



End Mill Holder Features

Extreme Rigidity

Featuring the highest taper contact and high quality steel, our End Mill Holders provide extreme rigidity for even the heaviest machining applications.

Shank style available from stock: CAT, BT, HSK, NMTB, and Straight, with inch or metric bores. High rigidity, stubby style, extended lengths and Aerospace whistle notch End Mill Holders also available.



Aerospace End Mill Holder

Aerospace End Mill Holders

Lyndex-Nikken Aerospace End Mill Holders are field tested and proven to prevent the end mill from pullout, unlike other's holders.

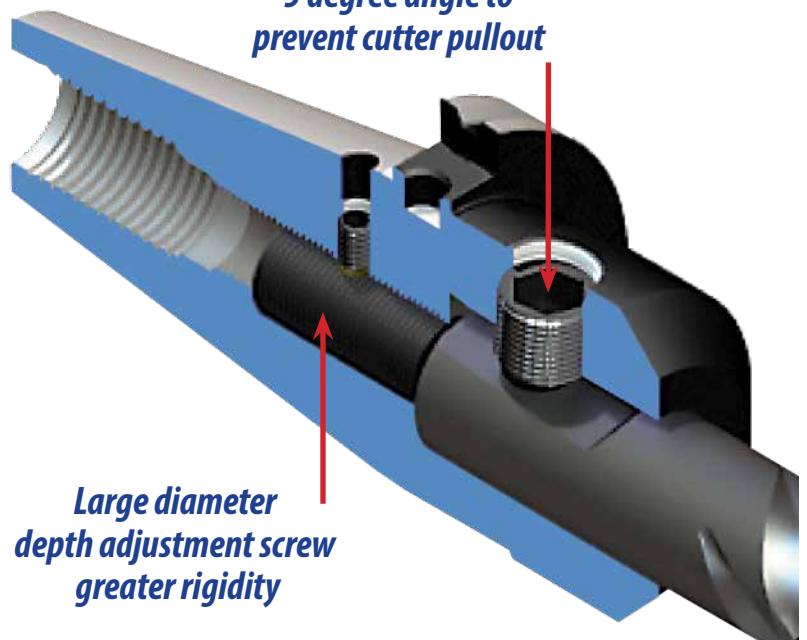
Unique Design and Built-in Features

- End Mill Holder bore does not exceed 0.0002" beyond nominal dimension
- Dual support screws to secure depth adjustment screw and side lock screw
- Tapped fine 2B internal threads for precision adjustment
- AT3 taper grind to match the grind tolerance of your machine spindle
- Balanced for high-speed machining up to 20,000 RPM (rated at G6.3)
- Made from high quality 4340 Nickel Chrome
- End Mill Holder must be used with 5 degree whistle notch cutter (NAS 987)

Our Aerospace End Mill Holders will help you produce aerospace parts with greater accuracy and efficiency.



*5 degree angle to
prevent cutter pullout*



*Large diameter
depth adjustment screw
greater rigidity*

CAT End Mill Holders



T.I.R.: < 0.0002" run out in ID bore



Speed: up to 20,000 RPM (rated at G6.3)



Set-up: quick and easy



Coolant-Thru: jet slots (optional)



Milling



Drilling



Tapping



Reaming

- End mill inner bore T.I.R. < 0.0002"
- Through-spindle coolant capability
- AT3 or better taper
- Available in high-speed balanceable versions

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

CAT40 - Inch

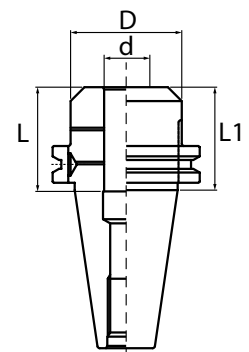
Part Number	Style	d	L	L1	L2	D	D1	Set Screw Part Number
C40S6-0125-1.38	Stubby	1/8"	1.38"	0.74"	-	0.75"	-	S6-32X1/4
C4006-0125-2.36	Standard	1/8"	2.36"	0.63"	-	0.75"	-	S6-32X1/4
C4016-0125-4.00	Standard	1/8"	4.00"	0.63"	-	0.75"	-	S6-32X1/4
C40S6-0187-1.38	Stubby	3/16"	1.38"	0.94"	-	0.75"	-	S8-32X1/4
C4006-0187-2.50	Standard	3/16"	2.50"	0.86"	-	0.75"	-	S8-32X1/4
C4016-0187-4.00	Standard	3/16"	4.00"	0.86"	-	0.75"	-	S8-32X1/4
C40S6-0250-1.38	Stubby	1/4"	1.38"	1.18"	-	0.79"	-	S1/4-28X1/4
C4006-0250-2.50	Standard	1/4"	2.50"	1.10"	-	0.79"	-	S1/4-28X1/4
C4016-0250-4.00	Standard	1/4"	4.00"	1.10"	-	0.79"	-	S1/4-28X1/4
C4046-0250-9.00	Ext. Length	1/4"	9.00"	1.50"	6.12"	0.79"	1.75"	S1/4-28X1/4
C4006-0312-2.50	Standard	5/16"	2.50"	1.26"	-	0.87"	-	S5/16-24X1/4
C4016-0312-4.00	Standard	5/16"	4.00"	1.26"	-	0.87"	-	S5/16-24X1/4
C40S6-0375-1.38	Stubby	3/8"	1.38"	1.34"	-	1.00"	-	S3/8-24X5/16
C4006-0375-2.50	Standard	3/8"	2.50"	1.26"	-	1.00"	-	S3/8-24X5/16
C4016-0375-4.00	Standard	3/8"	4.00"	1.26"	-	1.00"	-	S3/8-24X5/16
C4026-0375-5.00	Standard	3/8"	5.00"	1.26"	-	1.00"	-	S3/8-24X5/16
C4046-0375-9.00	Ext. Length	3/8"	9.00"	1.50"	6.12"	1.00"	1.75"	S3/8-24X5/16
C4006-0437-2.50	Standard	7/16"	2.50"	1.50"	-	1.38"	-	S7/16-20X3/8
C4016-0437-4.00	Standard	7/16"	4.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C40S6-0500-1.75	Stubby	1/2"	1.75"	1.50"	-	1.38"	-	S7/16-20X3/8
C4006-0500-2.50	Standard	1/2"	2.50"	1.50"	-	1.38"	-	S7/16-20X3/8
C4016-0500-4.00	Standard	1/2"	4.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C4026-0500-5.00	Standard	1/2"	5.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C4046-0500-9.00	Ext. Length	1/2"	9.00"	1.50"	6.12"	1.38"	1.75"	S7/16-20X3/8
C40S6-0625-1.75	Stubby	5/8"	1.75"	1.61"	-	1.65"	-	S9/16-18X1/2
C4006-0625-3.00	Standard	5/8"	3.00"	1.61"	-	1.65"	-	S9/16-18X1/2
C4016-0625-4.00	Standard	5/8"	4.00"	1.61"	-	1.65"	-	S9/16-18X1/2
C4026-0625-5.50	Standard	5/8"	5.50"	1.61"	-	1.65"	-	S9/16-18X1/2
C4046-0625-9.00	Ext. Length	5/8"	9.00"	1.50"	6.12"	1.65"	1.75"	S9/16-18X1/2
C40S6-0750-1.75	Stubby	3/4"	1.75"	1.77"	-	1.89"	-	S5/8-18X1/2
C4006-0750-3.00	Standard	3/4"	3.00"	1.77"	-	1.75"	-	S5/8-18X1/2
C4016-0750-4.00	Standard	3/4"	4.00"	1.77"	-	1.75"	-	S5/8-18X1/2
C4026-0750-5.50	Standard	3/4"	5.50"	1.77"	-	1.75"	-	S5/8-18X1/2
C4046-0750-9.00	Ext. Length	3/4"	9.00"	-	-	1.75"	-	S5/8-18X1/2

Note:

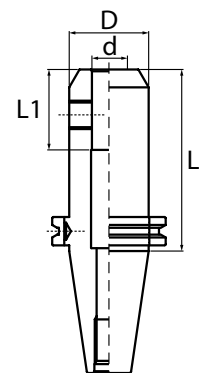
- Set Screws are included.
- Extended Length End Mill Holders can be modified with DIN flange coolant ports.



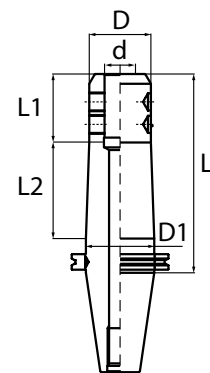
Available in **TAPER PLUS**  Dual-taper and flange contact



Stubby



Standard



Extended Length



Set Screws
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Retention Knobs
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CAT End Mill Holders

CAT40 - Inch (cont.)

Part Number	Style	d	L	L1	L2	D	D1	Set Screw Part Number
C40S6-0875-1.75	Stubby	7/8"	1.75"	2.08"	-	1.94"	-	S5/8-18X1/2
C4006-0875-3.50	Standard	7/8"	3.50"	2.08"	-	2.00"	-	S5/8-18X1/2 (2)
C40S6-1000-2.00	Stubby	1"	2.00"	2.36"	-	2.25"	-	S3/4-16X11/16
C4006-1000-4.00	Standard	1"	4.00"	2.36"	-	2.36"	-	S3/4-16X11/16 (2)
C4016-1000-6.00	Standard	1"	6.00"	2.36"	-	2.36"	-	S3/4-16X11/16 (2)
C40S6-1250-2.00	Stubby	1-1/4"	2.00"	2.28"	-	2.25"	-	S3/4-16X7/16
C4006-1250-4.00	Standard	1-1/4"	4.00"	2.55"	-	2.48"	-	S3/4-16X11/16 (2)
C4006-1500-4.50	Standard	1-1/2"	4.50"	2.55"	-	2.99"	-	S3/4-16X11/16 (2)

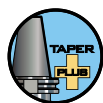
Note:

- Set Screws are included.
- Extended Length End Mill Holders can be modified with DIN flange coolant ports.

CAT40 - Metric

Part Number	Style	d	L	L1	D	Set Screw Part Number
C4006-6-2.50	Standard	6mm	2.50"	1.10"	0.78"	S1/4-28X1/4
C4006-8-2.50	Standard	8mm	2.50"	1.25"	0.87"	S5/16-24X1/4
C4006-10-2.50	Standard	10mm	2.50"	1.25"	1.00"	S3/8-24X5/16
C4006-12-2.50	Standard	12mm	2.50"	1.50"	1.38"	S7/16-20X3/8
C4006-14-3.00	Standard	14mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C4006-16-3.00	Standard	16mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C4006-20-3.00	Standard	20mm	3.00"	1.77"	1.75"	S5/8-18x1/2
C4006-25-4.00	Standard	25mm	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
C4006-32-4.00	Standard	32mm	4.00"	2.36"	2.48"	S3/4-16X11/16 (2)

Note: Set Screws are included.



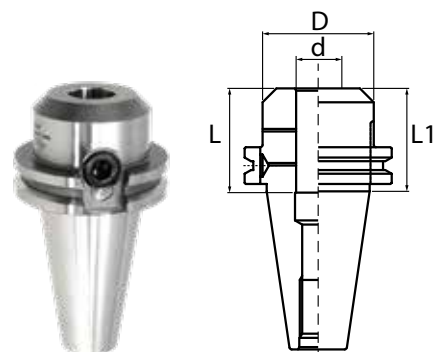
Available in
TAPER PLUS

Dual-taper and flange contact
available.

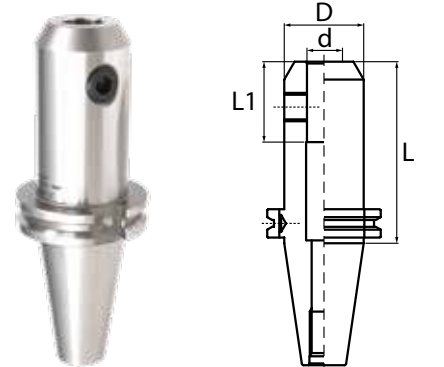
See page 134

TAPER PLUS COMBINING TAPER ACCURACY WITH FLANGE RIGIDITY!

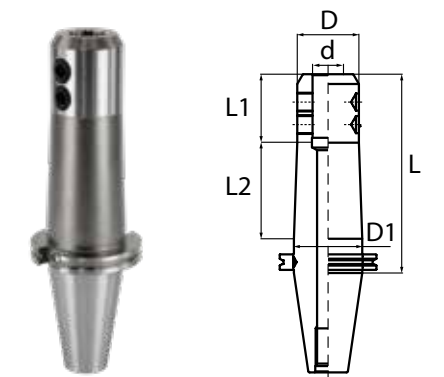
- Outstanding Runout Accuracy for longer tool life
- Vibration Dampening for increased productivity
- High Rigidity for smooth and stable cutting



Stubby



Standard



Extended Length



Set Screws
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Tool Jaw
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CAT End Mill Holders

CAT50 - Inch

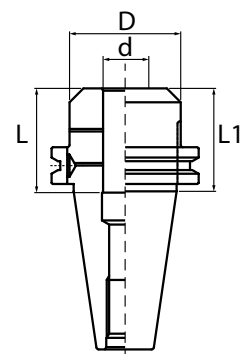
Part Number	Style	d	L	L1	L2	D	D1	Set Screw Part Number
C5006-0250-2.50	Standard	1/4"	2.50"	1.10"	-	0.79"	-	S1/4-28X1/4
C5016-0250-4.00	Standard	1/4"	4.00"	1.10"	-	0.79"	-	S1/4-28X1/4
C5026-0250-6.00	Standard	1/4"	6.00"	1.10"	-	0.79"	-	S1/4-28X1/4
C5036-0250-8.00	Ext. Length	1/4"	8.00"	1.50"	4.76"	0.79"	1.62"	S1/4-28X1/4
C5006-0312-2.50	Standard	5/16"	2.50"	1.26"	-	0.87"	-	S5/16-24X1/4
C5016-0312-4.00	Standard	5/16"	4.00"	1.26"	-	0.87"	-	S5/16-24X1/4
C5026-0312-6.00	Standard	5/16"	6.00"	1.26"	-	0.87"	-	S5/16-24X1/4
C5006-0375-2.50	Standard	3/8"	2.50"	1.26"	-	1.00"	-	S3/8-24X5/16
C5016-0375-4.00	Standard	3/8"	4.00"	1.26"	-	1.00"	-	S3/8-24X5/16
C5026-0375-6.00	Standard	3/8"	6.00"	1.26"	-	1.00"	-	S3/8-24X5/16
C5036-0375-8.00	Ext. Length	3/8"	8.00"	1.50"	5.12"	1.00"	2.75"	S3/8-24X5/16
C5006-0437-2.50	Standard	7/16"	2.50"	1.50"	-	1.38"	-	S7/16-20X3/8
C5016-0437-4.00	Standard	7/16"	4.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C5006-0500-2.63	Standard	1/2"	2.63"	1.50"	-	1.38"	-	S7/16-20X3/8
C5016-0500-4.00	Standard	1/2"	4.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C5026-0500-6.00	Standard	1/2"	6.00"	1.50"	-	1.38"	-	S7/16-20X3/8
C5036-0500-8.00	Ext. Length	1/2"	8.00"	1.50"	5.12"	1.38"	2.75"	S7/16-20X3/8
C5066-0500-15.00	Ext. Length	1/2"	15.00"	1.50"	12.12"	1.38"	2.75"	S7/16-20X3/8
C5006-0625-3.00	Standard	5/8"	3.00"	1.61"	-	1.65"	-	S9/16-18X1/2
C5016-0625-4.00	Standard	5/8"	4.00"	1.61"	-	1.65"	-	S9/16-18X1/2
C5026-0625-6.00	Standard	5/8"	6.00"	1.61"	-	1.65"	-	S9/16-18X1/2
C5036-0625-8.00	Ext. Length	5/8"	8.00"	1.50"	5.12"	1.65"	2.75"	S9/16-18X1/2
C5056-0750-1.75	Stubby	3/4"	1.75"	1.77"	-	1.89"	-	S5/8-18X1/2
C5006-0750-3.00	Standard	3/4"	3.00"	1.77"	-	1.89"	-	S5/8-18X1/2
C5016-0750-4.00	Standard	3/4"	4.00"	1.77"	-	1.89"	-	S5/8-18X1/2
C5026-0750-6.00	Standard	3/4"	6.00"	1.77"	-	1.89"	-	S5/8-18X1/2
C5036-0750-8.00	Ext. Length	3/4"	8.00"	1.50"	5.12"	1.89"	2.75"	S5/8-18X1/2
C5066-0750-15.00	Ext. Length	3/4"	15.00"	1.76"	11.86"	1.89"	2.75"	S5/8-18X1/2
C5056-1000-2.00	Stubby	1"	2.00"	2.36"	-	2.36"	-	S3/4-16X11/16
C5006-1000-4.00	Standard	1"	4.00"	2.36"	-	2.36"	-	S3/4-16X11/16 (2)
C5016-1000-6.00	Standard	1"	6.00"	2.36"	-	2.36"	-	S3/4-16X11/16 (2)
C5026-1000-8.00	Ext. Length	1"	8.00"	2.76"	3.87"	2.36"	2.75"	S3/4-16X11/16 (2)
C5066-1000-15.00	Ext. Length	1"	15.00"	2.76"	10.87"	2.36"	2.75"	S3/4-16X11/16 (2)

Note:

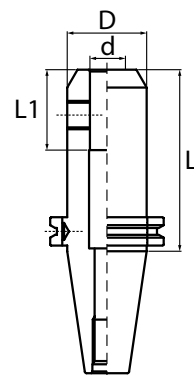
- Set Screws are included.
- Extended Length End Mill Holders can be modified with DIN flange coolant ports.



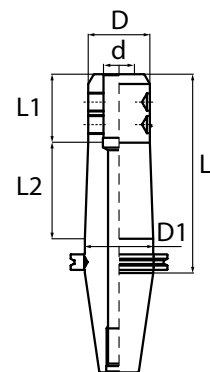
Available in **TAPER PLUS**  Dual-taper and flange contact



Stubby



Standard



Extended Length



Set Screws
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Tool Jaw
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Retention Knobs
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CAT End Mill Holders

CAT50 - Inch (cont.)

Part Number	Style	d	L	L1	L2	D	D1	Set Screw Part Number
C50S6-1250-2.00	Stubby	1-1/4"	2.00"	2.55"	-	2.75"	-	S3/4-16X11/16
C5006-1250-4.00	Standard	1-1/4"	4.00"	2.55"	-	2.48"	-	S3/4-16X11/16 (2)
C5016-1250-6.00	Standard	1-1/4"	6.00"	2.55"	-	2.48"	-	S3/4-16X11/16 (2)
C5026-1250-8.00	Ext. Length	1-1/4"	8.00"	2.76"	3.87"	2.48"	2.75"	S3/4-16X11/16 (2)
C5066-1250-15.00	Ext. Length	1-1/4"	15.00"	2.76"	10.87"	2.48"	2.75"	S3/4-16X11/16 (2)
C50S6-1500-2.25	Stubby	1-1/2"	2.25"	2.83"	-	2.75"	-	S3/4-16X11/16
C5006-1500-4.50	Standard	1-1/2"	4.50"	2.83"	-	2.99"	-	S3/4-16X11/16 (2)
C5016-1500-7.00	Standard	1-1/2"	7.00"	2.83"	-	2.99"	-	S3/4-16X11/16 (2)
C50S6-2000-3.63	Stubby	2"	3.63"	3.34"	-	3.74"	-	S1"-14X7/8 (1) S1"-14X7/16 (1)
C5026-2000-10.00	Standard	2"	10.00"	3.34"	-	3.74"	-	S1"-14X7/8 (2)
C5006-2000-5.37	Standard	2"	5.37"	3.34"	-	3.74"	-	S1"-14X7/8 (2)
C5016-2000-8.00	Standard	2"	8.00"	3.34"	-	3.74"	-	S1"-14X7/8 (2)
C5006-2500-6.00	Standard	2-1/2"	6.00"	3.66"	-	4.25"	-	S1"-14X7/8 (2)

Note:

- Set Screws are included.
- Extended Length End Mill Holders can be modified with DIN flange coolant ports.



Available in **TAPER PLUS**  Dual-taper and flange contact

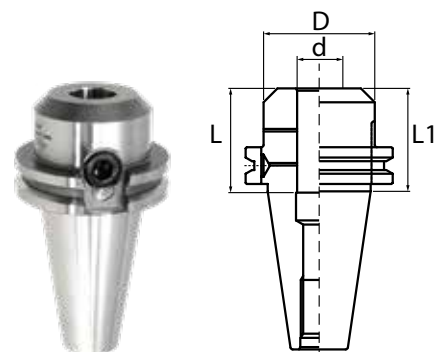
CAT50 - Metric

Part Number	Style	d	L	L1	D	Set Screw Part Number
C5006-6-2.50	Standard	6mm	2.50"	1.10"	0.79"	S1/4-28X1/4
C5006-8-2.50	Standard	8mm	2.50"	1.10"	0.87"	S5/16-24X1/4
C5006-10-2.50	Standard	10mm	2.50"	1.26"	1.00"	S3/8-24X5/16
C5006-12-2.63	Standard	12mm	2.63"	1.50"	1.38"	S7/16-20X3/8
C5006-14-3.00	Standard	14mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C5006-16-3.00	Standard	16mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C5006-18-3.00	Standard	18mm	3.00"	1.77"	1.89"	S5/8-18X1/2
C5006-20-3.00	Standard	20mm	3.00"	1.77"	1.89"	S5/8-18X1/2
C5006-25-4.00	Standard	25mm	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
C5006-32-4.00	Standard	32mm	4.00"	2.55"	2.48"	S3/4-16X11/16 (2)
C5006-40-4.50	Standard	40mm	4.50"	2.95"	3.07"	S3/4-16X11/16 (2)
C5006-42-4.50	Standard	42mm	4.50"	2.83"	3.07"	S3/4-16X11/16 (2)
C5006-50-5.37	Standard	50mm	5.37"	3.35"	3.74"	S1"-14X7/8 (2)

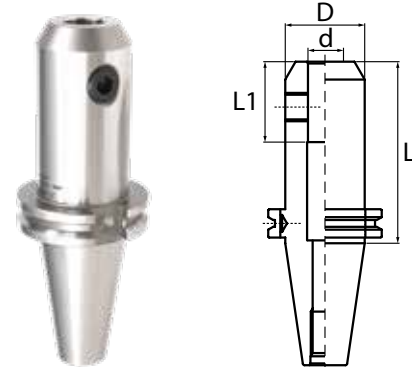
Note: Set Screws are included.



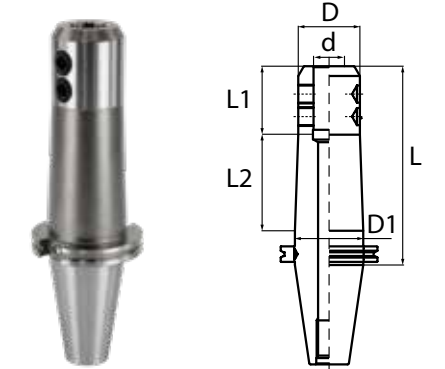
Available in **TAPER PLUS**  Dual-taper and flange contact



Stubby



Standard



Extended Length



Set Screws
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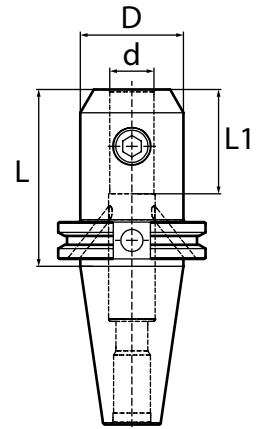
CAT End Mill Holders - DIN

CAT40 - DIN - Metric

Part Number	Style	d	L	L1	D	Set Screw Part Number
C4006-6-2.50DIN	Standard	6mm	2.50"	1.10"	0.78"	S1/4-28X1/4
C4006-8-2.50DIN	Standard	8mm	2.50"	1.25"	0.87"	S5/16-24X1/4
C4006-10-2.50DIN	Standard	10mm	2.50"	1.25"	1.00"	S3/8-24X5/16
C4006-12-2.50DIN	Standard	12mm	2.50"	1.50"	1.38"	S7/16-20X3/8
C4006-14-3.00DIN	Standard	14mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C4006-16-3.00DIN	Standard	16mm	3.00"	1.61"	1.65"	S9/16-18X1/2
C4006-18-3.00DIN	Standard	18mm	3.00"	1.77"	1.75"	S5/8-18x1/2
C4006-20-3.00DIN	Standard	20mm	3.00"	1.77"	1.75"	S5/8-18x1/2
C4006-25-4.00DIN	Standard	25mm	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
C4006-32-4.00DIN	Standard	32mm	4.00"	2.36"	2.48"	S3/4-16X11/16 (2)

Note:

- Set Screws are included.
- "DIN" designates suitability for coolant through the flange per DIN 69871 Form B specs.



Set Screws
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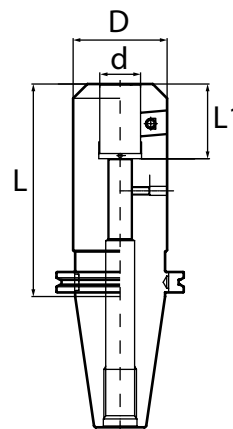


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Page 229

CAT End Mill Holders - Aerospace

CAT50 - Aerospace

Part Number	Style	d	L	L1	D	Set Screw Part Number
C5026-0375A-6.69	Standard	3/8"	6.69"	1.52"	1.37"	S3/8-24UNF
C5016-0500A-4.60	Standard	1/2"	4.60"	1.68"	1.63"	S3/8-24UNF
C5026-0750A-6.50	Standard	3/4"	6.50"	2.01"	2.00"	S1/2-20UNF
C5006-1000A-3.00	Standard	1"	3.00"	2.27"	2.63"	S3/4-16x7/16
C5016-1000A-4.50	Standard	1"	4.50"	2.27"	2.63"	S3/4-16x7/16
C5006-1250A-3.00	Standard	1-1/4"	3.00"	2.27"	2.87"	S3/4-16x7/16
C5016-1250A-4.50	Standard	1-1/4"	4.50"	2.27"	2.87"	S3/4-16x7/16
C5016-2000A-7.35	Standard	2"	7.35"	3.38"	4.00"	S3/4-16x7/16 (2)
C5016-2500A-7.35	Standard	2-1/2"	7.35"	3.38"	5.00"	S3/4-16x7/16 (2)



Note: Set Screws are included. Back-up screws are included for Aerospace End Mill Holders.



BT End Mill Holders



T.I.R.: < 0.0002" run out in ID bore



Speed: up to 20,000 RPM



Set-up: quick and easy



Coolant-Thru: jet slots (optional)



Milling



Drilling



Tapping



Reaming

- End mill inner bore T.I.R. $\leq 0.0002"$
- Through-spindle coolant capability
- AT3 or better taper
- Available in high-speed balanceable versions

Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

BT30 - Inch

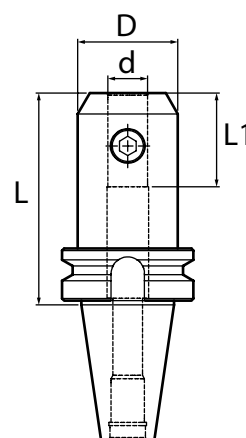
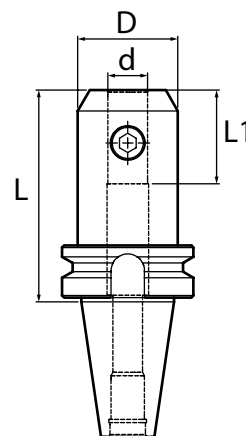
Part Number	Style	d	L	L1	D	Set Screw Part Number
B3006-0125-2.36	Standard	1/8"	2.36"	0.63"	0.75"	S6-32X1/4
B3006-0187-2.36	Standard	3/16"	2.36"	0.87"	0.75"	S8-32X1/4
B3006-0250-2.36	Standard	1/4"	2.36"	1.10"	0.79"	S1/4-28X1/4
B3006-0312-2.36	Standard	5/16"	2.36"	1.26"	0.87"	S5/16-24X1/4
B3006-0375-2.36	Standard	3/8"	2.36"	1.26"	1.00"	S3/8-24X5/16
B3006-0437-2.36	Standard	7/16"	2.36"	1.50"	1.38"	S7/16-20X3/8
B3006-0500-2.36	Standard	1/2"	2.36"	1.50"	1.38"	S7/16-20X3/8
B3006-0625-2.50	Standard	5/8"	2.50"	1.61"	1.65"	S9/16-18X1/2
B3006-0750-3.00	Standard	3/4"	3.00"	1.77"	1.88"	S5/8-18X1/2
B3006-0875-3.54	Standard	7/8"	3.54"	2.09"	2.00"	S5/8-18X1/2 (2)
B3006-1000-3.54	Standard	1"	3.54"	2.36"	2.36"	S3/4-16X11/16 (2)

Note: Set Screws are included.

BT30 - Metric

Part Number	Style	d	L	L1	D	Set Screw Part Number
B3006-6-2.50	Standard	6mm	2.50"	1.10"	0.79"	S1/4-28X1/4
B3006-10-2.50	Standard	10mm	2.50"	1.26"	1.00"	S3/8-24X5/16
B3006-12-2.50	Standard	12mm	2.50"	1.50"	1.38"	S7/16-20X3/8
B3006-16-2.50	Standard	16mm	2.50"	1.61"	1.65"	S9/16-18X1/2
B3006-18-3.50	Standard	18mm	3.50"	1.65"	1.89"	S5/8-18X1/2
B3006-20-3.50	Standard	20mm	3.50"	1.65"	1.89"	S5/8-18X1/2
B3006-25-3.50	Standard	25mm	3.50"	2.36"	2.36"	S3/4-16X11/16 (2)

Note: Set Screws are included.



Set Screws
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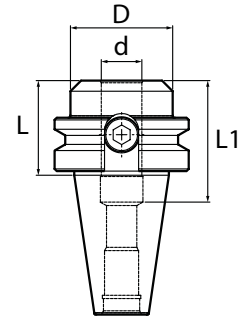
Retention Knobs
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BT End Mill Holders

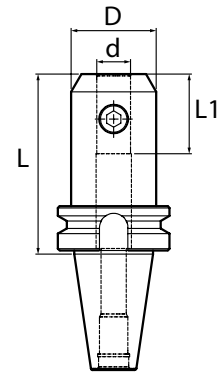
BT40 - Inch

Part Number	Style	d	L	L1	D	Set Screw Part Number
B40S6-0125-1.38	Stubby	1/8"	1.38"	0.78"	0.75"	S6-32X1/4
B4006-0125-2.36	Standard	1/8"	2.36"	0.63"	0.75"	S6-32X1/4
B4016-0125-4.00	Standard	1/8"	4.00"	0.63"	0.75"	S6-32X1/4
B4006-0187-2.50	Standard	3/16"	2.50"	0.86"	0.75"	S8-32X1/4
B4016-0187-4.00	Standard	3/16"	4.00"	0.86"	0.75"	S8-32X1/4
B40S6-0250-1.38	Stubby	1/4"	1.38"	1.18"	0.79"	S1/4-28X1/4
B4006-0250-2.50	Standard	1/4"	2.50"	1.10"	0.79"	S1/4-28X1/4
B4016-0250-4.00	Standard	1/4"	4.00"	1.10"	0.79"	S1/4-28X1/4
B4006-0312-2.50	Standard	5/16"	2.50"	1.26"	0.87"	S5/16-24X1/4
B4016-0312-4.00	Standard	5/16"	4.00"	1.26"	0.87"	S5/16-24X1/4
B4006-0375-2.50	Standard	3/8"	2.50"	1.26"	1.00"	S3/8-24x5/16
B4016-0375-4.00	Standard	3/8"	4.00"	1.26"	1.00"	S3/8-24x5/16
B4006-0437-2.50	Standard	7/16"	2.50"	1.53"	1.38"	S7/16-20X3/8
B40S6-0500-1.75	Stubby	1/2"	1.75"	1.57"	1.38"	S7/16-20X3/8
B4006-0500-2.50	Standard	1/2"	2.50"	1.50"	1.38"	S7/16-20X3/8
B4016-0500-4.00	Standard	1/2"	4.00"	1.57"	1.38"	S7/16-20X3/8
B40S6-0625-1.75	Stubby	5/8"	1.75"	1.61"	1.65"	S9/16-18X1/2
B4006-0625-2.50	Standard	5/8"	2.50"	1.61"	1.65"	S9/16-18X1/2
B4016-0625-4.00	Standard	5/8"	4.00"	1.61"	1.65"	S9/16-18X1/2
B40S6-0750-1.75	Stubby	3/4"	1.75"	1.77"	1.89"	S5/8-18X1/2
B4006-0750-2.50	Standard	3/4"	2.50"	1.77"	1.89"	S5/8-18X1/2
B4016-0750-4.00	Standard	3/4"	4.00"	1.77"	1.89"	S5/8-18X1/2
B4006-0875-3.38	Standard	7/8"	3.38"	2.08"	2.00"	S5/8-18X1/2 (2)
B40S6-1000-2.00	Stubby	1"	2.00"	2.28"	2.25"	S3/4-16X11/16
B4006-1000-3.56	Standard	1"	3.56"	2.36"	2.36"	S3/4-16X11/16 (2)
B4016-1000-6.00	Standard	1"	6.00"	2.36"	2.36"	S3/4-16X11/16 (2)
B40S6-1250-2.00	Stubby	1-1/4"	2.00"	2.16"	2.25"	S3/4-16X11/16
B4006-1250-3.56	Standard	1-1/4"	3.56"	2.56"	2.48"	S3/4-16X11/16 (2)
B4006-1500-4.50	Standard	1-1/2"	4.50"	2.83"	2.99"	S3/4-16X11/16 (2)

Note: Set Screws are included.



Stubby



Standard



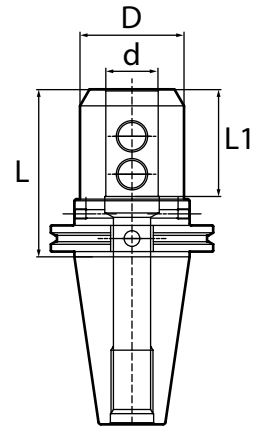
BT End Mill Holders



BT50 - Inch

Part Number	Style	d	L	L1	D	Set Screw Part Number
B5006-0375-2.75	Standard	3/8"	2.75"	1.26"	1.00"	S3/8-24X5/16
B5016-0375-6.00	Standard	3/8"	6.00"	1.26"	1.00"	S3/8-24X5/16
B5006-0500-3.00	Standard	1/2"	3.00"	1.50"	1.38"	S7/16-20X3/8
B5016-0500-6.00	Standard	1/2"	6.00"	1.50"	1.38"	S7/16-20X3/8
B5006-0625-3.00	Standard	5/8"	3.00"	1.61"	1.65"	S9/16-18X1/2
B5006-0750-3.00	Standard	3/4"	3.00"	1.77"	1.89"	S5/8-18X1/2
B5016-0750-6.00	Standard	3/4"	6.00"	1.77"	1.89"	S5/8-18X1/2
B5006-1000-4.00	Standard	1"	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
B5016-1000-6.00	Standard	1"	6.00"	2.36"	2.36"	S3/4-16X11/16 (2)
B5006-1250-4.00	Standard	1-1/4"	4.00"	2.56"	2.48"	S3/4-16X11/16 (2)
B5016-1250-6.00	Standard	1-1/4"	6.00"	2.56"	2.48"	S3/4-16X11/16 (2)
B5006-1500-4.50	Standard	1-1/2"	4.50"	2.83"	2.99"	S3/4-16X11/16 (2)
B5006-2000-5.00	Standard	2"	5.00"	3.34"	3.74"	S1-14X7/8 (2)

Note: Set Screws are included.



BT50 - Metric

Part Number	Style	d	L	L1	D	Set Screw Part Number
B5006-12-3.00	Standard	12mm	3.00"	1.50"	1.38"	S7/16-20X3/8
B5006-16-3.00	Standard	16mm	3.00"	1.61"	1.65"	S9/16-18X1/2
B5006-25-4.00	Standard	25mm	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)

Note: Set Screws are included.



Set Screws
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Tool Jaw
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Retention Knobs
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HSK End Mill Holders

- End mill inner bore T.I.R. $\leq 0.0002"$
- Through-spindle coolant capability
- AT3 or better taper



T.I.R.: $< 0.0002"$ run out in ID bore



Speed: up to 20,000 RPM



Set-up: quick and easy



Coolant-Thru: jet slots (optional)



Milling



Drilling



Tapping



Reaming

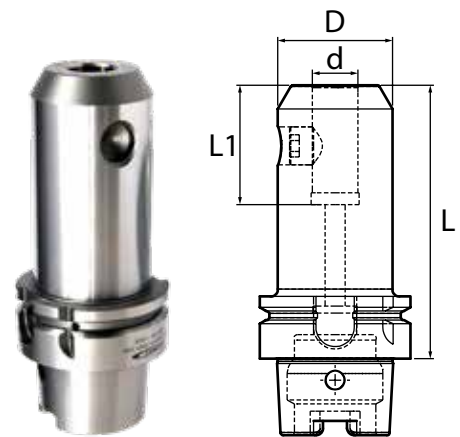
Please note that the maximum RPM listed in our catalog may vary depending on the toolholder shank, weight, balanceability and the G rating.

HSK40A

Part Number	d	L	L1	D	Set Screw Part Number
HSK40A-0187-75	3/16"	2.950"	0.870"	0.750"	S8-32X1/4
HSK40A-0500-75	1/2"	2.950"	1.780"	1.380"	S7/16-20X3/8
HSK40A-0750-75	3/4"	2.950"	1.970"	1.890"	S5/8-18X1/2

HSK63A

Part Number	d	L	L1	D	Set Screw Part Number
HSK63A-0187-5.00	3/16"	5.000"	0.866"	0.748"	S8-32X1/4
HSK63A-0250-3.00	1/4"	3.000"	1.102"	0.787"	S1/4-28X1/4
HSK63A-0250-5.00	1/4"	5.000"	1.102"	0.787"	S1/4-28X1/4
HSK63A-0375-3.50	3/8"	3.500"	1.574"	1.000"	S3/8-24X5/16
HSK63A-0375-5.00	3/8"	5.000"	1.574"	1.000"	S3/8-24X5/16
HSK63A-0437-4.00	7/16"	4.000"	1.771"	1.378"	S7/16-20X3/8
HSK63A-0437-5.00	7/16"	5.000"	1.771"	1.378"	S7/16-20X3/8
HSK63A-0500-4.00	1/2"	4.000"	1.771"	1.378"	S7/16-20X3/8
HSK63A-0500-5.00	1/2"	5.000"	1.771"	1.378"	S7/16-20X3/8
HSK63A-0625-4.00	5/8"	4.000"	1.889"	1.654"	S9/16-18X1/2
HSK63A-0750-4.50	3/4"	4.500"	1.968"	1.889"	S5/8-18X1/2
HSK63A-0750-6.00	3/4"	6.000"	1.968"	1.889"	S5/8-18X1/2
HSK63A-1000-4.50	1"	4.500"	2.755"	2.363"	S3/4-16X11/16 (2)
HSK63A-1000-6.00	1"	6.000"	2.755"	2.363"	S3/4-16X11/16 (2)
HSK63A-1250-4.50	1-1/4"	4.500"	2.952"	2.880"	S3/4-16X11/16 (2)
HSK63A-1250-6.00	1-1/4"	6.000"	2.952"	2.880"	S3/4-16X11/16 (2)



Note:

- Set Screws are included.
- Coolant tube and coolant tube wrench are sold separately.



Set Screws
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HSK Coolant Tube
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HSK Coolant Tube Wrench
Pages 135

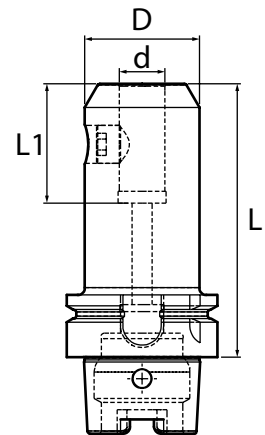
HSK End Mill Holders

HSK 100A

Part Number	d	L	L1	D	Set Screw Part Number
HSK100A-0250-4.00	1/4"	4.000"	1.102"	0.787"	S1/4-28X1/4
HSK100A-0250-6.00	1/4"	6.000"	1.102"	0.787"	S1/4-28X1/4
HSK100A-0375-4.00	3/8"	4.000"	1.260"	1.000"	S3/8-24X5/16
HSK100A-0375-6.00	3/8"	6.000"	1.260"	1.000"	S3/8-24X5/16
HSK100A-0437-6.00	7/16"	6.000"	1.496"	1.378"	S7/16-20X3/8
HSK100A-0500-4.00	1/2"	4.000"	1.575"	1.378"	S7/16-20X3/8
HSK100A-0500-6.00	1/2"	6.000"	1.575"	1.378"	S7/16-20X3/8
HSK100A-0625-4.00	5/8"	4.000"	1.693"	1.654"	S9/16-18X1/2
HSK100A-0750-4.00	3/4"	4.000"	1.969"	1.890"	S5/8-18X1/2
HSK100A-0750-6.00	3/4"	6.000"	1.969"	1.890"	S5/8-18X1/2
HSK100A-1000-4.00	1"	4.000"	2.559"	2.362"	S3/4-16X11/16 (2)
HSK100A-1000-6.00	1"	6.000"	2.559"	2.362"	S3/4-16X11/16 (2)
HSK100A-1250-4.00	1-1/4"	4.000"	2.559"	2.480"	S3/4-16X11/16 (2)
HSK100A-1250-6.00	1-1/4"	6.000"	2.559"	2.480"	S3/4-16X11/16 (2)

Note:

- Set Screws are included.
- Coolant tube and coolant tube wrench are sold separately.



Set Screws
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HSK Coolant Tube
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HSK Coolant Tube Wrench
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NMTB End Mill Holders



T.I.R.: < 0.0002" run out in ID bore



Set-up: quick and easy



Milling



Drilling



Tapping

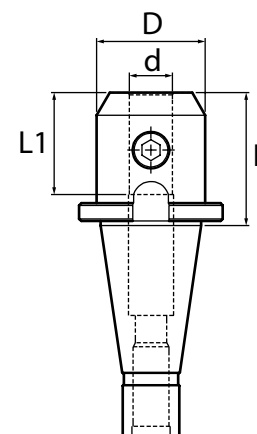


Reaming

- End mill inner bore T.I.R. $\leq 0.0002"$
- Through-spindle coolant capability
- AT3 or better taper

NMTB30

Part Number	d	L	L1	D	Set Screw Part Number
N3006-0125-1.75	1/8"	1.75"	0.63"	0.75"	S6-32X1/4
N3006-0250-1.75	1/4"	1.75"	1.10"	0.79"	S1/4-28X1/4
N3006-0375-1.75	3/8"	1.75"	1.26"	1.00"	S3/8-24X5/16
N3006-0500-1.75	1/2"	1.75"	1.57"	1.38"	S7/16-20X3/8
N3006-0750-2.25	3/4"	2.25"	1.85"	1.89"	S5/8-18X1/2
N3006-1000-2.69	1"	2.69"	2.24"	2.36"	S3/4-16X11/16



NMTB40

Part Number	d	L	L1	D	Set Screw Part Number
N4006-0125-2.31	1/8"	2.31"	0.63"	0.75"	S6-32X1/4
N4006-0187-2.31	3/16"	2.31"	0.87"	0.75"	S8-32X1/4
N4006-0250-2.31	1/4"	2.31"	1.10"	0.79"	S1/4-28X1/4
N4006-0312-2.31	5/16"	2.31"	1.26"	0.87"	S5/16-24X1/4
N4006-0375-2.31	3/8"	2.31"	1.26"	1.00"	S3/8-24X5/16
N4006-0500-2.31	1/2"	2.31"	1.50"	1.38"	S7/16-20X3/8
N4006-0625-2.31	5/8"	2.31"	1.61"	1.65"	S9/16-18X1/2
N4006-0750-2.31	3/4"	2.31"	1.77"	1.89"	S5/8-18X1/2
N4006-0875-2.94	7/8"	2.94"	2.09"	2.01"	S5/8-18X1/2 (2)
N4006-1000-3.37	1"	3.37"	2.36"	2.36"	S3/4-16X11/16 (2)

Note:

- Set Screws are included.
- NMTB shanks are suitable for use with Erickson Quick Change spindles.



Set Screws
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R8 and Straight Shank End Mill Holders



T.I.R.: < 0.0002" run out in ID bore



Set-up: quick and easy



Milling



Drilling



Tapping



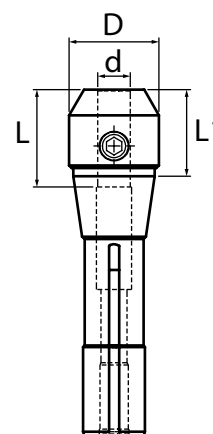
Reaming

- End mill inner bore T.I.R. $\leq 0.0002"$
- Through-spindle coolant capability
- AT3 or better taper

R8

Part Number	d	L	L1	D	Set Screw Part Number
830-008-1.33	1/8"	1.33"	0.63"	0.75"	S6-32X1/4
830-012-1.33	3/16"	1.33"	0.87"	0.75"	S8-32X1/4
830-016-1.33	1/4"	1.33"	1.10"	0.79"	S1/4-28X1/4
830-020-1.33	5/16"	1.33"	1.26"	0.87"	S5/16-24X1/4
830-024-1.33	3/8"	1.33"	1.26"	1.00"	S3/8-24X5/16
830-028-1.33	7/16"	1.33"	1.50"	1.38"	S7/16-20X3/8
830-032-1.33	1/2"	1.33"	1.50"	1.38"	S7/16-20X3/8
830-040-1.50	5/8"	1.50"	1.61"	1.65"	S9/16-18X1/2
830-048-2.37	3/4"	2.37"	1.77"	1.89"	S5/8-18X1/2
830-056-2.75	7/8"	2.75"	2.36"	2.01"	S5/8-18X1/2 (2)
830-064-3.25	1"	3.25"	2.76"	2.36"	S3/4-16X11/16 (2)
830-080-3.25	1-1/4"	3.25"	2.56"	2.48"	S3/4-16X11/16 (2)
830-096-3.75	1-1/2"	3.75"	2.83"	2.99"	S3/4-16X11/16 (2)

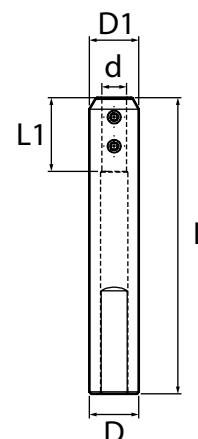
Note: Set Screws are included.



STRAIGHT SHANK

Part Number	d	L	L1	D	D1	Set Screw Part Number
S7506-0125-6.00	1/8"	6.00"	0.63"	.750"	0.50"	S6-32X1/4
S7506-0187-6.00	3/16"	6.00"	0.86"	.750"	0.56"	S8-32X1/4
S7506-0250-6.00	1/4"	6.00"	1.10"	.750"	0.75"	S1/4-28X1/4
S7506-0312-6.00	5/16"	6.00"	1.26"	.750"	0.75"	S5/16-24X1/4
S1006-0375-6.00	3/8"	6.00"	1.26"	1.00"	1.00"	S3/8-24X5/16 (2)
S1006-0500-6.00	1/2"	6.00"	1.49"	1.00"	1.00"	S1/4-28x1/4 (2)

Note: Set Screws are included.



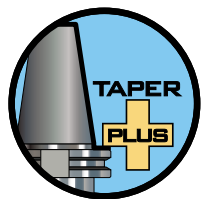
Set Screws
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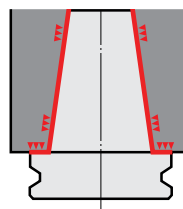
R8 Collet
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Taper Plus CAT End Mill Holders

Taper Plus Advantages

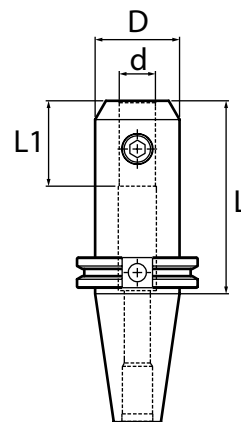


- Outstanding runout accuracy for longer tool life
- Vibration dampening for increased productivity
- High rigidity for smooth and stable cutting
- Interchangeable between standard and dual face contact spindles
- 53% more surface area contact than just the taper alone



Taper Plus - CAT40

Part Number	d	L	L1	D	Set Screw Part Number
NC4006-0500-2.50	1/2"	2.50"	1.50"	1.38"	S7/16-20X3/8
NC4006-0625-3.00	5/8"	3.00"	1.61"	1.65"	S9/16-18X1/2
NC4006-0750-3.00	3/4"	3.00"	1.77"	1.75"	S5/8-18X1/2
NC4006-1000-4.00	1"	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
NC4006-1250-4.00	1-1/4"	4.00"	2.55"	2.48"	S3/4-16X11/16 (2)
NC4006-1500-4.50	1-1/2"	4.50"	2.55"	2.99"	S3/4-16X11/16 (2)
NC4016-0500-4.00	1/2"	4.00"	1.50"	1.38"	S7/16-20X3/8
NC4016-0750-4.00	3/4"	4.00"	1.77"	1.75"	S5/8-18X1/2
NC4026-0500-5.00	1/2"	5.00"	1.50"	1.38"	S7/16-20X3/8



Taper Plus - CAT50

Part Number	d	L	L1	D	Set Screw Part Number
NC5006-0500-2.63	1/2"	2.63"	1.50"	1.38"	S7/16-20X3/8
NC5006-0625-3.00	5/8"	3.00"	1.61"	1.65"	S9/16-18X1/2
NC5006-0750-3.00	3/4"	3.00"	1.77"	1.89"	S5/8-18X1/2
NC5006-1000-4.00	1"	4.00"	2.36"	2.36"	S3/4-16X11/16 (2)
NC5006-1250-3.00A*	1-1/4"	3.00"	2.27"	2.87"	S3/4-16X7/8
NC5006-1250-4.00	1-1/4"	4.00"	2.55"	2.48"	S3/4-16X11/16 (2)
NC5006-1500-4.50	1-1/2"	4.50"	2.83"	2.99"	S3/4-16X11/16 (2)
NC5006-2000-5.35A*	2"	5.35"	3.38"	4.00"	S3/4-16X7/8
NC5006-2000-5.37	2"	5.37"	3.34"	3.74"	S1"-14x7/8
NC5006-2500-5.35A*	2-1/2"	5.35"	3.38"	5.00"	S3/4-16X7/8 (2)
NC5006-2500-6.00	2-1/2"	6.00"	3.66"	4.25"	S1"-14x7/8 (2)
NC5006-32-4.00	32mm	4.00"	2.55"	2.48"	S3/4-16X11/16 (2)
NC5006-40-4.50	40mm	4.50"	2.95"	3.07"	S3/4-16X11/16 (2)
NC5006-50-5.37	50mm	5.37"	3.35"	3.74"	S1"-14x7/8 (2)
NC5016-0500-4.00	1/2"	4.00"	1.50"	1.38"	S7/16-20X3/8
NC5016-0625-4.00	5/8"	4.00"	1.61"	1.65"	S9/16-18X1/2
NC5016-0750-4.00	3/4"	4.00"	1.77"	1.89"	S5/8-18X1/2
NC5016-1000-6.00	1"	6.00"	2.36"	2.36"	S3/4-16X11/16 (2)
NC5016-1250-6.00	1-1/4"	6.00"	2.55"	2.48"	S3/4-16X11/16 (2)
NC5026-0750-6.00	3/4"	6.00"	1.77"	1.89"	S5/8-18X1/2

Note: *Non-stocking item. Please contact us for more information.



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Tool Jaw
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End Mill Holder Accessories

Replacement Set Screws for End Mill Holders

Part Number	Size of Holder Internal Diameter
S6-32X1/4	1/8"
S8-32X1/4	3/16"
S1/4-28x1/4	1/4", 6mm
S5/16-24X1/4	5/16", 8mm
S3/8-24X5/16	3/8", 10mm
S7/16-20X3/8	7/16", 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
S1-14x7/8	2", 2-1/2"



Replacement Set Screws for Aerospace End Mill Holders

Part Number	Size of Holder Internal Diameter
S1/2-20UNF	5/8", 3/4", 7/8"
S3/4-16x7/16	1", 1-1/4", 1-1/2", 2", 2-1/2"



Coolant Tube for HSK Holders

Part Number	Description
HSK40-TUBE	Coolant Tube for HSK40 holders
HSK63-TUBE	Coolant Tube for HSK63 holders
HSK100-TUBE	Coolant Tube for HSK100 holders



Coolant Tube Wrench for HSK Holders

Part Number	Description
HSK40-WRENCH	Wrench for HSK40 Coolant Tube
HSK63-WRENCH	Wrench for HSK63 Coolant Tube
HSK100-WRENCH	Wrench for HSK100 Coolant Tube

Note: Coolant tube wrenches are needed to remove or install coolant tubes in HSK toolholders.



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INCREASED PRODUCTIVITY,
PROFITS IN YOUR POCKET!**

Heat Treated and Ion Nitrided Steel Worm Wheel greatly increases wear resistance and reduces backlash adjustment

Extreme rigidity, concentricity and precision with 4 arc second repeatability

Compact design to fit any CNC machining center

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ROTARY TABLE FEATURES



Unique Faceplate and Worm Wheel Assembly

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- Shorter distance from faceplate to gear allows for greater torsional forces to be sustained



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