

HSK SK Collet Chucks

- Feature TiN Bearing Nut which considerably improves cutting rigidity and finish
- Narrow body allows access to tight spaces and hard to reach areas
- Unique high-pressure coolant collet system for higher accuracy and gripping torque
- 8° taper SK collet provides double the clamping force and precision than ER Collet Chucks


T.I.R.: ≤ 0.0002" at 4xD

Speed: up to 30,000 rpm

Set-up: quick and easy

Coolant-Thru: thru-tool coolant


Milling



Tapping



Drilling

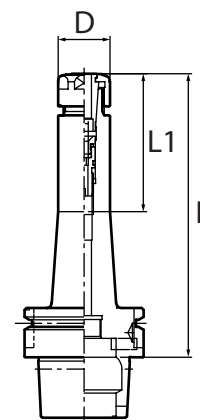


Reaming

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

HSK63A

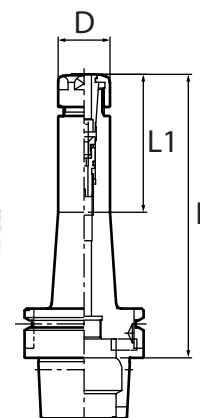
Part Number	Collet Size	Collet Range	Wrench	L	L1	D	Back-Up Screw
HSK63A-SK6C-100	SK6	0.028 - 0.236"	SKL-6W	3.937"	2.441"	0.768"	SGK6-6HG
HSK63A-SK6C-120	SK6	0.028 - 0.236"	SKL-6W	4.724"	2.441"	0.768"	SGK6-6HG
HSK63A-SK6C-150	SK6	0.028 - 0.236"	SKL-6W	5.906"	2.362"	0.768"	SGK6-6HG
HSK63A-SK10C-105	SK10	0.069 - 0.394"	SKL-10	4.134"	2.913"	1.083"	SGK10-10HG
HSK63A-SK10C-120	SK10	0.069 - 0.394"	SKL-10	4.724"	2.362"	1.083"	SGK10-10HG
HSK63A-SK10C-150	SK10	0.069 - 0.394"	SKL-10	5.906"	2.874"	1.083"	SGK10-10HG
HSK63A-SK16C-120	SK16	0.108 - 0.630"	9HC16	4.724"	3.583"	1.575"	SGK16-10HG
HSK63A-SK16C-150	SK16	0.108 - 0.630"	9HC16	5.906"	4.764"	1.575"	SGK16-12HG
HSK63A-SK25C-135	SK25	0.630 - 1.000"	9HC22	5.315"	4.252"	2.165"	SGK25-18HGE



Note: Wrench and back-up screw not included. Coolant tube and coolant tube wrench are sold separately.

HSK100A

Part Number	Collet Size	Collet Range	Wrench	L	L1	D	Back-Up Screw
HSK100A-SK6C-105	SK6	0.028 - 0.236"	SKL-6W	4.134"	2.441"	0.768"	SGK6-6HG
HSK100A-SK10C-105	SK10	0.069 - 0.394"	SKL-10	4.134"	2.244"	1.083"	SGK10-10HG
HSK100A-SK10C-120	SK10	0.069 - 0.394"	SKL-10	4.724"	2.913"	1.083"	SGK10-10HG
HSK100A-SK10C-150	SK10	0.069 - 0.394"	SKL-10	5.906"	3.150"	1.083"	SGK10-10HG
HSK100A-SK10C-200	SK10	0.069 - 0.394"	SKL-10	7.874"	2.953"	1.083"	SGK10-10HG
HSK100A-SK16C-120	SK16	0.108 - 0.630"	9HC16	4.724"	3.386"	1.575"	SGK16-10HG
HSK100A-SK16C-150	SK16	0.108 - 0.630"	9HC16	5.906"	3.543"	1.575"	SGK16-12HG
HSK100A-SK16C-200	SK16	0.108 - 0.630"	9HC16	7.874"	3.543"	1.575"	SGK16-12HG
HSK100A-SK25C-145	SK25	0.630 - 1.000"	9HC22	5.709"	4.370"	2.165"	SGK25-18HGE



Note: Wrench and back-up screw not included. Coolant tube and coolant tube wrench are sold separately.

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.

Coolant Tube for HSK Holders

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



ER Collet Chuck Accessories

Torque Wrench and Attachment for ER Collet Chuck Nut

Part Number	Description
TQW-025	Torque Wrench for ER8 Chuck Nut
TQW-150	Torque Wrench for ER11/16/20/25/32/40 Chuck Nut
TQW-ER08	ER8 Attachment for TQW-025 Torque Wrench
TQW-ER11(17)	ER11 Attachment for TQW-150 Torque Wrench
TQW-ER16(32)	ER16 Attachment for TQW-150 Torque Wrench
TQW-ER20(32)	ER20 Attachment for TQW-150 Torque Wrench
TQW-ER25(43)	ER25 Attachment for TQW-150 Torque Wrench
TQW-ER32(50)	ER32 Attachment for TQW-150 Torque Wrench
TQW-ER40(63)	ER40 Attachment for TQW-150 Torque Wrench

Note: (XX) Denotes nut diameter.



Replacement Back Up Screws for ER Collet Chuck

Part Number	Description
ER8-3	ER8 Backup Screws
ER8-3 (C)	ER8 Coolant-thru Backup Screws
ER11-3	ER11 Backup Screws*
ER11-3 (C)	ER11 Coolant-thru Backup Screws*
ER16-3	ER16 Backup Screws
ER16-3 (C)	ER16 Coolant-thru Backup Screws
ER20-3	ER20 Backup Screws
ER20-3 (C)	ER20 Coolant-thru Backup Screws
ER25-3	ER25 Backup Screws
ER25-3 (C)	ER25 Coolant-thru Backup Screws
ER32-3	ER32 Backup Screws
ER32-3 (C)	ER32 Coolant-thru Backup Screws
ER40-3	ER40 Backup Screws
ER40-3 (C)	ER40 Coolant-thru Backup Screws

Note: *ER11-3 can also be used with ER16 Collet Chuck Extension.



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.



Coolant Tube for HSK Holders

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



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



HSK MMC Collet Chucks



T.I.R.: <.00012" or better



Speed: up to 30,000 RPM



Set-up: quick and easy to operate



Coolant-Thru: thru-tool coolant



Milling



Reaming



Drilling



Tapping

- No nut required.
- Slim, compact nose front clamping allows for greater rigidity and precision gripping.
- High concentricity and repeatability.
- Easy-to-use draw-in collet clamping pulled by standard side wrench.
- Pre-balanced 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/100A

Part Number	Collet Series	Collet Range	Wrench	L	L1	D
HSK63A-MMC8C-115	VMK8	1/8 - 3/8" (2 - 8mm)	Wrench-ALLEN6	4.528"	1.299"	0.787"
HSK63A-MMC12C-110-A*	VMK12	3/16 - 1/2" (4 - 12mm)	Wrench-THEX6	4.331"	1.417"	1.181"
HSK63A-MMC12C-117	VMK12	3/16 - 1/2" (4 - 12mm)	Wrench-ALLEN6	4.606"	1.417"	1.181"
HSK100A-MMC8C-130	VMK8	1/8 - 3/8" (2 - 8mm)	Wrench-ALLEN6	5.118"	1.299"	0.787"
HSK100A-MMC12C-130	VMK12	3/16 - 1/2" (4 - 12mm)	Wrench-ALLEN6	5.118"	1.417"	1.181"

Notes:

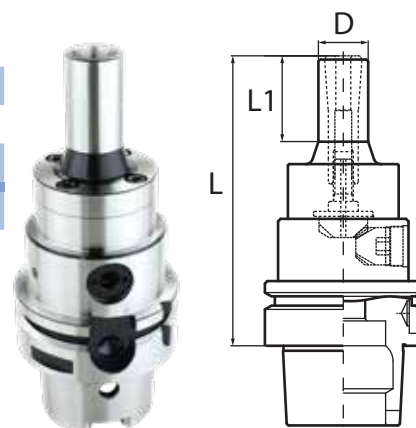
- *Wrench included with holder except for A-type holders.
- *"A" denotes collet is drawn directly from the rear of the holder by a bolt.
- Coolant Tube and Wrench are sold separately (HSK63-TUBE/HSK63-WRENCH).



Wrench-THEX5



Wrench-ALLEN6



HSK63F

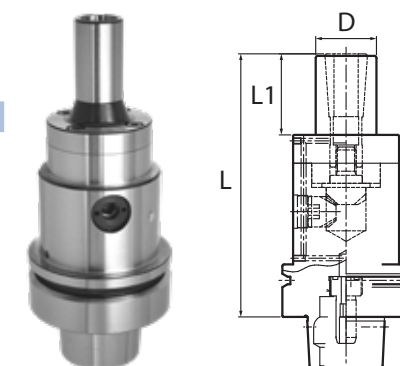
Part Number	Collet Series	Collet Range	Wrench	L	L1	D
HSK63F-MMC8C-127	VMK8	1/8 - 3/8" (2 - 8mm)	Wrench-ALLEN6	5.000"	1.299"	0.787"
HSK63F-MMC12C-129	VMK12	3/16 - 1/2" (4 - 12mm)	Wrench-ALLEN6	5.078"	1.417"	1.181"

Notes:

- Wrench included with holder.
- Coolant tube and wrench are sold separately (HSK63-TUBE/HSK63-WRENCH).



Wrench-ALLEN6



Coolant Tube Wrench for HSK Holders

Part Number	Description
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.

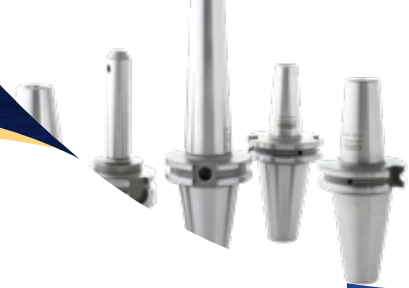


Coolant Tube for HSK Holders

Part Number	Description
HSK63-TUBE	Coolant Tube for HSK63 Holders
HSK100-TUBE	Coolant Tube for HSK100 Holders

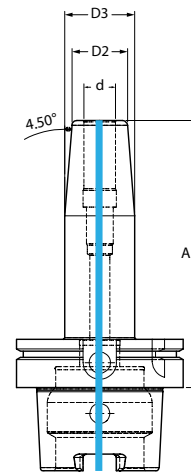


HSK 100A Shrink Fit Holders



EXTENDED

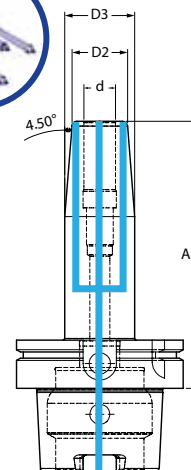
Part Number	d	A	D2	D3
H100A-SF0250-6.30	1/4"	6.30"	0.83"	1.06"
H100A-SF0375-6.30	3/8"	6.30"	0.94"	1.26"
H100A-SF0500-6.30	1/2"	6.30"	0.94"	1.26"
H100A-SF0625-6.30	5/8"	6.30"	1.06"	1.34"
H100A-SF0750-6.30	3/4"	6.30"	1.30"	1.65"
H100A-SF1000-6.30	1"	6.30"	1.73"	2.09"
H100A-SF1250-6.30	1.1/4"	6.30"	1.73"	2.09"
H100A-SF6-160	6mm	6.30"	0.83"	1.06"
H100A-SF10-160	10mm	6.30"	0.94"	1.26"
H100A-SF12-160	12mm	6.30"	0.94"	1.26"
H100A-SF16-160	16mm	6.30"	1.06"	1.34"
H100A-SF20-160	20mm	6.30"	1.30"	1.65"
H100A-SF25-160	25mm	6.30"	1.73"	2.09"
H100A-SF32-160	32mm	6.30"	1.73"	2.09"



Extended - DIN69893A / DIN 69882-8

EXTENDED COOLANT PORTED

Part Number	d	A	D2	D3
H100A-SF0250-6.30CP	1/4"	6.30"	0.83"	1.06"
H100A-SF0375-6.30CP	3/8"	6.30"	0.94"	1.26"
H100A-SF0500-6.30CP	1/2"	6.30"	0.94"	1.26"
H100A-SF0625-6.30CP	5/8"	6.30"	1.06"	1.34"
H100A-SF0750-6.30CP	3/4"	6.30"	1.30"	1.65"
H100A-SF1000-6.30CP	1"	6.30"	1.73"	2.09"
H100A-SF1250-6.30CP	1.1/4"	6.30"	1.73"	2.09"
H100A-SF10-160CP	10mm	6.30"	0.94"	1.26"
H100A-SF12-160CP	12mm	6.30"	0.94"	1.26"
H100A-SF16-160CP	16mm	6.30"	1.06"	1.34"
H100A-SF20-160CP	20mm	6.30"	1.30"	1.65"
H100A-SF25-160CP	25mm	6.30"	1.73"	2.09"
H100A-SF32-160CP	32mm	6.30"	1.73"	2.09"



Coolant Port Option - DIN69893A / DIN 69882-8

Note: Coolant tube and coolant wrench not included.

Coolant Tube Wrench for HSK Holders

Part Number	Description
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.

Coolant Tube for HSK Holders

Part Number	Description
HSK63-TUBE	Coolant Tube for HSK63 holder
HSK100-TUBE	Coolant Tube for HSK100 holder



Milling Chuck Accessories

Wrench

Standard Style Part Number	High Speed Style Part Number	Use With
9HC22	GH20	3/4" Milling Chuck
9HC25	GH25	1" Milling Chuck
9HC32	GH32 GH32S	1.1/4" and 32mm Milling Chuck - OD = 68mm 1.1/4" and 32mm Milling Chuck - OD = 62-64mm
9HC50	-	2" Milling Chuck

Standard Wrench

High-Speed Wrench



Back-Up Screw

Standard Style Part Number	Coolant-Thru Style Part Number	Use With
750TL-3	750TL-3(C)	3/4" Milling Chuck
1000TL-3	1000TL-3(C)	1" Milling Chuck
1250TL-2	1250TL-2(C)	1.1/4" Milling Chuck with ID depth of 77mm or less
1250TL-3	1250TL-3(C)	1.1/4" Milling Chuck with ID depth of 105mm or more

Note: All back-up screws are 1000 PSI capable.



Coolant Tube for HSK Holders

Part Number	Description
HSK63-TUBE	Coolant Tube for HSK63 Holders
HSK100-TUBE	Coolant Tube for HSK100 Holders



Coolant Tube Wrench for HSK Holders

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

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



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.



Shell Mill Holder Accessories

Replacement Keys

Part Number	Description	To Use with Holder Size
1/2-KEYSET	1/4" rotating pins (2 Pcs.)	1/2"
3/4-KEYSET	5/16" keys with screws (2 Pcs.)	3/4"
1-KEYSET	3/8" keys with screws (2 Pcs.)	1"
1-1/4-KEYSET	1/2" keys with screws (2 Pcs.)	1-1/4"
1-1/2-KEYSET	5/8" keys with screws (2 Pcs.)	1-1/2"
2-KEYSET	3/4" keys with screws (2 Pcs.)	2"
2-1/2-KEYSET	1" keys with screws (2 Pcs.)	2-1/2"
22-KEYSET	10mm keys with screws (2 Pcs.)	22mm
27-KEYSET	12mm keys with screws (2 Pcs.)	27mm
32-KEYSET	14mm keys with screws (2 Pcs.)	32mm
40-KEYSET	16mm keys with screws (2 Pcs.)	40mm

Replacement Arbor Screws

Part Number	Head Diameter	Head Thickness	For the Following Shell/ Face Mill Sizes
A5/8-11	23.65mm (0.931")	15.7mm (0.618")	Face Mill Mounting Bolt
A1/4-28	17mm (0.669")	6mm (0.236")	1/2"
A1/4-28SL*	17mm (0.669")	6mm (0.236")	1/2"
A3/8-24	23.5mm (0.925")	8mm (0.315")	3/4"
A3/8-24SL*	23.5mm (0.925")	8mm (0.315")	3/4"
A1/2-20	31mm (1.220")	9.5mm (0.374")	1"
A1/2-20SL*	31mm (1.220")	9.5mm (0.374")	1"
A5/8-18	41mm (1.614")	11mm (0.433")	1-1/4"
A5/8-18SL*	41mm (1.614")	11mm (0.433")	1-1/4"
A3/4-16	49mm (1.929")	12.7mm (0.500")	1-1/2"
A3/4-16SL*	49mm (1.929")	12.7mm (0.500")	1-1/2"
A1-14	68mm (2.677")	18mm (0.709")	2"
A1-14SL*	68mm (2.677")	18mm (0.709")	2"
A10mm-P1.5	16mm (0.630")	10mm (0.394")	22.0mm
A12mm-P1.75	18mm (0.709")	12mm (0.472")	27.0mm
A16mm-P2	24mm (0.945")	16mm (0.630")	32.0mm
A20mm-P2.5	30mm (1.181")	20mm (0.787")	40.0mm

Note: *"SL" denotes a Slotted Arbor Screw.

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

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

Coolant Tube for HSK Holders

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



Tap Holder Accessories

Tap Collet Reducers

Part Number	Description
CRE-2/1	System #2 Reduction Adapter to System #1
CRE-3/2	System #3 Reduction Adapter to System #2



Tap Collet Racks

Part Number	Description
RACK-ER20/1TAP	System #1 Tap Collet Rack, 24 piece capacity
RACK-ER32/2TAP	System #2 Tap Collet Rack, 32 piece capacity



Spanner Wrench for Tap Holders

Part Number	Description
T05-SPAN	Fits System #1 Torque Control Tap Collets
T10-SPAN	Fits System #2 Torque Control Tap Collets
T15-SPAN	Fits System #3 Torque Control Tap Collets



Coolant Tube Wrench for HSK Holders

Part Number	Description
HSK63-WRENCH	Wrench for HSK40 Coolant Tube



Coolant Tube for HSK Holders

Part Number	Description
HSK63-TUBE	Coolant Tube for HSK63 holder

