

# Techniks Certified Face Mill Arbors

## Dual-Contact DualDRIVE

View the DualDRIVE video for face mill arbors.  
<http://ow.ly/sUOqL>



**NEW!**  
One-Piece  
Design



## Face Mill Arbors

H6 arbor tolerance reduces chatter



## CAT, BT, HSK



Built for Speed.

All Techniks products are backed by our 100% satisfaction guarantee!

# CAT40 Precision Face Mill Arbors



Techniks Certified for accuracy

## Features

- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life
- Taper ground to AT3 tolerance or better



Arbor  
Screws  
pg. 117



Tightening  
Stands  
pg. 210



Retention  
Knobs  
pg. 204

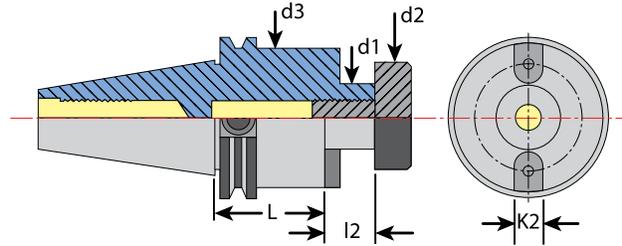


Wrenches  
pg. 208

## CoolBLAST Coolant Option



CoolBLAST arbor screw  
provides coolant path.  
Order on page 117.



## CAT40 Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
22709	CAT40 x FMA 1/2" - 1.37"	1.37"	.55"	1/2"	.66"	1.45"	.25"
22709-4	CAT40 x FMA 1/2" - 4"	4"	.55"	1/2"	.66"	1.45"	.25"
22711	CAT40 x FMA 3/4" - 1.37"	1.37"	.69"	3/4"	.88"	1.69"	.31"
22711-4	CAT40 x FMA 3/4" - 4.0"	4"	.69"	3/4"	.88"	1.69"	.31"
22711-6	CAT40 x FMA 3/4" - 6.0"	6"	.69"	3/4"	.88"	1.69"	.31"
22713	CAT40 x FMA 1.0" - 2.06"	2.06"	.69"	1.0"	1.19"	2.2"	.38"
22713-4	CAT40 x FMA 1.0" - 4.0"	4"	.69"	1.0"	1.19"	2.2"	.38"
22713-6	CAT40 x FMA 1.0" - 6.0"	6"	.69"	1.0"	1.19"	2.2"	.38"
22715	CAT40 x FMA 1-1/4" - 2.21"	2.21"	.69"	1-1/4"	1.5"	2.75"	.5"
22715-4	CAT40 x FMA 1-1/4" - 4.0"	4"	.69"	1-1/4"	1.5"	2.75"	.5"
22715-6	CAT40 x FMA 1-1/4" - 6.0"	6"	.69"	1-1/4"	1.5"	3."	.5"
22717	CAT40 x FMA 1-1/2" - 2.21"	2.21"	.94"	1-1/2"	1.88"	3.8"	.63"
22717-4	CAT40 x FMA 1-1/2" - 4"	4"	.94"	1-1/2"	1.88"	3.8"	.63"

# CAT40 DualDRIVE for Dual-Contact Spindles



Techniks Certified for accuracy

## Features

- New one-piece design for dual-contact spindles
- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life

## Benefits

- Better rigidity and reduced vibration
- Improved performance at high metal removal rates and when machining at extended lengths

## Dual-Contact Spindles

Dual-Contact is a spindle option offered by some machine tool builders. Dual-contact means both the toolholder taper and the flange make contact with the spindle. The dual-contact provides increased rigidity and accuracy during machining.

Use Techniks DualDRIVE holders if your machine has a dual-contact spindle.

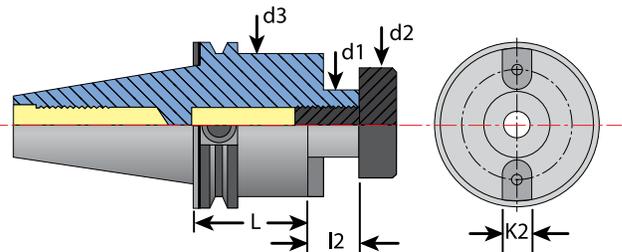


See an on machine demonstration video of DualDRIVE compared to standard toolholders at: <http://ow.ly/sUOqL>

## CoolBLAST Coolant Option



CoolBLAST arbor screw provides coolant path. Order on page 117.



## CAT40 DualDRIVE Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
43.151.64.137	CAT40 x FMA 3/4" - 1.37" DualDRIVE	1.37"	.69"	3/4"	.88"	1.69"	.31"
43.151.64.400	CAT40 x FMA 3/4" - 4" DualDRIVE	4"	.69"	3/4"	.88"	1.69"	.31"
43.151.64.600	CAT40 x FMA 3/4" - 6" DualDRIVE	6"	.69"	3/4"	.88"	1.69"	.31"
43.151.68.206	CAT40 x FMA 1.0" - 2.06" DualDRIVE	2.06"	.69"	1.0"	1.19"	2.2"	.38"
43.151.68.400	CAT40 x FMA 1.0" - 4" DualDRIVE	4"	.69"	1.0"	1.19"	2.2"	.38"
43.151.68.600	CAT40 x FMA 1.0" - 6" DualDRIVE	6"	.69"	1.0"	1.19"	2.2"	.38"
43.151.72.221	CAT40 x FMA 1-1/4" - 2.21" DualDRIVE	2.21"	.69"	1-1/4"	1.5"	2.75"	.5"
43.151.72.400	CAT40 x FMA 1-1/4" - 4" DualDRIVE	4"	.69"	1-1/4"	1.5"	2.75"	.5"
43.151.72.600	CAT40 x FMA 1-1/4" - 6" DualDRIVE	6"	.69"	1-1/4"	1.5"	3"	.5"
43.151.77.221	CAT40 x FMA 1-1/2" - 2.21" DualDRIVE	2.21"	.94"	1-1/2"	1.88"	3.8"	.63"
43.151.77.400	CAT40 x FMA 1-1/2" - 4" DualDRIVE	4"	.94"	1-1/2"	1.88"	3.8"	.63"

# CAT50 Precision Face Mill Arbors



Techniks Certified for accuracy

## Features

- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life
- Taper ground to AT3 tolerance or better



Arbor  
Screws  
pg. 117



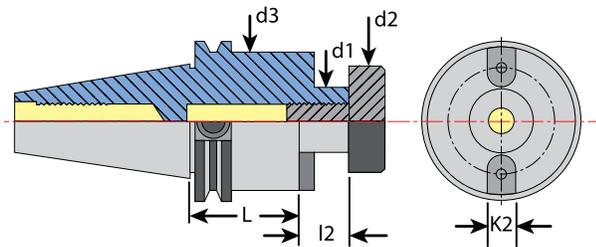
Tightening  
Stands  
pg. 210



Retention  
Knobs  
pg. 204



Wrenches  
pg. 208



CoolBLAST arbor screw  
provides coolant path.  
Order on page 117.

## CoolBLAST Coolant Option



## CAT50 Face Mill Arbors

Part No.	Description	L	I2	d1	d2	d3	K2
22719	CAT50 x FMA 1/2" - 1.5"	1.5"	.055"	1/2"	.66"	1.45"	.25"
22721	CAT50 x FMA 3/4" - 1.5"	1.5"	.69"	3/4"	.88"	2.75"	.31"
22721-3.5	CAT50 x FMA 3/4" - 3.5"	3.5"	.69"	3/4"	.88"	1.69"	.31"
22721-5.5	CAT50 x FMA 3/4" - 5.5"	5.5"	.69"	3/4"	.88"	1.69"	.31"
22721-8	CAT50 x FMA 3/4" - 8"	8"	.69"	3/4"	.88"	1.69"	.31"
22721-10	CAT50 x FMA 3/4" - 10"	10"	.69"	3/4"	.88"	1.69"	.31"
22723	CAT50 x FMA 1" - 2.0"	2.0"	.69"	1.0"	1.19"	2.2"	.38"
22723-4	CAT50 x FMA 1" - 4.0"	4"	.69"	1.0"	1.19"	2.2"	.38"
22723-6	CAT50 x FMA 1" - 6.0"	6"	.69"	1.0"	1.19"	2.2"	.38"
22723-8	CAT50 x FMA 1" - 8.0"	8"	.69"	1.0"	1.19"	2.2"	.38"
22723-10	CAT50 x FMA 1" - 10.0"	10"	.69"	1.0"	1.19"	2.2"	.38"
22725	CAT50 x FMA 1-1/4" - 1.50"	1.5"	.69"	1-1/4"	1.5"	2.75"	.5"
22725-3.5	CAT50 x FMA 1-1/4" - 3.5"	3.5"	.69"	1-1/4"	1.5"	2.75"	.5"
22725-6	CAT50 x FMA 1-1/4" - 6.0"	6"	.69"	1-1/4"	1.5"	2.75"	.5"
22725-8	CAT50 x FMA 1-1/4" - 8.0"	8"	.69"	1-1/4"	1.5"	2.75"	.5"
22727	CAT50 x FMA 1-1/2" - 2.4"	2.4"	.94"	1-1/2"	1.88"	3.8"	.63"
22727-4	CAT50 x FMA 1-1/2" - 4.0"	4"	.94"	1-1/2"	1.88"	3.8"	.63"
22727-6	CAT50 x FMA 1-1/2" - 6.0"	6"	.94"	1-1/2"	1.88"	3.8"	.63"
22727-8	CAT50 x FMA 1-1/2" - 8.0"	8"	.94"	1-1/2"	1.88"	3.8"	.63"
22729	CAT50 x FMA 2" - 2.4"	2.4"	.94"	2"	2.5"	4.88"	.75"
22729-4	CAT50 x FMA 2" - 4.0"	4"	.94"	2"	2.5"	4.88"	.75"

# CAT50 DualDRIVE for Dual-Contact Spindles



**One-Piece Design**



Techniks Certified for accuracy

## Features

- New one-piece design for dual-contact spindles
- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life

## Benefits

- Better rigidity and reduced vibration
- Improved performance at high metal removal rates and when machining at extended lengths

**Dual-Contact Spindles:** Dual-Contact is a spindle option offered by some machine tool builders. Dual-contact means both the toolholder taper and the flange make contact with the spindle. The dual-contact provides increased rigidity and accuracy during machining. Use Techniks DualDRIVE holders if your machine has a dual-contact spindle.



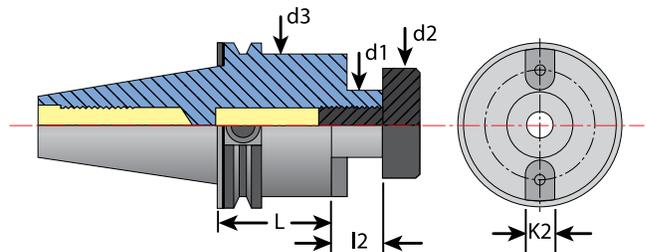
## CoolBLAST Coolant Option



CoolBLAST arbor screw provides coolant path. Order on page 117.



See an on machine demonstration video of DualDRIVE compared to standard toolholders at: <http://ow.ly/sUQqL>



## CAT50 DualDRIVE Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
44.151.64.150	CAT50 x FMA 3/4" - 1.5" DualDRIVE	1.5"	.69"	3/4"	.88"	2.75"	.31"
44.151.64.350	CAT50 x FMA 3/4" - 3.5" DualDRIVE	3.5"	.69"	3/4"	.88"	1.69"	.31"
44.151.64.550	CAT50 x FMA 3/4" - 5.5" DualDRIVE	5.5"	.69"	3/4"	.88"	1.69"	.31"
44.151.68.200	CAT50 x FMA 1.0" - 2" DualDRIVE	2"	.69"	1.0"	1.19"	2.2"	.38"
44.151.68.400	CAT50 x FMA 1.0" - 4" DualDRIVE	4"	.69"	1.0"	1.19"	2.2"	.38"
44.151.68.600	CAT50 x FMA 1.0" - 6" DualDRIVE	6"	.69"	1.0"	1.19"	2.2"	.38"
44.151.72.150	CAT50 x FMA 1-1/4" - 1.5" DualDRIVE	1.5"	.69"	1-1/4"	1.5"	2.75"	.5"
44.151.72.350	CAT50 x FMA 1-1/4" - 3.5" DualDRIVE	3.5"	.69"	1-1/4"	1.5"	2.75"	.5"
44.151.72.600	CAT50 x FMA 1-1/4" - 6" DualDRIVE	6"	.69"	1-1/4"	1.5"	2.75"	.5"
44.151.77.240	CAT50 x FMA 1-1/2" - 2.4" DualDRIVE	2.4"	.94"	1-1/2"	1.88"	3.8"	.63"
44.151.77.400	CAT50 x FMA 1-1/2" - 4" DualDRIVE	4"	.94"	1-1/2"	1.88"	3.8"	.63"
44.151.77.600	CAT50 x FMA 1-1/2" - 6" DualDRIVE	6"	.94"	1-1/2"	1.88"	3.8"	.63"
44.151.77.800	CAT50 x FMA 1-1/2" - 8" DualDRIVE	8"	.94"	1-1/2"	1.88"	3.8"	.63"
44.151.86.240	CAT50 x FMA 2" - 2.4" DualDRIVE	2.4"	.94"	2"	2.5"	4.88"	.75"
44.151.86.400	CAT50 x FMA 2" - 4" DualDRIVE	4"	.94"	2"	2.5"	4.88"	.75"

# BT30 Arbors & DualDRIVE for Dual-Contact Spindles



Techniks Certified for accuracy

## Features

- New one-piece design for dual-contact spindles
- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life

## Benefits

- Better rigidity and reduced vibration (chatter)
- Improved performance at high metal removal rates and when machining at extended lengths

**Dual-Contact Spindles:** Dual-Contact is a spindle option offered by some machine tool builders. Dual-contact means both the toolholder taper and the flange make contact with the spindle. The dual-contact provides increased rigidity and accuracy during machining. Use Techniks DualDRIVE holders if your machine has a dual-contact spindle.



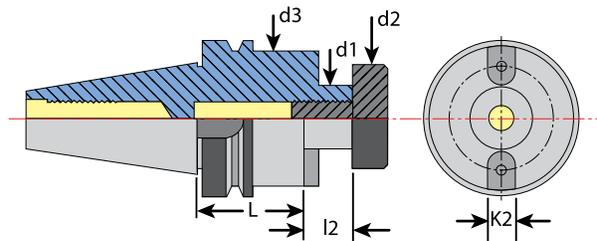
## CoolBLAST Coolant Option



CoolBLAST arbor screw provides coolant path. Order on page 117.



See an on machine demonstration video of DualDRIVE compared to standard toolholders at: <http://ow.ly/sUOqL>



## BT30 DualDRIVE Face Mill Arbors

Part No.	Description d1 – l1	L	l2	d1	d2	d3	K2
25.151.64.200	BT30 x DualDRIVE FMA 3/4" - 2"	2"	.69"	3/4"	.88"	1.66"	.313"
25.151.68.200	BT30 x DualDRIVE FMA 1.0" - 2"	2"	.69"	1.0"	1.18"	2.2"	.375"



## Features

- H6 arbor tolerance for less chatter and better tool life
- Each arbor lab certified for accuracy
- Taper ground to AT3 tolerance for maximum spindle contact

## BT30 Precision Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
16611	BT30 x 3/4" FMA - 1.18"	1.18"	.69"	3/4"	.88"	1.66"	.313"
16612	BT30 x 1" FMA - 1.77"	1.77"	.69"	1.0"	1.18"	2.2"	.375"
16614	BT30 x 1-1/4" FMA - 1.77"	1.77"	.87"	1-1/4"	1.5"	2.37"	.5"

# BT40, BT50 Precision Face Mill Arbors



Techniks Certified for accuracy

## Features

- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life
- Taper ground to AT3 tolerance or better



Arbor  
Screws  
pg. 117



Tightening  
Stands  
pg. 210



Retention  
Knobs  
pg. 204

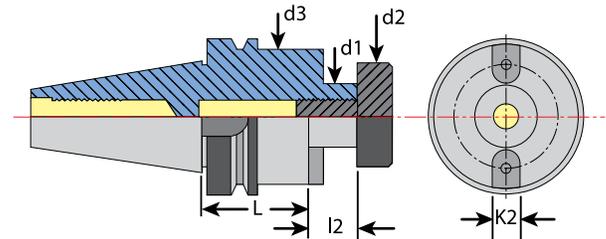


Wrenches  
pg. 208

## CoolBLAST Coolant Option



CoolBLAST arbor screw provides coolant path. Order on page 117.



## BT40 Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
16615-3/4	BT40 x 3/4" FMA - 1"	1.0"	.69"	3/4"	.88"	1.69"	.313"
16615-4	BT40 x 3/4" FMA - 4.0"	4"	.69"	3/4"	.88"	1.69"	.313"
16615-6	BT40 x 3/4" FMA - 6.0"	6"	.69"	3/4"	.88"	1.69"	.313"
16615	BT40 x 1.0" FMA - 1.77"	1.77"	.69"	1.0"	1.18"	2.2"	.375"
16617	BT40 x 1.0" FMA - 3.54"	3.54"	.69"	1.0"	1.18"	2.2"	.375"
16620	BT40 x 1-1/4" FMA - 1.77"	1.77"	.69"	1-1/4"	1.5"	2.75"	.5"
16620-4	BT40 x 1-1/4" FMA - 4"	4"	.69"	1-1/4"	1.5"	2.75"	.5"
16626	BT40 x 1-1/2" FMA - 2.36"	2.36"	.94"	1-1/2"	1.88"	3.8"	.625"

## BT50 Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
16639	BT50, 1.0" FMA - 1.77"	1.77"	.79"	1.0"	1.19"	1.97"	.375"
16639-3	BT50, 1.0" FMA - 3"	3"	.79"	1.0"	1.19"	1.97"	.375"
16642	BT50, 1-1/4" FMA - 1.77"	1.77"	.87"	1-1/4"	1.5"	2.34"	.5"
16645	BT50, 1-1/2" FMA - 1.77"	1.77"	.94"	1-1/2"	1.88"	3.8"	.625"
16646	BT50, 1-1/2" FMA - 75mm	75mm	.94"	1-1/2"	1.88"	3.8"	.625"
16646-105	BT50, 1-1/2" FMA - 105mm	105mm	.94"	1-1/2"	1.88"	3.8"	.625"
16646-150	BT50, 1-1/2" FMA - 150mm	150mm	.94"	1-1/2"	1.88"	3.8"	.625"
16648	BT50, 2.0" FMA - 2.95"	2.95"	.94"	2"	3.13"	4.88"	.75"

Techniks Certified tools are individually tested, inspected, and measured for quality.

# HSK63A, 100A and R8 Precision Face Mill Arbors



Techniks Certified for accuracy

## Features

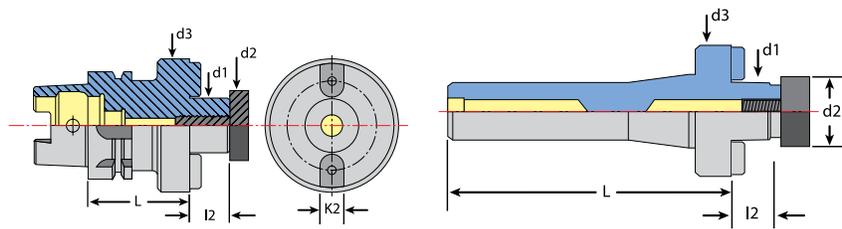
- Compatible with all face mills
- H6 arbor tolerance for less chatter and better tool life
- For HSK63A, HSK100A and R8 spindles



## CoolBLAST Coolant Option



CoolBLAST arbor screw provides coolant path. Order on page 117.



## HSK63A Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
93500	HSK63A .75" FMA - 2"	2"	.687"	.75"	.875"	1.69"	.313"
93501	HSK63A 1" FMA - 2.37"	2.37"	.687"	1.0"	1.24"	2.2"	.375"
93502	HSK63A 1.25" FMA - 2.75"	2.75"	.687"	1.25"	1.5"	2.75	.5"

## HSK63A Extended Length Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
93510	HSK63A .75" FMA - 4"	4"	.687"	.75"	.875"	1.69"	.313"
93520	HSK63A 1.0" FMA - 4"	4"	.687"	1.0"	1.24"	2.2"	.375"
93530	HSK63A 1.25" FMA - 4"	4"	.687"	1.25"	1.5"	2.75	.5"

## HSK100A Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
95901	HSK100 A .75" FMA - 2"	2"	.69"	.75"	.88"	1.69"	.31"
95903	HSK100 A 1.0" FMA - 2"	2"	.69"	1.0"	1.19"	2.2"	.38"
95905	HSK100 A 1.25" FMA - 2.5"	2.5"	.69"	1.25"	1.5"	2.75"	.5"
95907	HSK100 A 1.5" FMA - 2.5"	2.5"	.94"	1.5"	1.88"	3.8"	.63"

## R8 Face Mill Arbors

Part No.	Description	L	l2	d1	d2	d3	K2
7582401	R8-FMA-0.75	4.7"	.675"	.75"	-	1.93	.37"
7582402	R8-FMA-1.0	4.85"	.85"	1.0"	1.24"	1.81"	.37"
7582403	R8-FMA-1.25	4.90"	.75"	1.25"	1.62"	2.28"	.47"

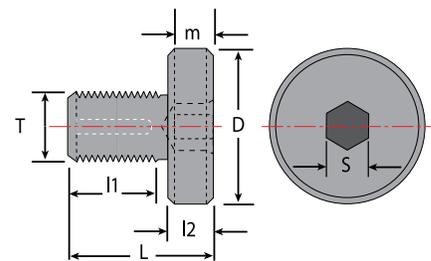
# CoolBLAST and Standard Face Mill Arbor Screws



CoolBLAST arbor screw provides coolant path.

## Features

- Compatible with all face mills
- Works with all Techniks face mill arbors
- For coolant up to 1,500 PSI



## CAT, BT, and HSK CoolBLAST Coolant Arbor Screws

Part No.	Description	Style	Size	D	L	I1	I2	T	S	m
WF.C1-0.5	CoolBLAST arbor screw 1/2"	B	1/2"	5/8"	.84"	.5"	.34"	1/4"-28UNF	3/16"	.157"
WF.C1-0.75	CoolBLAST arbor screw 3/4"	B	3/4"	7/8"	1.8"	1.4"	.37"	3/8"-24UNF	1/4"	.197"
9851125	CAS-A-0.75 smaller "D"	A	3/4"	5/8"	1.375"	1.0"	.36"	3/8"-24UNF	1/4"	.37"
WF.C1-1	CoolBLAST arbor screw 1.0"	B	1.0"	1-3/16"	1.4"	0.81"	.37"	1/2"-20UNF	5/16"	.197"
9851135	CAS-A-1.00 smaller "D"	A	1.0"	3/4"	1.375"	1.0"	.38"	1/2"-20UNF	5/16"	.37"
WF.C1-1.25	CoolBLAST arbor screw 1-1/4"	B	1-1/4"	1-1/2"	1.44"	0.94"	.5"	5/8"-18UNF	5/16"	.236"
WF.C1-1.5	CoolBLAST arbor screw 1-1/2"	B	1-1/2"	1-7/8"	1.63"	1.13"	.5"	3/4"-16UNF	3/8"	.276"
WF.C1-2	CoolBLAST arbor screw 2.0"	B	2"	2-1/2"	1.81"	1.31"	.5"	1.0"-14UNF	1/2"	.354"

Blue indicates coolant.

## CAT, BT, and HSK Standard Arbor Screws

Part No.	Description	Arbor Size	D	L	I1	I2	T	S	m
WF0.5	FMA screw 1/2"	1/2"	5/8"	.84"	.5"	.34"	1/4"-28UNF	3/16"	.157"
WF0.75	FMA screw 3/4"	3/4"	7/8"	1.8"	1.4"	.37"	3/8"-24UNF	1/4"	.197"
WF1	FMA screw 1.0"	1.0"	1-3/16"	1.4"	0.81"	.37"	1/2"-20UNF	5/16"	.197"
WF1.25	FMA screw 1-1/4"	1-1/4"	1-1/2"	1.44"	0.94"	.5"	5/8"-18UNF	5/16"	.236"
WF1.5	FMA screw 1-1/2"	1-1/2"	1-7/8"	1.63"	1.13"	.5"	3/4"-16UNF	3/8"	.276"
WF2	FMA screw 2.0"	2"	2-1/2"	1.81"	1.31"	.5"	1.0"-14UNF	1/2"	.354"

# Measurement Guide for Special Order Toolholders

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 = \_\_\_\_\_

HSK CNC machine  
make, model and spindle

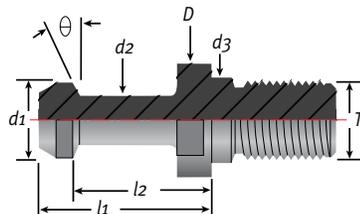
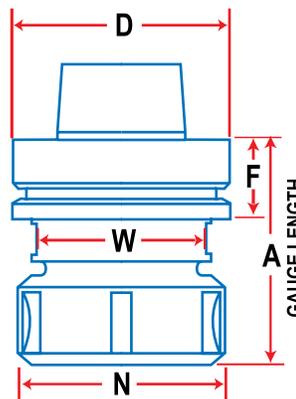
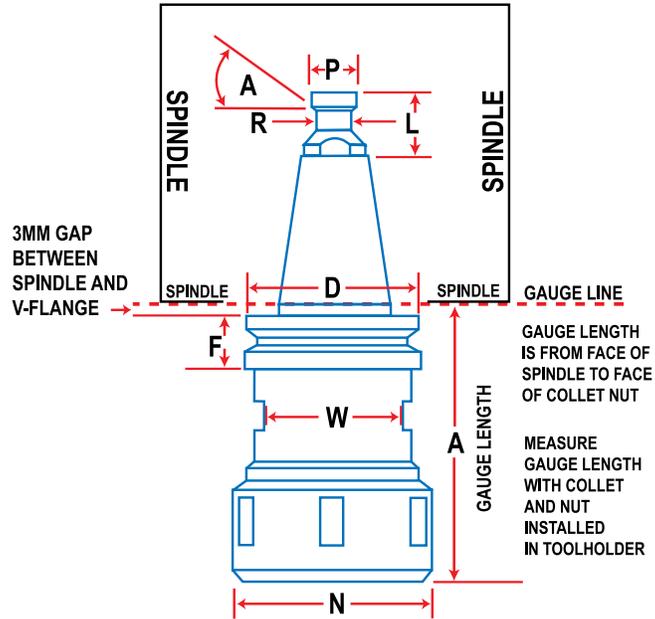
HSK tool #1 dimensions

D = \_\_\_\_\_  
 F = \_\_\_\_\_  
 W = \_\_\_\_\_  
 A = \_\_\_\_\_  
 N = \_\_\_\_\_

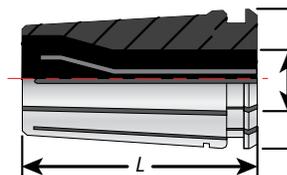
HSK tool #2 dimensions

D = \_\_\_\_\_  
 F = \_\_\_\_\_  
 W = \_\_\_\_\_  
 A = \_\_\_\_\_  
 N = \_\_\_\_\_

Fill in all the required dimensions (left).  
 Then, fax or phone in your order for a fast quote.



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