

5 FLUTE APOLLO

VARIABLE HELIX END MILLS

0.2500" - 1.0000" DIAMETER

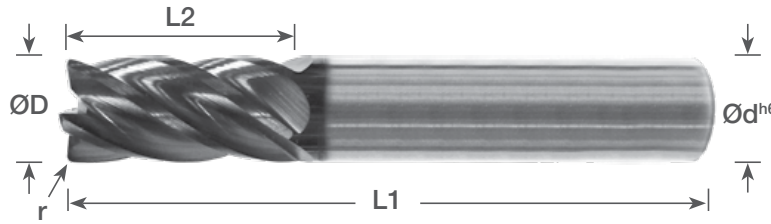
Variable Helix

Unequal Flutes to Reduce Chatter

Can be used as a rougher or a finishing tool

Excellent for Alloy Steel, Nickel Steel, Stainless Steel, and Carbon Steel

AlCrN Coating



STANDARD Length (Inch Sizes)

AlCrN Coating		Dimensions (in)				
Part Number	Stock	ØD	Ød ^{h6}	L1	L2	r
AP5-2500.750	●	0.2500 (1/4)	1/4	2 1/2	3/4	0.015 - 0.020
AP5-3750.1000	●	0.3750 (3/8)	3/8	2 1/2	1	0.015 - 0.020
AP5-5000.1000	●	0.5000 (1/2)	1/2	3	1	0.025 - 0.030
AP5-6250.1250	●	0.6250 (5/8)	5/8	3 1/2	1 1/4	0.030 - 0.035
AP5-7500.1500	●	0.7500 (3/4)	3/4	4	1 1/2	0.030 - 0.035
AP5-10000.1500	●	1.0000 (1)	1	4	1 1/2	0.030 - 0.035

Cutting Diameter Tolerances
 0.2500" = +0.0000/-0.0012
 0.3750" = +0.0000/-0.0016
 0.5000" - 1.0000" = +0.0000/-0.0020

- INSERT GRADES **A**
- TURNING INSERTS **B**
- GEN/PCD INSERTS **C**
- TURNING HOLDERS **D**
- SMALL TOOLS **E**
- BORING **F**
- GROOVING **G**
- CUT-OFF **H**
- THREADING **J**
- DRILLING **K**
- SOLID TOOLS **L**
- MILLING **M**
- HSK TOOLING **N**
- SPARE PARTS **P**
- TECHNICAL **R**
- INDEX **T**

APOLLO SERIES AP5 WORKPIECE MATERIAL																
Coating	P Steel ~30HRC	P Steel 30~40HRC	H Hardened Steel ~55HRC	H Hardened Steel ~68HRC	M Stainless Steel	K Cast Iron	N Aluminum	N Graphite	N Copper Alloy	N Brass	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlCrN	☆	☆	★	★	★	☆			☆	☆					☆	☆

★ : Priority ☆ : Applicable Materials

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Symbol Descriptions [Page L3](#)

● : U.S. Stock Standard
 ■ : NOT STOCKED - Call for Delivery

(U.S.) 1.888.848.8449
 (International) 001.714.428.3636
 Visit us online at KyoceraPrecisionTools.com

4.00mm - 25.00mm DIAMETER

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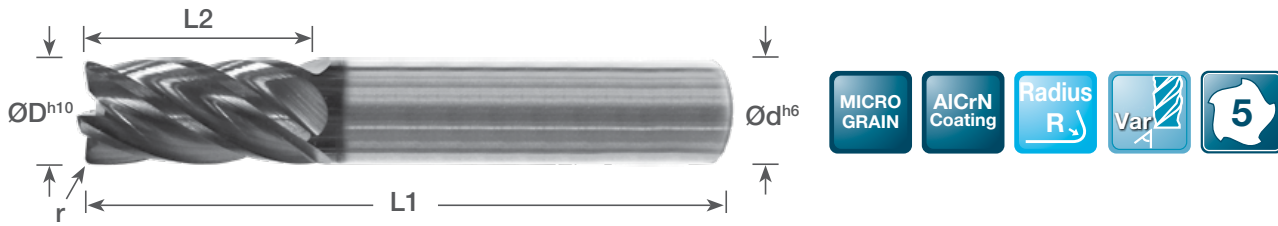
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AlCrN Coating

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VARIABLE HELIX END MILLS



STANDARD Length (Metric Sizes)

AlCrN Coating		Dimensions (mm)				
Part Number	Stock	ØD ^{h10}	Ød ^{h6}	L1	L2	r
AP5M-1575.551	●	4.00	4.00	50.00	14.00	0.40
AP5M-2362.787	●	6.00	6.00	63.00	20.00	0.40
AP5M-3150.787	●	8.00	8.00	63.00	20.00	0.40
AP5M-3937.984	●	10.00	10.00	70.00	25.00	0.40
AP5M-4724.984	●	12.00	12.00	75.00	25.00	0.60
AP5M-6299.1260	●	16.00	16.00	89.00	32.00	0.70
AP5M-7874.1496	●	20.00	20.00	100.00	38.00	0.70
AP5M-9843.1496	●	25.00	25.00	100.00	38.00	0.70

- L SOLID TOOLS
- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

APOLLO SERIES AP5M WORKPIECE MATERIAL																
Coating	P	P	H	H	M	K	N	N	N	N	N	N	S	S		
	Steel ~30HRC	Steel 30~40HRC	Hardened Steel ~55HRC	Hardened Steel ~68HRC	Stainless Steel	Cast Iron	Aluminum	Graphite	Copper Alloy	Brass	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AlCrN	☆	☆	★	★	★	☆			☆	☆					☆	☆

★ : Priority ☆ : Applicable Materials

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