

AC3 SERIES

45° Helix For Aluminum - 3FL Square & Radius



The gold standard in Aluminum cutting end mills. The AC3 is a great do-it-all cutter that you can take heavy cuts with, but still produces great finishes. 3FL Design provides high axial rigidity.

- 45 Degree Helix For Better Shear And Excellent Chip Evacuation.
- 3FL Design is stronger and more rigid than 2FL.
- Micro-Polished Edge-Prep And Double Rake Flutes With A Wiper Flat For Incredible Finishes.
- Premium Micrograin Carbide Blanks And Eccentric Relief For Superior Strength And Wear Resistance.
- Tightest Standard Tolerances In The Industry For Unmatched Consistency.

How To Build Your 16 Digit Part Number

First6	Middle6	End Geo	Coolant Hole	Coating	=	Part # to Order
AC0125	358000	R6	0	0	=	AC0125358000R600

MORE RADII
.120R = RL
.156R = RN
.187R = RQ
.250R = RV

First 6	Middle 6						End Geometry					Pick 1	Pick 1										
							GEO & DIA#	FL, LOC, & LBS#	DIA	FL#	LOC			LBS	OAL	W/Wiper	-----Radius-----					Coolant Hole	Coating
																	.015	.030	.060	.090	.125		
AC0125	358000	0.125	3	0.250	0	1.500	S1	R3	R6			0	0										
	36W001	0.125	3	0.375	0	2.000																	
	38I001	0.125	3	0.500	0	2.000																	
	3BU003	0.125	3	0.750	0	2.500																	
AC0187	362001	0.187	3	0.312	0	2.000	S1	R3	R6	RC		0	0										
	39C001	0.187	3	0.562	0	2.000																	
	3A6001	0.187	3	0.625	0	2.000																	
	3BU003	0.187	3	0.750	0	2.500																	
AC0250	36W001	0.250	3	0.375	0	2.000	S1	R3	R6	RC	RH	0	0										
	38I001	0.250	3	0.500	0	2.000																	
	3A6003	0.250	3	0.625	0	2.500																	
	3BU003	0.250	3	0.750	0	2.500																	
	3CS005	0.250	3	1.000	0	3.000																	
	3DG005	0.250	3	1.250	0	3.000																	
	3E6005	0.250	3	1.500	0	3.000																	
3EW005	0.250	3	1.750	0	3.000																		
AC0312	37Q001	0.312	3	0.437	0	2.000	S1	R3	R6	RC	RH	RM	0	0									
	38I001	0.312	3	0.500	0	2.000																	
	3BU003	0.312	3	0.750	0	2.500																	
	3C2003	0.312	3	0.812	0	2.500																	
	3CS005	0.312	3	1.000	0	3.000																	
	3DG005	0.312	3	1.250	0	3.000																	
	3EW007	0.312	3	1.750	0	3.500																	
	3FW009	0.312	3	2.125	0	4.000																	
AC0375	38I001	0.375	3	0.500	0	2.000	S1	R3	R6	RC	RH	RM	0	0									
	3BU003	0.375	3	0.750	0	2.500																	
	3CS003	0.375	3	1.000	0	2.500																	
	3DG007	0.375	3	1.250	0	3.500																	
	3E6007	0.375	3	1.500	0	3.500																	
	3EW007	0.375	3	1.750	0	3.500																	
	3FK009	0.375	3	2.000	0	4.000																	
	3G6009	0.375	3	2.250	0	4.000																	
	3GS00E	0.375	3	2.500	0	5.000																	
AC0437	39C004	0.437	3	0.562	0	2.750	S1	R3	R6	RC	RH	RM	0	0									
	3BU004	0.437	3	0.750	0	2.750																	
	3CS004	0.437	3	1.000	0	2.750																	
	3DG007	0.437	3	1.250	0	3.500																	
	3E6007	0.437	3	1.500	0	3.500																	
	3EW009	0.437	3	1.750	0	4.000																	
	3FK009	0.437	3	2.000	0	4.000																	
3H200E	0.437	3	2.625	0	5.000																		

Non-Standard Lengths, Diameters, And Radius Sizes Available Upon Request.

AC3 SERIES Continued



How To Build Your 16 Digit Part Number

First6	Middle6	End Geo	Coolant Hole	Coating	=	Part # to Order
AC0500	3A6003	FH	0	0		AC05003A6003FH00

MORE RADII
.120R = RL
.156R = RN
.187R = RQ
.250R = RV

GEO & DIA#	FL,LOC, & LBS#						Square W/Wiper	-----Radius-----					Coolant Hole None	Coating None
		DIA	FL#	LOC	LBS	OAL		.015	.030	.060	.090	.125		
AC0500	3A6003	0.500	3	0.625	0	2.500	S1	R3	R6	RC	RH	RM	0	0
	3CS005	0.500	3	1.000	0	3.000								
	3DG005	0.500	3	1.250	0	3.000								
	3E6007	0.500	3	1.500	0	3.500								
	3EI007	0.500	3	1.625	0	3.500								
	3EW009	0.500	3	1.750	0	4.000								
	3FK009	0.500	3	2.000	0	4.000								
	3G600E	0.500	3	2.250	0	5.000								
	3GS00E	0.500	3	2.500	0	5.000								
	3HC00E	0.500	3	2.750	0	5.000								
	3HY00E	0.500	3	3.000	0	5.000								
	3I800E	0.500	3	3.125	0	5.000								
	3II00I	0.500	3	3.250	0	6.000								
3J400I	0.500	3	3.500	0	6.000									
AC0625	3BU005	0.625	3	0.750	0	3.000	S1	R3	R6	RC	RH	RM	0	0
	3DG007	0.625	3	1.250	0	3.500								
	3EI007	0.625	3	1.625	0	3.500								
	3F8009	0.625	3	1.875	0	4.000								
	3FK009	0.625	3	2.000	0	4.000								
	3G600E	0.625	3	2.250	0	5.000								
	3GS00E	0.625	3	2.500	0	5.000								
	3HC00E	0.625	3	2.750	0	5.000								
	3II00I	0.625	3	3.250	0	6.000								
	3JQ00I	0.625	3	3.750	0	6.000								
	3LS00L	0.625	3	4.625	0	7.000								
AC0750	3BU005	0.750	3	0.750	0	3.000	S1	R3	R6	RC	RH	RM	0	0
	3CS009	0.750	3	1.000	0	4.000								
	3DU009	0.750	3	1.375	0	4.000								
	3EI009	0.750	3	1.625	0	4.000								
	3G600E	0.750	3	2.250	0	5.000								
	3GS00E	0.750	3	2.500	0	5.000								
	3II00I	0.750	3	3.250	0	6.000								
	3J400I	0.750	3	3.500	0	6.000								
	3KA00K	0.750	3	4.000	0	6.500								
	3LG00L	0.750	3	4.500	0	7.000								
AC1000	3CS005	1.000	3	1.000	0	3.000	S1	R3	R6	RC	RH	RM	0	0
	3DG009	1.000	3	1.250	0	4.000								
	3FK00B	1.000	3	2.000	0	4.500								
	3H200E	1.000	3	2.625	0	5.000								
	3HY00I	1.000	3	3.000	0	6.000								
	3II00I	1.000	3	3.250	0	6.000								
	3J400I	1.000	3	3.500	0	6.000								
	3KK00L	1.000	3	4.125	0	7.000								
	3LG00L	1.000	3	4.500	0	7.000								
	3N800P	1.000	3	5.250	0	8.000								
AC1250	3CS009	1.250	3	1.000	0	4.000	S1	R3	R6	RC	RH	RM	0	0
	3FK00B	1.250	3	2.000	0	4.500								
	3H200G	1.250	3	2.625	0	5.500								
	3II00I	1.250	3	3.250	0	6.000								
	3KW00N	1.250	3	4.250	0	7.500								
	3NU00R	1.250	3	5.500	0	9.000								

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