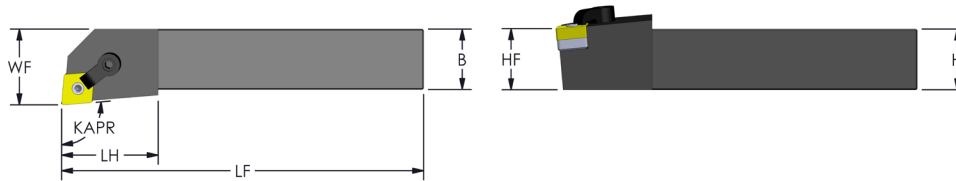


AHB
TOOLING & MACHINERY
COMPLETE METALWORKING SOLUTIONS

ARCH[®] Cutting Tools **APEX PARTNER**

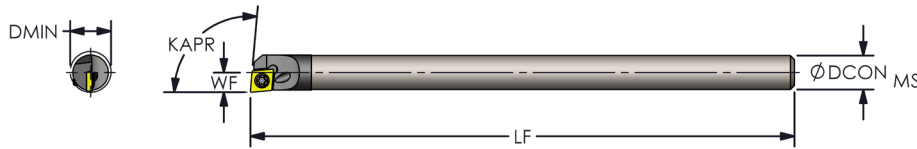
Your Complete Tool Making Authority[™]
Product Spotlight

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Negative 80° Diamond (KAPR: 95°)

PRODUCT # Left hand	PRODUCT # Right hand	Designation	B	H	LF	LH	WF	HF	Insert	Shim	Lock Pin	Clamp	Screw	Price
974-000-065	974-000-075	MCLNR/L 12-4B	0.750	0.750	4.5	1.300	1.000	0.750	CNMG 432	ICSN-433	NL-46	CL-20	XNS-48	\$70.40
974-000-066	974-000-076	MCLNR/L 16-4D	1.000	1.000	6	1.600	1.250	1.000	CNMG 432	ICSN-433	NL-46	CL-20	XNS-48	\$76.70
974-000-069	974-000-079	MCLNR/L 20-4D	1.250	1.250	6	1.600	1.500	1.250	CNMG 432	ICSN-433	NL-46	CL-20	XNS-48	\$84.00
974-000-067	974-000-077	MCLNR/L 16-5D	1.000	1.000	6	1.600	1.250	1.000	CNMG 543	ICSN-533	NL-58	CL-12	XNS-510	\$76.70
974-000-070	974-000-080	MCLNR/L 20-5D	1.250	1.250	6	1.600	1.570	1.250	CNMG 543	ICSN-533	NL-58	CL-12	XNS-510	\$84.00
974-000-072	974-000-082	MCLNR/L 24-5D	1.500	1.500	6	1.600	2.000	1.500	CNMG 543	ICSN-533	NL-58	CL-12	XNS-510	\$111.30
974-000-068	974-000-078	MCLNR/L 16-6D	1.000	1.000	6	1.600	1.250	1.000	CNMG 643	ICSN-633	NL-68	CL-12	XNS-510	\$76.70
974-000-071	974-000-081	MCLNR/L 20-6D	1.250	1.250	6	1.600	1.570	1.250	CNMG 643	ICSN-633	NL-68	CL-12	XNS-510	\$84.00
974-000-073	974-000-083	MCLNR/L 24-6D	1.500	1.500	6	1.600	2.000	1.500	CNMG 643	ICSN-633	NL-68	CL-12	XNS-510	\$111.30
974-000-074	974-000-084	MCLNR/L 24-6E	1.500	1.500	7	1.600	2.000	1.500	CNMG 643	ICSN-633	NL-68	CL-12	XNS-510	\$111.30



Carbide Boring Bar

8:1 Ratio

Positive 80° Diamond (KAPR: 95°)

Imperial

Coolant Thru

PRODUCT #	Designation	DCON MS	LF	WF	DMIN	Insert	Insert Screw	Key	Price	Promotional Kit Price
915-000-002	CCUD-180/187-4-5R *	.187	4	.104	.208	CDHB 1.20.60.5	MTS-183	T-6	\$224.00	\$199.00
915-000-003	CCUD-180/187-6-5R *	.187	6	.104	.208	CDHB 1.20.60.5	MTS-183	T-6	\$237.50	\$199.00
915-000-006	CCUD-187-4-5R *	.187	4	.111	.222	CDHB 1.20.60.5	MTS-183	T-6	\$224.00	\$199.00
915-000-007	CCUD-187-6-5R *	.187	6	.111	.222	CDHB 1.20.60.5	MTS-183	T-6	\$237.50	\$199.00
915-000-011	CCUD-250-4-5R *	.250	4	.145	.285	CDHB 1.20.60.5	MTS-184	T-6	\$224.00	\$199.00
915-000-013	CCUD-250-6-5R *	.250	6	.145	.285	CDHB 1.20.60.5	MTS-184	T-6	\$237.50	\$199.00
915-000-014	CCUD-312-5-5R *	.312	5	.185	.360	CDHB 1.20.60.5	MTS-184	T-6	\$237.50	\$199.00

* bars .312 and smaller do not have flats

* Promotional Kit includes one boring bar and 10 CDHB 1.20.60.5 UD52 inserts
Add "KIT" to the end of the bar designation when ordering a kit. (i.e., CCUD-180/187-4-5R KIT)

ARCH Services

Repair - Retip - Recoat - Regrind - Resharpen

Save up to 75% off the cost of new tooling

ARCH Cutting Tools is proud to offer our customers complete repair services for solid or indexable tooling.

Before



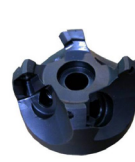
After



Before



After



- Capable of repairing any manufacturers' tool or insert pocket type
- All tools brought back to original manufacturer's specifications
- Experienced with HSK, KM, CAPTO, and all standard machine tapers

Simply take a picture of your damaged tool, include your customer name and part number and email to: Repair-flushing@archgp.com

CHATTER-FREE BORING BARS

5:1 Up To
14:1 Ratio

Turnable Internal Damping Technology

.156" -1.5" Diameters

Product Highlights:

Tunable Internal Damping Technology provides optimal dynamic stability yielding significant increases in machining performance. Most importantly, the bars pay for themselves quickly by increasing speed and precision. Additionally, you can leave Chatter-Free Tooling "CFT" in the machine and use it for deep or shallow bore applications, thus reducing changeover and setup time.

- Fully tunable boring bar (arrives pre-tuned)
- Labeled dial for ease of tuning
- Quick setup flat located on connection end of bar
- Solves difficult deep boring applications
- Increase surface finish
- Increase output by more aggressive cutting
- Increase tool life from reduced vibration
- Multiple head configurations



TOOL HOLDING

- CAT40 ER Collet
- CAT40 Weldon Side Lock
- CAT40 Shell Mill
- CAT40 Shrink Fit
- CAT40 Jacob Taper/Blanks
- CAT50 ER Collett
- CAT50 Weldon Side Lock
- CAT50 Shell Mill
- CAT50 Shrink Fit
- CAT50 Jacobs Taper/Blank
- CAT50 Retention Knobs
- HSK 40-63A Collet Chucks
- HSK63A End Mill Holder
- HSK63A Shell Mill Holders/ Blanks
- HSK63A Metric Shrink Fit-Fit Holder
- HSK80-125A ER Collet
- HSK100A End Mill Holder
- HSK 100A Shell Mill Holders/Blanks
- HSK100A Shrink-Fit Holders
- HSK100A Metric Shrink-Fit Holders
- HASK Coolant Tubes/Sockets & Shrink Fit Extensions
- Straight Shank Collet Chucks
- Straight Shank
- Imperial Steel Sealed Collets
- Metric Steel Sealed Collets
- Imperial Collets
- Metric Collets
- ISO Milling Bars



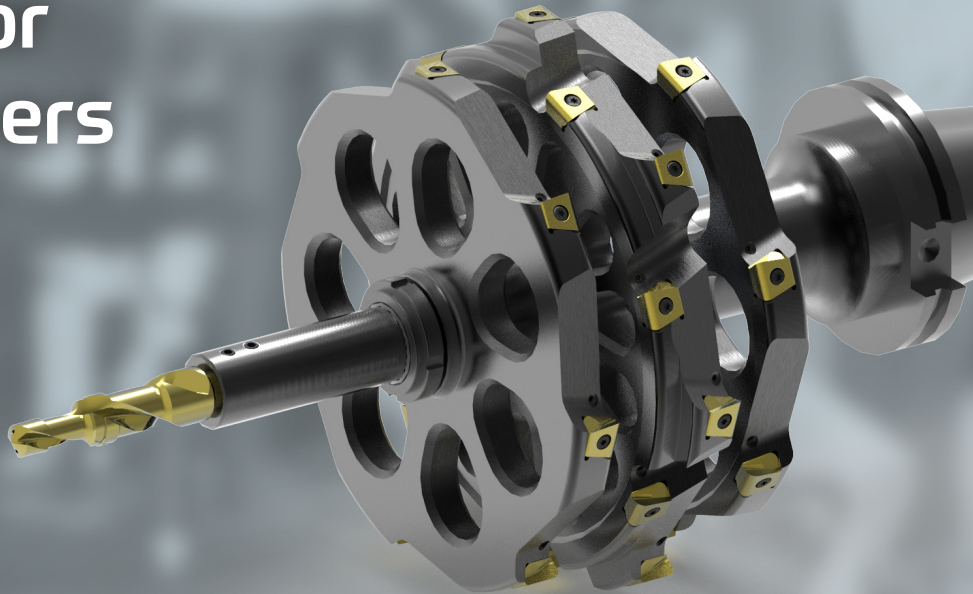
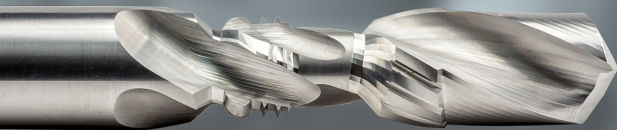
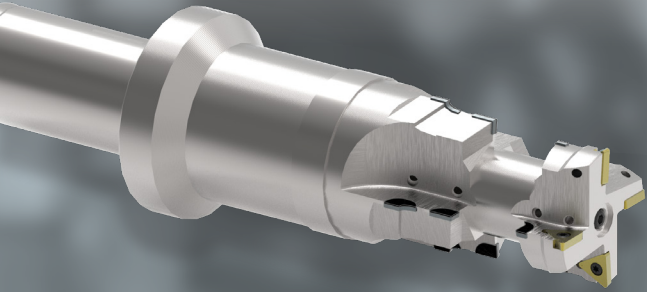


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