TECHNIKS CERTIFIED COLLET CHUCKS

QUALITY & PERFORMANCE GUARANTEED

Techniks Certified means the critical features of each holder has been individually lab tested, measured and inspected for quality. Techniks Certified guarantees your holder will meet or beat our published specifications.

TAPER ACCURACY AT3

Taper ground to AT3 accuracy for maximum contact with spindle.

BALANCED TO 25,000 RPM @ G2.5

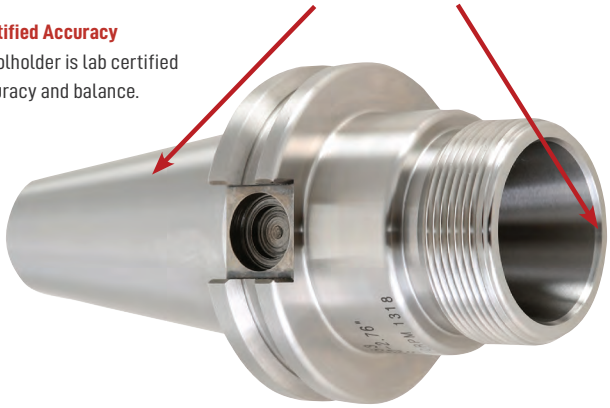
Custom balancing to 60,000 RPM available for optimal performance.

BALANCED NUT

Balanced nut reduces vibration to extend cutting tool life.

Taper-to-Pocket T.I.R. 0.0001"
Measured from taper O.D. to collet pocket I.D.

Lab Certified Accuracy
Each toolholder is lab certified for accuracy and balance.



Ultra Precision Collet
Each collet hand inspected. T.I.R. only 0.0002"



PowerCOAT Nuts
Our PowerCOAT nut holds 70% tighter than standard nuts for best T.I.R. and rigidity.



WITH TECHNIKS YOUR SUCCESS HANGS ON THE RELIABILITY OF EVERY COMPONENT.
TECHNIKS PRODUCTS ARE BACKED BY OUR 100% SATISFACTION GUARANTEE.

TECHNIKS
BUILT FOR SPEED

YOU LOSE 10% OF TOOL LIFE FOR EVERY .0001" OF T.I.R.
TECHNIKS COLLET CHUCKS EXTEND CUTTING TOOL LIFE.

CAT40 ER COLLET CHUCKS

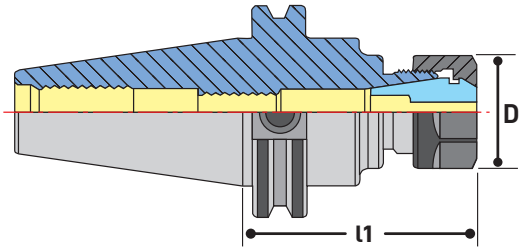
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



CAT40 ER COLLET CHUCKS

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
22213-3	CAT40 x ER11 - 3", hex nut	3"	.748"	.275"	16081	04608	41111
22225	CAT40 x ER16 - 2.76", hex nut	2.76"	1.08"	.406"	16083	04609	41116
22227	CAT40 x ER16 - 4", hex nut	4"	1.08"	.406"	16083	04609	41116
22231	CAT40 x ER16 - 6", hex nut	6"	1.08"	.406"	16083	04609	41116
22233	CAT40 x ER16 - 8", hex nut	8"	1.08"	.406"	16083	04609	41116
22233-10	CAT40 x ER16 - 10", hex nut	10"	1.08"	.406"	16083	04609	41116
22235	CAT40 x ER20 - 2.76", hex nut	2.76"	1.34"	.512"	16087	04610	41120
22237	CAT40 x ER20 - 4", hex nut	4"	1.34"	.512"	16087	04610	41120
22239	CAT40 x ER20 - 6", hex nut	6"	1.34"	.512"	16087	04610	41120
22239-8	CAT40 x ER20 - 8", hex nut	8"	1.34"	.512"	16087	04610	41120
22239-10	CAT40 x ER20 - 10", hex nut	10"	1.34"	.512"	16087	04610	41120
22243-2.5	CAT40 x ER25 - 2.5", slotted nut	2.5"	1.65"	.630"	16089	04615	41925
22243	CAT40 x ER25 - 2.76", slotted nut	2.76"	1.65"	.630"	16089	04615	41925
22245	CAT40 x ER25 - 4", slotted nut	4"	1.65"	.630"	16089	04615	41925
22247	CAT40 x ER25 - 6", slotted nut	6"	1.65"	.630"	16089	04615	41925
22251	CAT40 x ER25 - 8", slotted nut	8"	1.65"	.630"	16089	04615	41925
22253	CAT40 x ER32 - 2.76", slotted nut	2.76"	1.97"	.788"	16089	04616	41932
22255	CAT40 x ER32 - 4", slotted nut	4"	1.97"	.788"	16089	04616	41932
22257	CAT40 x ER32 - 6", slotted nut	6"	1.97"	.788"	16089	04616	41932
22259	CAT40 x ER32 - 8", slotted nut	8"	1.97"	.788"	16089	04616	41932
22259-10	CAT40 x ER32 - 10", slotted nut	10"	1.97"	.788"	16089	04616	41932
22261	CAT40 x ER40 - 3.15", slotted nut	3.15"	2.48"	1.023"	16091	04617	41940
22263	CAT40 x ER40 - 4", slotted nut	4"	2.48"	1.023"	16091	04617	41940
22265	CAT40 x ER40 - 6", slotted nut	6"	2.48"	1.023"	16091	04617	41940
22269	CAT40 x ER50 - 4", slotted nut	4"	3.07"	1.338"	16093	04618	41950

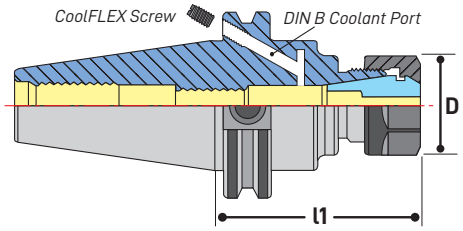
Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number. Coolant nuts are not available for ER50.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

CAT40 ER COLLET CHUCKS - COOLFLEX



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collets for improved results.

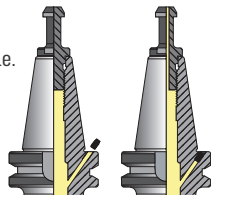
See page 48.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle. Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-4-6	40 taper DIN B screw



CAT40 ER COLLET CHUCKS COOLFLEX

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
22225F	CAT40 x ER16 - 2.76", hex nut	2.76"	1.08"	.406"	16083	04609	41116
22227F	CAT40 x ER16 - 4", hex nut	4"	1.08"	.406"	16083	04609	41116
22231F	CAT40 x ER16 - 6", hex nut	6"	1.08"	.406"	16083	04609	41116
22233F	CAT40 x ER16 - 8", hex nut	8"	1.08"	.406"	16083	04609	41116
22235F	CAT40 x ER20 - 2.76", hex nut	2.76"	1.34"	.512"	16087	04610	41120
22237F	CAT40 x ER20 - 4", hex nut	4"	1.34"	.512"	16087	04610	41120
22239F	CAT40 x ER20 - 6", hex nut	6"	1.34"	.512"	16087	04610	41120
22243F	CAT40 x ER25 - 2.76", slotted nut	2.76"	1.65"	.630"	16089	04615	41925
22245F	CAT40 x ER25 - 4", slotted nut	4"	1.65"	.630"	16089	04615	41925
22247F	CAT40 x ER25 - 6", slotted nut	6"	1.65"	.630"	16089	04615	41925
22251F	CAT40 x ER25 - 8", slotted nut	8"	1.65"	.630"	16089	04615	41925
22253F	CAT40 x ER32 - 2.76", slotted nut	2.76"	1.97"	.788"	16089	04616	41932
22255F	CAT40 x ER32 - 4", slotted nut	4"	1.97"	.788"	16089	04616	41932
22257F	CAT40 x ER32 - 6", slotted nut	6"	1.97"	.788"	16089	04616	41932
22259F	CAT40 x ER32 - 8", slotted nut	8"	1.97"	.788"	16089	04616	41932
22261F	CAT40 x ER40 - 3.15", slotted nut	3.15"	2.48"	1.023"	16091	04617	41940
22263F	CAT40 x ER40 - 4", slotted nut	4"	2.48"	1.023"	16091	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

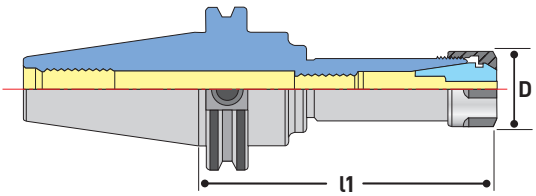
CAT40 ER COLLET CHUCKS - MINI NUT

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Narrow nut diameter for better clearance**
- **PowerCOAT Nut increases holding power by 75%**

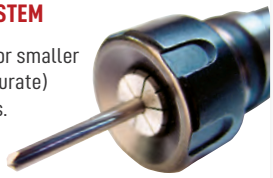


Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collets for improved results.

See page 48.





Coolant Options

- ER Coolant Rings (pg. 64)
- ER Steel Sealed Collets (pg. 50)
- ER Steel Sealed Collets with CoolBLAST (pg. 52)
- ER Coolant Collets (pg. 53)
- ER Mini Coolant Nuts (pg. 63)

CAT40 ER COLLET CHUCKS MINI NUT

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
22352	CAT40 x ER11 - 2.75", mini nut	2.75"	.63"	.275"	16081	04621	23111
22354	CAT40 x ER11 - 4", mini nut	4"	.63"	.275"	16081	04621	23111
22354-6	CAT40 x ER11 - 6", mini nut	6"	.63"	.275"	16081	04621	23111
22354-8.5	CAT40 x ER11 - 8.5", mini nut	8.5"	.63"	.275"	16081	04621	23111
22356	CAT40 x ER16 - 2.76", mini nut	2.76"	.87"	.406"	16083	04622	23116
22358	CAT40 x ER16 - 4", mini nut	4"	.87"	.406"	16083	04622	23116
22359	CAT40 x ER16 - 6", mini nut	6"	.87"	.406"	16083	04622	23116
22359-8	CAT40 x ER16 - 8", mini nut	8"	.87"	.406"	16083	04622	23116
22360	CAT40 x ER20 - 2.76", mini nut	2.76"	1.102"	.512"	16087	04623	23120
22362	CAT40 x ER20 - 4", mini nut	4"	1.102"	.512"	16087	04623	23120

Coolant Nut Option: Add "-C" to part number.

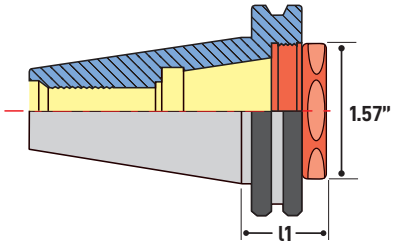
CAT40 ER COLLET CHUCKS - SUPER RIGID



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- Balanced to 25,000 RPM at G2.5
- Best T.I.R. and shortest projection of any collet chuck
- SuperRIGID for high torque or high speed machining





PowerCOAT
TE-22HN Nut

CAT40 ER COLLET CHUCKS SUPER RIGID

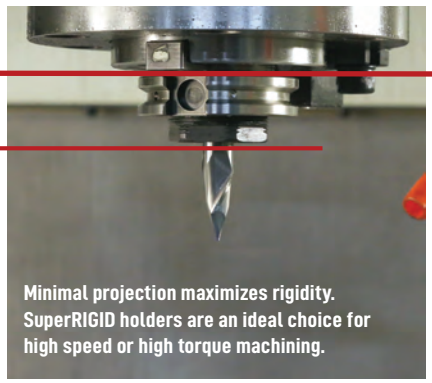
Part No.	Description	l1	Collet	Max. Shank	Wrench
22253S	CAT40 x ER32	1.10"	ER32	3/4" or 20mm	894-36
TE-22HN	hex style PowerCOAT replacement nut				

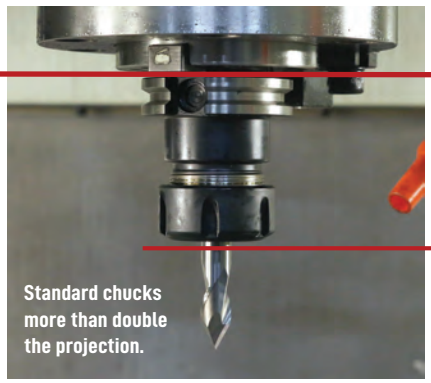
* Thru-spindle coolant capable.
* Compatible with sealed, tap, and standard collets.

TECHNIKS SUPER RIGID HOLDERS

STANDARD HOLDERS

minimum projection





standard projection

Minimum projection = increased rigidity, better T.I.R. and extended tool life.

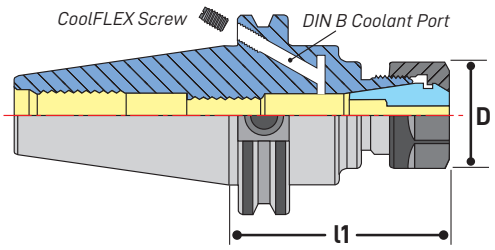
CAT40 ER COLLET CHUCKS - DUALDRIVE

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238

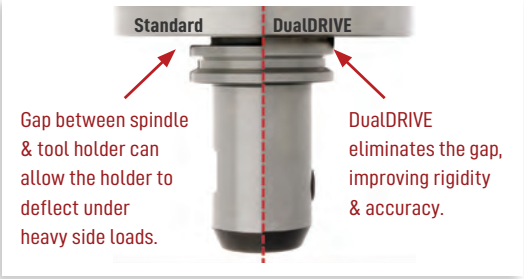


FEATURES

- DualDRIVE for dual-contact spindles increases rigidity and accuracy during machining
- Improved performance at high metal removal rates and when machining at extended lengths
- Through spindle and AD+B coolant enabled



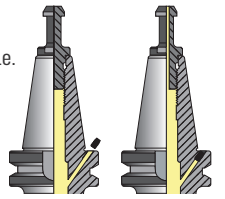
Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle.
Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-4-6	40 taper DIN B screw



CAT40 ER COLLET CHUCKS DUALDRIVE

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
46.122.16.276	SCAT40 x ER16 -2.76" DualDRIVE, hex nut	2.76"	1.08"	.406"	16083	04609	41116
46.122.16.400	SCAT40 x ER16 - 4" DualDRIVE, hex nut	4"	1.08"	.406"	16083	04609	41116
46.122.16.600	SCAT40 x ER16 - 6" DualDRIVE, hex nut	6"	1.08"	.406"	16083	04609	41116
46.122.16.800	SCAT40 x ER16 - 8" DualDRIVE, hex nut	8"	1.08"	.406"	16083	04609	41116
46.122.20.276	SCAT40 x ER20 -2.76" DualDRIVE, hex nut	2.76"	1.34"	.512"	16087	04610	41120
46.122.20.400	SCAT40 x ER20 - 4" DualDRIVE, hex nut	4"	1.34"	.512"	16087	04610	41120
46.122.20.600	SCAT40 x ER20 - 6" DualDRIVE, hex nut	6"	1.34"	.512"	16087	04610	41120
46.122.20.800	SCAT40 x ER20 - 8" DualDRIVE, hex nut	8"	1.34"	.512"	16087	04610	41120
46.122.32.276	SCAT40 x ER32 - 2.76" DualDRIVE, slotted nut	2.76"	1.97"	.788"	16089	04616	41932
46.122.32.400	SCAT40 x ER32 - 4" DualDRIVE, slotted nut	4"	1.97"	.788"	16089	04616	41932
46.122.32.600	SCAT40 x ER32 - 6" DualDRIVE, slotted nut	6"	1.97"	.788"	16089	04616	41932
46.122.32.800	SCAT40 x ER32 - 8" DualDRIVE, slotted nut	8"	1.97"	.788"	16089	04616	41932
46.122.40.315	SCAT40 x ER40 - 3.15" DualDRIVE, slotted nut	3.15"	2.48"	1.023"	16091	04617	41940
46.122.40.600	SCAT40 x ER40 - 6" DualDRIVE, slotted nut	6"	2.48"	1.023"	16091	04617	41940
46.122.40.800	SCAT40 x ER40 - 8" DualDRIVE, slotted nut	8"	2.48"	1.023"	16091	04617	41940

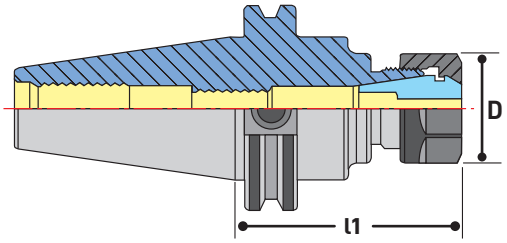
Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

CAT50 ER COLLET CHUCKS



FEATURES

- Balanced to 25,000 RPM at G2.5
- Maximum 0.0001" T.I.R. measured from taper to collet pocket
- PowerCOAT Nut increases holding power by 75%



CAT50 ER COLLET CHUCKS

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nuts
22281	CAT50 x ER16 - 4", hex nut	4"	1.08"	.406"	16083	04609	41116
22285	CAT50 x ER16 - 6", hex nut	6"	1.08"	.406"	16083	04609	41116
22287	CAT50 x ER16 - 8", hex nut	8"	1.08"	.406"	16083	04609	41116
22287-10T	CAT50 x ER16 - 10", hex nut	10"	1.08"	.406"	16083	04609	41116
22287-12T	CAT50 x ER16 - 12", hex nut	12"	1.08"	.406"	16083	04609	41116
22291	CAT50 x ER20 - 4", hex nut	4"	1.34"	.512"	16087	04610	41120
22293	CAT50 x ER20 - 6", hex nut	6"	1.34"	.512"	16087	04610	41120
22295	CAT50 x ER20 - 8", hex nut	8"	1.34"	.512"	16087	04610	41120
22295-10T	CAT50 x ER20 - 10", hex nut	10"	1.34"	.512"	16087	04610	41120
22295-12T	CAT50 x ER20 - 12", hex nut	12"	1.34"	.512"	16087	04610	41120
22303	CAT50 x ER25 - 4", slotted nut	4"	1.65"	.630"	16089	04615	41925
22305	CAT50 x ER25 - 6", slotted nut	6"	1.65"	.630"	16089	04615	41925
22307	CAT50 x ER25 - 8", slotted nut	8"	1.65"	.630"	16089	04615	41925
22307-9	CAT50 x ER25 - 9", slotted nut	9"	1.65"	.630"	16089	04615	41925
22311	CAT50 x ER32 - 4", slotted nut	4"	1.97"	.788"	16089	04616	41932
22313	CAT50 x ER32 - 6", slotted nut	6"	1.97"	.788"	16089	04616	41932
22317	CAT50 x ER32 - 8", slotted nut	8"	1.97"	.788"	16089	04616	41932
22317-10T	CAT50 x ER32 - 10", slotted nut	10"	1.97"	.788"	16089	04616	41932
22317-12T	CAT50 x ER32 - 12", slotted nut	12"	1.97"	.788"	16089	04616	41932
22321	CAT50 x ER40 - 4", slotted nut	4"	2.48"	1.023"	16091	04617	41940
22325	CAT50 x ER40 - 6", slotted nut	6"	2.48"	1.023"	16091	04617	41940
22327	CAT50 x ER40 - 8", slotted nut	8"	2.48"	1.023"	16091	04617	41940
22327-10T	CAT50 x ER40 - 10", slotted nut	10"	2.48"	1.023"	16091	04617	41940
22331	CAT50 x ER50 - 4", slotted nut	4"	3.07"	1.338"	16093	04618	41950
22335	CAT50 x ER50 - 6", slotted nut	6"	3.07"	1.338"	16093	04618	41950
22337	CAT50 x ER50 - 8", slotted nut	8"	3.07"	1.338"	16093	04618	41950

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number. Coolant nuts are not available for ER50.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

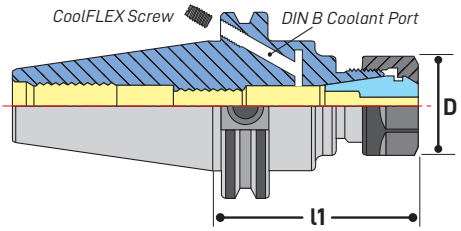
CAT50 ER COLLET CHUCKS - COOLFLEX

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collets for improved results.

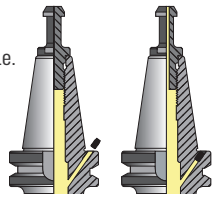
See page 48.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle. Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-6-6	50 taper DIN B screw



CAT50 ER COLLET CHUCKS COOLFLEX

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
22281F	CAT50 x ER16 - 4", hex nut	4"	1.08"	.406"	16083	04609	41116
22285F	CAT50 x ER16 - 6", hex nut	6"	1.08"	.406"	16083	04609	41116
22291F	CAT50 x ER20 - 4", hex nut	4"	1.34"	.512"	16087	04610	41120
22293F	CAT50 x ER20 - 6", hex nut	6"	1.34"	.512"	16087	04610	41120
22295F	CAT50 x ER20 - 8", hex nut	8"	1.34"	.512"	16087	04610	41120
22303F	CAT50 x ER25 - 4", slotted nut	4"	1.65"	.630"	16089	04615	41925
22311F	CAT50 x ER32 - 4", slotted nut	4"	1.97"	.788"	16089	04616	41932
22313F	CAT50 x ER32 - 6", slotted nut	6"	1.97"	.788"	16089	04616	41932
22317F	CAT50 x ER32 - 8", slotted nut	8"	1.97"	.788"	16089	04616	41932
22321F	CAT50 x ER40 - 4", slotted nut	4"	2.48"	1.023"	16091	04617	41940
22327F	CAT50 x ER40 - 8", slotted nut	8"	2.48"	1.023"	16091	04617	41940

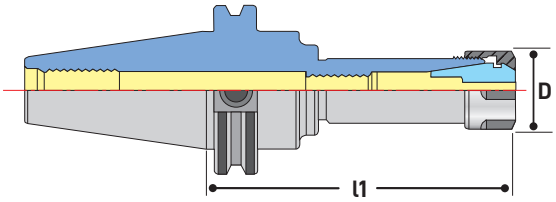
Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

CAT50 ER COLLET CHUCKS - MINI NUT



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Narrow nut diameter for better clearance**
- **PowerCOAT Nut increases holding power by 75%**



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collets for improved results.

See page 48.





Coolant Options

- ER Coolant Rings (pg. 64)
- ER Steel Sealed Collets (pg. 50)
- ER Steel Sealed Collets with CoolBLAST (pg. 52)
- ER Coolant Collets (pg. 53)
- ER Mini Coolant Nuts (pg. 63)

CAT50 ER COLLET CHUCKS MINI NUT

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
22364	CAT50 x ER16 - 4", mini nut	4"	.87"	.406"	16083	04622	23116
22366	CAT50 x ER16 - 6", mini nut	6"	.87"	.406"	16083	04622	23116
22368	CAT50 x ER20 - 4", mini nut	4"	1.102"	.512"	16087	04623	23120
22370	CAT50 x ER20 - 6", mini nut	6"	1.102"	.512"	16087	04623	23120

Coolant Nut Option: Add "-C" to part number.

CAT50 ER COLLET CHUCKS - SUPER RIGID

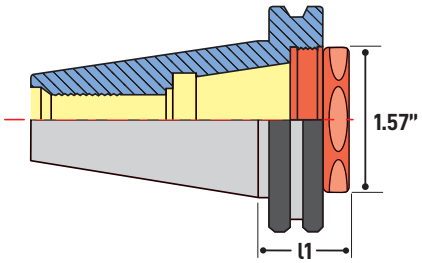
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Best T.I.R. and shortest projection of any collet chuck**
- **SuperRIGID for high torque or high speed machining**

Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.





PowerCOAT
TE-22HN Nut

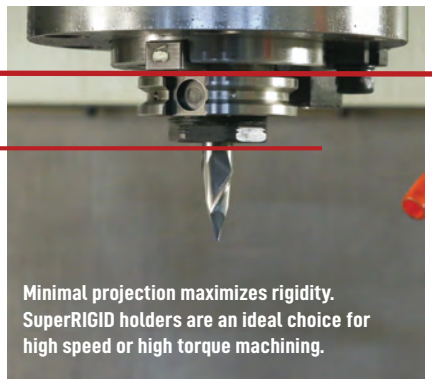
CAT50 ER COLLET CHUCKS SUPER RIGID

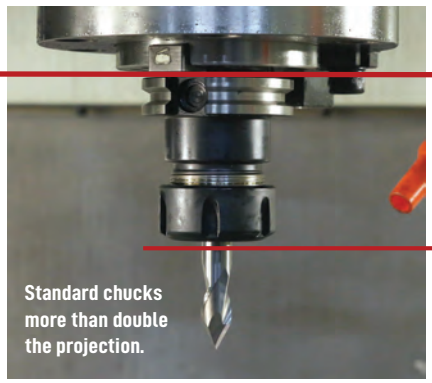
Part No.	Description	l1	Collet	Max. Shank	Wrench
22311S	CAT50 x ER32	1.10"	ER32	3/4" or 20mm	894-36
TE-22HN	hex style PowerCOAT nut				

* Thru-spindle coolant capable.
* Compatible with sealed, tap, and standard collets.

TECHNIKS SUPER RIGID HOLDERS

STANDARD HOLDERS





minimum projection

standard projection

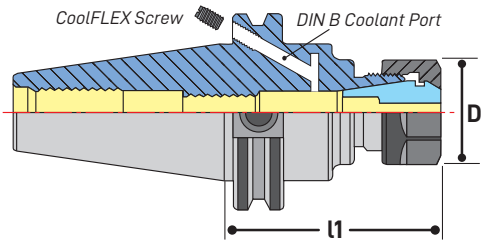
Minimum projection = increased rigidity, better T.I.R. and extended tool life.

CAT50 ER COLLET CHUCKS - DUALDRIVE

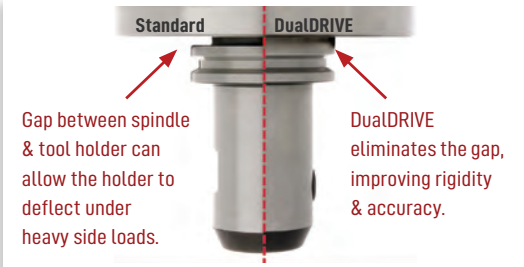


FEATURES

- **DualDRIVE for dual-contact spindles increases rigidity and accuracy during machining**
- **Improved performance at high metal removal rates and when machining at extended lengths**
- **Through spindle and AD+B coolant enabled**



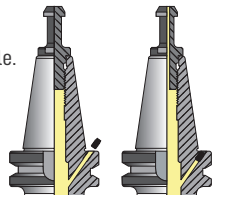
Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle.
Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-6-6	50 taper DIN B screw



CAT50 ER COLLET CHUCKS DUALDRIVE

Coolant Stop Screws page 41.

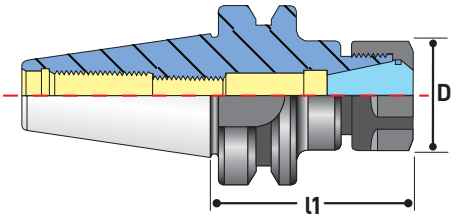
Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
47.122.16.400	SCAT50 x ER16 - 4" DualDRIVE	4"	1.08"	.406"	16083	04609	41116
47.122.16.600	SCAT50 x ER16 - 6" DualDRIVE	6"	1.08"	.406"	16083	04609	41116
47.122.16.800	SCAT50 x ER16 - 8" DualDRIVE	8"	1.08"	.406"	16083	04609	41116
47.122.20.400	SCAT50 x ER20 - 4" DualDRIVE	4"	1.34"	.512"	16087	04610	41120
47.122.20.600	SCAT50 x ER20 - 6" DualDRIVE	6"	1.34"	.512"	16087	04610	41120
47.122.20.800	SCAT50 x ER20 - 8" DualDRIVE	8"	1.34"	.512"	16087	04610	41120
47.122.32.400	SCAT50 x ER32 - 4" DualDRIVE	4"	1.97"	.788"	16089	04616	41932
47.122.32.600	SCAT50 x ER32 - 6" DualDRIVE	6"	1.97"	.788"	16089	04616	41932
47.122.32.800	SCAT50 x ER32 - 8" DualDRIVE	8"	1.97"	.788"	16089	04616	41932
47.122.40.400	SCAT50 x ER40 - 4" DualDRIVE	4"	2.48"	1.023"	16091	04617	41940
47.122.40.600	SCAT50 x ER40 - 6" DualDRIVE	6"	2.48"	1.023"	16091	04617	41940
47.122.40.800	SCAT50 x ER40 - 8" DualDRIVE	8"	2.48"	1.023"	16091	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

BT30 ER COLLET CHUCKS

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238





BT30 ER COLLET CHUCKS

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
16102	BT30 x ER16 - 60mm, hex nut	60mm	1.08"	.406"	16083	04609	41116
16101	BT30 x ER16 - 70mm, hex nut	70mm	1.08"	.406"	16083	04609	41116
16103	BT30 x ER16 - 90mm, hex nut	90mm	1.08"	.406"	16083	04609	41116
16104	BT30 x ER16 - 100mm, hex nut	100mm	1.08"	.406"	16083	04609	41116
16105	BT30 x ER16 - 120mm, hex nut	120mm	1.08"	.406"	16083	04609	41116
16106	BT30 x ER20 - 70mm, hex nut	70mm	1.34"	.512"	16087	04610	41120
16107	BT30 x ER20 - 135mm, hex nut	135mm	1.34"	.512"	16087	04610	41120
16108-2.5	BT30 x ER20 - 63.5mm, hex nut	63.5mm	1.34"	.512"	16087	04610	41120
16109	BT30 x ER25 - 70mm, slotted nut	70mm	1.65"	.630"	16089	04615	41925
16110	BT30 x ER25 - 60mm, slotted nut	60mm	1.65"	.630"	16089	04615	41925
16111-90	BT30 x ER25 - 90mm, slotted nut	90mm	1.65"	.630"	16089	04615	41925
16111	BT30 x ER25 - 135mm, slotted nut	135mm	1.65"	.630"	16089	04615	41925
16112	BT30 x ER32 - 60mm, slotted nut	60mm	1.97"	.788"	16089	04616	41932
16113	BT30 x ER32 - 70mm, slotted nut	70mm	1.97"	.788"	16089	04616	41932
16114	BT30 x ER32 - 100mm, slotted nut	100mm	1.97"	.788"	16089	04616	41932
16115	BT30 x ER40 - 80mm, slotted nut	80mm	2.48"	1.023"	16089	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

BT30 ER COLLET CHUCKS NO FLATS

Part No.	Description	l1	D	Stop Screw	Wrench	Nut
16106-W	BT30 x ER20 - 70 without drive slots	70mm	34mm	16087	04614	46120
16121	BT30 x ER32 - 60, 41mm no flats - Komo	60mm	50mm	16089	04616	46132
16131	BT30 x ER32 - 90 38mm no flats - Komo	90mm	50mm	16089	04616	46132

BT30 SYOZ 25 ER COLLET CHUCKS

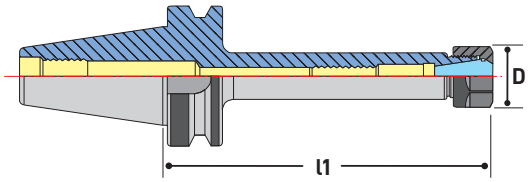
Part No.	Description	l1	D	Wrench	Nut
16001-W	BT30 x SYOZ 25 - 70, 38mm flats	70mm	60mm	83691	83632
16001	BT30 x SYOZ 25 - 70 with nut	70mm	60mm	83691	83632

BT35 ER COLLET CHUCKS

Part No.	Description	l1	D	Wrench	Nut
16010	BT 35 x SYOZ 25 - 76	76mm	60mm	83691	83632
161-BT35-ER32 76	BT 35 x ER32 - 76	76mm	50mm	04616	46132

BT30 ER COLLET CHUCKS





BT30 ER COLLET CHUCKS DUALDRIVE

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
25.122.16.060	SBT30 x ER16 - 60mm DualDRIVE	60mm	27.43mm	.406"	16083	04609	41116
25.122.16.060-C	SBT30 x ER16 - 60mm DualDRIVE w/ Coolant Nut	60mm	32mm	.406"	16083	04613	41116
25.122.16.060-SLOTNUT	SBT30 x ER16 - 60mm DualDRIVE w/ Slotted Nut	60mm	32mm	.406"	16083	04613	41116
25.122.16.090	SBT30 x ER16 - 90mm DualDRIVE	90mm	27.43mm	.406"	16083	04609	41116
25.122.16.090-C	SBT30 x ER16 - 90mm DualDRIVE w/ Coolant Nut	90mm	32mm	.406"	16083	04613	4116
25.122.16.090-SLOTNUT	SBT30 x ER16 - 90mm DualDRIVE w/ Slotted Nut	90mm	32mm	.406"	16083	04613	4116
25.122.16.105	SBT30 x ER16 - 105mm DualDRIVE	105mm	27.43mm	.406"	16083	04609	41116
25.122.16-105-C	SBT30 x ER16 - 105mm DualDRIVE w/ Coolant Nut	105mm	32mm	.406"	16083	04613	41116
25.122.20.105	SBT30 x ER20 - 105mm DualDRIVE	105mm	34.04mm	.512"	16087	04610	41120
25.122.20.060	SBT30 x ER20 - 60mm DualDRIVE	60mm	34.04mm	.512"	16087	04610	41120
25.122.20.060-SLOTNUT	SBT30 x ER20 - 60mm DualDRIVE w/ Slotted Nut	60mm	35mm	.512"	16087	04614	41120
25.122.20.090	SBT30 x ER20 - 90mm DualDRIVE	90mm	34.04mm	.512"	16087	04610	41120
25.122.20.090-SLOTNUT	SBT30 x ER20 - 90mm DualDRIVE w/ Slotted Nut	90mm	35mm	.512"	16087	04614	41120
25.122.25.060	SBT30 x ER25 - 60mm DualDRIVE	60mm	41.91mm	.630"	16089	04615	41925
25.122.32.060	SBT30 x ER32 - 60mm DualDRIVE	60mm	50.04mm	.788"	16089	04616	41925
25.122.32.060-C	SBT30 x ER32 - 60mm DualDRIVE w/ Coolant Nut	60mm	50mm	.788"	16089	04616	41925
25.122.32.090	SBT30 x ER32 - 90mm DualDRIVE	90mm	50.04mm	.788"	16089	04616	41925
25.122.32.090-C	SBT30 x ER32 - 90mm DualDRIVE w/ Coolant Nut	90mm	50mm	.788"	16089	04616	41925
25.122.40.080	SBT30 x ER40 - 80mm DualDRIVE	80mm	62.99mm	1.023"	16091	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

BT30 ER COLLET CHUCKS MINI NUT

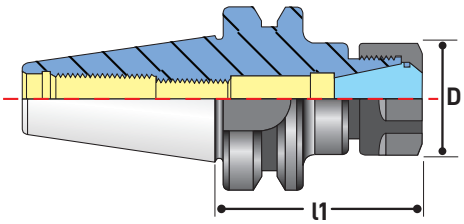
Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
16302	BT30 x ER11 - 70mm, mini nut	70	.63"	.275"	16081	04621	23111
16304	BT30 x ER11 - 100mm, mini nut	100mm	.63"	.275"	16081	04621	23111
16308	BT30 x ER16 - 70mm, mini nut	70mm	.87"	.406"	16083	04622	23116
16312	BT30 x ER16 - 120mm, mini nut	120mm	.87"	.406"	16083	04622	23116
16313	BT30 x ER20 - 70mm, mini nut	70mm	1.102"	.512"	16087	04623	23120
16314	BT30 x ER20 - 100mm, mini nut	100mm	1.102"	.512"	16087	04623	23120
16318	BT30 x ER20 - 150mm, mini nut	150mm	1.102"	.512"	16087	04623	23120

Coolant Nut Option: Add "-C" to part number.

BT40 ER COLLET CHUCKS

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238





BT40 ER COLLET CHUCKS

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
16151	BT40 x ER16 - 70mm, hex nut	70mm	1.08"	.406"	16083	04609	41116
16153	BT40 x ER16 - 100mm, hex nut	100mm	1.08"	.406"	16083	04609	41116
16155	BT40 x ER16 - 125mm, hex nut	125mm	1.08"	.406"	16083	04609	41116
16157	BT40 x ER16 - 150mm, hex nut	150mm	1.08"	.406"	16083	04609	41116
16158	BT40 x ER16 - 180mm, hex nut	180mm	1.08"	.406"	16083	04609	41116
16159	BT40 x ER20 - 70mm, hex nut	70mm	1.34"	.512"	16085	04610	41120
16162	BT40 x ER20 - 100mm, hex nut	100mm	1.34"	.512"	16085	04610	41120
16165	BT40 x ER20 - 135mm, hex nut	135mm	1.34"	.512"	16085	04610	41120
16167	BT40 x ER20 - 150mm, hex nut	150mm	1.34"	.512"	16085	04610	41120
16169	BT40 x ER25 - 70mm, slotted nut	70mm	1.65"	.630"	16089	04615	41925
16171	BT40 x ER25 - 100mm, slotted nut	100mm	1.65"	.630"	16089	04615	41925
16175	BT40 x ER25 - 150mm, slotted nut	150mm	1.65"	.630"	16089	04615	41925
16177	BT40 x ER32 - 70mm, slotted nut	70mm	1.97"	.788"	16089	04616	41932
16179	BT40 x ER32 - 100mm, slotted nut	100mm	1.97"	.788"	16089	04616	41932
16181	BT40 x ER32 - 150mm, slotted nut	150mm	1.97"	.788"	16089	04616	41932
16183	BT40 x ER40 - 80mm, slotted nut	80mm	2.48"	1.023"	16089	04617	41940
16185	BT40 x ER40 - 100mm, slotted nut	100mm	2.48"	1.023"	16089	04617	41940
16189	BT40 x ER40 - 150mm, slotted nut	150mm	2.48"	1.023"	16089	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

BT40 ER COLLET CHUCKS DUALDRIVE

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
28.122.25.100	SBT 40 x ER 25 - 100mm DualDRIVE, slotted nut	100mm	1.65"	.630"	16089	04615	04615
28.122.32.200	SBT 40 X ER 32 - 200mm DualDRIVE, slotted nut	200mm	1.97"	.788"	16089	04616	04616
26.123.16.070	SBT 40 x ER 16M - 70mm DualDRIVE, mini nut	70mm	.63"	.275"	16083	04622	04622
26.123.16.150	SBT 40 x ER 16M - 150mm DualDRIVE, mini nut	150mm	.63"	.275"	16083	04622	04622
26.122.32.070	SBT 40 x ER 32 - 70mm DualDRIVE	70mm	1.97"	.788"	16089	04616	04616
26.122.32.100	SBT 40 x ER 32 - 100mm DualDRIVE	100mm	1.97"	.788"	16089	04616	04616
26.122.32.150	SBT 40 x ER 32 - 150mm DualDRIVE	150mm	1.97"	.788"	16089	04616	04616

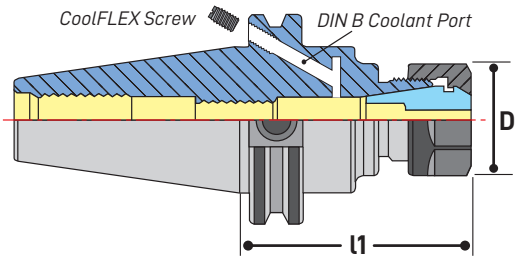
Coolant Nut Option: Add "-C" to part number.

BT40 ER COLLET CHUCKS - COOLFLEX



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **Coolant-thru spindle or thru flange (DIN B)**

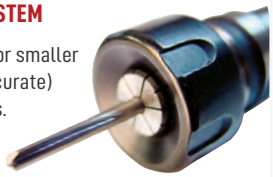


Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (Dead Nuts Accurate) collets for improved results.

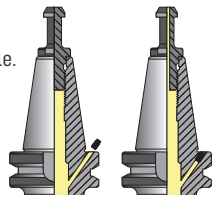
See page 48.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle. Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-4-6	40 taper DIN B screw



BT40 ER COLLET CHUCKS COOLFLEX

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
16151F	BT40 x ER16 - 70mm, hex nut, CoolFLEX	70mm	1.08"	.406"	16083	04609	41116
16153F	BT40 x ER16 - 100mm, hex nut, CoolFLEX	100mm	1.08"	.406"	16083	04609	41116
16157F	BT40 x ER16 - 150mm, hex nut, CoolFLEX	150mm	1.08"	.406"	16083	04609	41116
16159F	BT40 x ER20 - 70mm, hex nut, CoolFLEX	70mm	1.34"	.512"	16085	04610	41120
16162F	BT40 x ER20 - 100mm, hex nut, CoolFLEX	100mm	1.34"	.512"	16085	04610	41120
16167F	BT40 x ER20 - 150mm, hex nut, CoolFLEX	150mm	1.34"	.512"	16085	04610	41120
16177F	BT40 x ER32 - 70mm, slotted, CoolFLEX	70mm	1.97"	.788"	16089	04616	41932
16181F	BT40 x ER32 - 150mm, slotted, CoolFLEX	150mm	1.97"	.788"	16089	04616	41932

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

BT40 ER COLLET CHUCKS - MINI NUT

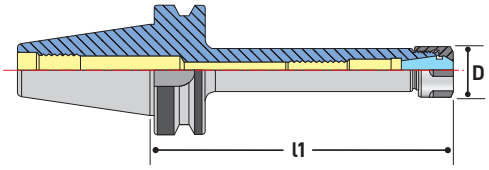
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

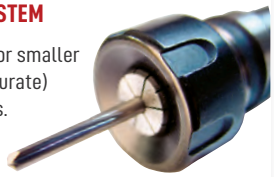
- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **Narrow nut diameter for better clearance**



TRY TECHNIKS DEAD NUTS ACCURATE DNA COLLETS & NUTS SYSTEM

For shank sizes 1/8" (3mm) or smaller use our DNA (dead nuts accurate) collets for improved results.

See page 48.





Coolant Options

- ER Coolant Rings (pg. 64)
- ER Steel Sealed Collets (pg. 50)
- ER Steel Sealed Collets with CoolBLAST (pg. 52)
- ER Coolant Collets (pg. 53)
- ER Mini Coolant Nuts (pg. 63)

BT40 ER COLLET CHUCKS MINI NUT

Coolant Stop Screws page 41.

Part No.	Description	L1	D	Max. Shank	Stop Screw	Wrench	Nut
16321	BT40 x ER11 - 70mm, mini nut	70mm	16mm	.275"	16081	04621	23111
16324	BT40 x ER11 - 150mm, mini nut	150mm	16mm	.275"	16081	04621	23111
16325	BT40 x ER16 - 70mm, mini nut	70mm	22mm	.406"	16083	04622	23116
16328	BT40 x ER16 - 150mm, mini nut	150mm	22mm	.406"	16083	04622	23116
16328-200	BT40 x ER16 - 200mm, mini nut	200mm	22mm	.406"	16083	04622	23116
16329	BT40 x ER20 - 70mm, mini nut	70mm	28mm	.512"	16087	04623	23120
16330	BT40 x ER20 - 100mm, mini nut	100mm	28mm	.512"	16087	04623	23120
16332	BT40 x ER20 - 150mm, mini nut	150mm	28mm	.512"	16087	04623	23120

Coolant Nut Option: Add "-C" to part number.

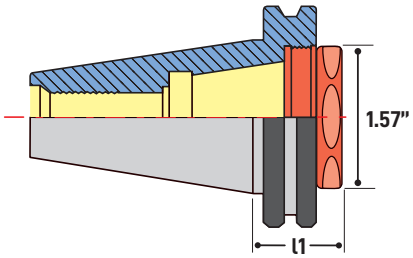
BT40 ER COLLET CHUCKS - SUPER RIGID



FEATURES

- Balanced to 25,000 RPM at G2.5
- Best T.I.R. and shortest projection of any collet chuck
- SuperRIGID for high torque or high speed machining

Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.





PowerCOAT
TE-22HN Nut

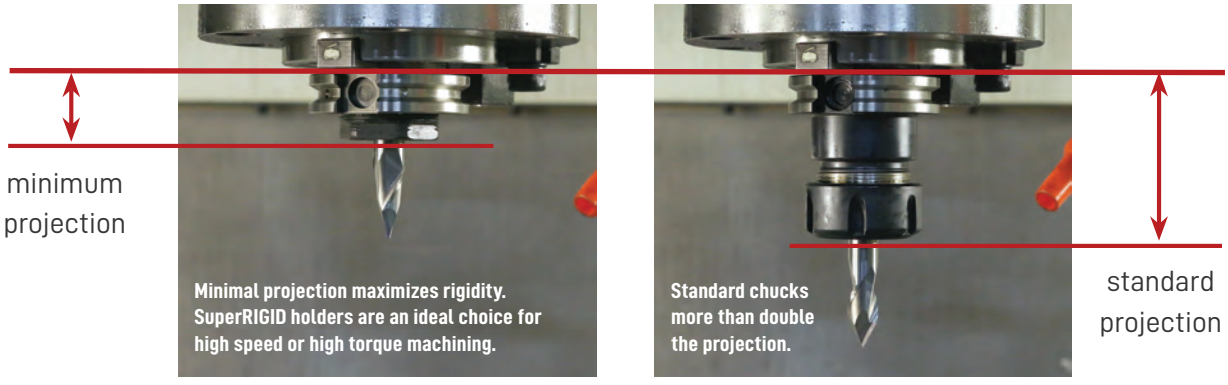
BT40 ER COLLET CHUCKS SUPER RIGID

Part No.	Description	l1	Collet	Max. Shank	Wrench
16177S	BT40 x ER32	36mm	ER32	3/4" or 20mm	894-36
TE-22HN	hex style PowerCOAT nut				

* Thru-spindle coolant capable.
* Compatible with sealed, tap, and standard collets.

TECHNIKS SUPER RIGID HOLDERS

STANDARD HOLDERS



Minimum projection = increased rigidity, better T.I.R. and extended tool life.

BT50 ER COLLET CHUCKS

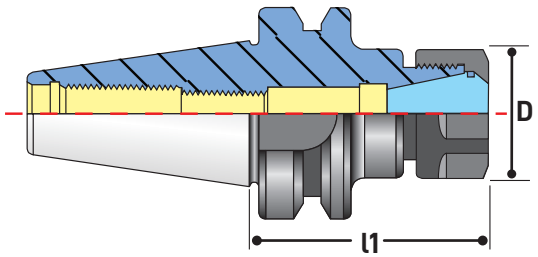
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- Balanced to 25,000 RPM at G2.5
- Maximum 0.0001" T.I.R. measured from taper to collet pocket
- PowerCOAT Nut increases holding power by 75%



BT50 ER COLLET CHUCKS

Coolant Stop Screws page 41.

Part No.	Description	l1	D	Max. Shank	Stop Screw	Wrench	Nut
16251	BT50 x ER16 - 70mm, hex nut	70mm	1.08"	.406"	16083	04609	41116
16252	BT50 x ER16 - 90mm, hex nut	90mm	1.08"	.406"	16083	04609	41116
16253	BT50 x ER16 - 105mm, hex nut	105mm	1.08"	.406"	16083	04609	41116
16254	BT50 x ER16 - 135mm, hex nut	135mm	1.08"	.406"	16083	04609	41116
16255	BT50 x ER16 - 150mm, hex nut	150mm	1.08"	.406"	16083	04609	41116
16263	BT50 x ER20 - 90mm, hex nut	90mm	1.34"	.512"	16087	04610	41120
16265	BT50 x ER20 - 105mm, hex nut	105mm	1.34"	.512"	16087	04610	41120
16267	BT50 x ER20 - 135mm, hex nut	135mm	1.34"	.512"	16087	04610	41120
16271	BT50 x ER20 - 165mm, hex nut	165mm	1.34"	.512"	16087	04610	41120
16275	BT50 x ER25 - 105mm, slotted nut	105mm	1.65"	.630"	16089	04615	41925
16277	BT50 x ER25 - 135mm, slotted nut	135mm	1.65"	.630"	16089	04615	41925
16279	BT50 x ER25 - 165mm, slotted nut	165mm	1.65"	.630"	16089	04615	41925
16281	BT50 x ER32 - 80mm, slotted nut	80mm	1.97"	.788"	16089	04616	41932
16283	BT50 x ER32 - 120mm, slotted nut	120mm	1.97"	.788"	16089	04616	41932
16284	BT50 x ER32 - 150mm, slotted nut	150mm	1.97"	.788"	16089	04616	41932
16285	BT50 x ER40 - 80mm, slotted nut	80mm	2.48"	1.023"	16091	04617	41940
16289	BT50 x ER40 - 135mm, slotted nut	135mm	2.48"	1.023"	16091	04617	41940
06291	BT50 x ER50 - 90mm, slotted nut	90mm	3.07"	1.338"	16093	04618	41950

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number. Coolant nuts are not available for ER50.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

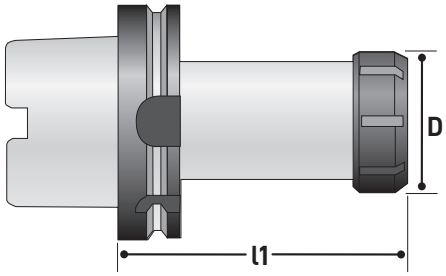
HSK-A ER COLLET CHUCKS



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



HSK63A ER COLLET CHUCKS

Part No.	Description	l1	D	Wrench	Nut
31430	HSK63A x ER11 - 100mm, hex nut	100mm	19mm	04608	41116
31432	HSK63A x ER16 - 80mm, hex nut	80mm	28mm	04609	41116
31434	HSK63A x ER16 - 100mm, hex nut	100mm	28mm	04609	41116
31438	HSK63A x ER16 - 160mm, hex nut	160mm	28mm	04609	41116
31440	HSK63A x ER20 - 80mm, hex nut	80mm	34mm	04610	41120
31446	HSK63A x ER20 - 160mm, hex nut	160mm	34mm	04610	41120
31462	HSK63A x ER32 - 100mm, slotted nut	100mm	50mm	04616	41932
31466	HSK63A x ER32 - 160mm, slotted nut	160mm	50mm	04616	41932
31466-8T	HSK63A x ER32 - 8", tapered style, slot nut	8"	50mm	04616	41932
31468	HSK63A x ER40 - 80mm, slotted nut	80mm	63mm	04617	41940
31472	HSK63A x ER40 - 120mm, slotted nut	120mm	63mm	04617	41940
31476-8T	HSK63A x ER40 - 8", tapered style, slot nut	8"	63mm	04617	41940

HSK 32A / 40A / 50A ER COLLET CHUCKS

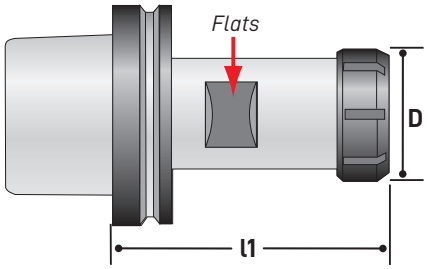
Part No.	Description	l1	D	Wrench	Nut
31278	HSK32A x ER20 - 80mm, slotted nut	80mm	34mm	04614	41920
31284	HSK32A x ER25 - 80mm, mini nut	80mm	35mm	04624	23120
31374	HSK40A x ER11 - 80mm, mini nut	80mm	16mm	04621	23111
31376	HSK40A x ER16 - 80mm, hex nut	80mm	28mm	04609	41116
31384	HSK40A x ER25 - 80mm, slotted nut	80mm	35mm	04615	41925
31385	HSK40A x ER32 - 80mm, slotted nut	80mm	50mm	04616	41932
31420	HSK50A x ER32 - 100mm, slotted nut	100mm	50mm	04616	41932

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

HSK-E/F ER COLLET CHUCKS

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238

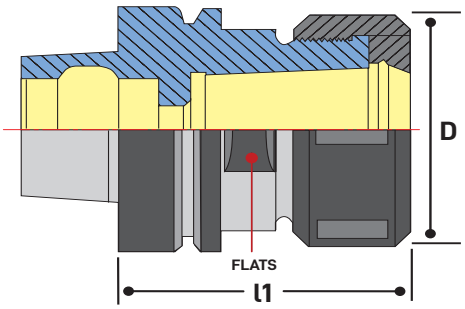




HSK 32E / 40E / 50E / 63E ER COLLET CHUCKS

Part No.	Description	l1	D	Stop Screw	Wrench	Nut	Flats
31374-60-E	HSK32E x ER25 - 60mm, slotted nut	60mm	42mm	16089	04615	46125	22mm
31376-E	HSK40E x ER16 - 65mm, slotted nut	65mm	32mm	16083	04613	46116	24mm
31383-E	HSK40E x ER25 - 75mm, slotted nut	75mm	42mm	16089	04615	46125	27mm
31386-E	HSK40E x ER32 - 100mm, slotted nut	100mm	50mm	16089	04616	46132	35mm
31402-E	HSK50E x ER16 - 80mm, slotted nut	80mm	28mm	16083	04613	46116	27mm
31419-E	HSK50E x ER32 - 85mm, slotted nut	85mm	50mm	16089	04616	46132	36mm
31456-E	HSK63E x ER32 - 90mm, slotted nut	90mm	50mm	16089	04616	46132	36mm
31472-E	HSK63E x ER40 - 120mm, slotted nut	120mm	63mm	16091	04617	46140	46mm
50001	HSK63E x ER40 -75mm, slotted nut	75mm	63mm	16091	04617	46140	46mm





HSK 50F / 63F ER COLLET CHUCKS

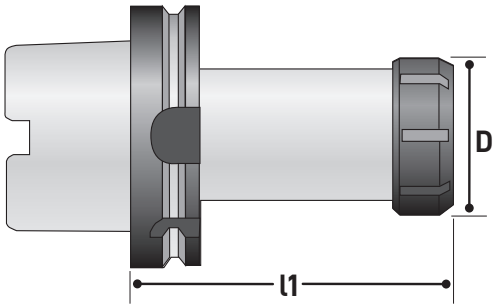
Part No.	Description	l1	D	Wrench	Nut	Flats
31419-F	HSK50F x ER32 - 80mm, slotted nut	80mm	50mm	04616	46132	36mm
103.123.11.100	HSK63F x ER11 - 100mm, mini nut	100mm	16mm	04621	23111	-
31431-F	HSK63F x ER16 - 60mm, slotted nut	60mm	32mm	04613	46116	26mm
31434-F	HSK63F x ER16 - 100mm, slotted nut	100mm	32mm	04613	46116	26mm
30000	HSK63F x ER32 - 70mm, slotted nut	70mm	50mm	04616	46132	36mm
30001	HSK63F x ER40 - 75mm, slotted nut	75mm	63mm	04617	46140	46mm
30001-L	HSK63F x ER40 - 75mm, left-hand thread	75mm	63mm	04617	46140-L	46mm
30001-Solid	HSK63F x ER40 - 75mm, No thru hole	75mm	63mm	04617	46140	46mm
30002	HSK63F x ER40 - 90mm, slotted nut	90mm	63mm	04617	46140	46mm
30003	HSK63F x ER40 - 115mm, slotted nut	115mm	63mm	04617	46140	46mm
30005	HSK63F x ER40 - 125mm, slotted nut	125mm	63mm	04617	46140	46mm
31025F	HSK63 F x SYOZ 25 - 80mm, slotted nut	80mm	60mm	83691	83632	38mm

HSK100A ER COLLET CHUCKS



FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

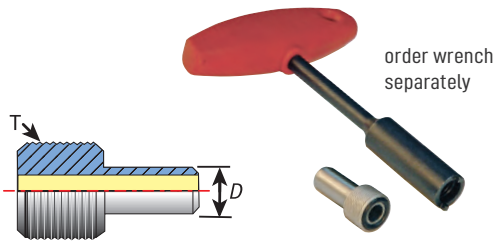
HSK100A ER COLLET CHUCKS

Part No.	Description	l1	D	Wrench	Nut
31484	HSK100A x ER16 - 100mm, hex nut	100mm	28mm	04609	41116
31486	HSK100A x ER16 - 160mm, hex nut	160mm	28mm	04609	41116
31490	HSK100A X ER20 - 100mm, hex nut	100mm	34mm	04610	41120
31492	HSK100A X ER20 - 160mm, hex nut	160mm	34mm	04610	41120
31494	HSK100A X ER25 -100mm, slotted nut	100mm	35mm	04615	41925
31498	HSK100A x ER32 - 100mm, slotted nut	100mm	50mm	04616	41932
31503	HSK100A x ER32 - 160mm, slotted nut	160mm	50mm	04616	41932
31506	HSK100A x ER40 - 120mm, slotted nut	120mm	63mm	04617	41940

Slot Nut Option: Add "-SLOTNUT" to part number for ER16 and 20 slotted nuts
Coolant Nut Option: Add "-C" to part number.
DNA Option: Add "-DNA" (ER16, ER20, & ER32)

HSK COOLANT PIPE AND WRENCHES

Part No.	Description	HSK-AE	D	T	Wrench
92002	Coolant Pipe	40	8mm	M12 x 1	91.11.026.002
92003	Coolant Pipe	50	10mm	M16 x 1	92.11.026.003
92004	Coolant Pipe	63	12mm	M18 x 1	93.11.026.004
92005	Coolant Pipe	100	16mm	M24 x 1.5	95.11.026.005



CAT TG COLLET CHUCKS

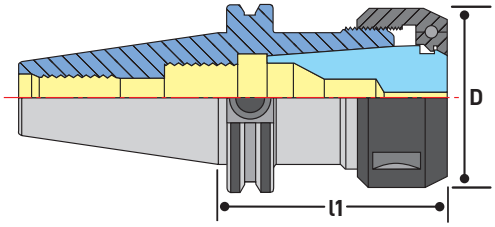
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



TG75 / TG100 COLLET CHUCKS

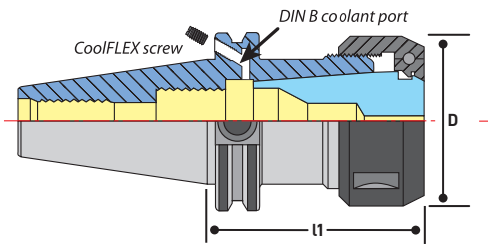
Coolant Stop Screws page 41.

Part No.	Description	l1	D	Collet Range	Stop Screw	Wrench	Nut
23008	CAT40 x TG75 - 2.75"	2.75"	1.88"	.094 - .750"	16089	04018	84012
23014	CAT40 x TG100 - 3"	3"	2.362"	.094 - 1.0"	16093	83691	28110
23016	CAT40 x TG100 - 4"	4"	2.362"	.094 - 1.0"	16093	83691	28110
23018	CAT40 x TG100 - 6"	6"	2.362"	.094 - 1.0"	16093	83691	28110
23030	CAT50 x TG100 - 3"	3"	2.362"	.094 - 1.0"	16093	83691	28110
23032	CAT50 x TG100 - 4"	4"	2.362"	.094 - 1.0"	16093	83691	28110
23034	CAT50 x TG100 - 6"	6"	2.362"	.094 - 1.0"	16093	83691	28110
23035	CAT50 x TG100 - 8"	8"	2.362"	.094 - 1.0"	16093	83691	28110

Coolant Nut Option: Add "-C" to part number.



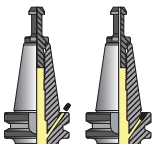
Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.



COOLFLEX FEATURE

CoolFLEX holders are factory set for coolant-thru spindle. Remove the stop screws for DIN B coolant-thru flange.

Part No.	Description
HSA-4-6	40 taper DIN B screw
HSA-6-6	50 taper DIN B screw



TG100 COLLET CHUCKS COOLFLEX

Part No.	Description	l1	D	Collet	Collet Range	Stop Screw	Wrench	Nut
23014F	CAT40 CoolFLEX x TG100 - 3"	3"	2.362"	TG100	.094 - 1.0"	16093	83691	28110
23016F	CAT40 CoolFLEX x TG100 - 4"	4"	2.362"	TG100	.094 - 1.0"	16093	83691	28110
23018F	CAT40 CoolFLEX x TG100 - 6"	6"	2.362"	TG100	.094 - 1.0"	16093	83691	28110
23030F	CAT50 CoolFLEX x TG100 - 3"	3"	2.362"	TG100	.094 - 1.0"	16093	83691	28110

Coolant Nut Option: Add "-C" to part number.

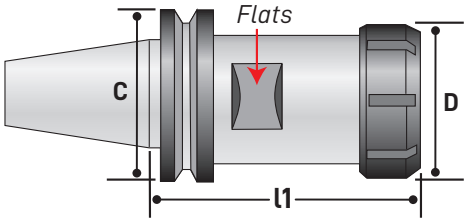
ISO ER COLLET CHUCKS



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- Balanced to 25,000 RPM at G2.5
- Maximum 0.0001" T.I.R. measured from taper to collet pocket
- PowerCOAT Nut increases holding power by 75%

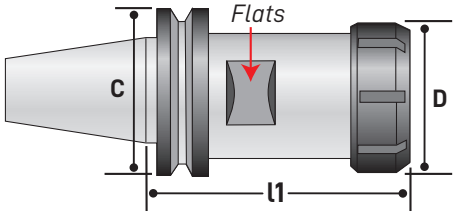


ISO 20 / ISO 25 ER COLLET CHUCKS

Part No.	Description	l1	D	Wrench	Nut	Flats
16000-2016MC	*ISO 20 x ER16 - 52mm, HS mini nut & pull stud	52mm	22mm	04622	53116	17mm
16000-2516	ISO 20 x ER16 - 52mm, slotted nut & pull stud	52mm	32mm	04613	46116	17mm
16000-2520	ISO 20 x ER20 - 52mm, slotted nut & pull stud	52mm	35mm	04614	46120	17mm
12194-ISO25	ISO 25 x ER25 - 50mm, slotted nut & pull stud	50mm	42mm	04615	46125	27mm
25077	ISO 25 x ER25 - 65mm, slotted nut & pull stud	65mm	42mm	04615	46125	27mm

*Balanced to 50,000 RPM. Use for Haas OM-1A, OM-2A Office Mills. Haas is trademark of Haas Automation and used here for identification only.





ISO 30 / SK 30 ER COLLET CHUCKS

Part No.	Description	l1	D	Wrench	Nut	Flats
42407-W	ISO 30 x ER11 - 100mm, mini nut	100mm	16mm	04621	23111	14mm
42213-W-50	ISO 30 x ER32 - 50mm, slotted nut	50mm	50mm	04616	46132	47mm
42213-W-63	ISO 30 x ER32 - 63mm, slotted nut	63mm	50mm	04616	46132	36mm
42213-W-90	ISO 30 x ER32 - 90mm, slotted nut	90mm	50mm	04616	46132	36mm
12000-CMS	ISO 30 x ER32 - CMS toolholder	58mm	50mm	04616	46132	36mm
12040-CMS	ISO 30 x ER40 - CMS toolholder	66mm	63mm	04617	46140	42mm
42215-W-57	ISO 30 x ER40 - 57mm, slotted nut	57mm	63mm	04617	46140	47mm
42261-W	ISO 40 x ER40 - 70mm, slotted nut	70mm	63mm	04617	46140	46mm
NT-54300130	SK-30 x SYOZ 25 - 63mm	63mm	60mm	03691	83632	38mm

STRAIGHT SHANK EXTENSIONS

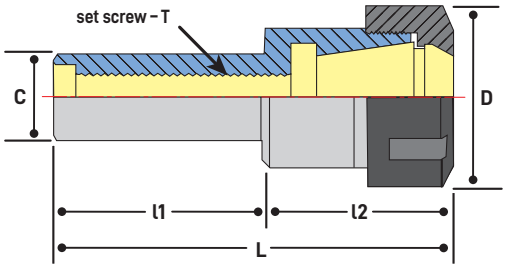
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



Techniks Certified for accuracy.
Each holder comes with a complete lab report.
PowerCOAT nut is included with each holder.

FEATURES

- **Balanced to 25,000 RPM at G2.5**
- **Maximum 0.0001" T.I.R. measured from taper to collet pocket**
- **PowerCOAT Nut increases holding power by 75%**



STRAIGHT SHANK EXTENSIONS

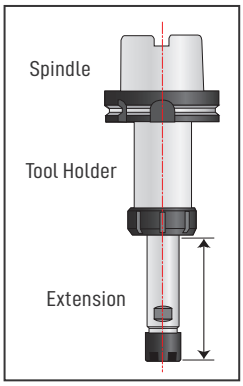
Coolant Stop Screws page 41.

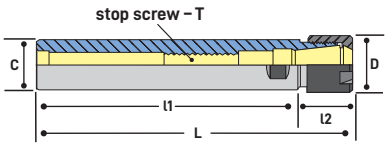
Part No.	Description	L	l1	l2	C	D	Stop Screw	Wrench	Nut
04851	16mm x ER11 - 140mm, hex nut	174.5mm	140mm	21.6mm	16mm	19mm	-	04608	41111
04855	1/2" x ER11 - 140mm, hex nut	174.5mm	140mm	21.6mm	1/2"	19mm	-	04608	41111
04854	5/8" x ER11 - 140mm, hex nut	174.5mm	140mm	21.6mm	5/8"	19mm	-	04608	41111
04832	5/8" x ER16 - 60mm, hex nut	95.1mm	60mm	35.1mm	5/8"	28mm	-	04609	41116
04834	3/4" x ER16 - 50mm, hex nut	85.1mm	50mm	35.1mm	3/4"	28mm	16083	04609	41116
04835	3/4" x ER16 - 100mm, hex nut	135.1mm	100mm	35.1mm	3/4"	28mm	16083	04609	41116
04856	3/4" x ER16 - 140mm, hex nut	175.1mm	140mm	35.1mm	3/4"	28mm	16083	04609	41116
04836-2.5	3/4" x ER20 - 2-1/2", hex nut	100mm	2-1/2"	38mm	3/4"	34mm	16083	04610	41120
04858	1" x ER20 - 140mm, hex nut	180.5mm	140mm	40.5mm	1"	34mm	16083	04610	41120
04837	1" x ER25 - 50mm, slotted nut	101mm	50mm	51mm	1"	42mm	16089	04615	41925
04817	20mm x ER32 - 50mm, slotted nut	97.1mm	50mm	47mm	20mm	50mm	16089	04616	41932
04818	20mm x ER32 - 100mm, slotted nut	146.5mm	100mm	47mm	20mm	50mm	16083	04616	41932
04818-150	20mm x ER32 - 150mm, slotted nut	196.5mm	150mm	47mm	20mm	50mm	16083	04616	41932
04839	1" x ER32 - 50mm, slotted nut	101.5mm	50mm	51.5mm	1"	50mm	16089	04616	41932
04839-140	1" x ER32 - 140mm, slotted nut	191.5mm	140mm	51.5mm	1"	50mm	16083	04616	41932
04843	1-1/4" x ER32 - 60mm, slotted nut	111.5mm	60mm	51.5mm	1-1/4"	50mm	16089	04616	41932
04841	1" x ER40 - 50mm, slotted nut	115mm	50mm	65mm	1"	63mm	16083	04617	41940

STRAIGHT SHANK EXTENSIONS



Techniks Certified for accuracy and balance. Each holder comes with a complete lab report. PowerCOAT nut is included with each holder.





Extension length should not exceed a 4 : 1 ratio of length to diameter.

Example: A 1/2" shank should not extend more than 2" in front of the holder.

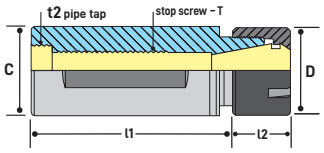
STRAIGHT SHANK ER EXTENSIONS MINI-NUT

Part No.	Description	L	l1	l2	C	D	Stop Screw	Wrench	Nut
04889	3/8" x ER8 – 100mm, mini nut	124mm	100mm	24mm	3/8"	12mm	–	04620	23108
04891	1/2" x ER11 – 140mm, mini nut	166.5mm	140mm	26.5mm	1/2"	16mm	–	04621	23111
04893	5/8" x ER11 – 140mm, mini nut	158.5mm	140mm	18.5mm	5/8"	16mm	–	04621	23111
04895	1/2" x ER16 – 140mm, mini nut	177mm	140mm	37mm	1/2"	22mm	–	04622	23116
04896	3/4" x ER16 – 140mm, mini nut	165mm	140mm	25mm	3/4"	22mm	16083	04622	23116
04892	1/2" x ER20 – 140mm, mini nut	180mm	140mm	40mm	1/2"	28mm	16083	04623	23120
04894	3/4" x ER20 – 140mm, mini nut	180mm	140mm	40mm	3/4"	28mm	16083	04623	23120
04881	20mm x ER20 – 180mm, mini nut	220mm	180mm	40mm	20mm	28mm	16083	04623	23120
04897	1" x ER20 – 140mm, mini nut	168mm	140mm	28mm	1"	28mm	16083	04623	23120
04898	3/4" x ER25 – 100mm, mini nut	149mm	100mm	49mm	3/4"	35mm	16087	04624	23125
04888	1" x ER25 – 140mm, mini nut	190mm	140mm	50mm	1"	35mm	16083	04624	23125



FEATURES

- **For coolant up to 1,500 PSI**
- **Collet pocket T.I.R. 0.0001"**
- **PowerCOAT coolant nut included**



Use with Black Gold ER coolant rings for coolant-thru 04808C available with 1/8" NPT side entry coolant.

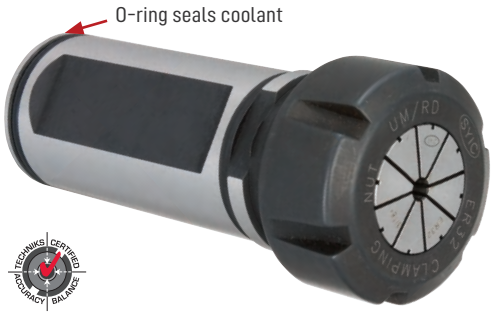
STRAIGHT SHANK ER EXTENSIONS COOLANT-THRU

Part No.	Description	l1	l2	C	t2	D	T	Wrench
04802-C	3/4" x ER16 – 2" shank, coolant mini nut	1.65"	.916"	3/4"	1/4" NPT	22mm	M10 x 1.5	04622
04803-C	3/4" x ER16 – 3" shank, coolant mini nut	2.44"	.916"	3/4"	1/4" NPT	22mm	M10 x 1.5	04622
04804-C	3/4" x ER16 – 4" shank, coolant mini nut	3.42"	.916"	3/4"	1/4" NPT	22mm	M10 x 1.5	04622
04805-C	1" x ER20 – 3" shank, coolant mini nut	2.01"	1.07"	1"	3/8" NPT	28mm	M12 x 1.75	04623
04806-C	1" x ER20 – 4" shank, coolant mini nut	3.31"	1.07"	1"	3/8" NPT	28mm	M12 x 1.75	04623
04808-C	1.25" x ER32 – 2.36" shank, slotted nut	2.36"	2.16"	1-1/4"	3/8" NPT	50mm	M12 x 1.75	04616

Coolant Nut Option: Add "-C" to part number.

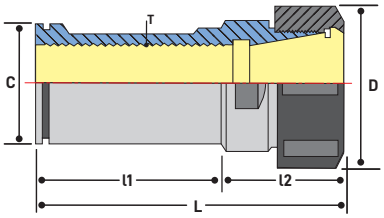
STRAIGHT SHANK ER EXTENSIONS

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- For coolant up to 1,500 PSI
- Collet pocket T.I.R. 0.0001"
- PowerCOAT nut included



Perfect for CNC lathes and tapping applications. Seals coolant from the turret to the shank with an O-ring.

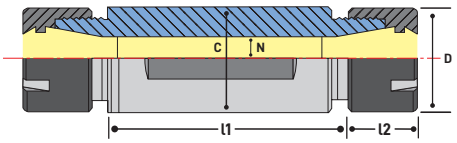
STRAIGHT SHANKS ER EXTENSIONS COOLANT-THRU

Part No.	Description	L	l1	l2	C	D	T	Wrench	Nut
04782	1-1/4" x ER25 - 60mm shank	97mm	60mm	37mm	1-1/4"	42mm	M18 x 1.5	04615	41925
04784	1-1/4" x ER32 - 60mm shank	103mm	60mm	43mm	1-1/4"	50mm	M22 x 1.5	04616	41932
04788	1-1/2" x ER32 - 80mm shank	118mm	80mm	38mm	1-1/2"	50mm	M22 x 1.5	04616	41932
04786	1-1/4" x ER40 - 60mm shank	120mm	60mm	60mm	1-1/4"	63mm	M28 x 1.5	04617	41940
04790	1-1/2" x ER40 - 75mm shank	135mm	75mm	60mm	1-1/2"	63mm	M28 x 1.5	04617	41940



FEATURES

- Collet pocket T.I.R. 0.0001"
- Wrench flats extend full length of shank



DOUBLE-ENDED STRAIGHT SHANK SWISS-STYLE LATHES

Part No.	Description	l1	l2	C	D	N	Wrench
04801-DE	3/4" x ER11 - 2.5" shank, double ended mini nut	44mm	12mm	3/4"	16mm	8mm	04621
04802-DE	3/4" x ER11 - 3.35" shank, double ended mini nut	65mm	12mm	3/4"	16mm	8mm	04621
04803-DE	3/4" x ER11 - 4" shank, double ended mini nut	77mm	12mm	3/4"	16mm	8mm	04621
04804-DE	3/4" x ER11 - 5" shank, double ended mini nut	99.5mm	12mm	3/4"	16mm	8mm	04621

SLIMFIT EXTENDED REACH COLLET CHUCKS

EXTREME PRECISION, SLIM DESIGN AND EXTENDED REACH.

SlimFIT is the best collet-based system for cutting tool shanks from 3/32" up to 1/4" when cutting at extended lengths or when clearance is required. SlimFIT collets are longer and more powerful than ER collets and provide better accuracy and performance for small diameter cutting tools.



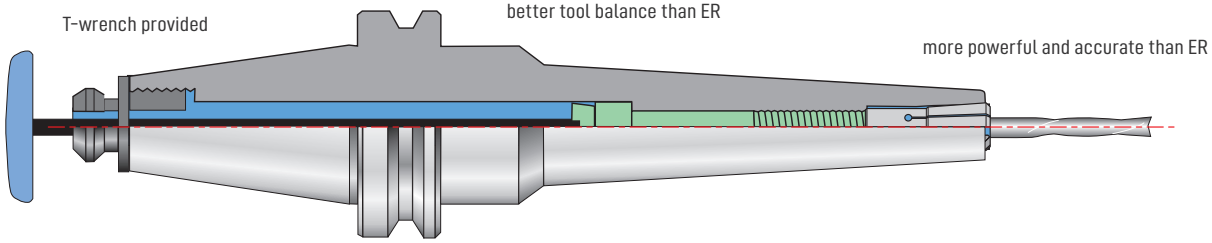
FEATURES

- .550" nose diameters
- Balanced to a minimum of 25,000 RPM at G2.5
- "On-Size" collets

ADVANTAGES OF SLIMFIT TOOL DESIGN

The drawbar tightening system reduces nose diameter. Powerful 4˚ taper collets improve performance when holding tool shanks from 3/32" to 1/4" (3mm-6mm). Perform fast tool changes using a T-wrench.





YOU LOSE 10% OF TOOL LIFE FOR EVERY .0001" OF T.I.R.
SLIMFIT CHUCKS OFFER EXCELLENT ACCURACY AT EXTENDED LENGTHS.

CAT SLIMFIT COLLET CHUCKS

pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238

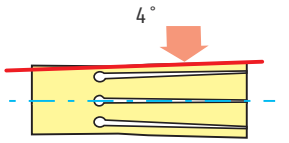


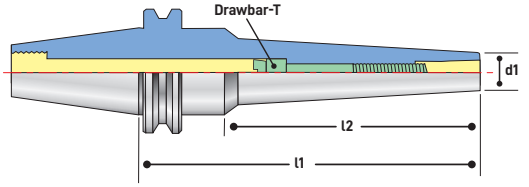
Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
Taper ground to AT3 tolerance or better.

FEATURES

- .550" nose diameters
- Balanced to a minimum of 25,000 RPM at G2.5
- "On-Size" collets







SlimFIT SBL6 holders feature 4° collets and a powerful drawbar tightening system that holds small diameter tools tighter and more accurately than ER systems. For tool shanks 3/32" up to 1/4" (3mm-6mm).

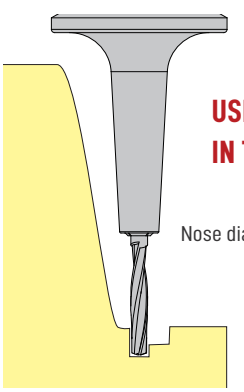
Tool changes do not require tightening fixtures or torque wrenches and can be performed using the supplied T-wrench.

CAT SLIMFIT ER COLLET CHUCKS

Part No.	Description	l1	l2	d1	Drawbar-T
23654	CAT40 x SBL6 - 3" SlimFIT	3"	1.625"	.550"	SYIC-SBL-M6C-60
23656	CAT40 x SBL6 - 4" SlimFIT	4"	2.625"	.550"	SYIC-SBL-M6C-35
23658	CAT40 x SBL6 - 6" SlimFIT	6"	4.625"	.550"	SYIC-SBL-M6CT-78
23659	CAT40 x SBL6 - 8" SlimFIT	8"	6.622"	.550"	SYIC-SBL-M6CT-130
23672	CAT50 x SBL6-3.5" SlimFIT	3.5"	2.12"	.550"	SYIC-SBL-M6C-65
23676	CAT50 x SBL6-6" SlimFIT	6"	4.622"	.550"	SYIC-SBL-M6CT-78

SLIMFIT ACCESSORIES

Part No.	Description
T20SOTK1A81F	100mm T-Handle
T20L3TKIA81F	200mm slim shaft fits coolant retention knobs



USE SLIMFIT HOLDERS FOR HIGH-PRECISION MACHINING IN TIGHT AREAS AND AT EXTENDED LENGTHS.

Nose diameter .550"

BT SLIMFIT COLLET CHUCKS

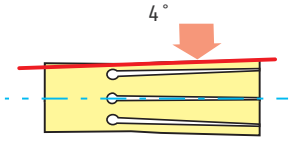


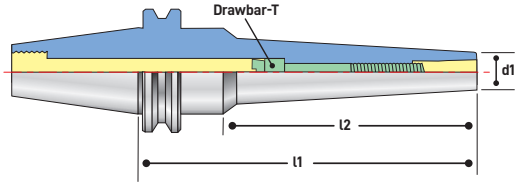
Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.
Taper ground to AT3 tolerance or better.

FEATURES

- .550" nose diameters
- Balanced to a minumum of 25,000 RPM at G2.5
- "On-Size" collets







SlimFIT SBL6 holders feature 4° collets and a powerful drawbar tightening system that holds small diameter tools tighter and more accurately than ER systems. For tool shanks 3/32" up to 1/4" (3mm-6mm).

Tool changes do not require tightening fixtures or torque wrenches and can be performed using the supplied T-wrench.

BT SLIMFIT ER COLLET CHUCKS

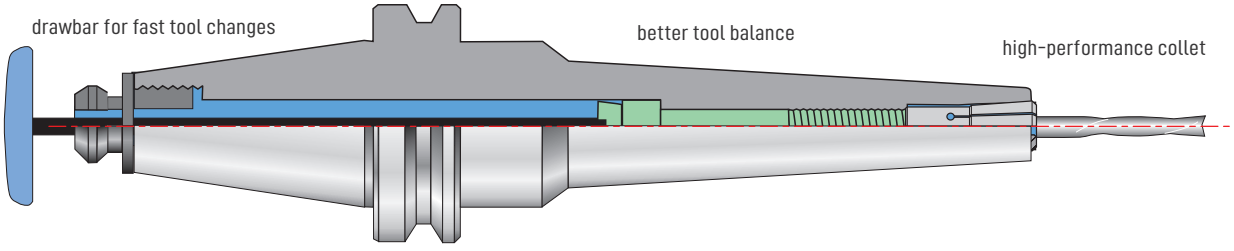
Part No.	Description	l1	l2	d1	Drawbar-T
18854	BT30 x SBL6-70	70mm	48mm	.550"	SYIC-SBL-M6C-45
18856	BT30 x SBL6-100	100mm	78mm	.550"	SYIC-SBL-M6C-65
18866	BT40 x SBL6-70	70mm	43mm	.550"	SYIC-SBL-M6C-45
18868	BT40 x SBL6-100	100mm	73mm	.550"	SYIC-SBL-M6CT-78
18868-150	BT40 x SBL6-150	150mm	123mm	.550"	SYIC-SBL-M6C-65
18869	BT40 x SBL6-200	200mm	173mm	.550"	SYIC-SBL-M6CT-130

SLIMFIT ACCESSORIES

Part No.	Description
T20SOTK1A81F	100mm T-Handle
T20L3TKIA81F	200mm slim shaft fits coolant retention knobs

WHY SLIMFIT OUT-PERFORMS ER COLLET SYSTEMS

SlimFIT collets are longer overall than ER collets and feature a 4° taper, delivering better engagement between collet and tool shank, resulting in better accuracy and balance than ER systems.



HSK63A SLIMFIT COLLET CHUCKS

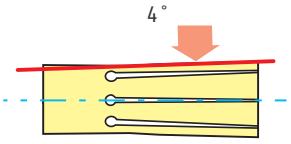
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



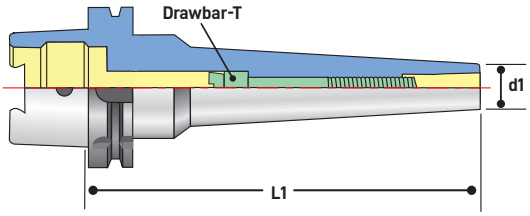
FEATURES

- .550" nose diameters
- Balanced to a minumum of 25,000 RPM at G2.5
- "On-Size" collets





Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.



SlimFIT SBL6 holders feature 4° collets and a powerful drawbar tightening system that holds small diameter tools tighter and more accurately than ER systems. For tool shanks 3/32" up to 1/4" (3mm-6mm).

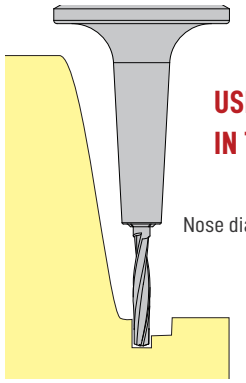
Tool changes do not require tightening fixtures or torque wrenches and can be performed using the supplied T-wrench.

HSK63A SLIMFIT ER COLLET CHUCKS

Part No.	Description	l1	l2	d1	Drawbar-T
35470	HSK63A x SBL6-80 SlimFIT	80mm	54mm	.550"	SYIC-SBL-M6C-15
35472	HSK63A x SBL6-120 SlimFIT	120mm	94mm	.550"	SYIC-SBL-M6CT-50

SLIMFIT ACCESSORIES

Part No.	Description
92004	HSK63A Coolant Pipe
93.11.026.004	Coolant Pipe Wrench
T20SOTK1A81F	100mm T-Handle
T20L3TKIA81F	200mm slim shaft fits coolant retention knobs



USE SLIMFIT HOLDERS FOR HIGH-PRECISION MACHINING IN TIGHT AREAS AND AT EXTENDED LENGTHS.

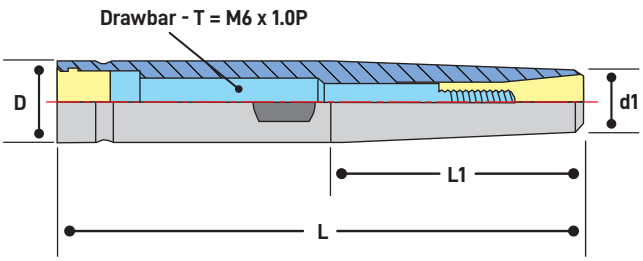
Nose diameter .550"



Techniks Certified for accuracy and balance.
Each holder comes with a complete lab report.

FEATURES

- Only .480" nose diameter
- Use with any 1/2" or 5/8" toolholder, including end mill holders.
- 4˚ angle drawbar collet for greater holding power and accuracy



SLIMFIT EXTENSIONS

Part No.	Description	D	L	l1	d1
06032-3	1/2" x OLP6-3" extension	.50"	3"	1.89"	.48
06032	1/2" x OLP6-5" extension	.50"	5"	1.89"	.48
06034	1/2" x OLP6-6" extension	.50"	6"	1.89"	.48
06038	5/8" x OLP6-5" extension	.625"	5"	1.89"	.48
06040	5/8" x OLP6-6" extension	.625"	6"	1.89"	.48
06042	5/8" x OLP6-8" extension	.625"	8"	1.89"	.48

Note: Extensions Fit 1/2" or 5/8" Toolholders

EXTENSIONS CONVERT ANY 1/2" OR 5/8" TOOLHOLDER INTO A SLIMFIT TOOL!



Extensions feature a nose clearance of .480", providing access to areas unreachable by standard length tool holders.

YOU LOSE 10% OF TOOL LIFE FOR EVERY .0001" OF T.I.R.
SLIMFIT CHUCKS OFFER EXCELLENT ACCURACY AT EXTENDED LENGTHS.

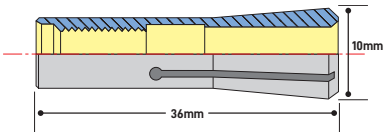
SLIMFIT COLLETS

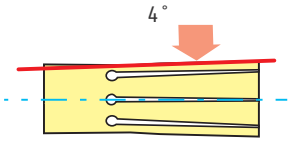
pg. 44 pg. 62 pg. 64 pg. 229 pg. 236 pg. 238



FEATURES

- "On-Size" collets
- Precision ground and polished
- Each collet individually inspected for quality





NOTE: TIGHTEN TO 9 FT/LBS



SLIMFIT COLLET SET

Part No.	Description
18851-12IMS	SlimFIT 12 piece set

Convenient collet set provides the collets you need and the wooden tray prevents damage to collets.

Set includes 12 collets:

INCH: 7/64", 1/8", 9/64", 11/64"
3/16", 13/64", 15/64", 1/4"
METRIC: 3mm, 4mm, 5mm, 6mm

SLIMFIT COLLETS INCH

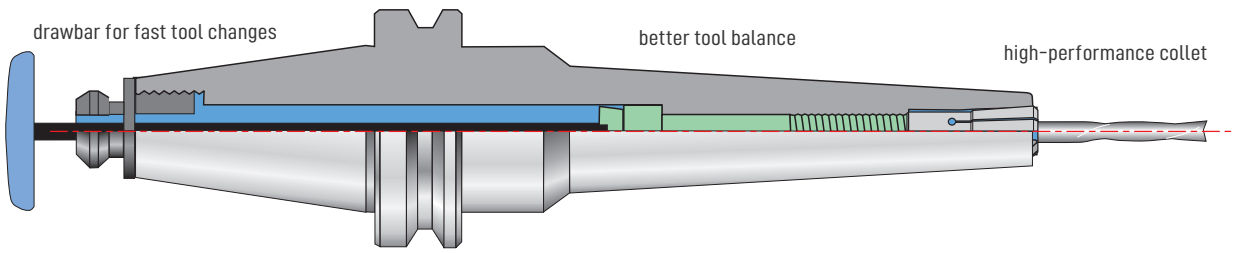
Part No.	Description
18851-3/32	SlimFIT 6 - 3/32" collet
18851-7/64	SlimFIT 6 - 7/64" collet
18851-1/8	SlimFIT 6 - 1/8" collet
18851-9/64	SlimFIT 6 - 9/64" collet
18851-5/32	SlimFIT 6 - 5/32" collet
18851-11/64	SlimFIT 6 - 11/64" collet
18851-3/16	SlimFIT 6 - 3/16" collet
18851-13/64	SlimFIT 6 - 13/64" collet
18851-7/32	SlimFIT 6 - 7/32" collet
18851-15/64	SlimFIT 6 - 15/64" collet
18851-1/4	SlimFIT 6 - 1/4" collet

SLIMFIT COLLETS METRIC

Part No.	Description
18851-03	SlimFIT 6 - 3mm collet
18851-04	SlimFIT 6 - 4mm collet
18851-05	SlimFIT 6 - 5mm collet
18851-05.5	SlimFIT 6 - 5.5mm collet
18851-06	SlimFIT 6 - 6mm collet

WHY SLIMFIT OUT-PERFORMS ER COLLET SYSTEMS

SlimFIT collets are longer overall than ER collets and feature a 4° taper, delivering better engagement between collet and tool shank, resulting in better accuracy and balance than ER systems.

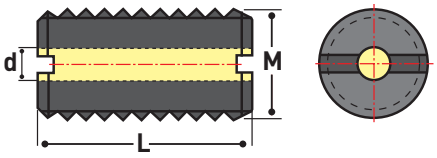


COOLANT STOP SCREWS



Use coolant stop screws for coolant-thru tools or with Black Gold Rings for CoolBLAST option using standard cutting tools.

See page 64 for more information.



COOLANT STOP SCREWS

Part No.	Description	M	L	d
16080C-20	Coolant Stop Screw	M5 x 0.8P	20mm	2.5
16081C-20	Coolant Stop Screw	M6 x 1.0P	20mm	3
16082C-20	Coolant Stop Screw	M8 x 1.25P	20mm	4
16083C-20	Coolant Stop Screw	M10 x 1.5P	20mm	4
16085C-20	Coolant Stop Screw	M12 x 1.75P	20mm	4
16089C-20	Coolant Stop Screw	M16 x 02.0P	20mm	5
16091C-20	Coolant Stop Screw	M20 x 2.0P	20mm	5

RECOMMENDED COLLET NUT & RETENTION KNOB TIGHTENING TORQUE

Collet	Nut Type	Collets I.D. OVER 1/16" (2mm)	Collets I.D. UNDER 1/16" (2mm)	Order Torque Wrench Adapter
ER11	Mini	12 ft/lbs	10 ft/lbs	04576
ER11	Hex	17 ft/lbs	14 ft/lbs	04581
ER16	Mini	20 ft/lbs	16 ft/lbs	04578
ER16	Slotted	42 ft/lbs	30 ft/lbs	04580-16
ER16	Hex	42 ft/lbs	30 ft/lbs	04601-16
ER20	Mini	22 ft/lbs	18 ft/lbs	04578
ER20	Slotted	59 ft/lbs	24 ft/lbs	04580-20
ER20	Hex	59 ft/lbs	24 ft/lbs	04602-20
ER25	Mini	28 ft/lbs	28 ft/lbs	04587
ER25	Slotted	77 ft/lbs	77 ft/lbs	04603-25
ER32	Slotted	100 ft/lbs	100 ft/lbs	04604-32
ER40	Slotted	130 ft/lbs	130 ft/lbs	04605-40
SYOZ 25/TG100	Hook	95 ft/lbs	95 ft/lbs	03690-25
TG75	Hex	90 ft/lbs	90 ft/lbs	04604-32

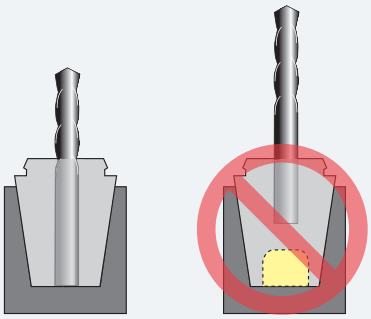
Always tighten retention knobs to exact specification or damage to tooling or bodily harm may occur.

Retention Knobs	Wrench Flats	Drive	Torque	Order Socket
BT30 Taper	0.535"	1/4"	36 ft/lbs	PSS-30BT
ISO 30 Taper	0.535"	3/8"	36 ft/lbs	PSS-30ISO
Any 40 Taper	0.750"	3/8"	76 ft/lbs	PSS-40
BT50 Taper	1.187"	1/2"	99 ft/lbs	PSC-50
CAT50 Taper	1.250"	1/2"	99 ft/lbs	PSC-50

**Always use a torque wrench and tightening stand when tightening collet nuts and retention knobs. Overtightening collet nuts will cause premature damage to collets and increase run-out.

DIRECTIONS

- **Snap collet into nut.**
- **Insert cutting tool into collet. Make sure shank extends to the bottom of the collet.**
- **Hand tighten collet nut assembly into toolholder.**
- **Insert toolholder assembly into tightening fixture and secure it.**
- **Tighten collet nut to recommended torque using a torque wrench and adapter.**



For maximum holding power fill the collet all the way with the tool shank (left) and use a PowerCOAT nut.

V-FLANGE CNC MACHINE MAKE, MODEL AND SPINDLE

v-flange tool #1 dimensions

D = _____

F = _____

W = _____

A = _____

N = _____

v-flange tool #2 dimensions

D = _____

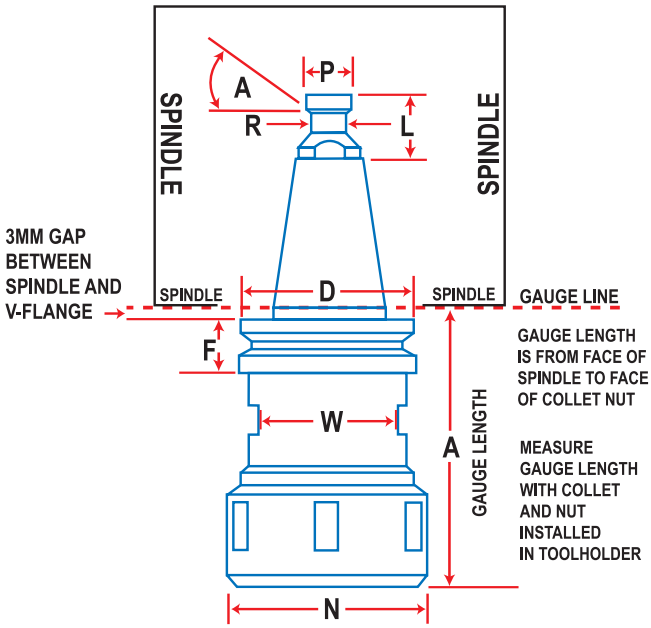
F = _____

W = _____

A = _____

N = _____

FILL IN ALL THE REQUIRED DIMENSIONS.
CONTACT GENERAL CUTTING TOOLS FOR A FAST QUOTE.
PHONE: (847) 677-8770 OR EMAIL: INFO@GENERALCUTTINGTOOLS.COM



HSK CNC MACHINE MAKE, MODEL AND SPINDLE

HSK tool #1 dimensions

D = _____

F = _____

W = _____

A = _____

N = _____

HSK tool #2 dimensions

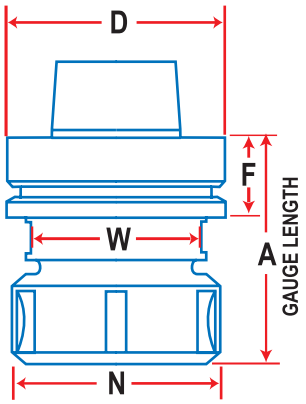
D = _____

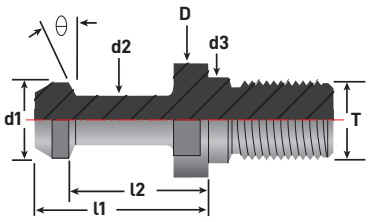
F = _____

W = _____

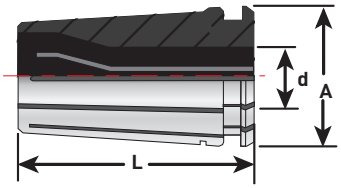
A = _____

N = _____





For special order retention knobs call (847) 677-8770.



For special order collets see page 72 or call (847) 677-8770.