



VC Collet Chuck Features

ULTRA PERFORMANCE

Extremely precise: 0.00012" or less concentricity guarantee with any collet

Extremely efficient: Ideal for high-speed machining, thread milling, ultra precision reaming

Flexible: Covers sizes from 0.079" to 0.5"

Extremely accurate: Double the accuracy over ER Collet Chucks, with 10 times better repeatability

8° versus 16° collet taper: Double the gripping power of ER Collet Chucks



Coolant-Thru Disc:

A perfect seal is formed between the nut and the coolant-thru disk. Ideal for coolant-thru tools.



Coolant-Thru Capabilities:

Jet Coolant Splash with J-Type Nut



Slotted Disc:

The jet coolant pressure creates a tornado effect, ensuring efficient swarf disposal.



VC Collet Chuck Features

The thick wall design of the VC holder body improves cutting rigidity

8° internal taper collet for greater accuracy and clamping capability

The ground ion nitrided thread of collet chuck highly improves the torque and accuracy

TiN BEARING NUT
(Hardness: HV2,200)
US Patent 6923451
Reduces friction to minimize runout caused by collet twisting

Collet compression force is perpendicular to the centerline of collet bore maximizing run out accuracy and gripping strength

Ground pilot helps centralize the collet while giving additional length support on the cutting tool

Symmetrical and simple external nut design without notches for ultra high speed rotation

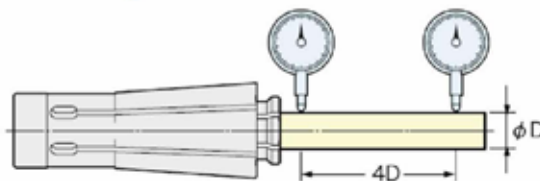
Extended Collet to minimize runout and to increase surface area contact of tooling

Easy, safe and reliable handling with GH wrench (see page 74)



High Runout Accuracy:

Within 0.00012" at 4 times the diameter of the cutting tool!
This produces better stability and improves surface finish and cutting tool life.



VC Collet Range:



VCK6: 2-6mm (1/8"-1/4")
VCK13: 3-12mm (1/8"-1/2")

VC Collet vs. Others:



VCK Collet

- Runout: 0.0001"
- 170N.m gripping power



ER Collet

- Runout: 0.0004"
- 80N.m gripping power



TG Collet

- Runout: 0.0003"
- 100N.m gripping power

CAT VC Collet Chucks

- Feature TiN Bearing Nut which considerably improves cutting rigidity and finish
- Extra thick body for aggressive milling
- High concentricity and repeatability
- Ideal for high-speed applications



T.I.R.: <0.00012" or better



Speed: up to 40,000 RPM



Set-up: quick and easy



Coolant-Thru: thru-tool coolant



Milling



Tapping



Drilling



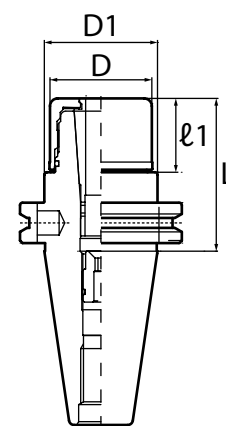
Reaming

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

CAT40

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
CAT40-VC6-60U	VCK6	0.125 - 0.250"	GH10	2.362"	0.906"	1.083"	1.083"	VCG6-8A
CAT40-VC6-90U	VCK6	0.125 - 0.250"	GH10	3.543"	2.047"	1.083"	1.244"	VCG6-8A
CAT40-VC6-120U	VCK6	0.125 - 0.250"	GH10	4.724"	3.228"	1.083"	1.409"	VCG6-8A
CAT40-VC13-60U	VCK13	0.125 - 0.500"	GH16	2.362"	1.142"	1.575"	1.575"	VCG13-15A
CAT40-VC13-90U	VCK13	0.125 - 0.500"	GH16	3.543"	2.756"	1.575"	1.083"	VCG13-15A
CAT40-VC13-120U	VCK13	0.125 - 0.500"	GH16	4.724"	3.937"	1.575"	1.083"	VCG13-15A

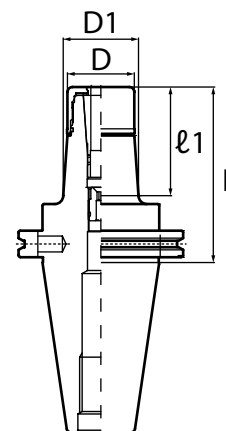
Notes: Wrenches are sold separately.



CAT50

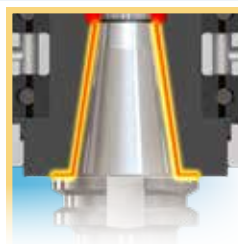
Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
CAT50-VC6-105U	VCK6	0.125 - 0.250"	GH10	4.134"	2.559"	1.083"	1.315"	VCG6-8A
CAT50-VC6-135U	VCK6	0.125 - 0.250"	GH10	5.315"	3.740"	1.083"	1.480"	VCG6-8A
CAT50-VC6-165U	VCK6	0.125 - 0.250"	GH10	6.496"	4.921"	1.083"	1.646"	VCG6-8A
CAT50-VC13-105U	VCK13	0.125 - 0.500"	GH16	4.134"	2.559"	1.575"	1.772"	VCG13-15A
CAT50-VC13-135U	VCK13	0.125 - 0.500"	GH16	5.315"	3.740"	1.575"	1.937"	VCG13-15A
CAT50-VC13-165U	VCK13	0.125 - 0.500"	GH16	6.496"	4.921"	1.575"	2.102"	VCG13-15A

Notes: Wrenches are sold separately.



Available in
TAPER PLUS
Dual-taper and flange contact available.

See page 70



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



BT VC Collet Chucks

**T.I.R.:** <0.00012" or better**Speed:** up to 40,000 RPM**Set-up:** quick and easy**Coolant-Thru:** thru-tool coolant

Milling



Tapping



Drilling



Reaming

- Feature TiN Bearing Nut which considerably improves cutting rigidity and finish
- Extra thick body for aggressive milling
- High concentricity and repeatability
- Ideal for high-speed applications

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

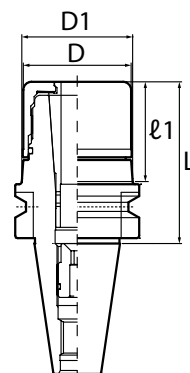
BT30

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
BT30-VC6-45	VCK6	0.125 - 0.250"	GH10	1.772"	0.906"	1.083"	1.083"	VCG6-8A
BT30-VC6-60	VCK6	0.125 - 0.250"	GH10	2.362"	1.378"	1.083"	1.248"	VCG6-8A
BT30-VC6-90	VCK6	0.125 - 0.250"	GH10	3.543"	2.559"	1.083"	1.315"	VCG6-8A
BT30-VC13-60	VCK13	0.125 - 0.500"	GH16	2.362"	1.457"	1.575"	1.618"	VCG13-15A
BT30-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.638"	1.575"	1.626"	VCG13-15A
BT30-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.819"	1.575"	1.669"	VCG13-15A

Note: Wrenches are sold separately.



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



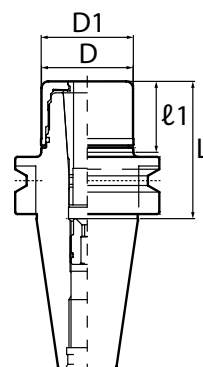
BT40

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
BT40-VC6-60	VCK6	0.125 - 0.250"	GH10	2.362"	1.181"	1.083"	1.181"	VCG6-8A
BT40-VC6-90	VCK6	0.125 - 0.250"	GH10	3.543"	2.362"	1.083"	1.287"	VCG6-8A
BT40-VC6-120	VCK6	0.125 - 0.250"	GH10	4.724"	3.543"	1.083"	1.452"	VCG6-8A
BT40-VC13-60	VCK13	0.125 - 0.500"	GH16	2.362"	1.220"	1.575"	1.586"	VCG13-15A
BT40-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.362"	1.575"	1.744"	VCG13-15A
BT40-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.543"	1.575"	1.909"	VCG13-15A

Note: Wrenches are sold separately.



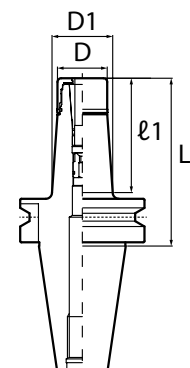
Available in **TAPER PLUS** Dual-taper and flange contact



BT50

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
BT50-VC6-105	VCK6	0.125 - 0.250"	GH10	4.134"	2.441"	1.083"	1.299"	VCG6-8A
BT50-VC6-135	VCK6	0.125 - 0.250"	GH10	5.315"	3.622"	1.083"	1.461"	VCG6-8A
BT50-VC6-165	VCK6	0.125 - 0.250"	GH10	6.496"	4.803"	1.083"	1.626"	VCG6-8A
BT50-VC13-105	VCK13	0.125 - 0.500"	GH16	4.134"	2.441"	1.575"	1.756"	VCG13-15A
BT50-VC13-135	VCK13	0.125 - 0.500"	GH16	5.315"	3.622"	1.575"	1.921"	VCG13-15A
BT50-VC13-165	VCK13	0.125 - 0.500"	GH16	6.496"	4.803"	1.575"	1.890"	VCG13-15A

Note: Wrenches are sold separately.



VCK Collets
Page 72



Nut Wrench
Page 74



Back-up screw
Page 74



Coolant-thru Nut
Page 74

HSK VC Collet Chucks

- Feature TiN Bearing Nut which considerably improves cutting rigidity and finish
- Extra thick body for aggressive milling
- High concentricity and repeatability
- Ideal for high-speed applications



T.I.R.: <0.00012" or better



Speed: up to 40,000 RPM



Set-up: quick and easy



Coolant-Thru: thru-tool coolant



Milling



Tapping



Drilling



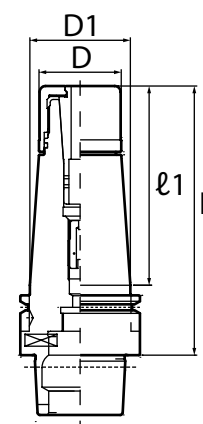
Reaming

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

HSK40A

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
HSK40A-VC6-65	VCK6	0.125 - 0.250"	GH10	2.559"	1.693"	1.083"	1.362"	VCG6-8A
HSK40A-VC6-90	VCK6	0.125 - 0.250"	GH10	3.543"	2.677"	1.083"	1.330"	VCG6-8A
HSK40A-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.756"	1.575"	1.575"	VCG13-15A
HSK40A-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.937"	1.575"	1.575"	VCG13-15A

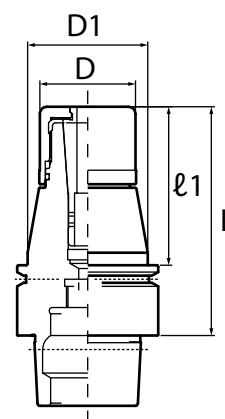
Note: Wrench, Coolant Tubes and Coolant Tube Wrenches are sold separately. See page 74 for more details.



HSK40E

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
HSK40E-VC6-65	VCK6	0.125 - 0.250"	GH10	2.559"	1.693"	1.083"	1.362"	VCG6-8A
HSK40E-VC6-90	VCK6	0.125 - 0.250"	GH10	3.543"	2.677"	1.083"	1.330"	VCG6-8A
HSK40E-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.756"	1.575"	1.575"	VCG13-15A
HSK40E-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.937"	1.575"	1.575"	VCG13-15A

Note: Wrench, Coolant Tubes and Coolant Tube Wrenches are sold separately. See page 74 for more details.



HSK VC Collet Chucks

**T.I.R.:** <0.00012" or better**Speed:** up to 40,000 RPM**Set-up:** quick and easy**Coolant-Thru:** thru-tool coolant

Milling



Tapping



Drilling



Reaming

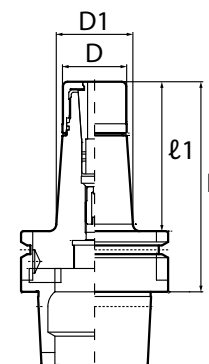
- Feature TiN Bearing Nut which considerably improves cutting rigidity and finish
- Extra thick body for aggressive milling
- High concentricity and repeatability
- Ideal for high-speed applications

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

HSK63A

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
HSK63A-VC6-70	VCK6	0.125 - 0.250"	GH10	2.760"	1.614"	1.083"	1.330"	VCG6-8A
HSK63A-VC6-90	VCK6	0.125 - 0.250"	GH10	2.540"	2.402"	1.083"	1.291"	VCG6-8A
HSK63A-VC6-120	VCK6	0.125 - 0.250"	GH10	4.724"	3.583"	1.083"	1.457"	VCG6-8A
HSK63A-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.520"	1.575"	1.752"	VCG13-15A
HSK63A-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.622"	1.575"	1.921"	VCG13-15A

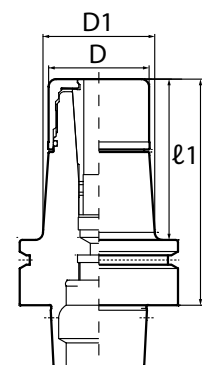
Note: Wrench, Coolant Tubes and Coolant Tube Wrenches are sold separately.
See page 74 for more details.



HSK63F

Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
HSK63F-VC6-65	VCK6	0.125 - 0.250"	GH10	2.559"	1.457"	1.083"	1.083"	VCG6-8A
HSK63F-VC6-90	VCK6	0.125 - 0.250"	GH10	3.543"	2.402"	1.083"	1.205"	VCG6-8A
HSK63F-VC6-120	VCK6	0.125 - 0.250"	GH10	4.724"	3.583"	1.083"	1.370"	VCG6-8A
HSK63F-VC13-90	VCK13	0.125 - 0.500"	GH16	3.543"	2.520"	1.575"	1.670"	VCG13-15A
HSK63F-VC13-120	VCK13	0.125 - 0.500"	GH16	4.724"	3.622"	1.575"	1.835"	VCG13-15A

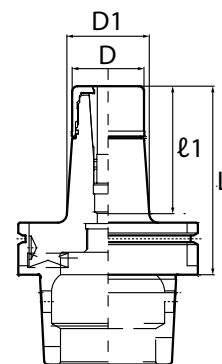
Note: Wrench, Coolant Tubes and Coolant Tube Wrenches are sold separately.
See page 74 for more details.



HSK100A

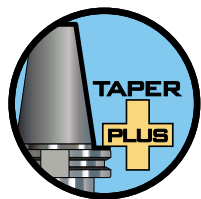
Part Number	Collet Size	Collet Range	Wrench	L	ℓ1	D	D1	Back-up Screw
HSK100A-VC6-105	VCK6	0.125 - 0.250"	GH10	4.134"	2.795"	1.083"	1.346"	VCG6-8A
HSK100A-VC6-135	VCK6	0.125 - 0.250"	GH10	5.315"	3.976"	1.083"	1.512"	VCG6-8A
HSK100A-VC6-165	VCK6	0.125 - 0.250"	GH10	6.496"	5.157"	1.083"	1.677"	VCG6-8A
HSK100A-VC13-105	VCK13	0.125 - 0.500"	GH16	4.134"	2.795"	1.575"	1.807"	VCG6-8A
HSK100A-VC13-135	VCK13	0.125 - 0.500"	GH16	5.315"	3.976"	1.575"	1.972"	VCG13-15A
HSK100A-VC13-165	VCK13	0.125 - 0.500"	GH16	6.496"	5.157"	1.575"	2.138"	VCG13-15A

Note: Wrench, Coolant Tubes and Coolant Tube Wrenches are sold separately.
See page 74 for more details.

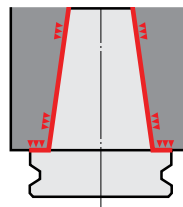
VCK Collets
Page 72Nut Wrench
Page 74Back-up screw
Page 74Coolant-thru Nut
Page 74Coolant Tube
Page 74

Taper Plus CAT VC Collet Chucks

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

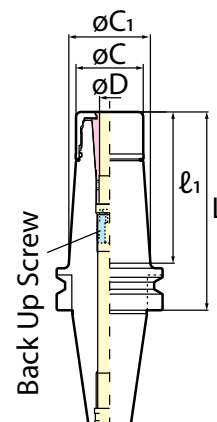


Taper Plus - CAT40 VC6

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NCAT40-VC6-60U	VC6	0.125 - 0.250"	GH10	2.362"	0.906"	1.083"	1.083"	0.078 - 0.236"	VCG6-8A
NCAT40-VC6-90U	VC6	0.125 - 0.250"	GH10	3.543"	2.047"	1.083"	1.244"	1.378 - 1.772"	VCG6-8A
NCAT40-VC6-120U	VC6	0.125 - 0.250"	GH10	4.724"	3.228"	1.083"	1.409"	1.378 - 1.772"	VCG6-8A

Taper Plus - CAT40 VC13

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NCAT40-VC13-60U	VC13	0.125 - 0.500"	GH16	2.362"	1.142"	1.575"	1.575"	0.125 - 0.500"	VCG13-15A
NCAT40-VC13-90U	VC13	0.125 - 0.500"	GH16	3.543"	2.756"	1.575"	1.750"	0.125 - 0.500"	VCG13-15A
NCAT40-VC13-120U	VC13	0.125 - 0.500"	GH16	4.724"	3.937"	1.575"	1.750"	0.125 - 0.500"	VCG13-15A



Taper Plus - CAT50 VC6

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NCAT50-VC6-105U	VC6	0.125 - 0.250"	GH10	4.134"	2.559"	1.083"	1.315"	0.078 - 0.236"	VCG6-8A
NCAT50-VC6-135U	VC6	0.125 - 0.250"	GH10	5.315"	3.740"	1.083"	1.480"	0.078 - 0.236"	VCG6-8A
NCAT50-VC6-165U	VC6	0.125 - 0.250"	GH10	6.496"	4.921"	1.083"	1.646"	0.078 - 0.236"	VCG6-8A

Taper Plus - CAT50 VC13

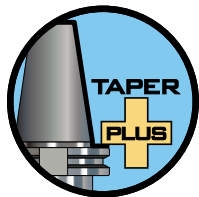
Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NCAT50-VC13-105U	VC13	0.125 - 0.500"	GH16	4.134"	2.559"	1.575"	1.773"	0.125 - 0.500"	VCG13-15A
NCAT50-VC13-135U	VC13	0.125 - 0.500"	GH16	5.315"	3.740"	1.575"	1.938"	0.125 - 0.500"	VCG13-15A
NCAT50-VC13-165U	VC13	0.125 - 0.500"	GH16	6.496"	4.921"	1.575"	2.104"	0.125 - 0.500"	VCG13-15A

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

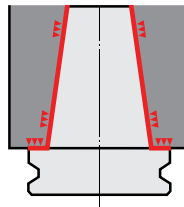


Taper Plus BT VC Collet Chucks

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

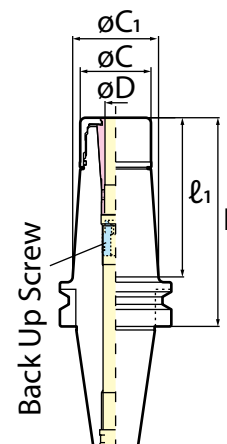


Taper Plus - BT30 VC6

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NBT30-VC6-45	VC6	0.125 - 0.250"	GH10	1.772"	0.906"	1.083"	1.083"	0.078 - 0.236"	VCG6-8A
NBT30-VC6-60	VC6	0.125 - 0.250"	GH10	2.362"	1.378"	1.083"	1.248"	0.078 - 0.236"	VCG6-8A
NBT30-VC6-90	VC6	0.125 - 0.250"	GH10	3.543"	2.559"	1.083"	1.315"	0.078 - 0.236"	VCG6-8A

Taper Plus - BT30 VC13

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NBT30-VC13-60	VC13	0.125 - 0.500"	GH16	2.362"	1.457"	1.575"	1.618"	0.125 - 0.500"	VCG13-15A
NBT30-VC13-90	VC13	0.125 - 0.500"	GH16	3.543"	2.638"	1.575"	1.626"	0.125 - 0.500"	VCG13-15A
NBT30-VC13-120	VC13	0.125 - 0.500"	GH16	4.724"	3.819"	1.575"	1.669"	0.125 - 0.500"	VCG13-15A



Taper Plus - BT40 VC6

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NBT40-VC6-60	VC6	0.125 - 0.250"	GH10	2.362"	1.181"	1.083"	1.181"	0.078 - 0.236"	VCG6-8A
NBT40-VC6-90	VC6	0.125 - 0.250"	GH10	3.543"	2.362"	1.083"	1.287"	0.078 - 0.236"	VCG6-8A
NBT40-VC6-120	VC6	0.125 - 0.250"	GH10	4.724"	3.543"	1.083"	1.453"	0.078 - 0.236"	VCG6-8A
NBT40-VC6-150	VC6	0.125 - 0.250"	GH10	5.906"	4.488"	1.083"	1.750"	0.078 - 0.236"	VCG6-8A

Taper Plus - BT40 VC13

Part Number	Collet Series	Collet Range	Wrench	L	ℓ1	C	C1	D	Back Up Screw
NBT40-VC13-60	VC13	0.125 - 0.500"	GH16	2.362"	1.220"	1.575"	1.587"	0.125 - 0.500"	VCG13-15A
NBT40-VC13-90	VC13	0.125 - 0.500"	GH16	3.543"	2.362"	1.575"	1.744"	0.125 - 0.500"	VCG13-15A
NBT40-VC13-120	VC13	0.125 - 0.500"	GH16	4.724"	3.543"	1.575"	1.909"	0.125 - 0.500"	VCG13-15A
NBT40-VC13-150	VC13	0.125 - 0.500"	GH16	5.906"	2.362"	1.575"	1.750"	0.125 - 0.500"	VCG13-15A

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



VCK Collets
Page 72



Nut Wrench
Page 74

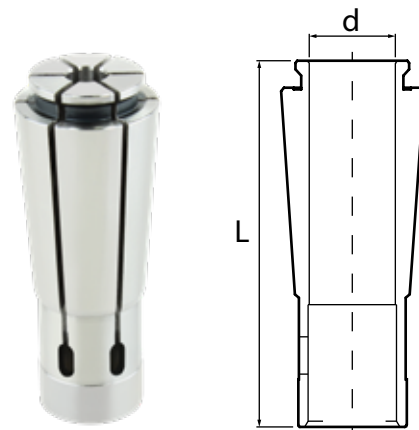


Back-up screw
Page 74



Coolant-thru Nut
Page 74

VCK Collets



Dimensional Data

Collet Series	L	Collet Range (d)
VCK6	1.567" (39.8mm)	1/8" - 1/4" (2mm - 6mm)
VCK13	2.126" (54mm)	1/8" - 1/2" (3mm - 12mm)

VCK6 Collets

Size range: 1/8" - 1/4"

Size range: 2.0 - 6.0mm
(0.079 - 0.236")

Inch

Part Number	Size	Collet Series	Part Number	Size	Collet Series
VCK6-1/8	1/8"	VCK6	VCK6-2	2.0mm	VCK6
VCK6-3/16	3/16"	VCK6	VCK6-3	3.0mm	VCK6
VCK6-1/4	1/4"	VCK6	VCK6-4	4.0mm	VCK6
			VCK6-5	5.0mm	VCK6
			VCK6-6	6.0mm	VCK6

Metric

VCK13 Collets

Size range: 1/8" - 1/2"

Size range: 3 - 12mm
(0.118 - 0.472")

Inch

Part Number	Size	Collet Series	Part Number	Size	Collet Series
VCK13-1/8	1/8"	VCK13	VCK13-3	3.0mm	VCK13
VCK13-3/16	3/16"	VCK13	VCK13-4	4.0mm	VCK13
VCK13-1/4	1/4"	VCK13	VCK13-5	5.0mm	VCK13
VCK13-5/16	5/16"	VCK13	VCK13-6	6.0mm	VCK13
VCK13-3/8	3/8"	VCK13	VCK13-7	7.0mm	VCK13
VCK13-7/16	7/16"	VCK13	VCK13-8	8.0mm	VCK13
VCK13-1/2	1/2"	VCK13	VCK13-9	9.0mm	VCK13
			VCK13-10	10.0mm	VCK13
			VCK13-11	11.0mm	VCK13
			VCK13-12	12.0mm	VCK13

Metric

Tightening Torque for VC Collet Chucks

Collet Type	Size	Nut Tightening Torque (ft/lbs)	
		< Ø3mm	Ø3 - Ø6mm
VC	VCK6	7-22	22-37
	VCK13	29-55	



VC Coolant Collet System

Collet Chuck	Collet	Coolant Nut Part Number	Cutting Tool Size	Coolant-Thru Disk Part Number	Slotted Disk Part Number	Disk Wrench Part Number	Blank Disk (machinable) Part Number
VC6	VCK6- range: 2 - 6mm [1/8" - 1/4"]	VCN-6BJ	2mm	-	-	SKJL-10	SKJ10-BLANK
			3mm	SKJ10-3C	SKJ10-3		
			4mm	SKJ10-4C	SKJ10-4		
			5mm	SKJ10-5C	SKJ10-5		
			6mm	SKJ10-6C	SKJ10-6		
			1/8"	SKJ10-1/8C	SKJ10-1/8		
			3/16"	SKJ10-3/16C	SKJ10-3/16		
			1/4"	SKJ10-1/4C	SKJ10-1/4		
VC13	VCK13- range: 3 - 12mm [1/8" - 1/2"]	VCN-13BJ	3mm	-	-	SKJL-16	SKJ16-BLANK
			4mm	-	-		
			5mm	-	-		
			6mm	SKJ16-6C	SKJ16-6		
			7mm	-	-		
			8mm	SKJ16-8C	SKJ16-8		
			10mm	SKJ16-10C	SKJ16-10		
			12mm	SKJ16-12C	SKJ16-12		
			1/8"	-	-		
			3/16"	-	-		
			1/4"	SKJ16-1/4C	SKJ16-1/4		
			5/16"	SKJ16-5/16C	SKJ16-5/16		
			3/8"	SKJ16-3/8C	SKJ16-3/8		
			7/16"	SKJ16-7/16C	SKJ16-7/16		
			1/2"	SKJ16-1/2C	SKJ16-1/2		



VC Collet Chuck Accessories

VC Back-up Screw

Part Number	Description
VCG6-8A	use with VC6 chucks
VCG13-15A	use with VC13 chucks



VC Nuts

Part Number	Description
VCN-6B	Standard Nut for VC6 chucks
VCN-6BJ	J Coolant Nut for VC6 chucks
VCN-13B	Standard Nut for VC13 chucks
VCN-13BJ	J Coolant Nut for VC13 chucks



VC Nut Wrenches

Part Number	Description
GH10	VC6 Chuck Wrench
GH16	VC13 Chuck Wrench



Coolant Tube Wrench

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



Coolant Tube

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

