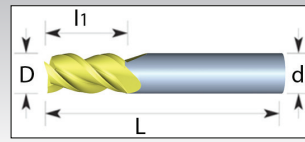


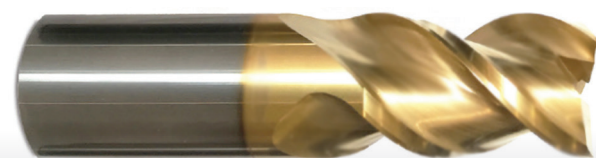
P	Steel
M	Stainless Steel
K	Cast Iron
N	Non-Ferrous
S	High Temp. Alloys
H	Hardened Steel

- Square & Corner Radius End
- 2 & 3 Flute TiALN Coated
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- Extreme Production
- Unique Polishing Process
- Unique Honing Process
- Plunging, Pocketing
- Slotting, Ramping, Profiling
- Ultra Premium Micrograin Carbide



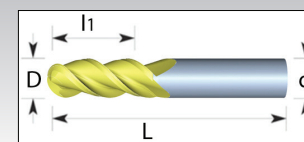
### Square & Corner Radius End - Fractional

Cutter D	Shank d	LOC l1	Overall L	End Face	Uncoated		ZrN		DLC	
					2 Flute	3 Flute	2 Flute	3 Flute	2 Flute	3 Flute
1/8	1/8	1/2	1-1/2	SQ	661118	661119	--	--	--	--
3/16	3/16	5/8	2	SQ	661120	661122	661004	661006	661234	661236
		3/4	2-1/2	SQ	661152	661153	661036	661037	661266	661267
		1-1/8	3	SQ	661200	661201	661084	661085	661314	661315
1/4	1/4	3/4	2-1/2	SQ	661123	661125	661007	661009	661237	661239
		3/4	2-1/2	.020CR	661124	661126	661008	661010	661238	661240
		1-1/8	3	SQ	661154	661155	661038	661039	661268	661269
		1-1/2	4	SQ	661202	661203	661086	661087	661316	661317
5/16	5/16	13/16	2-1/2	SQ	661128	661130	661012	661014	661242	661244
		13/16	2-1/2	.020CR	661129	661132	661013	661016	661243	661246
		1-1/8	3	SQ	661156	661157	661040	661041	661270	661271
		1-5/8	4	SQ	661204	661205	661088	661089	661318	661319
3/8	3/8	1	2-1/2	SQ	661134	661136	661018	661020	661248	661250
		1	2-1/2	.020CR	661135	661137	661019	661021	661249	661251
		1-1/8	3	SQ	661158	661159	661042	661043	661272	661273
		1-3/4	4	SQ	661206	661207	661090	661091	661320	661321
1/2	1/2	1-1/4	3	SQ	661138	661140	661022	661024	661252	661254
		1-1/4	3	.030CR	661139	661141	661023	661025	661253	661255
		2	4	SQ	661160	661161	661044	661045	661274	661275
		3	6	SQ	661208	661209	661092	661093	661322	661323
5/8	5/8	1-1/4	3-1/2	SQ	661142	661144	661026	661028	661256	661258
		1-1/4	3-1/2	.030CR	661143	661145	661027	661029	661257	661259
		2-1/4	5	SQ	661162	661163	661046	661047	661276	661277
		3	6	SQ	661210	661211	661094	661095	661324	661325
3/4	3/4	1-1/2	4	SQ	661146	661148	661030	661032	661260	661262
		1-1/2	4	.030CR	661147	661149	661031	661033	661261	661263
		2-1/4	5	SQ	661164	661165	661048	661049	661278	661279
		3	6	SQ	661212	661213	661096	661097	661326	661327
1	1	1-1/2	4	SQ	661114	661116	661000	661002	661230	661232
		1-1/2	4	.030CR	661115	661117	661001	661003	661231	661233
		2-1/4	5	SQ	661150	661151	661034	661035	661264	661265
		3	6	SQ	661198	661199	661082	661083	661312	661313



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### Ball Nose - Fractional

Cutter D	Shank d	LOC l1	Overall L	End Face	Uncoated		ZrN		DLC	
					2 Flute	3 Flute	2 Flute	3 Flute	2 Flute	3 Flute
3/16	3/16	5/8	2	BN	661168	661169	661052	661053	661282	661283
		3/4	2-1/2	BN	661184	661185	661068	661069	661298	661299
1/4	1/4	1-1/8	3	BN	661216	661217	661100	661101	661330	661331
		3/4	2-1/2	BN	661170	661171	661054	661055	661284	661285
		1-1/8	3	BN	661186	661187	661070	661071	661300	661301
5/16	5/16	1-1/2	4	BN	661218	661219	661102	661103	661332	661333
		13/16	2-1/2	BN	661172	661173	661056	661057	661286	661287
		1-1/8	3	BN	661188	661189	661072	661073	661302	661303
		1-5/8	4	BN	661220	661221	661104	661105	661334	661335
3/8	3/8	1	2-1/2	BN	661174	661175	661058	661059	661288	661289
		1-1/8	3	BN	661190	661191	661074	661075	661304	661305
		1-3/4	4	BN	661222	661223	661106	661107	661336	661337
		1-1/4	3	BN	661176	661177	661060	661061	661290	661291
1/2	1/2	2	4	BN	661192	661193	661076	661077	661306	661307
		3	6	BN	661224	661225	661108	661109	661338	661339
		1-1/4	3-1/2	BN	661178	661179	661062	661063	661292	661293
5/8	5/8	2-1/4	5	BN	661194	661195	661078	661079	661308	661309
		3	6	BN	661226	661227	661110	661111	661340	661341
		1-1/2	4	BN	661180	661181	661064	661065	661294	661295
		2-1/4	5	BN	661196	661197	661080	661081	661310	661311
3/4	3/4	3	6	BN	661228	661229	661112	661113	661342	661343
		1-1/2	4	BN	661166	661167	661050	661051	661280	661281
		2-1/4	5	BN	661182	661183	661066	661067	661296	661297
1	1	3	6	BN	661214	661215	661098	661099	661328	661329

Coming Soon...  
AlumiMax  
Aluminum Rougher Series!

