



**DRILL CHUCKS AND
MORSE TAPER HOLDERS**



Drill Chucks Features

High-Precision, high-rigidity, compact design

Our Drill Chucks feature a unique compact design and small head which prevent the drill from slipping during drilling operations.

- Balanced to 12,000 RPM
- Coolant-thru capable
- Short compact two-pieces design for flexible replacement of head only
- Maintenance free

Taper ground to AT3 or better to ensure 80% taper contact

Nickel Chrome 4140 Alloy body

Nickel Chrome 4140 Alloy head

Hardened Lead Screw and ground pilot contribute to provide an additional 28% clamping force compared to other drill chucks

Nickel Chrome Molybdenum Ground 4340 alloy jaws hardened to 60Rc



CAT and BT Integral Keyless Drill Chucks



Speed: up to 12,000 RPM



Set-up: quick and easy



Coolant-Thru: available



Drilling



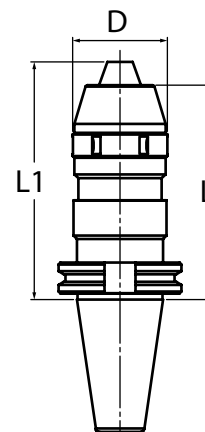
Reaming

- Compact design and small head prevent drill slippage during operation
- Balanced to 12,000 RPM
- Coolant-thru capable

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

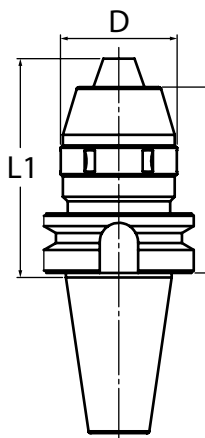
CAT40/50 Taper

Part Number	Taper	Capacity	L	L1	D
CAT40-NPU8-80U	CT40	5/16" (8.0mm)	3.40"	3.68"	1.36"
CAT50-NPU8-80U	CT50	5/16" (8.0mm)	3.25"	3.52"	1.36"
CAT50-NPU13-90U-IDU	CT50	1/2" (13.0mm)	3.26"	3.54"	1.81"



BT30/40/50 Taper

Part Number	Taper	Capacity	L	L1	D
BT30-NPU8-70	BT30	5/16" (8.0mm)	3.01"	3.29"	1.36"
BT30-NPU13-95	BT30	1/2" (13.0mm)	4.02"	4.45"	1.81"
BT40-NPU8-70	BT40	5/16" (8.0mm)	3.01"	3.29"	1.36"
BT40-NPU13-80	BT40	1/2" (13.0mm)	3.39"	3.82"	1.81"
BT50-NPU13-90	BT50	1/2" (13.0mm)	3.82"	4.26"	1.81"



NMTB, HSK and Straight Shank

- Compact design and small head prevent drill slippage during operation
- Balanced to 12,000 RPM
- Coolant-thru capable



Speed: up to 12,000 RPM



Set-up: quick and easy



Coolant-Thru: available



Drilling

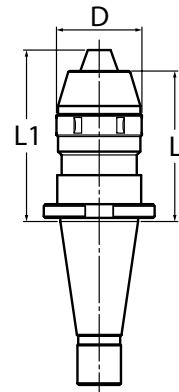


Reaming

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

NMTB40/50

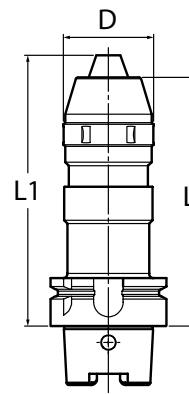
Part Number	Taper	Capacity	L	L1	D
NMTB40-NPU8-76	NMTB40	5/16" (8.0mm)	3.25"	3.52"	1.36"
NMTB40-NPU13-86	NMTB40	1/2" (13.0mm)	3.62"	4.06"	1.81"
NMTB50-NPU13-86	NMTB50	1/2" (13.0mm)	3.62"	4.06"	1.81"



HSK40A/100A

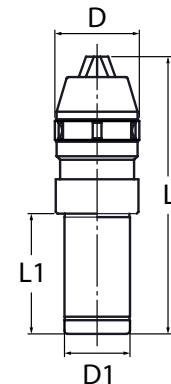
Part Number	Taper	Capacity	L	L1	D
HSK40A-NPU8-114	HSK40A	0-5/16" (0-8.0mm)	4.48"	4.76"	1.52"
HSK100A-NPU13C-145	HSK100A	1/2" (13.0mm)	5.98"	6.42"	1.81"

Note: Coolant Tubes and Coolant Tube Wrenches are sold separately. See page 153 for more details.



Straight Shank

Part Number	Capacity	D	D1	L	L1
D1.1/4-NPU13-6.23	3/32-1/2" (2-13.0mm)	1.92"	1.1/4"	6.23"	2.44"
D1.1/2-NPU13-6.35	3/32-1/2" (2-13.0mm)	1.92"	1.1/2"	6.35"	2.75"



Drill Chuck Accessories

Replacement Wrench for Drill Chuck

Part Number	Description
NPU8-SPAN	Fits 5/16" (8.0mm) Chucks
NPU13-SPAN	Fits 1/2" (13.0mm) Chucks



Replacement Drill Chuck

Part Number	Description
9NPU-8	Replacement 1/4" Chuck
9NPU-13	Replacement 1/2" Chuck



Coolant Tube Wrench for HSK Holders

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



Coolant Tube for HSK Holders

Part Number	Description
HSK40-TUBE	Coolant Tube for HSK40 Holders
HSK100-TUBE	Coolant Tube for HSK100 Holders

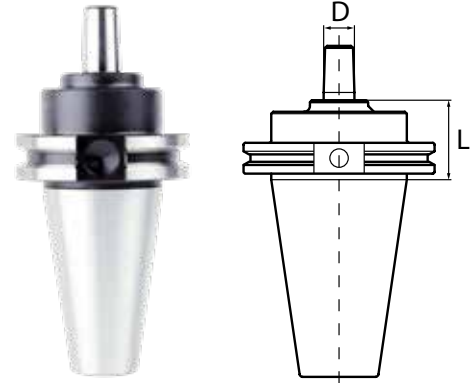


CAT and BT Jacobs® Taper Holders

Drill/Morse

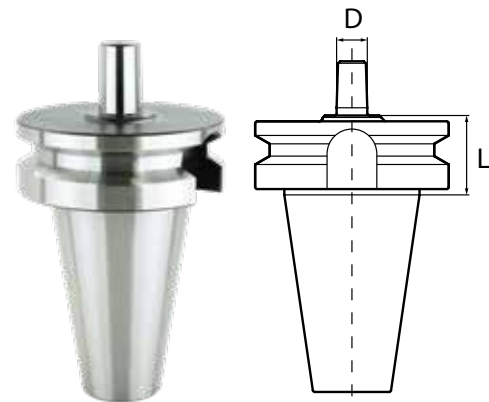
CAT40/50

Part Number	Taper	JT Size	L	D
C4003-0002-1.61	CT40	JT#2	1.61"	0.560"
C4003-0003-1.58	CT40	JT#3	1.58"	0.812"
C4003-0004-1.49	CT40	JT#4	1.49"	1.13"
C4003-0006-1.61	CT40	JT#6	1.61"	0.677"
C4003-0033-1.61	CT40	JT#33	1.61"	0.625"
C5003-0003-1.58	CT50	JT#3	1.58"	0.812"
C5003-0004-1.49	CT50	JT#4	1.49"	1.13"
C5003-0006-1.61	CT50	JT#6	1.61"	0.677"
C5003-0033-1.61	CT50	JT#33	1.61"	0.625"



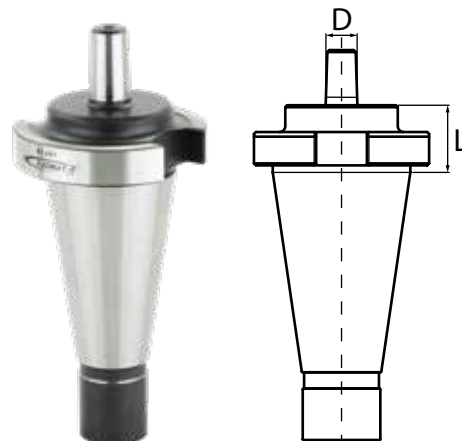
BT40

Part Number	Taper	JT Size	L	D
B4003-0002-1.61	BT40	JT#2	1.61"	0.560"
B4003-0033-1.61	BT40	JT#33	1.61"	0.625"



NMTB and R8 Jacobs® Taper Holders**NMTB40**

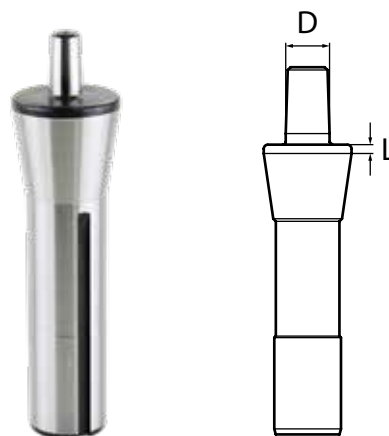
Part Number	Taper	JT Size	L	D
N4003-0002-0.65	NMTB40	JT#2	0.65"	0.560"
N4003-0003-0.61	NMTB40	JT#3	0.61"	0.812"
N4003-0033-0.65	NMTB40	JT#33	0.65"	0.625"



Drill/Morse

R8

Part Number	Taper	JT Size	L	D
870-001-0.13	R8	JT#1	0.13"	0.385"
870-002-0.13	R8	JT#2	0.13"	0.560"
870-003-0.13	R8	JT#3	0.13"	0.812"
870-006-0.13	R8	JT#6	0.13"	0.677"
870-033-0.13	R8	JT#33	0.13"	0.625"



Jacobs® Drill Chuck Accessories

Drill/Morse

Jacobs® Brand Drill Chuck

Part Number	Style	Jacobs® Taper Size	Description
8-1/2N	0 - 1/4"	JT#2	Heavy Duty Ball Bearing Chuck
100-J2	0 - 3/8"	JT#2	High Precision Keyless Chuck
100-J33	0 - 3/8"	JT#33	High Precision Keyless Chuck
11N	0 - 3/8"	JT#2	Heavy Duty Ball Bearing Chuck
130-J2	1/32 - 1/2"	JT#2	High Precision Keyless Chuck
130-J33	1/32 - 1/2"	JT#33	High Precision Keyless Chuck
130-J6	1/32 - 1/2"	JT#6	High Precision Keyless Chuck
130-JT33	1/32 - 1/2"	JT#33	High Precision High Torque Keyless Chuck
130-JT6	1/32 - 1/2"	JT#6	High Precision High Torque Keyless Chuck
14N	0 - 1/2"	JT#3	Heavy Duty Ball Bearing Chuck
160-J6	1/8 - 5/8"	JT#6	High Precision Keyless Chuck
160-JT6	1/8 - 5/8"	JT#6	High Precision High Torque Keyless Chuck
16N	1/8 - 5/8"	JT#3	Heavy Duty Ball Bearing Chuck
18N	1/8 - 3/4"	JT#4	Heavy Duty Ball Bearing Chuck
34-02	0 - 1/2"	JT#2	Heavy Duty Plain Bearing Chuck
34-06	0 - 1/2"	JT#6	Heavy Duty Plain Bearing Chuck
34-33	0 - 1/2"	JT#33	Heavy Duty Plain Bearing Chuck



Replacement Key

Part Number	Description
K-3	Key for Plain Bearing Chuck



CAT Morse Taper Holders



T.I.R.: minimal



Set-up: quick and easy



Coolant-Thru: available



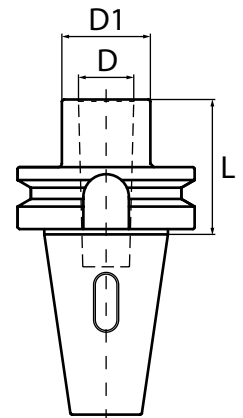
Drilling



Reaming

CAT40/50

Part Number	Taper	Size	L	D	D1
C4004-0002-2.36	CT40	MT#2	2.36"	0.700"	1.25"
C4004-0003-3.00	CT40	MT#3	3.00"	0.938"	1.57"
C4004-0004-3.54	CT40	MT#4	3.54"	1.23"	1.97"
C5004-0002-1.75	CT50	MT#2	1.75"	0.700"	1.25"
C5004-0003-1.75	CT50	MT#3	1.75"	0.938"	1.57"
C5004-0004-3.00	CT50	MT#4	3.00"	1.23"	1.97"
C5004-0005-4.13	CT50	MT#5	4.13"	1.75"	2.75"



NMTB and R8 Morse Taper Holders



T.I.R.: minimal



Set-up: quick and easy



Coolant-Thru: available



Drilling

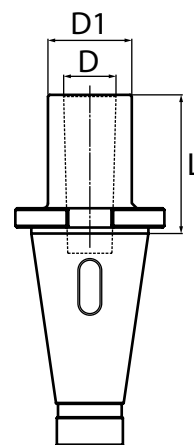


Reaming

Drill/Morse

NMTB40

Part Number	Taper	Size	L	D	D1
N4004-0001-0.94	NMTB40	MT#1	0.94"	0.48"	1.00"
N4004-0002-1.75	NMTB40	MT#2	1.75"	0.70"	1.25"
N4004-0003-2.25	NMTB40	MT#3	2.25"	0.94"	1.57"
N4004-0004-3.00	NMTB40	MT#4	3.00"	1.23"	1.97"



R8

Part Number	Taper	Size	L	D	D1
840-002-0.44	R8	MT#2	0.44"	0.70"	1.25"
840-003-2.56	R8	MT#3	2.56"	0.94"	1.57"

