

CARBIDE TOOLS



HTC-HOT MILLS

HTC-HOT MILLS

OUR UNIQUE HIGH PERFORMANCE 4-FLUTE FINISHING VARIABLE-INDEXED ACCELERATOR CARBIDE END MILLS CUT STAINLESS STEEL AND OTHER TOUGH ALLOYS AT HIGH METAL REMOVAL RATES. SPECIAL TOOL GEOMETRICS OFFER REDUCED VIBRATION, GREATER STRENGTH, TOOL LIFE AND FEEDS & SPEEDS. OUR UNIQUE HIGH PERFORMANCE VARIABLE INDEXED 4-FLUTE ACCELERATOR CARBIDE END MILL STANDARD OFFERING INCLUDE:

- VARIABLE INDEXED FLUTE TO FLUTE; REDUCES VIBRATIONS ALLOWING INCREASED FEEDS & SPEEDS.
- ECCENTRIC-RADIAL O.D. RELIEVED; INCREASES TOOL STRENGTH ALLOWING GREATER FEEDS & SPEEDS.
- OUR BEST HARD COATING FOR HEAVY FAST METAL REMOVAL RATES—CAN BE USED DRY
- SHANK O.D. COOLANT GROOVE-EACH FLUTE; TO MAXIMIZE COOLING AND CHIP EVACUATION VELOCITY
- ECCENTRIC O.D. PRIMARY RELIEF
- 35 HELIX/RHC-RHS
- STD WITH CORNER RADIUS
- FLUTE DIAMETER +.000-.002
- SHANK DIAMETER -.0001-.0004
- HTC —ALTIN HARD COAT
- STD. WITH SHANK O.D. COOLANT GROVES FEED SLOTS MAXIMIZE COOLING & CHIP EVACUATION

HIGH PERFORMANCE 4-FLUTE FINISHING VARIABLE INDEXED CARBIDE END MILLS-THE ACCELERATOR SERIES

Series 800

HTC 

TOOL - CUTTER MANUFACTURING

SOLID CARBIDE END MILLS

HTC HOT MILLS

SINGLE END SQUARE

4 FLUTE

ALTiN COATED - **HTC** HARD COAT

CUTTER DIA	FLUTE LENGTH	O.A. LENGTH	CORNER RADIUS	PART#	LIST PRICE
1/8"	1/2"	1-1/2"	.010	800-1250	\$12.00
3/16"	5/8"	2"	.010	800-1870	\$14.00
1/4"	3/4"	2-1/2"	.015	800-2500	\$18.00
5/16"	7/8"	2-1/2"	.015	800-3120	\$26.00
3/8"	1"	2-1/2"	.020	800-3750	\$32.00
7/16"	1-1/8"	2-3/4"	.025	800-4370	\$48.00
1/2"	1-1/4"	3"	.030	800-5000	\$58.00
5/8"	1-1/2"	3-1/2"	.030	800-6250	\$94.00
3/4"	1-3/4"	4"	.040	800-7500	\$136.00
1"	1-3/4"	4"	.045	800-1000	\$216.00

SOLID CARBIDE END MILLS

HTC BALL END HOT MILLS

SINGLE END BALL

4 FLUTE

ALTIN COATED - HTC HARD COAT



CUTTER DIA	FLUTE LENGTH	O.A. LENGTH	PART#	LIST PRICE
1/8"	1/2"	1-1/2"	810-125B	\$16.46
3/16"	5/8"	2"	810-187B	\$18.24
1/4"	3/4"	2-1/2"	810-250B	\$26.00
5/16"	7/8"	2-1/2"	810-312B	\$36.00
3/8"	1"	2-1/2"	810-375B	\$40.00
7/16"	1-1/8"	2-3/4"	810-437B	\$56.00
1/2"	1-1/4"	3"	810-500B	\$72.00
5/8"	1-1/2"	3-1/2"	810-625B	\$128.00
3/4"	1-3/4"	4"	810-750B	\$175.00
1"	1-3/4"	4"	810-100B	\$278.00

SOLID CARBIDE END MILLS

HTC STUB HOT MILLS

SINGLE END SQUARE

4 FLUTE

ALTIN COATED - **HTC** HARD COAT



CUTTER DIA	FLUTE LENGTH	O.A. LENGTH	CORNER RADIUS	PART#	LIST PRICE
1/8"	1/4"	1-1/2"	.010	815-1250	\$10.00
3/16"	1/4"	2"	.010	815-1870	\$11.00
1/4"	5/16"	2"	.015	815-2500	\$16.00
5/16"	3/8"	2"	.015	815-3120	\$23.00
3/8"	1/2"	2"	.020	815-3750	\$29.00
7/16"	5/8"	2-1/2"	.025	815-4370	\$44.00
1/2"	5/8"	2-1/2"	.030	815-5000	\$53.00
5/8"	1"	3"	.030	815-6250	\$88.00
3/4"	1"	3"	.040	815-7500	\$129.00
1"	1"	3"	.045	815-1000	\$193.00

SOLID CARBIDE END MILLS

HTC STUB END HOT MILLS

SINGLE END BALL

4 FLUTE

ALTiN COATED - HTC HARD COAT



CUTTER DIA	FLUTE LENGTH	O.A. LENGTH	PART#	LIST PRICE
1/8"	1/4"	1-1/2"	820-125B	\$14.00
3/16"	1/4"	2"	820-187B	\$16.00
1/4"	5/16"	2"	820-250B	\$24.00
5/16"	3/8"	2"	820-312B	\$32.00
3/8"	1/2"	2"	820-375B	\$37.00
7/16"	5/8"	2-1/2"	820-437B	\$51.00
1/2"	5/8"	2-1/2"	820-500B	\$66.00
5/8"	1"	3"	820-625B	\$121.00
3/4"	1"	3"	820-750B	\$164.00
1"	1"	3"	820-100B	\$263.00

SOLID CARBIDE END MILLS

HTC LONG REACH HOT MILLS

SINGLE END SQUARE

4 FLUTE

ALTIN COATED - **HTC** HARD COAT



CUTTER DIA	FLUTE LENGTH	O.A. LENGTH	CORNER RADIUS	PART#	LIST PRICE
1/4"	3/4"	4"	.015	822-2500	\$34.50
5/16"	7/8"	4"	.015	822-3120	\$36.20
3/8"	1"	4"	.020	822-3750	\$42.15
1/2"	1-1/4"	4"	.030	822-5000	\$78.00
1/2"	1-1/4"	6"	.030	822-5100	\$87.90
5/8"	1-1/2"	6"	.030	822-6255	\$153.00
3/4"	1-3/4"	6"	.040	822-7500	\$196.00
1"	1-3/4"	6"	.045	822-1000	\$278.00