

4-Flute Ball



Uncoated



AlTiN Coated



TiCN Coated

4-Flute, Ball End, 30° Helix

Cutter ø	Decimal Equiv	Flute Length	OAL	Shank ø	Uncoated Part #	AlTiN Coated Part #	TiCN Coated Part #
19/64	.2969	13/16	2-1/2	5/16	RE11519	RE11719	RE11919
5/16	.3125	1/2	2	5/16	RE10520	RE10720	—
5/16	.3125	13/16	2-1/2	5/16	RE11520	RE11720	RE11920
5/16	.3125	1-1/8	3	5/16	RE13320	RE13720	RE14120
5/16	.3125	1-5/8	4	5/16	RE13520	RE13920	RE14320
21/64	.3281	1	2-1/2	3/8	RE11521	RE11721	RE11921
11/32	.3438	1	2-1/2	3/8	RE11522	RE11722	RE11922
23/64	.3594	1	2-1/2	3/8	RE11523	RE11723	RE11923
3/8	.3750	5/8	2	3/8	RE10524	RE10724	—
3/8	.3750	1	4	3/8	RE13325	RE13725	RE14125
3/8	.3750	1	2-1/2	3/8	RE11524	RE11724	RE11924
3/8	.3750	1-1/8	3	3/8	RE13324	RE13724	RE14124
3/8	.3750	1-1/2	6	3/8	RE13525	RE13925	RE14325
3/8	.3750	1-3/4	4	3/8	RE13524	RE13924	RE14324
25/64	.3906	1	2-3/4	7/16	RE11525	RE11725	RE11925
13/32	.4063	1	2-3/4	7/16	RE11526	RE11726	RE11926
27/64	.4219	1	2-3/4	7/16	RE11527	RE11727	RE11927
7/16	.4375	5/8	2-1/2	7/16	RE10528	RE10728	—
7/16	.4375	1	2-3/4	7/16	RE11528	RE11728	RE11928
7/16	.4375	2	4	7/16	RE13328	RE13728	RE14128
7/16	.4375	3	6	7/16	RE13528	RE13928	RE14328
29/64	.4531	1	3	1/2	RE11529	RE11729	RE11929
15/32	.4688	1	3	1/2	RE11530	RE11730	RE11930
31/64	.4844	1	3	1/2	RE11531	RE11731	RE11931
1/2	.5000	5/8	2-1/2	1/2	RE10532	RE10732	—
1/2	.5000	1	3	1/2	RE11532	RE11732	RE11932
1/2	.5000	1	4	1/2	RE13332	RE13732	RE14132
1/2	.5000	1-1/2	6	1/2	RE13532	RE13932	RE14332
1/2	.5000	2	4	1/2	RE13333	RE13733	RE14133
1/2	.5000	3	6	1/2	RE13533	RE13933	RE14333
9/16	.5625	1-1/4	3-1/2	9/16	RE11536	RE11736	RE11936
5/8	.6250	3/4	3	5/8	RE10540	RE10740	—
5/8	.6250	1-1/4	3-1/2	5/8	RE11540	RE11740	RE11940
5/8	.6250	2-1/4	5	5/8	RE13340	RE13740	RE14140
5/8	.6250	3	6	5/8	RE13540	RE13940	RE14340
3/4	.7500	1	3	3/4	RE10548	RE10748	—
3/4	.7500	1-1/2	4	3/4	RE11548	RE11748	RE11948



Tolerances	Diameter	Shank	Radius
1/64"-7/64"	+0.000, -0.001	-0.0001, -0.0004	+0.0002, -0.0002
1/8"-1/2"	+0.000, -0.002	-0.0001, -0.0004	+0.001, -0.001
9/16"-1"	+0.000, -0.003	-0.0001, -0.0004	+0.001, -0.001



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