

ACEL2 SERIES

45° Helix For Aluminum - 2FL Necked XL Square & Radius



The gold standard in Aluminum cutting end mills. The ACEL2 is a great do-it-all cutter that you can full slot with, but can still speed up and obtain a great finish. Best all around option for long reach full-slotting on low HP machines in Aluminum. 2fl high helix provides less tool pressure and excellent chip evacuation, which is perfect for long reach applications.

- Blended Neck Relief Reduces Lines In Step Down Machining.
- 45 Degree Helix For Better Shear And Excellent Chip Evacuation.
- Micro-Polished Edge-Prep And Double Rake Flutes With A Wiper Flat For Incredible Wall And Floor 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	258810	R6	0	0		AC0125258810R600

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	Square	-----Radius-----					Coolant Hole	Coating		
									W/Wiper	.015	.030			.060			.090	.125
AC0125	258810	0.125	2	0.250	0.500	1.500		S1	R3	R6					0	0		
	258BU1	0.125	2	0.250	0.750	2.000												
	258CS1	0.125	2	0.250	1.000	2.000												
	258DG3	0.125	2	0.250	1.250	2.500												
AC0187	262811	0.187	2	0.312	0.500	2.000		S1	R3	R6	RC				0	0		
	262CS5	0.187	2	0.312	1.000	3.000												
	262DG5	0.187	2	0.312	1.250	3.000												
	262E65	0.187	2	0.312	1.500	3.000												
	262EW5	0.187	2	0.312	1.750	3.000												
	262FK5	0.187	2	0.312	2.000	3.000												
AC0250	26WBU1	0.250	2	0.375	0.750	2.000		S1	R3	R6	RC	RH			0	0		
	26WCS3	0.250	2	0.375	1.000	2.500												
	26WDG3	0.250	2	0.375	1.250	2.500												
	26WE65	0.250	2	0.375	1.500	3.000												
	26WEW5	0.250	2	0.375	1.750	3.000												
	26WFK7	0.250	2	0.375	2.000	3.500												
	26WG67	0.250	2	0.375	2.250	3.500												
	26WGS9	0.250	2	0.375	2.500	4.000												
AC0312	27QBU1	0.312	2	0.437	0.750	2.000		S1	R3	R6	RC	RH	RM		0	0		
	27QCS3	0.312	2	0.437	1.000	2.500												
	27QDG3	0.312	2	0.437	1.250	2.500												
	27QE65	0.312	2	0.437	1.500	3.000												
	27QEW5	0.312	2	0.437	1.750	3.000												
	27QFK7	0.312	2	0.437	2.000	3.500												
	27QG67	0.312	2	0.437	2.250	3.500												
	27QGS9	0.312	2	0.437	2.500	4.000												
	27QI81	0.312	2	0.437	3.125	6.000												
	27QKAI	0.312	2	0.437	4.000	6.000												
AC0375	28ICS3	0.375	2	0.500	1.000	2.500		S1	R3	R6	RC	RH			0	0		
	28IDG5	0.375	2	0.500	1.250	3.000												
	28IE65	0.375	2	0.500	1.500	3.000												
	28IFK7	0.375	2	0.500	2.000	3.500												
	28IG69	0.375	2	0.500	2.250	4.000												
	28IGSB	0.375	2	0.500	2.500	4.500												
	28IHYE	0.375	2	0.500	3.000	5.000												
	28IJ4G	0.375	2	0.500	3.500	5.500												
	28IJQI	0.375	2	0.500	3.750	6.000												
	28IKAI	0.375	2	0.500	4.000	6.000												

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

ACEL2 SERIES Continued



How To Build Your 16 Digit Part Number

First6	Middle6	End Geo	Coolant Hole	Coating	=	Part # to Order
AC0437	29CCS4	R6	0	0		AC043729CCS4R600

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		
AC0437	29CCS4	0.437	2	0.562	1.000	2.750	S1	R3	R6	RC	RH	RM	0	0
	29CDG4	0.437	2	0.562	1.250	2.750								
	29CE67	0.437	2	0.562	1.500	3.500								
	29CFK9	0.437	2	0.562	2.000	4.000								
	29CGSB	0.437	2	0.562	2.500	4.500								
	29CHYE	0.437	2	0.562	3.000	5.000								
	29CJ4G	0.437	2	0.562	3.500	5.500								
	29CKAI	0.437	2	0.562	4.000	6.000								
AC0500	2A6CS5	0.500	2	0.625	1.000	3.000	S1	R3	R6	RC	RH	RM	0	0
	2A6DU7	0.500	2	0.625	1.375	3.500								
	2A6E67	0.500	2	0.625	1.500	3.500								
	2A6FK9	0.500	2	0.625	2.000	4.000								
	2A6G69	0.500	2	0.625	2.250	4.000								
	2A6GSB	0.500	2	0.625	2.500	4.500								
	2A6HYE	0.500	2	0.625	3.000	5.000								
	2A6J4G	0.500	2	0.625	3.500	5.500								
	2A6KAI	0.500	2	0.625	4.000	6.000								
	2A6LGK	0.500	2	0.625	4.500	6.500								
2A6MML	0.500	2	0.625	5.000	7.000									
AC0625	2BUCS5	0.625	2	0.750	1.000	3.000	S1	R3	R6	RC	RH	RM	0	0
	2BUE67	0.625	2	0.750	1.500	3.500								
	2BUEW9	0.625	2	0.750	1.750	4.000								
	2BUFK9	0.625	2	0.750	2.000	4.000								
	2BUGGC	0.625	2	0.750	2.375	4.625								
	2BUHYE	0.625	2	0.750	3.000	5.000								
	2BUJ4G	0.625	2	0.750	3.500	5.500								
	2BUKAI	0.625	2	0.750	4.000	6.000								
	2BULGK	0.625	2	0.750	4.500	6.500								
	2BUMML	0.625	2	0.750	5.000	7.000								
2BUNUN	0.625	2	0.750	5.500	7.500									
2BUQOP	0.625	2	0.750	6.000	8.000									
AC0750	2CSFK9	0.750	2	1.000	2.000	4.000	S1	R3	R6	RC	RH	RM	0	0
	2CSGSB	0.750	2	1.000	2.500	4.500								
	2CSHYE	0.750	2	1.000	3.000	5.000								
	2CSJ4G	0.750	2	1.000	3.500	5.500								
	2CSKAI	0.750	2	1.000	4.000	6.000								
	2CSLGK	0.750	2	1.000	4.500	6.500								
	2CSMML	0.750	2	1.000	5.000	7.000								
	2CSNUN	0.750	2	1.000	5.500	7.500								
2CSQOP	0.750	2	1.000	6.000	8.000									
AC1000	2CSE69	1.000	2	1.000	1.500	4.000	S1	R3	R6	RC	RH	RM	0	0
	2DGFKB	1.000	2	1.250	2.000	4.500								
	2DGGSE	1.000	2	1.250	2.500	5.000								
	2DGHCG	1.000	2	1.250	2.750	5.500								
	2DGJ4I	1.000	2	1.250	3.500	6.000								
	2DGKAK	1.000	2	1.250	4.000	6.500								
	2DGLGL	1.000	2	1.250	4.500	7.000								
	2DGMN	1.000	2	1.250	5.000	7.500								
	2DGNUP	1.000	2	1.250	5.500	8.000								
	2DGQOQ	1.000	2	1.250	6.000	8.500								
	2DGR6R	1.000	2	1.250	6.500	9.000								
	2DGSCS	1.000	2	1.250	7.000	9.500								
2DGTIT	1.000	2	1.250	7.500	10.000									

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