

SMG Series

v1140129

Miniature (Small) End Mills

SMG Series



Miniature End Mills

- Cutter diameter down to .001"
- Center cutting
- Solid carbide

Cutter Dia.	LOC		Shank Dia.	OAL		Uncoat	
D1	L2	"	D2	L1	2 Flute	3 Flute	4 Flute
.004 (.1)	0.012	(3x)	1/8	1.5	SMG72004		
.004 (.1)	0.006	(1.5x)	1/8	1.5	SMG13904		
.008 (.2)	0.024	(3x)	1/8	1.5	SMG72008	SMG836308	SMG73008
.008 (.2)	0.012	(1.5x)	1/8	1.5	SMG13908		SMG14008
.010	0.03	(3x)	1/8	1.5	SMG2-010-3X		
.012 (.3)	0.036	(3x)	1/8	1.5	SMG72012	SMG836312	SMG73012
.012 (.3)	0.018	(1.5x)	1/8	1.5	SMG13912	SMG823012	SMG14012
.015 (1/64)	0.045	(3x)	1/8	1.5	SMG72015	SMG836315	SMG73015
.015 (1/64)	0.03	(2x)	1/8	1.5	SMG2-015-2X		
.015 (1/64)	0.022	(1.5x)	1/8	1.5	SMG13915	SMG823015	SMG14015
.015 (1/64)	0.012	(0.8x)	1/8	1.5			SMG771315
.016 (.4)	0.048	(3x)	1/8	1.5	SMG72016	SMG836316	SMG73016
.016 (.4)	0.024	(1.5x)	1/8	1.5	SMG13916	SMG823016	SMG14016
.020 (.5)	0.06	(3x)	1/8	1.5	SMG72020	SMG836320	SMG73020
.020 (.5)	0.03	(1.5x)	1/8	1.5	SMG13920	SMG823020	SMG14020
.020 (.5)	0.016	(0.8x)	1/8	1.5	SMG733420		SMG771320
.024 (.6)	0.072	(3x)	1/8	1.5	SMG72024	SMG836324	SMG73024
.024 (.6)	0.036	(1.5x)	1/8	1.5	SMG13924		SMG14024
.028 (.7)	0.084	(3x)	1/8	1.5	SMG72028	SMG836328	SMG73028
.028 (.7)	0.042	(1.5x)	1/8	1.5	SMG13928		SMG14028
.031 (1/32)	0.2	(6.5x)	1/8	3.0			SMG4-031-6.5X
.031 (1/32)	0.093	(3x)	1/8	1.5	SMG72031	SMG836331	SMG73031
.031 (1/32)	0.046	(1.5x)	1/8	1.5	SMG13931	SMG823031	SMG14031
.031 (1/32)	0.025	(0.8x)	1/8	1.5	SMG733431	SMG736531	SMG771331
.035 (.9)	0.105	(3x)	1/8	1.5	SMG72035	SMG836335	SMG73035
.035 (.9)	0.052	(1.5x)	1/8	1.5	SMG13935	SMG823035	SMG14035
.039 (1)	0.117	(3x)	1/8	1.5	SMG72039	SMG836339	SMG73039
.039 (1)	0.058	(1.5x)	1/8	1.5	SMG13939	SMG823039	SMG14039
.043 (1.1)	0.129	(3x)	1/8	1.5	SMG72043	SMG836343	SMG73043
.043 (1.1)	0.065	(1.5x)	1/8	1.5	SMG13943		SMG14043
.047 (3/64)	0.141	(3x)	1/8	1.5	SMG72047	SMG836347	SMG73047
.047 (3/64)	0.07	(1.5x)	1/8	1.5	SMG13947	SMG823047	SMG14047
.047 (3/64)	0.038	(0.8x)	1/8	1.5			SMG771347
.051 (1.3)	0.153	(3x)	1/8	1.5	SMG72051		SMG73051
.051 (1.3)	0.077	(1.5x)	1/8	1.5			SMG14051
.055 (1.4)	0.165	(3x)	1/8	1.5	SMG72055	SMG836355	SMG73055
.055 (1.4)	0.082	(1.5x)	1/8	1.5	SMG13955	SMG823055	SMG14055
.055 (1.4)	0.044	(0.8x)	1/8	1.5			SMG771355
.059 (1.5)	0.177	(3x)	1/8	1.5	SMG72059	SMG836359	SMG73059

.059 (1.5)	0.089	(1.5x)	1/8	1.5	SMG13959	SMG823059	SMG14059
.062 (1/16)	0.75	(12x)	1/8	3.0			SMG-062-12X
.062 (1/16)	0.186	(3x)	1/8	1.5	SMG72062	SMG836362	SMG73062
.062 (1/16)	0.093	(1.5x)	1/8	1.5	SMG13962	SMG823062	SMG14062
.062 (1/16)	0.05	(0.8x)	1/8	1.5	SMG733462	SMG736562	SMG771362
.063 (1.6)	0.189	(3x)	1/8	1.5			SMG73063
.063 (1.6)	0.095	(1.5x)	1/8	1.5			SMG14063
.067 (1.7)	0.201	(3x)	1/8	1.5			SMG73067
.071 (1.8)	0.213	(3x)	1/8	1.5	SMG72071		SMG73071
.071 (1.8)	0.107	(1.5x)	1/8	1.5			SMG14071
.075 (1.9)	0.225	(3x)	1/8	1.5	SMG72075	SMG836375	SMG73075
.075 (1.9)	0.112	(1.5x)	1/8	1.5	SMG13975	SMG823075	SMG14075
.078 (5/64)	0.234	(3x)	1/8	1.5	SMG72078	SMG836378	SMG73078
.078 (5/64)	0.117	(1.5x)	1/8	1.5	SMG13978	SMG823078	SMG14078
.078 (5/64)	0.062	(0.8x)	1/8	1.5			SMG771378
.083 (2.1)	0.249	(3x)	1/8	1.5			SMG73083
.087 (2.2)	0.261	(3x)	1/8	1.5			SMG73087
.091 (2.3)	0.273	(3x)	1/8	1.5			SMG73091
.093 (3/32)	0.279	(3x)	1/8	1.5	SMG72093	SMG836393	SMG73093
.093 (3/32)	0.139	(1.5x)	1/8	1.5	SMG13993	SMG823093	SMG14093
.093 (3/32)	0.074	(0.8x)	1/8	1.5	SMG733493	SMG736593	SMG771393
.094 (2.4)	0.282	(3x)	1/8	1.5	SMG72094		SMG73094
.094 (2.4)	0.141	(1.5x)	1/8	1.5			SMG14094
.098 (2.5)	0.294	(3x)	1/8	1.5	SMG72098		SMG73098
.098 (2.5)	0.147	(1.5x)	1/8	1.5			SMG14098
.102 (2.6)	0.306	(3x)	1/8	1.5			SMG73102
.106 (2.7)	0.318	(3x)	1/8	1.5			SMG73106
.109 (7/64)	0.327	(3x)	1/8	1.5	SMG72109	SMG836402	SMG73109
.109 (7/64)	0.164	(1.5x)	1/8	1.5	SMG50201	SMG823102	SMG50301
.111 (2.8)	0.333	(3x)	1/8	1.5			SMG73111
.114 (2.9)	0.341	(3x)	1/8	1.5			SMG73114
.118 (3)	0.354	(3x)	1/8	1.5	SMG72118	SMG836405	SMG73118
.118 (3)	0.177	(1.5x)	1/8	1.5	SMG50204	SMG823105	SMG50304
0.001	0.003	(3x)	1/8	1.5	SMG72001		
0.001	0.001	(1.5x)	1/8	1.5	SMG13901		
0.002	0.006	(3x)	1/8	1.5	SMG72002		
0.002	0.003	(1.5x)	1/8	1.5	SMG13902		
0.003	0.009	(3x)	1/8	1.5	SMG72003		
0.003	0.004	(1.5x)	1/8	1.5	SMG13903		
0.005	0.015	(3x)	1/8	1.5	SMG72005	SMG836305	SMG73005
0.005	0.007	(1.5x)	1/8	1.5	SMG13905	SMG823005	SMG14005
0.006	0.018	(3x)	1/8	1.5	SMG72006	SMG836306	SMG73006
0.006	0.009	(1.5x)	1/8	1.5	SMG13906		SMG14006
0.007	0.021	(3x)	1/8	1.5	SMG72007	SMG836307	SMG73007
0.007	0.01	(1.5x)	1/8	1.5	SMG13907		SMG14007
0.009	0.027	(3x)	1/8	1.5	SMG72009	SMG836309	SMG73009
0.009	0.013	(1.5x)	1/8	1.5	SMG13909		SMG14009
0.01	0.03	(3x)	1/8	1.5	SMG72010	SMG836310	SMG73010

0.01	0.015	(1.5x)	1/8	1.5	SMG13910	SMG823010	SMG14010
0.011	0.033	(3x)	1/8	1.5	SMG72011	SMG836311	SMG73011
0.011	0.016	(1.5x)	1/8	1.5	SMG13911		SMG14011
0.013	0.039	(3x)	1/8	1.5	SMG72013	SMG836313	SMG73013
0.013	0.019	(1.5x)	1/8	1.5	SMG13913		SMG14013
0.014	0.042	(3x)	1/8	1.5	SMG72014	SMG836314	SMG73014
0.014	0.021	(1.5x)	1/8	1.5	SMG13914		SMG14014
0.017	0.051	(3x)	1/8	1.5	SMG72017	SMG836317	SMG73017
0.017	0.026	(1.5x)	1/8	1.5	SMG13917		SMG14017
0.018	0.054	(3x)	1/8	1.5	SMG72018	SMG836318	SMG73018
0.018	0.027	(1.5x)	1/8	1.5	SMG13918		SMG14018
0.019	0.057	(3x)	1/8	1.5	SMG72019	SMG836319	SMG73019
0.019	0.029	(1.5x)	1/8	1.5	SMG13919		SMG14019
0.021	0.063	(3x)	1/8	1.5	SMG72021	SMG836321	SMG73021
0.021	0.031	(1.5x)	1/8	1.5	SMG13921		SMG14021
0.022	0.066	(3x)	1/8	1.5	SMG72022	SMG836322	SMG73022
0.022	0.033	(1.5x)	1/8	1.5	SMG13922		SMG14022
0.023	0.069	(3x)	1/8	1.5	SMG72023	SMG836323	SMG73023
0.023	0.035	(1.5x)	1/8	1.5	SMG13923	SMG823023	SMG14023
0.025	0.075	(3x)	1/8	1.5	SMG72025	SMG836325	SMG73025
0.025	0.037	(1.5x)	1/8	1.5	SMG13925	SMG823025	SMG14025
0.026	0.078	(3x)	1/8	1.5	SMG72026	SMG836326	SMG73026
0.026	0.039	(1.5x)	1/8	1.5	SMG13926		SMG14026
0.027	0.081	(3x)	1/8	1.5	SMG72027	SMG836327	SMG73027
0.027	0.041	(1.5x)	1/8	1.5	SMG13927		SMG14027
0.029	0.087	(3x)	1/8	1.5	SMG72029	SMG836329	SMG73029
0.029	0.043	(1.5x)	1/8	1.5	SMG13929		SMG14029
0.03	0.09	(3x)	1/8	1.5	SMG72030	SMG836330	SMG73030
0.03	0.045	(1.5x)	1/8	1.5	SMG13930	SMG823030	SMG14030
0.045	0.067	(1.5x)	1/8	1.5	SMG13945	SMG823045	SMG14045
0.046	0.138	(3x)	1/8	1.5	SMG72046	SMG836346	SMG73046
0.046	0.069	(1.5x)	1/8	1.5			SMG14046
0.048	0.144	(3x)	1/8	1.5	SMG72048		SMG73048
0.049	0.147	(3x)	1/8	1.5	SMG72049		SMG73049
0.05	0.15	(3x)	1/8	1.5	SMG72050	SMG836350	SMG73050
0.05	0.075	(1.5x)	1/8	1.5	SMG13950	SMG823050	SMG14050
0.05	0.04	(0.8x)	1/8	1.5			SMG771350
0.052	0.156	(3x)	1/8	1.5	SMG72052	SMG836352	SMG73052
0.052	0.078	(1.5x)	1/8	1.5	SMG13952		SMG14052
0.053	0.159	(3x)	1/8	1.5	SMG72053	SMG836353	SMG73053
0.053	0.08	(1.5x)	1/8	1.5			SMG14053
0.054	0.162	(3x)	1/8	1.5	SMG72054		SMG73054
0.056	0.168	(3x)	1/8	1.5	SMG72056		SMG73056
0.057	0.171	(3x)	1/8	1.5	SMG72057	SMG836357	SMG73057
0.057	0.086	(1.5x)	1/8	1.5			SMG14057
0.058	0.174	(3x)	1/8	1.5	SMG72058		SMG73058
0.058	0.087	(1.5x)	1/8	1.5			SMG14058
0.06	0.18	(3x)	1/8	1.5	SMG72060	SMG836360	SMG73060

0.06	0.09	(1.5x)	1/8	1.5	SMG13960	SMG823060	SMG14060
0.06	0.048	(0.8x)	1/8	1.5			SMG771360
0.061	0.183	(3x)	1/8	1.5			SMG73061
0.064	0.192	(3x)	1/8	1.5	SMG72064		SMG73064
0.064	0.096	(1.5x)	1/8	1.5			SMG14064
0.065	0.195	(3x)	1/8	1.5	SMG72065	SMG836365	SMG73065
0.065	0.097	(1.5x)	1/8	1.5	SMG13965	SMG823065	SMG14065
0.066	0.198	(3x)	1/8	1.5			SMG73066
0.068	0.204	(3x)	1/8	1.5			SMG73068
0.069	0.207	(3x)	1/8	1.5			SMG73069
0.07	0.21	(3x)	1/8	1.5	SMG72070	SMG836370	SMG73070
0.07	0.105	(1.5x)	1/8	1.5	SMG13970	SMG823070	SMG14070
0.072	0.216	(3x)	1/8	1.5	SMG72072		SMG73072
0.073	0.219	(3x)	1/8	1.5			SMG73073
0.074	0.222	(3x)	1/8	1.5			SMG73074
0.076	0.228	(3x)	1/8	1.5			SMG73076
0.077	0.231	(3x)	1/8	1.5			SMG73077
0.079	0.237	(3x)	1/8	1.5			SMG73079
0.08	0.24	(3x)	1/8	1.5	SMG72080	SMG836380	SMG73080
0.08	0.12	(1.5x)	1/8	1.5	SMG13980	SMG823080	SMG14080
0.081	0.243	(3x)	1/8	1.5			SMG73081
0.082	0.246	(3x)	1/8	1.5			SMG73082
0.084	0.252	(3x)	1/8	1.5			SMG73084
0.085	0.255	(3x)	1/8	1.5	SMG72085	SMG836385	SMG73085
0.085	0.127	(1.5x)	1/8	1.5	SMG13985	SMG823085	SMG14085
0.086	0.258	(3x)	1/8	1.5			SMG73086
0.088	0.264	(3x)	1/8	1.5			SMG73088
0.088	0.132	(1.5x)	1/8	1.5			SMG14088
0.089	0.267	(3x)	1/8	1.5			SMG73089
0.09	0.27	(3x)	1/8	1.5	SMG72090	SMG836390	SMG73090
0.09	0.135	(1.5x)	1/8	1.5	SMG13990	SMG823090	SMG14090
0.092	0.276	(3x)	1/8	1.5			SMG73092
0.095	0.285	(3x)	1/8	1.5	SMG72095	SMG836395	SMG73095
0.095	0.142	(1.5x)	1/8	1.5	SMG13995	SMG823095	SMG14095
0.096	0.288	(3x)	1/8	1.5			SMG73096
0.097	0.291	(3x)	1/8	1.5			SMG73097
0.099	0.297	(3x)	1/8	1.5			SMG73099
0.1	0.3	(3x)	1/8	1.5	SMG72100	SMG836400	SMG73100
0.1	0.15	(1.5x)	1/8	1.5	SMG13999	SMG823100	SMG14099
0.101	0.303	(3x)	1/8	1.5			SMG73101
0.103	0.309	(3x)	1/8	1.5			SMG73103
0.103	0.155	(1.5x)	1/8	1.5			SMG14103
0.104	0.312	(3x)	1/8	1.5			SMG73104
0.105	0.315	(3x)	1/8	1.5	SMG72105		SMG73105
0.105	0.158	(1.5x)	1/8	1.5	SMG50200		SMG50300
0.107	0.321	(3x)	1/8	1.5			SMG73107
0.108	0.324	(3x)	1/8	1.5			SMG73108
0.11	0.33	(3x)	1/8	1.5	SMG72110		SMG73110

0.11	0.165	(1.5x)	1/8	1.5	SMG50202		SMG50302
0.112	0.336	(3x)	1/8	1.5			SMG73112
0.113	0.339	(3x)	1/8	1.5			SMG73113
0.115	0.345	(3x)	1/8	1.5	SMG72115		SMG73115
0.115	0.173	(1.5x)	1/8	1.5	SMG50203		SMG50303
0.116	0.348	(3x)	1/8	1.5			SMG73116
0.117	0.351	(3x)	1/8	1.5			SMG73117
0.119	0.357	(3x)	1/8	1.5			SMG73119
0.12	0.36	(3x)	1/8	1.5	SMG72120	SMG836406	SMG73120
0.12	0.18	(1.5x)	1/8	1.5	SMG50205		SMG50305
0.121	0.363	(3x)	1/8	1.5			SMG73121
0.122	0.366	(3x)	1/8	1.5			SMG73189
0.123	0.369	(3x)	1/8	1.5			SMG73123
0.124	0.372	(3x)	1/8	1.5			SMG73124

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