10
12mm	CCK1.1/4-12	CKFN1.1/4-12C	CKFN1.1/4-12
14mm	CCK1.1/4-14	CKFN1.1/4-14C	CKFN1.1/4-14
16mm	CCK1.1/4-16	CKFN1.1/4-16C	CKFN1.1/4-16
20mm	CCK1.1/4-20	CKFN1.1/4-20C	CKFN1.1/4-20
25mm	CCK1.1/4-25	CKFN1.1/4-25C	CKFN1.1/4-25

2 INCH COOLANT THRU ACCESSORIES

Size	Coolant Collet	Coolant-Thru Nut	Slotted Nut
1"	CCK2-1	CKFN2-1C	CKFN2-1
1.1/4"	CCK2-1.1/4	CKFN2-1.1/4C	CKFN2-1.1/4
1.1/2"	CCK2-1.1/2	CKFN2-1.1/2C	CKFN2-1.1/2

32 MM COOLANT THRU ACCESSORIES

Size	Coolant Collet	Coolant-Thru Nut	Slotted Nut
3/16"	CCK32-3/16	CKFN32-3/16C	CKFN32-3/16
1/4"	CCK32-1/4	CKFN32-1/4C	CKFN32-1/4
5/16"	CCK32-5/16	CKFN32-5/16C	CKFN32-5/16
3/8"	CCK32-3/8	CKFN32-3/8C	CKFN32-3/8
7/16"	CCK32-7/16	CKFN32-7/16C	CKFN32-7/16
1/2"	CCK32-1/2	CKFN32-1/2C	CKFN32-1/2
9/16"	CCK32-9/16	CKFN32-9/16C	CKFN32-9/16
5/8"	CCK32-5/8	CKFN32-5/8C	CKFN32-5/8
3/4"	CCK32-3/4	CKFN32-3/4C	CKFN32-3/4
7/8"	CCK32-7/8	CKFN32-7/8C	CKFN32-7/8
1"	CCK32-1	CKFN32-1C	CKFN32-1
6mm	CCK32-6	CKFN32-6C	CKFN32-6
8mm	CCK32-8	CKFN32-8C	CKFN32-8
10mm	CCK32-10	CKFN32-10C	CKFN32-10
12mm	CCK32-12	CKFN32-12C	CKFN32-12
14mm	CCK32-14	CKFN32-14C	CKFN32-14
16mm	CCK32-16	CKFN32-16C	CKFN32-16
20mm	CCK32-20	CKFN32-20C	CKFN32-20
25mm	CCK32-25	CKFN32-25C	CKFN32-25

END MILL HOLDERS

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

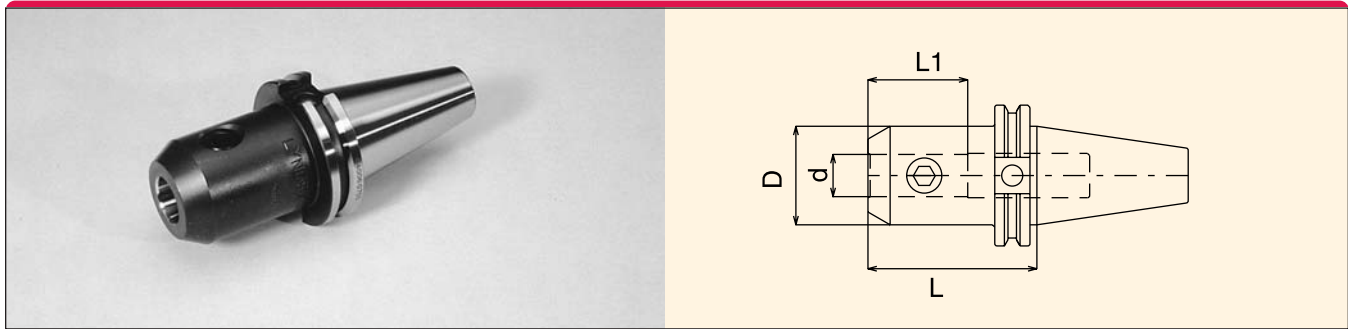
COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

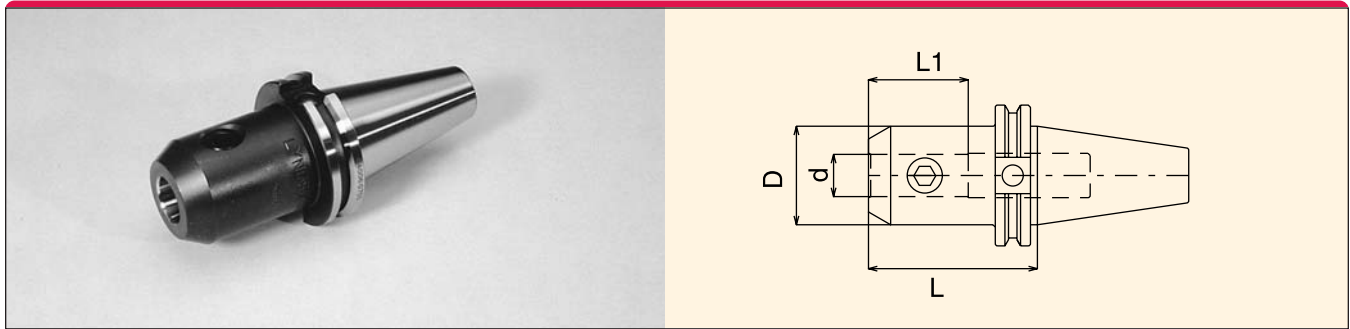
STUB, BORING, BLANK

CT40 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
C40S6-0125	CT40	1/8"	1.38"	0.74"	0.75"	6-32X1/4
C4006-0125	CT40	1/8"	2.36"	0.63"	0.75"	6-32X1/4
C4016-0125	CT40	1/8"	4.00"	0.63"	0.75"	6-32X1/4
C40S6-0187	CT40	3/16"	1.38"	0.94"	0.75"	8-32X1/4
C4006-0187	CT40	3/16"	2.50"	0.86"	0.75"	8-32X1/4
C4016-0187	CT40	3/16"	4.00"	0.86"	0.75"	8-32X1/4
C40S6-0250	CT40	1/4"	1.38"	1.18"	0.79"	1/4-28X1/4
C4006-0250	CT40	1/4"	2.50"	1.10"	0.79"	1/4-28X1/4
C4016-0250	CT40	1/4"	4.00"	1.10"	0.79"	1/4-28X1/4
C40S6-0312	CT40	5/16"	1.38"	1.34"	0.87"	5/16-24X1/4
C4006-0312	CT40	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
C4016-0312	CT40	5/16"	4.00"	1.26"	0.87"	5/16-24X1/4
C40S6-0375	CT40	3/8"	1.38"	1.34"	1.00"	3/8-24X5/16
C4006-0375	CT40	3/8"	2.50"	1.26"	1.00"	3/8-24X5/16
C4016-0375	CT40	3/8"	4.00"	1.26"	1.00"	3/8-24X5/16
C4026-0375	CT40	3/8"	5.00"	1.26"	1.00"	3/8-24X5/16
C4006-0437	CT40	7/16"	2.50"	1.50"	1.38"	7/16-20X3/8
C4016-0437	CT40	7/16"	4.00"	1.50"	1.38"	7/16-20X3/8
C40S6-0500	CT40	1/2"	1.75"	1.50"	1.38"	7/16-20X3/8
C4006-0500	CT40	1/2"	2.50"	1.50"	1.38"	7/16-20X3/8
C4016-0500	CT40	1/2"	4.00"	1.50"	1.38"	7/16-20X3/8
C4026-0500	CT40	1/2"	5.00"	1.50"	1.38"	7/16-20X3/8
C40S6-0625	CT40	5/8"	1.75"	1.61"	1.65"	9/16-18X1/2
C4006-0625	CT40	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
C4016-0625	CT40	5/8"	4.00"	1.61"	1.65"	9/16-18X1/2
C4026-0625	CT40	5/8"	5.50"	1.61"	1.65"	9/16-18X1/2
C40S6-0750	CT40	3/4"	1.75"	1.77"	1.89"	5/8-18X1/2
C4006-0750	CT40	3/4"	3.00"	1.77"	1.75"	5/8-18X1/2
C4016-0750	CT40	3/4"	4.00"	1.77"	1.75"	5/8-18X1/2
C4026-0750	CT40	3/4"	5.50"	1.77"	1.75"	5/8-18X1/2
C40S6-0875	CT40	7/8"	1.75"	2.08"	1.94"	5/8-18X1/2
C4006-0875	CT40	7/8"	3.50"	2.08"	2.00"	5/8-18X1/2 (2)
C4016-0875	CT40	7/8"	6.00"	2.08"	2.00"	5/8-18X1/2 (2)
C40S6-1000	CT40	1"	2.00"	2.36"	2.25"	3/4-16X11/16
C4006-1000	CT40	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C4016-1000	CT40	1"	6.00"	2.36"	2.36"	3/4-16X11/16 (2)
C40S6-1250	CT40	1-1/4"	2.00"	2.28"	2.25"	3/4-16X11/16
C4006-1250	CT40	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C4016-1250	CT40	1-1/4"	6.00"	2.55"	2.48"	3/4-16X11/16 (2)
C4006-1500	CT40	1-1/2"	4.50"	2.55"	2.99"	3/4-16X11/16 (2)
C4016-1500	CT40	1-1/2"	6.00"	2.83"	2.99"	3/4-16X11/16 (2)

CT40 END MILL HOLDERS (METRIC)



Part Number	Taper	d	L	L1	D	Set Screw
C4006-6	CT40	6mm	2.50"	1.10"	0.78"	1/4-28X1/4
C4006-8	CT40	8mm	2.50"	1.25"	0.87"	5/16-24X1/4
C4006-10	CT40	10mm	2.50"	1.25"	1.00"	3/8-24X5/16
C4006-12	CT40	12mm	2.50"	1.50"	1.38"	7/16-20X3/8
C4006-14	CT40	14mm	3.00"	1.61"	1.65"	9/16-18X1/2
C4006-16	CT40	16mm	3.00"	1.61"	1.65"	9/16-18X1/2
C4006-18	CT40	18mm	3.00"	1.77"	1.75"	5/8-18x1/2
C4006-20	CT40	20mm	3.00"	1.77"	1.75"	5/8-18x1/2
C4006-25	CT40	25mm	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C4006-32	CT40	32mm	4.00"	2.36"	2.48"	3/4-16X11/16 (2)

Note: End Mill Holders come equipped with set screws.

hsBALANCE™ End Mill Holders

For high speed applications, refer to the hsBALANCE™ section in the Advanced Product Catalog

END MILL HOLDERS

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

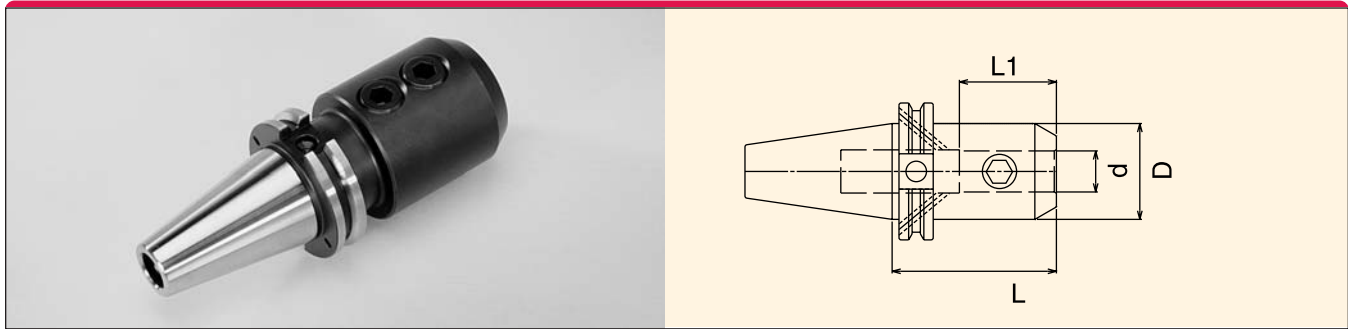
COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

CT40 END MILL HOLDERS - DIN



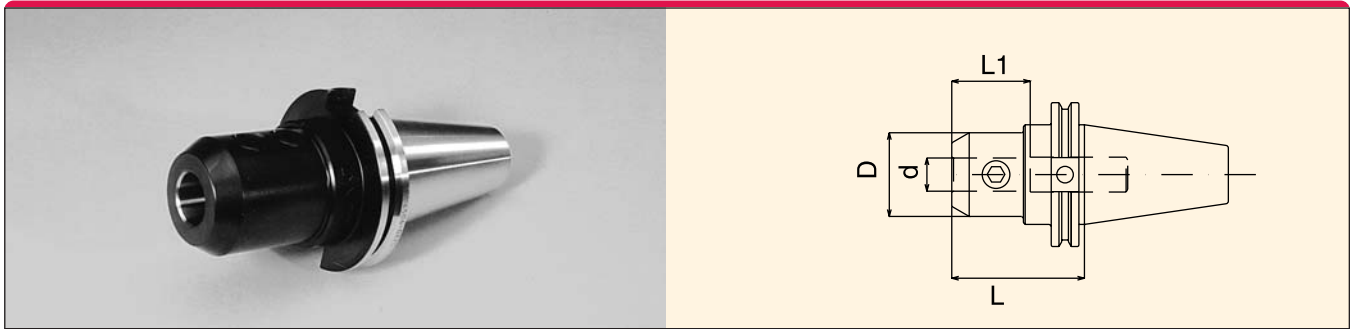
Part Number	Taper	d	L	L1	D	Set Screw
C4006-0125DIN	CT40	1/8"	2.36"	0.63"	0.75"	6-32X1/4
C4016-0125DIN	CT40	1/8"	4.00"	0.63"	0.75"	6-32X1/4
C4006-0187DIN	CT40	3/16"	2.50"	0.86"	0.75"	8-32X1/4
C4016-0187DIN	CT40	3/16"	4.00"	0.86"	0.75"	8-32X1/4
C4006-0250DIN	CT40	1/4"	2.50"	1.10"	0.79"	1/4-28X1/4
C4016-0250DIN	CT40	1/4"	4.00"	1.10"	0.79"	1/4-28X1/4
C4006-0312DIN	CT40	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
C4016-0312DIN	CT40	5/16"	4.00"	1.26"	0.87"	5/16-24X1/4
C4006-0375DIN	CT40	3/8"	2.50"	1.26"	1.00"	3/8-24X5/16
C4016-0375DIN	CT40	3/8"	4.00"	1.26"	1.00"	3/8-24X5/16
C4006-0437DIN	CT40	7/16"	2.50"	1.50"	1.38"	7/16-20X3/8
C4016-0437DIN	CT40	7/16"	4.00"	1.50"	1.38"	7/16-20X3/8
C4006-0500DIN	CT40	1/2"	2.50"	1.50"	1.38"	7/16-20X3/8
C4016-0500DIN	CT40	1/2"	4.00"	1.50"	1.38"	7/16-20X3/8
C4006-0625DIN	CT40	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
C4016-0625DIN	CT40	5/8"	4.50"	1.61"	1.65"	9/16-18X1/2
C4006-0750DIN	CT40	3/4"	3.00"	1.77"	1.75"	5/8-18X1/2
C4016-0750DIN	CT40	3/4"	4.50"	1.77"	1.75"	5/8-18X1/2
C4006-0875DIN	CT40	7/8"	3.50"	2.08"	2.00"	5/8-18X1/2 (2)
C4016-0875DIN	CT40	7/8"	5.00"	2.08"	2.00"	5/8-18X1/2 (2)
C4006-1000DIN	CT40	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C4016-1000DIN	CT40	1"	5.50"	2.36"	2.36"	3/4-16X11/16 (2)
C4006-1250DIN	CT40	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C4016-1250DIN	CT40	1-1/4"	5.50"	2.55"	2.48"	3/4-16X11/16 (2)
C4006-1500DIN	CT40	1-1/2"	4.50"	2.60"	2.99"	3/4-16X11/16 (2)
C4016-1500DIN	CT40	1-1/2"	6.00"	2.60"	2.99"	3/4-16X11/16 (2)

CT40 END MILL HOLDERS (METRIC) - DIN

Part Number	Taper	d	L	L1	D	Set Screw
C4006-6DIN	CT40	6mm	2.50"	1.10"	0.78"	1/4-28X1/4
C4006-8DIN	CT40	8mm	2.50"	1.25"	0.87"	5/16-24X1/4
C4006-10DIN	CT40	10mm	2.50"	1.25"	1.00"	3/8-24X5/16
C4006-12DIN	CT40	12mm	2.50"	1.50"	1.38"	7/16-20X3/8
C4006-14DIN	CT40	14mm	3.00"	1.61"	1.65"	9/16-18X1/2
C4006-16DIN	CT40	16mm	3.00"	1.61"	1.65"	9/16-18X1/2
C4006-18DIN	CT40	18mm	3.00"	1.77"	1.75"	5/8-18x1/2
C4006-20DIN	CT40	20mm	3.00"	1.77"	1.75"	5/8-18x1/2
C4006-25DIN	CT40	25mm	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C4006-32DIN	CT40	32mm	4.00"	2.36"	2.48"	3/4-16X11/16 (2)

Note: "DIN" designates suitability for coolant through the flange per DIN 69871 Form B specs.

CT45 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
C4506-0125	CT45	1/8"	2.36"	0.63"	0.75"	6-32X1/4
C4506-0187	CT45	3/16"	2.50"	0.87"	0.75"	8-32X1/4
C4506-0250	CT45	1/4"	2.50"	1.10"	0.78"	1/4-28X1/4
C4506-0312	CT45	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
C4506-0375	CT45	3/8"	2.50"	1.26"	1.00"	3/8-24X5/16
C4506-0500	CT45	1/2"	2.50"	1.50"	1.38"	7/16-20X3/8
C4506-0625	CT45	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
C4506-0750	CT45	3/4"	3.00"	1.77"	1.89"	5/8-18X1/2
C4506-0875	CT45	7/8"	3.50"	2.08"	2.00"	5/8-18X1/2(2)
C4506-1000	CT45	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C4506-1250	CT45	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C4506-1500	CT45	1-1/2"	4.50"	2.83"	2.99"	3/4-16X11/16 (2)
C4506-2000	CT45	2"	5.50"	3.34"	3.74"	1" -14X7/8 (2)

Note: End Mill Holders come equipped with set screws.

END MILL HOLDERS

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

CT50 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
C50S6-0250	CT50	1/4"	1.38"	1.10"	0.79"	1/4-28X1/4
C5006-0250	CT50	1/4"	2.50"	1.10"	0.79"	1/4-28X1/4
C5016-0250	CT50	1/4"	4.00"	1.10"	0.79"	1/4-28X1/4
C5026-0250	CT50	1/4"	6.00"	1.10"	0.79"	1/4-28X1/4
C5036-0250	CT50	1/4"	8.00"	1.10"	0.79"	1/4-28X1/4
C5006-0312	CT50	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
C5016-0312	CT50	5/16"	4.00"	1.26"	0.87"	5/16-24X1/4
C5026-0312	CT50	5/16"	6.00"	1.26"	0.87"	5/16-24X1/4
C50S6-0375	CT50	3/8"	1.38"	1.26"	1.00"	3/8-24X5/16
C5006-0375	CT50	3/8"	2.50"	1.26"	1.00"	3/8-24X5/16
C5016-0375	CT50	3/8"	4.00"	1.26"	1.00"	3/8-24X5/16
C5026-0375	CT50	3/8"	6.00"	1.26"	1.00"	3/8-24X5/16
C5036-0375	CT50	3/8"	8.00"	1.26"	1.00"	3/8-24X5/16
C5006-0437	CT50	7/16"	2.50"	1.50"	1.38"	7/16-20X3/8
C5016-0437	CT50	7/16"	4.00"	1.50"	1.38"	7/16-20X3/8
C5026-0437	CT50	7/16"	6.00"	1.53"	1.38"	7/16-20X3/8
C5036-0437	CT50	7/16"	8.00"	1.48"	1.38"	7/16-20X3/8
C50S6-0500	CT50	1/2"	1.75"	1.50"	1.38"	7/16-20X3/8
C5006-0500	CT50	1/2"	2.63"	1.50"	1.38"	7/16-20X3/8
C5016-0500	CT50	1/2"	4.00"	1.50"	1.38"	7/16-20X3/8
C5026-0500	CT50	1/2"	6.00"	1.50"	1.38"	7/16-20X3/8
C5036-0500	CT50	1/2"	8.00"	1.48"	1.38"	7/16-20X3/8
C50S6-0625	CT50	5/8"	1.75"	1.61"	1.65"	9/16-18X1/2
C5006-0625	CT50	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
C5016-0625	CT50	5/8"	4.00"	1.61"	1.65"	9/16-18X1/2
C5026-0625	CT50	5/8"	6.00"	1.61"	1.65"	9/16-18X1/2
C5036-0625	CT50	5/8"	8.00"	1.57"	1.65"	9/16-18X1/2
C50S6-0750	CT50	3/4"	1.75"	1.77"	1.89"	5/8-18X1/2
C5006-0750	CT50	3/4"	3.00"	1.77"	1.89"	5/8-18X1/2
C5016-0750	CT50	3/4"	4.00"	1.77"	1.89"	5/8-18X1/2
C5026-0750	CT50	3/4"	6.00"	1.77"	1.89"	5/8-18X1/2
C5036-0750	CT50	3/4"	8.00"	1.76"	1.89"	5/8-18X1/2
C50S6-0875	CT50	7/8"	1.75"	2.08"	2.00"	5/8-18X1/2
C5006-0875	CT50	7/8"	3.75"	2.08"	2.00"	5/8-18X1/2 (2)
C5016-0875	CT50	7/8"	6.00"	2.08"	2.00"	5/8-18X1/2 (2)
C50S6-1000	CT50	1"	2.00"	2.36"	2.36"	3/4-16X11/16
C5006-1000	CT50	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5016-1000	CT50	1"	6.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5026-1000	CT50	1"	8.00"	2.36"	2.36"	3/4-16X11/16 (2)
C50S6-1250	CT50	1-1/4"	2.00"	2.55"	2.75"	3/4-16X11/16
C5006-1250	CT50	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16 (2)

CT50 END MILL HOLDERS (cont.)

Part Number	Taper	d	L	L1	D	Set Screw
C5016-1250	CT50	1-1/4"	6.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5026-1250	CT50	1-1/4"	8.00"	2.55"	2.48"	3/4-16X11/16 (2)
C50S6-1500	CT50	1-1/2"	2.25"	2.83"	2.75"	3/4-16X11/16
C5006-1500	CT50	1-1/2"	4.50"	2.83"	2.99"	3/4-16X11/16 (2)
C5016-1500	CT50	1-1/2"	7.00"	2.83"	2.99"	3/4-16X11/16 (2)
C5026-1500	CT50	1-1/2"	9.00"	2.83"	2.99"	3/4-16X11/16 (2)
C50S6-2000	CT50	2"	3.63"	3.34"	3.74"	1" -14X7/8 (2)
C5006-2000	CT50	2"	5.37"	3.34"	3.74"	1" -14X7/8 (2)
C5016-2000	CT50	2"	8.00"	3.34"	3.74"	1" -14X7/8 (2)
C5026-2000	CT50	2"	10.00"	3.34"	3.74"	1" -14X7/8 (2)
C5006-2500	CT50	2-1/2"	6.00"	3.66"	4.25"	1" -14X7/8 (2)

CT50 END MILL HOLDERS (METRIC)



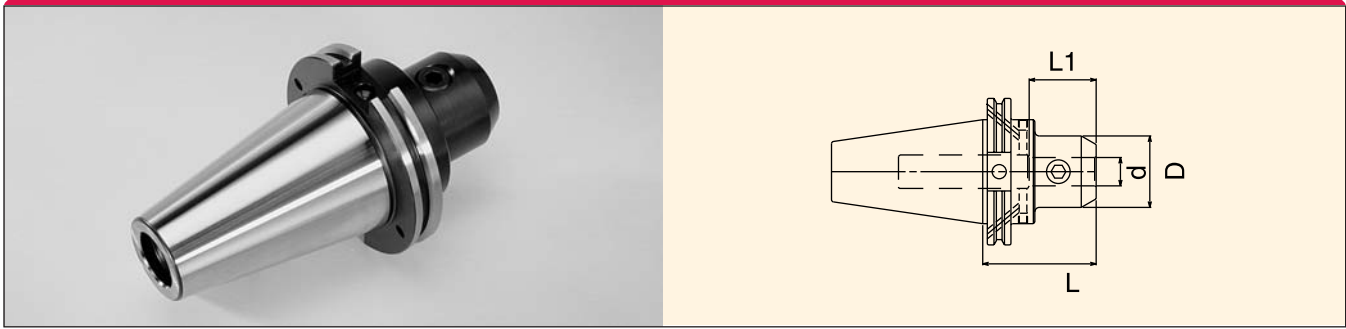
Part Number	Taper	d	L	L1	D	Set Screw
C5006-6	CT50	6mm	2.50"	1.10"	0.79"	1/4-28X1/4
C5006-8	CT50	8mm	2.50"	1.10"	0.87"	5/16-24X1/4
C5006-10	CT50	10mm	2.50"	1.26"	1.00"	3/8-24X5/16
C5006-12	CT50	12mm	2.63"	1.50"	1.38"	7/16-20X3/8
C5006-14	CT50	14mm	3.00"	1.61"	1.65"	9/16-18X1/2
C5006-16	CT50	16mm	3.00"	1.61"	1.65"	9/16-18X1/2
C5006-18	CT50	18mm	3.00"	1.77"	1.89"	5/8-18X1/2
C5006-20	CT50	20mm	3.00"	1.77"	1.89"	5/8-18X1/2
C5006-25	CT50	25mm	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5006-32	CT50	32mm	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5006-40	CT50	40mm	4.50"	2.95"	3.07"	3/4-16X11/16 (2)
C5006-42	CT50	42mm	4.50"	2.83"	3.07"	3/4-16X11/16 (2)
C5006-50	CT50	50mm	5.37"	3.35"	3.74"	1" -14X7/8 (2)

Note: End Mill Holders come equipped with set screws.

hsBALANCE™ End Mill Holders

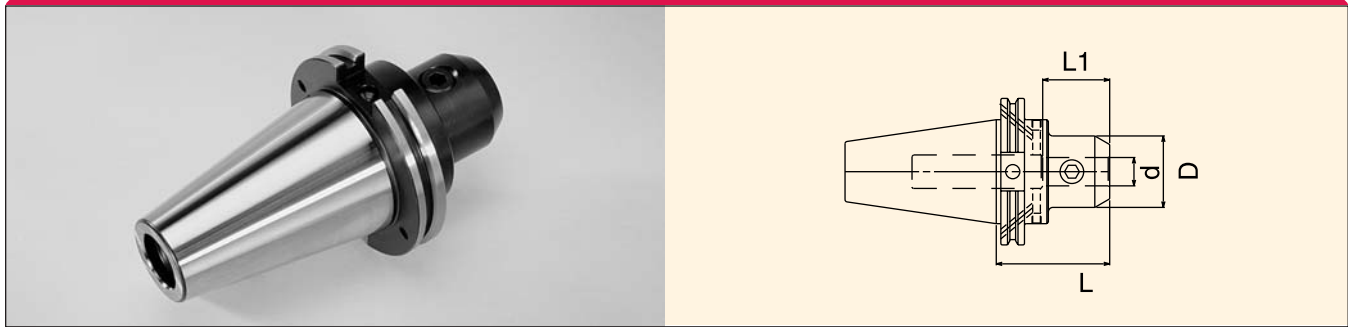
For high speed applications, refer to the hsBALANCE™ section in the Advanced Product Catalog

CT50 END MILL HOLDERS - DIN



Part Number	Taper	d	L	L1	D	Set Screw
C5006-0250DIN	CT50	1/4"	2.50"	1.10"	0.79"	1/4-28X1/4
C5016-0250DIN	CT50	1/4"	4.00"	1.10"	0.79"	1/4-28X1/4
C5026-0250DIN	CT50	1/4"	6.00"	1.10"	0.79"	1/4-28X1/4
C5006-0312DIN	CT50	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
C5016-0312DIN	CT50	5/16"	4.00"	1.30"	0.87"	5/16-24X1/4
C5026-0312DIN	CT50	5/16"	6.00"	1.30"	0.87"	5/16-24X1/4
C5006-0375DIN	CT50	3/8"	2.50"	1.26"	1.00"	3/8-24X5/16
C5016-0375DIN	CT50	3/8"	4.00"	1.26"	1.00"	3/8-24X5/16
C5026-0375DIN	CT50	3/8"	6.00"	1.26"	1.00"	3/8-24X5/16
C5006-0437DIN	CT50	7/16"	2.50"	1.50"	1.38"	7/16-20X3/8
C5016-0437DIN	CT50	7/16"	4.00"	1.50"	1.38"	7/16-20X3/8
C5026-0437DIN	CT50	7/16"	6.00"	1.53"	1.38"	7/16-20X3/8
C5006-0500DIN	CT50	1/2"	2.63"	1.50"	1.38"	7/16-20X3/8
C5016-0500DIN	CT50	1/2"	4.00"	1.50"	1.38"	7/16-20X3/8
C5026-0500DIN	CT50	1/2"	6.00"	1.50"	1.38"	7/16-20X3/8
C5006-0625DIN	CT50	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
C5016-0625DIN	CT50	5/8"	4.00"	1.61"	1.65"	9/16-18X1/2
C5026-0625DIN	CT50	5/8"	6.00"	1.61"	1.65"	9/16-18X1/2
C5006-0750DIN	CT50	3/4"	3.00"	1.77"	1.89"	5/8-18X1/2
C5016-0750DIN	CT50	3/4"	4.00"	1.77"	1.89"	5/8-18X1/2
C5026-0750DIN	CT50	3/4"	6.00"	1.77"	1.89"	5/8-18X1/2
C5006-0875DIN	CT50	7/8"	3.75"	2.08"	2.00"	5/8-18X1/2 (2)
C5016-0875DIN	CT50	7/8"	6.00"	2.08"	2.00"	5/8-18X1/2 (2)
C5026-0875DIN	CT50	7/8"	8.00"	2.08"	2.00"	5/8-18X1/2 (2)
C5006-1000DIN	CT50	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5016-1000DIN	CT50	1"	6.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5026-1000DIN	CT50	1"	8.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5006-1250DIN	CT50	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5016-1250DIN	CT50	1-1/4"	6.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5026-1250DIN	CT50	1-1/4"	8.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5006-1500DIN	CT50	1-1/2"	4.50"	2.75"	2.99"	3/4-16X11/16 (2)
C5016-1500DIN	CT50	1-1/2"	7.00"	2.75"	2.99"	3/4-16X11/16 (2)
C5026-1500DIN	CT50	1-1/2"	9.00"	2.75"	2.99"	3/4-16X11/16 (2)
C5006-2000DIN	CT50	2"	5.37"	3.34"	3.74"	1" -14X7/8 (2)
C5006-2500DIN	CT50	2-1/2"	6.00"	3.66"	4.25"	1" -14X7/8 (2)

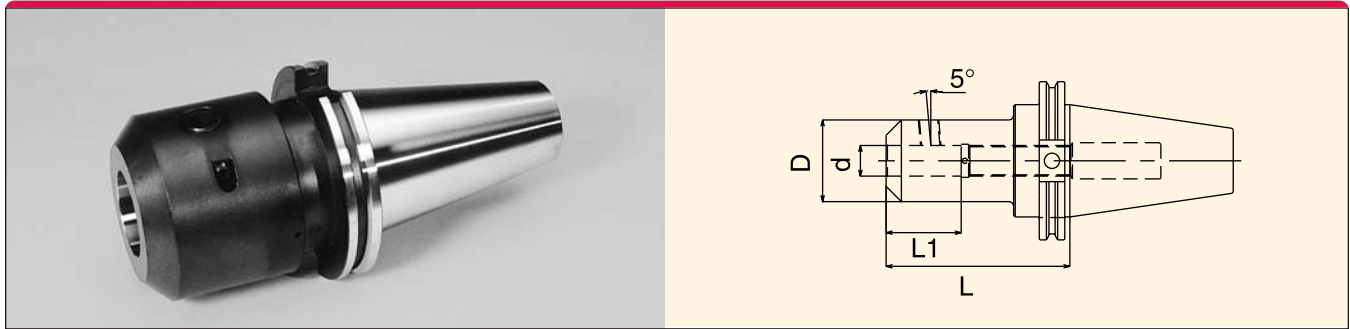
CT50 END MILL HOLDERS (METRIC) - DIN



Part Number	Taper	d	L	L1	D	Set Screw
C5006-6DIN	CT50	6mm	2.50"	1.10"	0.79"	1/4-28X1/4
C5006-8DIN	CT50	8mm	2.50"	1.10"	0.87"	5/16-24X1/4
C5006-10DIN	CT50	10mm	2.50"	1.26"	1.00"	3/8-24X5/16
C5006-12DIN	CT50	12mm	2.63"	1.50"	1.38"	7/16-20X3/8
C5006-14DIN	CT50	14mm	3.00"	1.61"	1.65"	9/16-18X1/2
C5006-16DIN	CT50	16mm	3.00"	1.61"	1.65"	9/16-18X1/2
C5006-18DIN	CT50	18mm	3.00"	1.77"	1.89"	5/8-18X1/2
C5006-20DIN	CT50	20mm	3.00"	1.77"	1.89"	5/8-18X1/2
C5006-25DIN	CT50	25mm	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5006-32DIN	CT50	32mm	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
C5006-40DIN	CT50	40mm	4.50"	2.76"	3.07"	3/4-16X11/16 (2)
C5006-42DIN	CT50	42mm	4.50"	2.76"	3.07"	3/4-16X11/16 (2)
C5006-50DIN	CT50	50mm	5.37"	3.35"	3.74"	1-14X7/8 (2)

Note: "DIN" designates suitability for coolant through the flange per DIN 69871 Form B specs.
End Mill Holders come equipped with set screws.

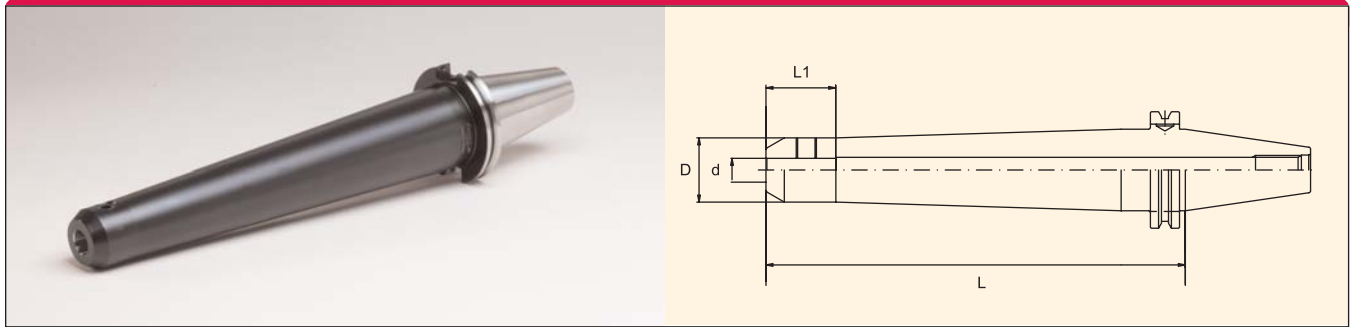
CT50 AEROSPACE END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
C5006-0375A	CT50	3/8"	2.82"	1.52"	1.37"	3/8-24UNF
C5016-0375A	CT50	3/8"	4.69"	1.52"	1.37"	3/8-24UNF
C5026-0375A	CT50	3/8"	6.69"	1.52"	1.37"	3/8-24UNF
C5006-0500A	CT50	1/2"	2.73"	1.68"	1.63"	3/8-24UNF
C5016-0500A	CT50	1/2"	4.60"	1.68"	1.63"	3/8-24UNF
C5026-0500A	CT50	1/2"	6.60"	1.68"	1.63"	3/8-24UNF
C5006-0625A	CT50	5/8"	2.66"	1.74"	1.81"	1/2-20UNF
C5016-0625A	CT50	5/8"	4.53"	1.74"	1.81"	1/2-20UNF
C5026-0625A	CT50	5/8"	6.53"	1.74"	1.81"	1/2-20UNF
C5006-0750A	CT50	3/4"	2.63"	2.01"	2.00"	1/2-20UNF
C5016-0750A	CT50	3/4"	4.50"	2.01"	2.00"	1/2-20UNF
C5026-0750A	CT50	3/4"	6.50"	2.01"	2.00"	1/2-20UNF
C5006-0875A	CT50	7/8"	2.63"	2.01"	2.25"	1/2-20UNF
C5016-0875A	CT50	7/8"	4.50"	2.01"	2.25"	1/2-20UNF
C5026-0875A	CT50	7/8"	6.50"	2.01"	2.25"	1/2-20UNF
C5006-1000A	CT50	1"	3.00"	2.27"	2.63"	3/4-16UNF
C5016-1000A	CT50	1"	4.50"	2.27"	2.63"	3/4-16UNF
C5026-1000A	CT50	1"	6.50"	2.27"	2.63"	3/4-16UNF
C5006-1250A	CT50	1-1/4"	3.00"	2.27"	2.87"	3/4-16UNF
C5016-1250A	CT50	1-1/4"	4.50"	2.27"	2.87"	3/4-16UNF
C5026-1250A	CT50	1-1/4"	6.50"	2.27"	2.87"	3/4-16UNF
C5006-1500A	CT50	1-1/2"	4.00"	2.27"	3.25"	3/4-16UNF
C5006-2000A	CT50	2"	5.35"	3.38"	4.00"	3/4-16UNF(2)
C5016-2000A	CT50	2"	7.35"	3.38"	4.00"	3/4-16UNF(2)
C5006-2500A	CT50	2-1/2"	5.35"	3.38"	5.00"	3/4-16UNF(2)
C5016-2500A	CT50	2-1/2"	7.35"	3.38"	5.00"	3/4-16UNF(2)

Note: Lyndex Aerospace End Mill Holders accept end mills with a 5° angled flat shank (per NAS 987).
End Mill Holders come equipped with set screws.

NEW EXTENDED LENGTH END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
C4046-0250	CT40	1/4"	9.00"	1.10"	.79"	1/4-28X1/4
C4046-0375	CT40	3/8"	9.00"	1.26"	1.00"	3/8-24X5/16
C4046-0500	CT40	1/2"	9.00"	1.50"	1.38"	7/16-20X3/8
C4046-0625	CT40	5/8"	9.00"	1.61"	1.65"	9/16-18X1/2
C4046-0750	CT40	3/4"	9.00"	1.77"	1.75"	5/8-18X1/2
C4046-0875	CT40	7/8"	9.00"	2.08"	2.00"	5/8-18X1/2 (2)
C4046-1000	CT40	1"	9.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5066-0375	CT50	3/8"	15.00"	1.26"	1.00"	3/8-24X5/16
C5066-0500	CT50	1/2"	15.00"	1.48"	1.38"	7/16-20X3/8
C5066-0625	CT50	5/8"	15.00"	1.56"	1.65"	9/16-18X1/2
C5066-0750	CT50	3/4"	15.00"	1.76"	1.89"	5/8-18X1/2
C5066-0875	CT50	7/8"	15.00"	2.08"	2.00"	5/8-18X1/2 (2)
C5066-1000	CT50	1"	15.00"	2.36"	2.36"	3/4-16X11/16 (2)
C5066-1250	CT50	1-1/4"	15.00"	2.55"	2.48"	3/4-16X11/16 (2)

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

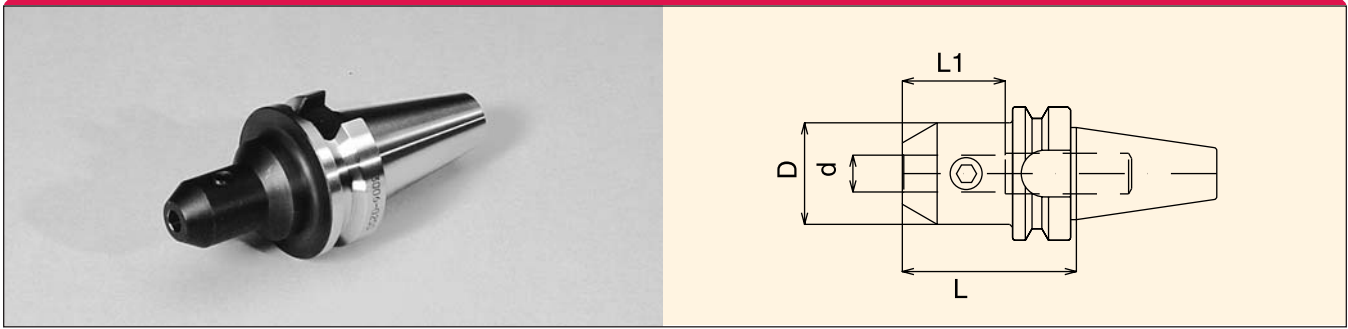
COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

BT30 END MILL HOLDERS



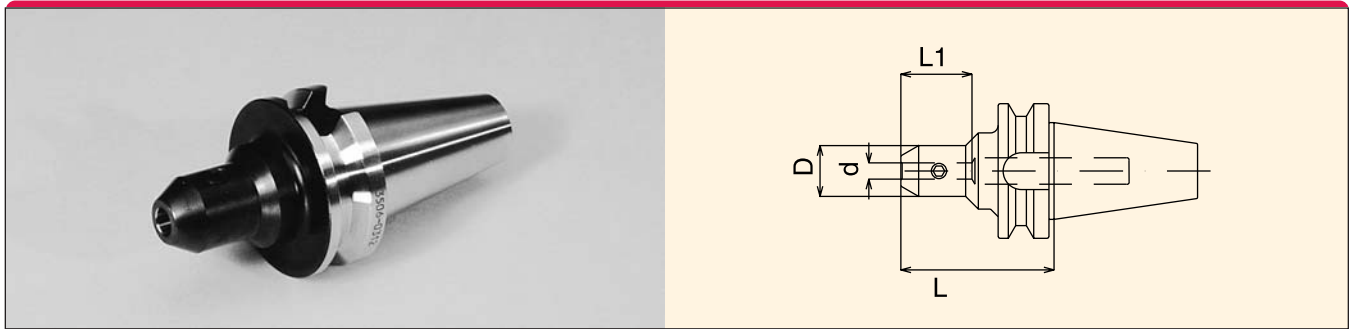
Part Number	Taper	d	L	L1	D	Set Screw
B3006-0125	BT30	1/8"	2.36"	0.63"	0.75"	6-32X1/4
B3006-0187	BT30	3/16"	2.36"	0.87"	0.75"	8-32X1/4
B3006-0250	BT30	1/4"	2.36"	1.10"	0.79"	1/4-28X1/4
B3006-0312	BT30	5/16"	2.36"	1.26"	0.87"	5/16-24X1/4
B3006-0375	BT30	3/8"	2.36"	1.26"	1.00"	3/8-24X5/16
B3006-0437	BT30	7/16"	2.36"	1.50"	1.38"	7/16-20X3/8
B3006-0500	BT30	1/2"	2.36"	1.50"	1.38"	7/16-20X3/8
B3006-0625	BT30	5/8"	2.50"	1.61"	1.65"	9/16-18X1/2
B3006-0750	BT30	3/4"	3.00"	1.77"	1.88"	5/8-18X1/2
B3006-0875	BT30	7/8"	3.54"	2.09"	2.00"	5/8-18X1/2 (2)
B3006-1000	BT30	1"	3.54"	2.36"	2.36"	3/4-16X11/16 (2)

BT30 END MILL HOLDERS (METRIC)

Part Number	Taper	d	L	L1	D	Set Screw
B3006-6	BT30	6mm	2.50"	1.10"	0.79"	1/4-28X1/4
B3006-8	BT30	8mm	2.50"	1.26"	0.87"	5/16-24X1/4
B3006-10	BT30	10mm	2.50"	1.26"	1.00"	3/8-24X5/16
B3006-12	BT30	12mm	2.50"	1.50"	1.38"	7/16-20X3/8
B3006-14	BT30	14mm	2.50"	1.61"	1.65"	9/16-18X1/2
B3006-16	BT30	16mm	2.50"	1.61"	1.65"	9/16-18X1/2
B3006-18	BT30	18mm	3.50"	1.65"	1.89"	5/8-18X1/2
B3006-20	BT30	20mm	3.50"	1.65"	1.89"	5/8-18X1/2
B3006-25	BT30	25mm	3.50"	2.36"	2.36"	3/4-16X11/16(2)

Note: End Mill Holders come equipped with set screws.

BT35 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
B3506-0125	BT35	1/8"	2.36"	0.63"	0.75"	6-32X1/4
B3506-0187	BT35	3/16"	2.38"	0.87"	0.75"	8-32X1/4
B3506-0250	BT35	1/4"	2.38"	1.10"	0.79"	1/4-28X1/4
B3506-0312	BT35	5/16"	2.38"	1.26"	0.87"	5/16-24X1/4
B3506-0375	BT35	3/8"	2.38"	1.26"	1.00"	3/8-24X5/16
B3506-0437	BT35	7/16"	2.38"	1.50"	1.38"	7/16-20X3/8
B3506-0500	BT35	1/2"	2.38"	1.50"	1.38"	7/16-20X3/8
B3506-0625	BT35	5/8"	2.50"	1.61"	1.65"	9/16-18X1/2
B3506-0750	BT35	3/4"	2.50"	1.77"	1.89"	5/8-18X1/2
B3506-0875	BT35	7/8"	3.50"	2.09"	2.00"	5/8-18X1/2 (2)
B3506-1000	BT35	1"	3.50"	2.36"	2.36"	3/4-16X11/16 (2)
B3506-1250	BT35	1-1/4"	3.50"	2.24"	2.48"	3/4-16X11/16 (2)

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

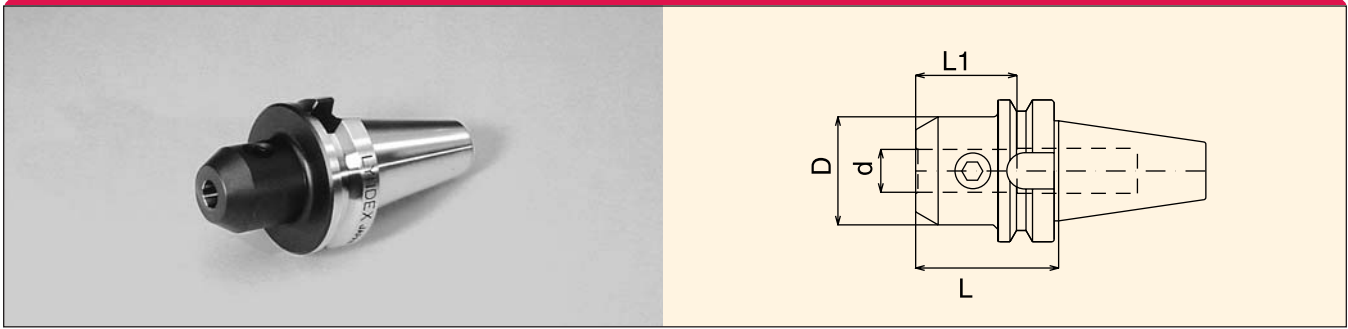
COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

BT40 END MILL HOLDERS



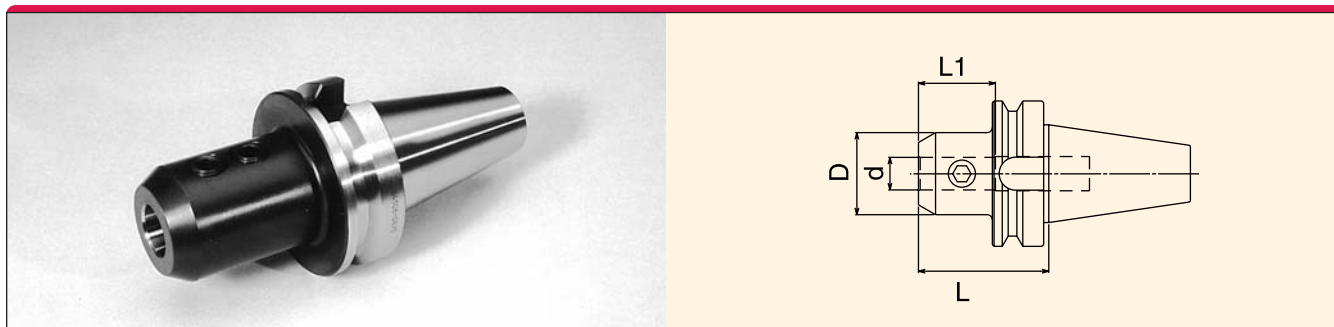
Part Number	Taper	d	L	L1	D	Set Screw
B40S6-0125	BT40	1/8"	1.38"	0.78"	0.75"	6-32X1/4
B4006-0125	BT40	1/8"	2.36"	0.63"	0.75"	6-32X1/4
B4016-0125	BT40	1/8"	4.00"	0.63"	0.75"	6-32X1/4
B40S6-0187	BT40	3/16"	1.38"	0.98"	0.75"	8-32X1/4
B4006-0187	BT40	3/16"	2.50"	0.86"	0.75"	8-32X1/4
B4016-0187	BT40	3/16"	4.00"	0.86"	0.75"	8-32X1/4
B40S6-0250	BT40	1/4"	1.38"	1.18"	0.79"	1/4-28X1/4
B4006-0250	BT40	1/4"	2.50"	1.10"	0.79"	1/4-28X1/4
B4016-0250	BT40	1/4"	4.00"	1.10"	0.79"	1/4-28X1/4
B40S6-0312	BT40	5/16"	1.38"	1.38"	0.87"	5/16-24X1/4
B4006-0312	BT40	5/16"	2.50"	1.26"	0.87"	5/16-24X1/4
B4016-0312	BT40	5/16"	4.00"	1.26"	0.87"	5/16-24X1/4
B40S6-0375	BT40	3/8"	1.38"	1.38"	1.00"	3/8-24x5/16
B4006-0375	BT40	3/8"	2.50"	1.26"	1.00"	3/8-24x5/16
B4016-0375	BT40	3/8"	4.00"	1.26"	1.00"	3/8-24x5/16
B4006-0437	BT40	7/16"	2.50"	1.53"	1.38"	7/16-20X3/8
B40S6-0500	BT40	1/2"	1.75"	1.57"	1.38"	7/16-20X3/8
B4006-0500	BT40	1/2"	2.50"	1.50"	1.38"	7/16-20X3/8
B4016-0500	BT40	1/2"	4.00"	1.57"	1.38"	7/16-20X3/8
B40S6-0625	BT40	5/8"	1.75"	1.61"	1.65"	9/16-18X1/2
B4006-0625	BT40	5/8"	2.50"	1.61"	1.65"	9/16-18X1/2
B4016-0625	BT40	5/8"	4.00"	1.61"	1.65"	9/16-18X1/2
B40S6-0750	BT40	3/4"	1.75"	1.77"	1.89"	5/8-18X1/2
B4006-0750	BT40	3/4"	2.50"	1.77"	1.89"	5/8-18X1/2
B4016-0750	BT40	3/4"	4.00"	1.77"	1.89"	5/8-18X1/2
B4006-0875	BT40	7/8"	3.38"	2.08"	2.00"	5/8-18X1/2(2)
B4016-0875	BT40	7/8"	6.00"	2.08"	2.00"	5/8-18X1/2(2)
B40S6-1000	BT40	1"	2.00"	2.28"	2.25"	3/4-16X11/16
B4006-1000	BT40	1"	3.56"	2.36"	2.36"	3/4-16X11/16(2)
B4016-1000	BT40	1"	6.00"	2.36"	2.36"	3/4-16X11/16(2)
B40S6-1250	BT40	1-1/4"	2.00"	2.16"	2.25"	3/4-16X11/16
B4006-1250	BT40	1-1/4"	3.56"	2.56"	2.48"	3/4-16X11/16(2)
B4016-1250	BT40	1-1/4"	6.00"	2.56"	2.48"	3/4-16X11/16(2)
B4006-1500	BT40	1-1/2"	4.50"	2.83"	2.99"	3/4-16X11/16(2)
B4016-1500	BT40	1-1/2"	6.00"	2.83"	2.99"	3/4-16X11/16(2)

Note: End Mill Holders come equipped with set screws.

BT40 END MILL HOLDERS (METRIC)

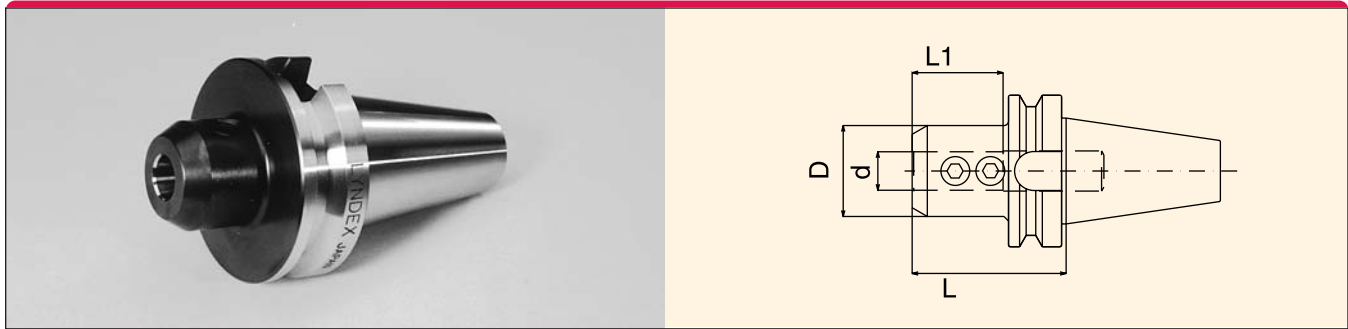
Part Number	Taper	d	L	L1	D	Set Screw
B4006-6	BT40	6mm	2.50"	1.10"	0.79"	1/4-28X1/4
B4016-6	BT40	6mm	4.00"	1.10"	0.79"	1/4-28X1/4
B4006-8	BT40	8mm	2.50"	1.26"	0.87"	5/16-24X1/4
B4016-8	BT40	8mm	4.00"	1.26"	0.87"	5/16-24X1/4
B4006-10	BT40	10mm	2.50"	1.26"	1.00"	3/8-24X5/16
B4016-10	BT40	10mm	4.00"	1.26"	1.00"	3/8-24X5/16
B4006-12	BT40	12mm	2.50"	1.50"	1.38"	7/16-20X3/8
B4016-12	BT40	12mm	4.00"	1.50"	1.38"	7/16-20X3/8
B4006-14	BT40	14mm	2.50"	1.61"	1.65"	9/16-18X1/2
B4016-14	BT40	14mm	4.00"	1.61"	1.65"	9/16-18X1/2
B4006-16	BT40	16mm	2.50"	1.61"	1.65"	9/16-18X1/2
B4016-16	BT40	16mm	4.00"	1.61"	1.65"	9/16-18X1/2
B4006-18	BT40	18mm	2.50"	1.77"	1.89"	5/8-18X1/2
B4016-18	BT40	18mm	4.00"	1.77"	1.89"	5/8-18X1/2
B4006-20	BT40	20mm	2.50"	1.77"	1.89"	5/8-18X1/2
B4016-20	BT40	20mm	4.00"	1.77"	1.89"	5/8-18X1/2
B4006-25	BT40	25mm	3.56"	2.36"	2.36"	3/4-16X11/16(2)
B4016-25	BT40	25mm	6.00"	2.36"	2.36"	3/4-16X11/16(2)
B4006-32	BT40	32mm	3.56"	2.56"	2.48"	3/4-16X11/16(2)
B4016-32	BT40	32mm	6.00"	2.56"	2.48"	3/4-16X11/16(2)

BT45 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
B4506-0125	BT45	1/8"	3.00"	0.63"	0.75"	6-32X1/4
B4506-0187	BT45	3/16"	3.00"	0.87"	0.75"	8-32X1/4
B4506-0250	BT45	1/4"	3.00"	1.10"	0.79"	1/4-28X1/4
B4506-0312	BT45	5/16"	3.00"	1.26"	0.87"	5/16-24X1/4
B4506-0375	BT45	3/8"	3.00"	1.26"	1.00"	3/8-24X5/16
B4506-0500	BT45	1/2"	3.00"	1.53"	1.38"	7/16-20X3/8
B4506-0625	BT45	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
B4506-0750	BT45	3/4"	3.00"	1.77"	1.89"	5/8-18X1/2
B4506-0875	BT45	7/8"	4.00"	2.08"	2.00"	5/8-18X1/2(2)
B4506-1000	BT45	1"	4.00"	2.36"	2.36"	3/4-16X11/16(2)
B4506-1250	BT45	1-1/4"	4.00"	2.55"	2.48"	3/4-16X11/16(2)
B4506-1500	BT45	1-1/2"	4.50"	2.83"	3.00"	3/4-16X11/16(2)
B4506-2000	BT45	2"	5.00"	3.34"	3.75"	1-14X7/8(2)

BT50 END MILL HOLDERS



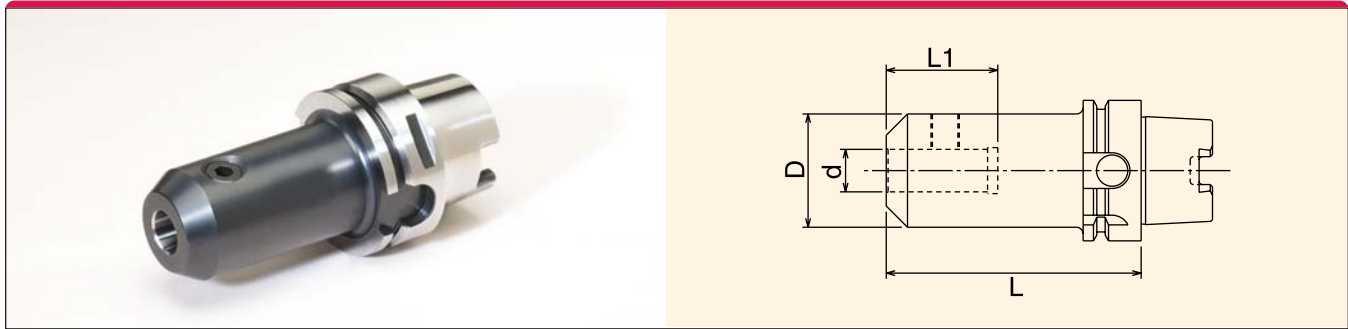
Part Number	Taper	d	L	L1	D	Set Screw
B5006-0250	BT50	1/4"	3.00"	1.10"	0.78"	1/4-28X1/4
B5016-0250	BT50	1/4"	6.00"	1.10"	0.78"	1/4-28X1/4
B5006-0375	BT50	3/8"	2.75"	1.26"	1.00"	3/8-24X5/16
B5016-0375	BT50	3/8"	6.00"	1.26"	1.00"	3/8-24X5/16
B5006-0500	BT50	1/2"	3.00"	1.50"	1.38"	7/16-20X3/8
B5016-0500	BT50	1/2"	6.00"	1.50"	1.38"	7/16-20X3/8
B5006-0625	BT50	5/8"	3.00"	1.61"	1.65"	9/16-18X1/2
B5016-0625	BT50	5/8"	6.00"	1.61"	1.65"	9/16-18X1/2
B5006-0750	BT50	3/4"	3.00"	1.77"	1.89"	5/8-18X1/2
B5016-0750	BT50	3/4"	6.00"	1.77"	1.89"	5/8-18X1/2
B5006-0875	BT50	7/8"	4.00"	2.08"	2.00"	5/8-18X1/2 (2)
B5016-0875	BT50	7/8"	6.00"	2.08"	2.00"	5/8-18X1/2 (2)
B5006-1000	BT50	1"	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
B5016-1000	BT50	1"	6.00"	2.36"	2.36"	3/4-16X11/16 (2)
B5006-1250	BT50	1-1/4"	4.00"	2.56"	2.48"	3/4-16X11/16 (2)
B5016-1250	BT50	1-1/4"	6.00"	2.56"	2.48"	3/4-16X11/16 (2)
B5006-1500	BT50	1-1/2"	4.50"	2.83"	2.99"	3/4-16X11/16 (2)
B5016-1500	BT50	1-1/2"	7.00"	2.83"	2.99"	3/4-16X11/16 (2)
B5006-2000	BT50	2"	5.00"	3.34"	3.74"	1-14X7/8 (2)
B5016-2000	BT50	2"	8.00"	3.34"	3.74"	1-14X7/8 (2)
B5006-2500	BT50	2-1/2"	6.00"	3.66"	4.25"	1-14X7/8 (2)

BT50 END MILL HOLDERS (METRIC)

Part Number	Taper	d	L	L1	D	Set Screw
B5006-6	BT50	6mm	2.50"	1.10"	0.79"	1/4-28X1/4
B5006-8	BT50	8mm	2.50"	1.25"	0.87"	5/16-24X1/4
B5006-10	BT50	10mm	2.75"	1.25"	1.00"	3/8-24X5/16
B5006-12	BT50	12mm	3.00"	1.50"	1.38"	7/16-20X3/8
B5006-14	BT50	14mm	3.00"	1.61"	1.65"	9/16-18X1/2
B5006-16	BT50	16mm	3.00"	1.61"	1.65"	9/16-18X1/2
B5006-18	BT50	18mm	3.00"	1.77"	1.89"	5/8-18X1/2
B5006-20	BT50	20mm	3.00"	1.77"	1.89"	5/8-18X1/2
B5006-25	BT50	25mm	4.00"	2.36"	2.36"	3/4-16X11/16 (2)
B5006-32	BT50	32mm	4.00"	2.55"	2.48"	3/4-16X11/16 (2)
B5006-40	BT50	40mm	4.49"	2.83"	3.07"	3/4-16X11/16 (2)
B5006-42	BT50	42mm	4.49"	2.83"	3.07"	3/4-16X11/16 (2)
B5006-50	BT50	50mm	5.00"	3.34"	3.74"	1-14X7/8 (2)

Note: End Mill Holders come equipped with set screws.

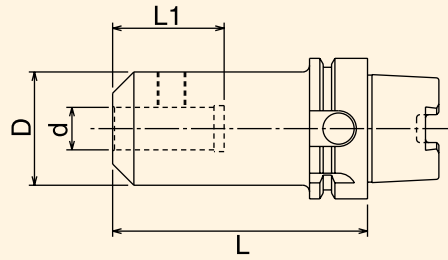
HSK63A END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
HSK63A-0187-3.00	HSK63A	3/16"	3.00"	0.866"	0.748"	8-32X1/4
HSK63A-0187-5.00	HSK63A	3/16"	5.00"	0.866"	0.748"	8-32X1/4
HSK63A-0250-3.00	HSK63A	1/4"	3.00"	1.102"	0.787"	1/4-28X1/4
HSK63A-0250-5.00	HSK63A	1/4"	5.00"	1.102"	0.787"	1/4-28X1/4
HSK63A-0312-3.00	HSK63A	5/16"	3.00"	1.417"	0.874"	5/16-24X1/4
HSK63A-0312-5.00	HSK63A	5/16"	5.00"	1.417"	0.874"	5/16-24X1/4
HSK63A-0375-3.50	HSK63A	3/8"	3.50"	1.574"	1.00"	3/8-24X5/16
HSK63A-0375-5.00	HSK63A	3/8"	5.00"	1.574"	1.00"	3/8-24X5/16
HSK63A-0437-4.00	HSK63A	7/16"	4.00"	1.771"	1.378"	7/16-20X3/8
HSK63A-0437-5.00	HSK63A	7/16"	5.00"	1.771"	1.378"	7/16-20X3/8
HSK63A-0500-4.00	HSK63A	1/2"	4.00"	1.771"	1.378"	7/16-20X3/8
HSK63A-0500-5.00	HSK63A	1/2"	5.00"	1.771"	1.378"	7/16-20X3/8
HSK63A-0625-4.00	HSK63A	5/8"	4.00"	1.889"	1.654"	9/16-18X1/2
HSK63A-0625-5.00	HSK63A	5/8"	5.00"	1.889"	1.654"	9/16-18X1/2
HSK63A-0750-4.50	HSK63A	3/4"	4.50"	1.968"	1.889"	5/8-18X1/2
HSK63A-0750-6.00	HSK63A	3/4"	6.00"	1.968"	1.889"	5/8-18X1/2
HSK63A-1000-4.50	HSK63A	1"	4.50"	2.755"	2.363"	3/4-16X11/16 (2)
HSK63A-1000-6.00	HSK63A	1"	6.00"	2.755"	2.363"	3/4-16X11/16 (2)
HSK63A-1250-4.50	HSK63A	1-1/4"	4.50"	2.952"	2.88"	3/4-16X11/16 (2)
HSK63A-1250-6.00	HSK63A	1-1/4"	6.00"	2.952"	2.88"	3/4-16X11/16 (2)

Note: End Mill Holders come equipped with set screws.
Coolant Tubes are sold separately.

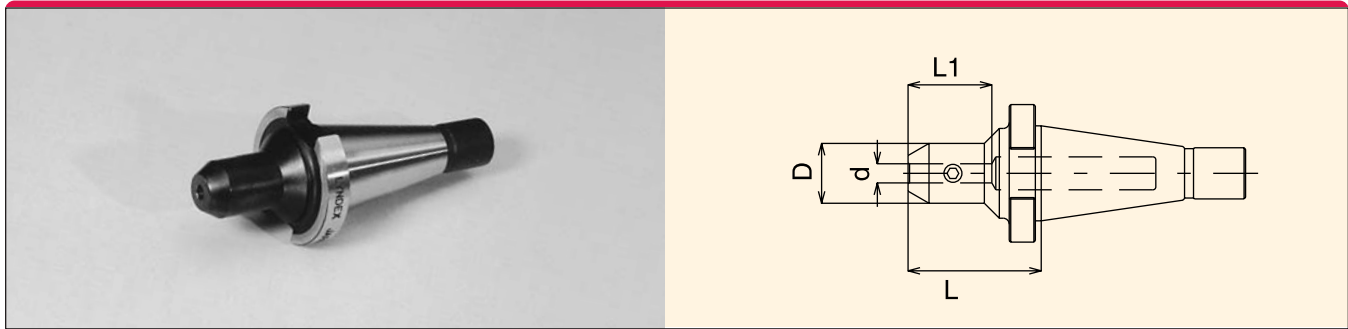
HSK100A END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
HSK100A-0187-4.00	HSK100A	3/16"	4.00"	0.867"	0.748"	8-32X1/4
HSK100A-0187-6.00	HSK100A	3/16"	6.00"	0.867"	0.748"	8-32X1/4
HSK100A-0250-4.00	HSK100A	1/4"	4.00"	1.102"	0.787"	1/4-28X1/4
HSK100A-0250-6.00	HSK100A	1/4"	6.00"	1.102"	0.787"	1/4-28X1/4
HSK100A-0312-4.00	HSK100A	5/16"	4.00"	1.220"	0.866"	5/16-24X1/4
HSK100A-0312-6.00	HSK100A	5/16"	6.00"	1.220"	0.866"	5/16-24X1/4
HSK100A-0375-4.00	HSK100A	3/8"	4.00"	1.260"	1.00"	3/8-24X5/16
HSK100A-0375-6.00	HSK100A	3/8"	6.00"	1.260"	1.00"	3/8-24X5/16
HSK100A-0437-4.00	HSK100A	7/16"	4.00"	1.496"	1.378"	7/16-20X3/8
HSK100A-0437-6.00	HSK100A	7/16"	6.00"	1.496"	1.378"	7/16-20X3/8
HSK100A-0500-4.00	HSK100A	1/2"	4.00"	1.575"	1.378"	7/16-20X3/8
HSK100A-0500-6.00	HSK100A	1/2"	6.00"	1.575"	1.378"	7/16-20X3/8
HSK100A-0625-4.00	HSK100A	5/8"	4.00"	1.693"	1.654"	9/16-18X1/2
HSK100A-0625-6.00	HSK100A	5/8"	6.00"	1.693"	1.654"	9/16-18X1/2
HSK100A-0750-4.00	HSK100A	3/4"	4.00"	1.969"	1.890"	5/8-18X1/2
HSK100A-0750-6.00	HSK100A	3/4"	6.00"	1.969"	1.890"	5/8-18X1/2
HSK100A-1000-4.00	HSK100A	1"	4.00"	2.559"	2.362"	3/4-16X11/16 (2)
HSK100A-1000-6.00	HSK100A	1"	6.00"	2.559"	2.362"	3/4-16X11/16 (2)
HSK100A-1250-4.00	HSK100A	1-1/4"	4.00"	2.559"	2.480"	3/4-16X11/16 (2)
HSK100A-1250-6.00	HSK100A	1-1/4"	6.00"	2.559"	2.480"	3/4-16X11/16 (2)

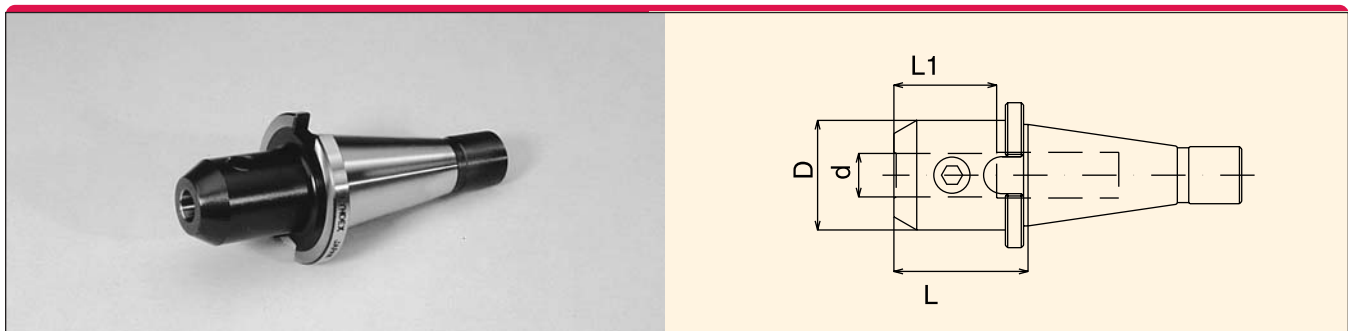
Note: End Mill Holders come equipped with set screws.
Coolant Tubes are sold separately.

NMTB30 END MILL HOLDERS



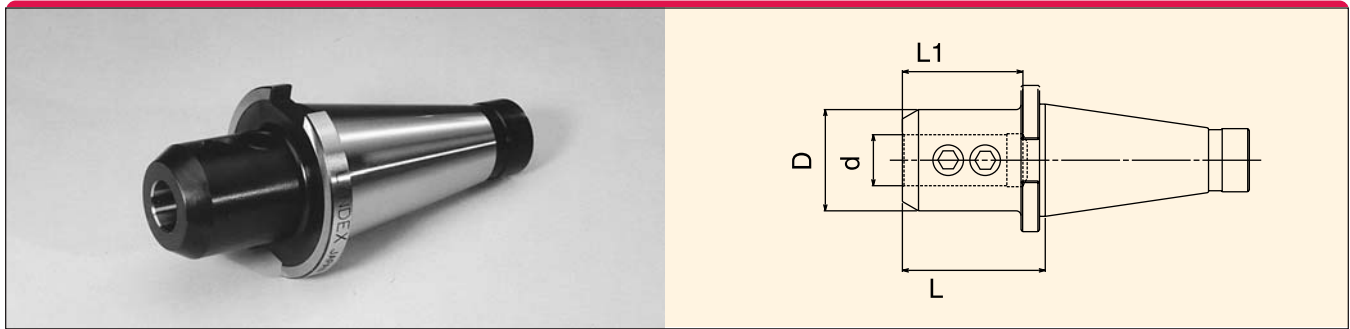
Part Number	Taper	d	L	L1	D	Set Screw
N3006-0125	NMTB30	1/8"	1.75"	0.63"	0.75"	6-32X1/4
N3006-0187	NMTB30	3/16"	1.75"	0.87"	0.75"	8-32X1/4
N3006-0250	NMTB30	1/4"	1.75"	1.10"	0.79"	1/4-28X1/4
N3006-0312	NMTB30	5/16"	1.75"	1.26"	0.87"	5/16-24X1/4
N3006-0375	NMTB30	3/8"	1.75"	1.26"	1.00"	3/8-24X5/16
N3006-0500	NMTB30	1/2"	1.75"	1.57"	1.38"	7/16-20X3/8
N3006-0625	NMTB30	5/8"	1.75"	1.69"	1.43"	9/16-18X1/2
N3006-0750	NMTB30	3/4"	2.25"	1.85"	1.89"	5/8-18X1/2
N3006-0875	NMTB30	7/8"	2.50"	1.96"	2.01"	5/8-18X1/2
N3006-1000	NMTB30	1"	2.69"	2.24"	2.36"	3/4-16X11/16
N3006-1250	NMTB30	1-1/4"	3.62"	2.24"	2.48"	3/4-16X11/16 (2)

NMTB40 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
N4006-0125	NMTB40	1/8"	2.31"	0.63"	0.75"	6-32X1/4
N4006-0187	NMTB40	3/16"	2.31"	0.87"	0.75"	8-32X1/4
N4006-0250	NMTB40	1/4"	2.31"	1.10"	0.79"	1/4-28X1/4
N4006-0312	NMTB40	5/16"	2.31"	1.26"	0.87"	5/16-24X1/4
N4006-0375	NMTB40	3/8"	2.31"	1.26"	1.00"	3/8-24X5/16
N4006-0437	NMTB40	7/16"	2.31"	1.50"	1.38"	7/16-20X3/8
N4006-0500	NMTB40	1/2"	2.31"	1.50"	1.38"	7/16-20X3/8
N4006-0625	NMTB40	5/8"	2.31"	1.61"	1.65"	9/16-18X1/2
N4006-0750	NMTB40	3/4"	2.31"	1.77"	1.89"	5/8-18X1/2
N4006-0875	NMTB40	7/8"	2.94"	2.09"	2.01"	5/8-18X1/2 (2)
N4006-1000	NMTB40	1"	3.37"	2.36"	2.36"	3/4-16X11/16 (2)
N4006-1250	NMTB40	1-1/4"	3.69"	2.56"	2.48"	3/4-16X11/16 (2)
N4006-1500	NMTB40	1-1/2"	3.95"	2.56"	2.99"	3/4-16X11/16 (2)

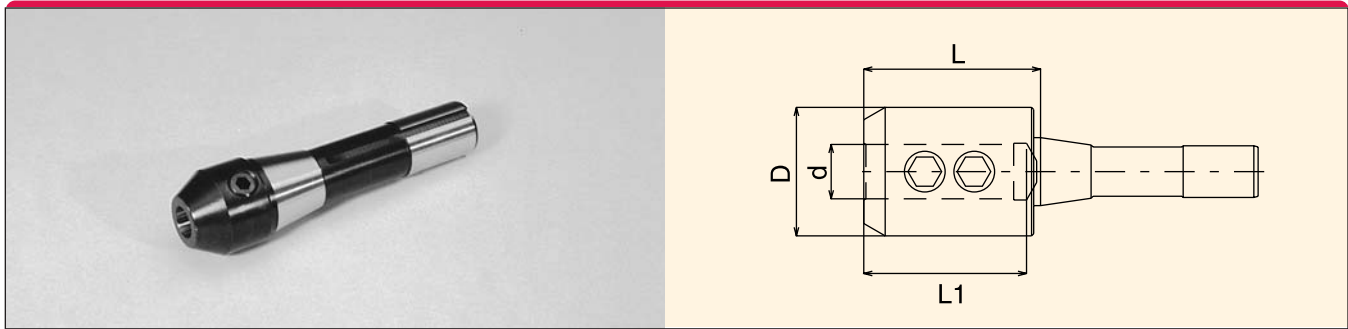
NMTB50 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
N5006-0250	NMTB50	1/4"	2.75"	1.10"	0.79"	1/4-28X1/4
N5006-0375	NMTB50	3/8"	2.75"	1.26"	1.00"	3/8-24X5/16
N5016-0375	NMTB50	3/8"	4.50"	1.26"	1.00"	3/8-24X5/16
N5006-0500	NMTB50	1/2"	2.75"	1.50"	1.38"	7/16-20X3/8
N5016-0500	NMTB50	1/2"	4.50"	1.50"	1.38"	7/16-20X3/8
N5006-0625	NMTB50	5/8"	2.75"	1.61"	1.65"	9/16-18X1/2
N5016-0625	NMTB50	5/8"	4.50"	1.61"	1.65"	9/16-18X1/2
N5006-0750	NMTB50	3/4"	2.88"	1.77"	1.89"	5/8-18X1/2
N5016-0750	NMTB50	3/4"	4.50"	1.77"	1.89"	5/8-18X1/2
N5006-0875	NMTB50	7/8"	2.88"	2.09"	2.01"	5/8-18X1/2 (2)
N5016-0875	NMTB50	7/8"	4.50"	2.09"	2.01"	5/8-18X1/2 (2)
N5006-1000	NMTB50	1"	3.50"	2.36"	2.36"	3/4-16X11/16 (2)
N5016-1000	NMTB50	1"	5.50"	2.36"	2.36"	3/4-16X11/16 (2)
N5006-1250	NMTB50	1-1/4"	3.50"	2.56"	2.48"	3/4-16X11/16 (2)
N5016-1250	NMTB50	1-1/4"	5.50"	2.56"	2.48"	3/4-16X11/16 (2)
N5006-1500	NMTB50	1-1/2"	4.00"	2.83"	2.99"	3/4-16X11/16 (2)
N5016-1500	NMTB50	1-1/2"	6.00"	2.83"	2.99"	3/4-16X11/16 (2)
N5006-2000	NMTB50	2"	4.69"	3.34"	3.74"	1-14X7/8 (2)

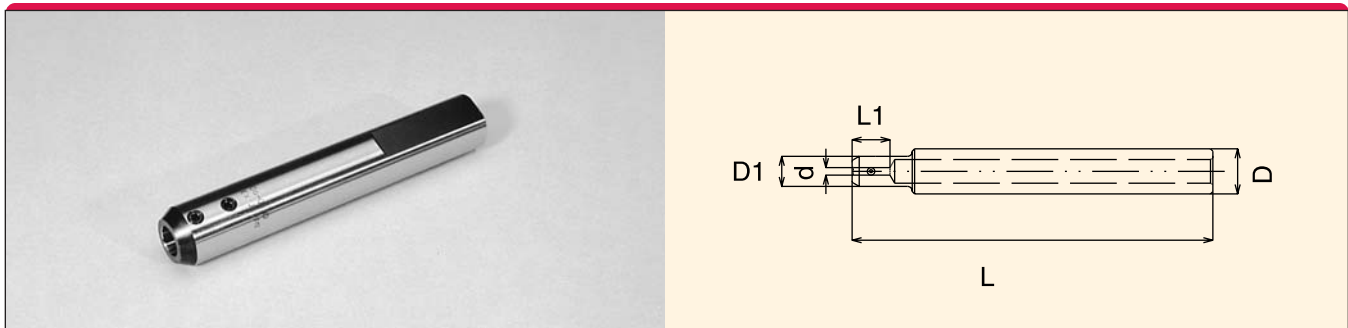
Note: All NMTB toolholder flanges are qualified for use with Erickson QC spindles.
End Mill Holders come equipped with set screws.

R8 END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
830-008	R8	1/8"	1.33"	0.63"	0.75"	6-32X1/4
830-012	R8	3/16"	1.33"	0.87"	0.75"	8-32X1/4
830-016	R8	1/4"	1.33"	1.10"	0.79"	1/4-28X1/4
830-020	R8	5/16"	1.75"	1.26"	0.87"	5/16-24X1/4
830-024	R8	3/8"	1.33"	1.26"	1.00"	3/8-24X5/16
830-028	R8	7/16"	1.33"	1.50"	1.38"	7/16-20X3/8
830-032	R8	1/2"	1.33"	1.50"	1.38"	7/16-20X3/8
830-040	R8	5/8"	1.50"	1.61"	1.65"	9/16-18X1/2
830-048	R8	3/4"	2.37"	1.77"	1.89"	5/8-18X1/2
830-056	R8	7/8"	2.75"	2.36"	2.01"	5/8-18X1/2 (2)
830-064	R8	1"	3.25"	2.76"	2.36"	3/4-16X11/16 (2)
830-080	R8	1-1/4"	3.25"	2.56"	2.48"	3/4-16X11/16 (2)
830-096	R8	1-1/2"	3.75"	2.83"	2.99"	3/4-16X11/16 (2)

STRAIGHT SHANK END MILL HOLDERS



Part Number	d	L	L1	D	D1	Set Screw
S7506-0125	1/8"	6.00"	0.63"	.750"	0.50"	6-32X1/4
S7506-0187	3/16"	6.00"	0.86"	.750"	0.56"	8-32X1/4
S7506-0250	1/4"	6.00"	1.10"	.750"	0.75"	1/4-28X1/4
S7506-0312	5/16"	6.00"	1.26"	.750"	0.75"	5/16-24X1/4
S1006-0375	3/8"	6.00"	1.26"	1.00"	1.00"	3/8-24X5/16 (2)
S1006-0500	1/2"	6.00"	1.49"	1.00"	1.00"	1/4-28x1/4 (2)

MILLING CHUCKS

END MILL HOLDERS

SHELL MILL HOLDERS

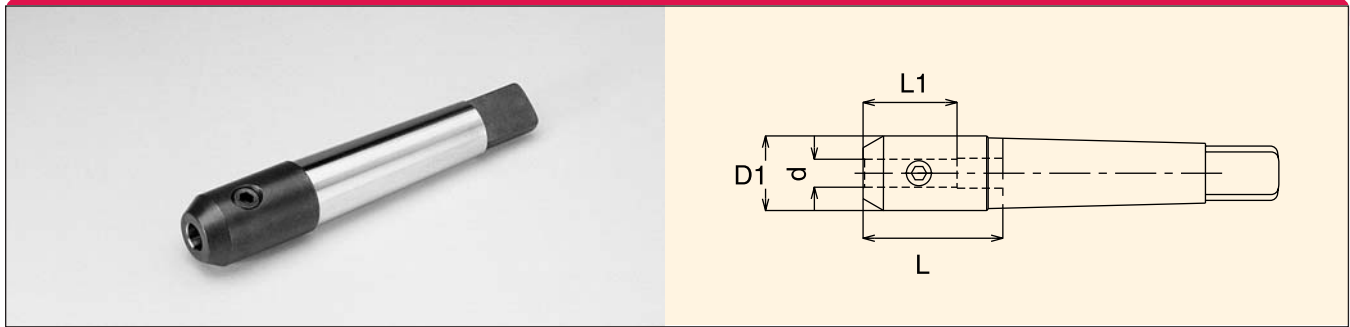
COLLET CHUCKS

DRILL CHUCKS

TAP HOLDERS

STUB, BORING, BLANK

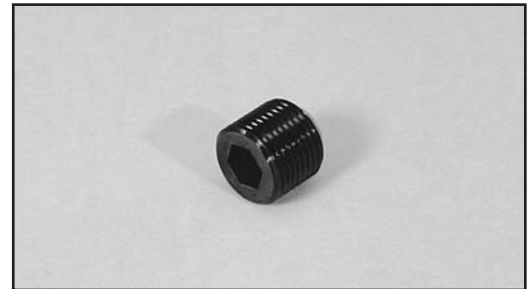
MORSE TAPER END MILL HOLDERS



Part Number	Taper	d	L	L1	D	Set Screw
M0206-0125	MT#2	1/8"	1.50"	0.67"	0.75"	6-32X1/4
M0206-0187	MT#2	3/16"	1.50"	0.87"	0.75"	8-32X1/4
M0206-0250	MT#2	1/4"	1.50"	1.07"	0.79"	1/4-28X1/4
M0206-0312	MT#2	5/16"	1.50"	1.26"	0.87"	5/16-24X5/16
M0206-0375	MT#2	3/8"	1.63"	1.26"	1.00"	3/8-24X5/16
M0206-0500	MT#2	1/2"	1.81"	1.53"	1.26"	7/16-20X3/8
M0306-0250	MT#3	1/4"	1.50"	1.07"	0.79"	1/4-28X1/4
M0306-0312	MT#3	5/16"	1.50"	1.26"	0.87"	5/16-24X5/16
M0306-0375	MT#3	3/8"	1.88"	1.26"	1.00"	3/8-24X5/16
M0306-0500	MT#3	1/2"	1.94"	1.50"	1.38"	7/16-20X3/8
M0406-0375	MT#4	3/8"	2.00"	1.35"	1.00"	3/8-24X5/16
M0406-0500	MT#4	1/2"	2.31"	1.46"	1.38"	7/16-20X3/8
M0406-0625	MT#4	5/8"	2.50"	1.61"	1.65"	9/16-18X1/2
M0406-0750	MT#4	3/4"	2.75"	1.77"	1.89"	5/8-18X1/2

REPLACEMENT EMH SET SCREWS

Part Number	Size of Holder I.D.
S6-32X1/4	1/8"
S8-32X1/4	3/16"
S1-14x7/8	2", 2-1/2"
S1/4-28x1/4	1/4", 6mm
S5/16-24X1/4	5/16", 8mm
S3/8-24X5/16	3/8", 7/16", 10mm
S7/16-20X3/8	1/2", 12mm
S9/16-18X1/2	5/8", 14-16mm
S5/8-18X1/2	3/4", 7/8", 18-20mm
S3/4-16X11/16	1", 1-1/4", 1-1/2", 25-42mm



REPLACEMENT AEROSPACE EMH SET SCREWS

Part Number	Size of Holder I.D.
S3/4-16UNF	1", 1-1/4", 1-1/2", 2", 2-1/2" Aerospace End Mill Holder
S1/2-20UNF	5/8", 3/4", 7/8" Aerospace End Mill Holder
S3/8-24UNF	3/8", 1/2" Aerospace End Mill Holder

