



**Series 333ML**

Solid Carbide Ext. Reach End Mill for Aluminum

- Three Flutes • Tight Tolerance • Minimal TIR
- Square, Corner Rad, & Ball End
- Standard Clearance Neck

# MONOLITH™



**SFR** 333AL Series End Mill Specs:  
 Cutting Diam +.0000/-0.0003  
 Shank Diam +.0000/-0.0003

Diam	LOC	LBS	OAL	Neck	Shank	End Mill Types										UnCoated	TC or A1 Coated
						Square EDP#	.015 rad EDP#	.030 rad EDP#	.060 rad EDP#	.090 rad EDP#	.125 rad EDP#	.190 rad EDP#	.250 rad EDP#	Ball EDP#			
3/8	1/2	2-1/8	4"	.355	3/8	11940	12000	11960	12001	12002				12003	\$69.30	\$76.10	
3/8	1/2	4-1/8	6"	.355	3/8	11941	12004	11961	12005	12006				12007	\$89.90	\$100.60	
1/2	5/8	2-1/4	4"	.475	1/2	11942	12008	11962	12009	12010	12011			12012	\$103.40	\$112.90	
1/2	5/8	4-1/8	6"	.475	1/2	11943	12013	11963	12014	12015	12016			12017	\$136.60	\$150.30	
1/2	5/8	5-1/2	8"	.475	1/2	11944	12018	11964	12019	12020	12021			12022	\$171.60	\$193.20	
5/8	3/4	2-3/8	4"	.593	5/8	11945		11965	12023	12024	12025			12026	\$161.70	\$171.90	
5/8	3/4	4-1/8	6"	.593	5/8	11946		11966	12027	12028	12029			12030	\$212.90	\$229.60	
5/8	3/4	5-1/2	8"	.593	5/8	11947		11967	12031	12032	12033			12034	\$272.90	\$298.20	
3/4	1"	3-1/4	5"	.712	3/4	27688		27692	27696	27700	27704	27708	27712	27716	\$274.00	\$292.00	
3/4	1"	4-1/8	6"	.712	3/4	11948		11968	12035	12036	12037	12038	12039	12040	\$305.00	\$324.30	
3/4	1"	5"	7"	.712	3/4	27689		27693	27697	27701	27705	27709	27713	27717	\$334.10	\$360.20	
3/4	1"	5-1/2	8"	.712	3/4	11949		11969	12041	12042	12043	12044	12045	12046	\$386.00	\$413.80	
3/4	1"	8"	12"	.712	3/4	11950		11970	12047	12048	12049	12050	12051	12052	\$516.10	\$557.80	
1"	1-1/4	3"	5"	.950	1"	27690		27694	27698	27702	27706	27710	27714	27718	\$456.00	\$478.30	
1"	1-1/4	4-1/8	6"	.950	1"	11951		11971	12053	12054	12055	12056	12057	12058	\$474.30	\$497.80	
1"	1-1/4	5"	7"	.950	1"	27691		27695	27699	27703	27707	27711	27715	27719	\$528.10	\$554.60	
1"	1-1/4	5-1/2	8"	.950	1"	11952		11972	12059	12060	12061	12062	12063	12064	\$604.80	\$637.70	
1"	1-1/4	8"	12"	.950	1"	11953		11973	12065	12066	12067	12068	12069	12070	\$836.20	\$877.30	
1-1/4	1-1/2	4-1/8	6"	1.20	1-1/4	11954		11974		12071	12072	12073	12074	12075	\$632.50	\$668.60	
1-1/4	1-1/2	5-1/2	8"	1.20	1-1/4	11955		11975		12076	12077	12078	12079	12080	\$786.10	\$838.10	
1-1/4	1-1/2	8"	12"	1.20	1-1/4	11956		11976		12081	12082	12083	12084	12085	\$1099.70	\$1162.80	
1-1/2	2"	-	6"	-	1-1/4	11957		11977						12086	\$810.00	\$865.80	
1-1/2	2"	-	8"	-	1-1/4	11958		11978						12087	\$1052.00	\$1118.80	
1-1/2	2"	-	12"	-	1-1/4	11959		11979						12088	\$1442.50	\$1535.10	

Aluminum

Copper

Cast Aluminum

Brass

Go to [www.ultra-tool.com](http://www.ultra-tool.com) and select the 333AL Monolith that fits your needs



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 American Designed  
 American Made  
 American Owned