

HIGH-PERFORMANCE MILLING

Application: Ideal for heavy material removal in Aluminum
ISO Material Grades : **N**

1. 3 Flute Variable Pitch

Chatter free machining at higher speed and feeds.

2. 45° Helix

3. Large Gullet

Improves chip evacuation.

4. Corner Radius Available

.015 through .125

5. Exxtral® Carbon Coating

Ideal for aluminum and non-ferrous materials.

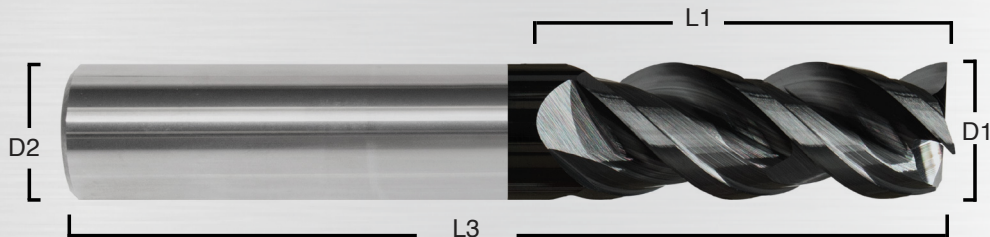
3-4 times more tool life compared to PVD coating.



Fractional

D1 Diameter	D2 Shank	L1 LOC	L3 OAL	SQUARE	.015 RAD	.030 RAD	.060 RAD	.090 RAD	.125 RAD	BALL
1/4	1/4	1/2	2	9525188	9501569	9504108	9507485			9525187
1/4	1/4	3/4	2-1/2	9525195	9501572	9504111	9507488			9525194
5/16	5/16	1/2	2	9525199	9581455	9581717	9584758			9525198
5/16	5/16	3/4	2-1/2	9525201	9501573	9504112	9507489			9525200
3/8	3/8	1/2	2	9525203	9501574	9504113	9585964	9586042	9586086	9586168
3/8	3/8	1	2-1/2	9525221	9501579	9504117	9507492	9509468	9512293	9525220
1/2	1/2	5/8	2-1/2	9525228	9581457	9581718	9584759	9509469	9585224	9525227
1/2	1/2	1-1/4	3	9525251	9501586	9504125	9507499	9509473	9512302	9525250
5/8	5/8	3/4	3	9525257	9581460	9581719	9584760	9585020	9585226	9525256
5/8	5/8	1-5/8	3-1/2	9525276	9585959	9585961	9585965	9586044	9586087	9586169
3/4	3/4	1	3	9525279	9501589	9581723	9584763	9585024	9512308	9525278
3/4	3/4	1-5/8	4	9525299	9501596	9504136	9507506	9509475	9512315	9525298
7/8	7/8	1-1/2	4	9525305	9501598	9581725	9584765	9585028	9585228	9525304
1	1	1-1/2	4	9525311	9501599	9581726	9507508	9585029	9512316	9525310

"Other Dimensions Are Available Upon Request"



Extended Neck

D1 Diameter	D2 Shank	L1 LOC	L2 LBS	L3 OAL	SQUARE	.015 RAD	.030 RAD	.060 RAD	.090 RAD	.125 RAD	BALL
1/4	1/4	1/2	1-1/4	3	9525190	9501570	9504109	9507486			9525189
1/4	1/4	1/2	2-1/8	4	9525193	9501571	9504110	9507487			9525192
3/8	3/8	3/4	1-1/4	3	9525214	9501578	9504115	9507490	9509467	9512291	9525213
3/8	3/8	3/4	2-1/8	4	9525216	9581456	9504116	9507491	9585018	9512292	9525215
1/2	1/2	7/8	1-3/8	3	9525238	9501583	9504120	9507494	9585019	9512295	9525237
1/2	1/2	7/8	2-1/8	4	9525240	9501584	9504121	9507495	9509470	9512297	9525239
1/2	1/2	7/8	3-1/8	5	9525241	9581458	9504122	9507496	9586043	9512298	9583819
1/2	1/2	7/8	4-1/8	6	9525244	9581459	9504123	9507497	9509471	9585225	9525243
5/8	5/8	1	2	4	9525266	9581461	9581720	9507500	9585021	9512305	9585431
5/8	5/8	1	3	5	9525269	9581462	9581721	9584761	9585022	9512306	9525268
5/8	5/8	1	4	6	9525271	9581463	9581722	9584762	9585023	9585227	9525270
3/4	3/4	1-1/4	2	4	9525290	9501591	9581724	9584764	9585025	9512311	9525289
3/4	3/4	1-1/4	3	5	9525292	9501592	9504133	9507503	9585026	9512312	9525291
3/4	3/4	1-1/4	4	6	9525294	9581465	9504134	9507504	9585027	9512313	9525293
1	1	1-1/2	3	5	9525313	9501600	9581727	9507509	9585030	9512317	9585432
1	1	1-1/2	4	6	9525315	9581466	9581728	9584766	9585031	9585229	9525314
1	1	1-1/2	5	7	9525317	9581467	9581729	9507510	9585032	9512318	9525316

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