



Woodruff Keyseat Carbide Tipped Milling Cutters

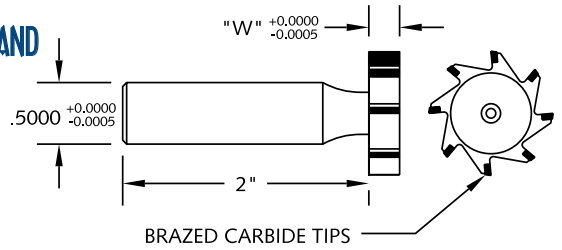
Straight Tooth



Diameter Tolerances:
+ .015 /+.020

► **STYLE 120/CARBIDE TIPPED AND TiN COATED**

- Micrograin Carbide or
- Micrograin Carbide, TiN Coated
- Right Hand Cut
- 1/2" Dia. x 2" Long
- Straight Shank



Carbide GDT No.	Carbide EDP No.	American Standard No.	Old Standard No.	Diameter	Width	No. of Teeth	TiN Coat GDT No.	TiN Coat EDP No.
302040	30001	204	1	1/2"	1/16"	6	302040T	35001
303040	30002	304	2	1/2"	3/32"	6	303040T	35002
304040	30003	404	3	1/2"	1/8"	6	304040T	35003
303050	30004	305	4	5/8"	3/32"	6	303050T	35004
304050	30005	405	5	5/8"	1/8"	6	304050T	35005
305050	30006	505	6	5/8"	5/32"	6	305050T	35006
306050	30007	605	61	5/8"	3/16"	6	306050T	35007
304060	30008	406	7	3/4"	1/8"	6	304060T	35008
305060	30009	506	8	3/4"	5/32"	6	305060T	35009
306060	30010	606	9	3/4"	3/16"	6	306060T	35010
308060	30011	806	91	3/4"	1/4"	6	308060T	35011
305070	30012	507	10	7/8"	5/32"	6	305070T	35012
306070	30013	607	11	7/8"	3/16"	6	306070T	35013
307070	30014	707	12	7/8"	7/32"	6	307070T	35014
308070	30015	807	A	7/8"	1/4"	6	308070T	35015
306080	30016	608	13	1"	3/16"	8	306080T	35016
307080	30017	708	14	1"	7/32"	8	307080T	35017
308080	30018	808	15	1"	1/4"	8	308080T	35018
301008	30019	1008	B	1"	5/16"	8	301008T	35019
301208	30020	1208	152	1"	3/8"	8	301208T	35020
306090	30021	609	16	1 1/8"	3/16"	8	306090T	35021
307090	30022	709	17	1 1/8"	7/32"	8	307090T	35022
308090	30023	809	18	1 1/8"	1/4"	8	308090T	35023
301009	30024	1009	C	1 1/8"	5/16"	8	301009T	35024
306100	30025	610	19	1 1/4"	3/16"	8	306100T	35025
307100	30026	710	20	1 1/4"	7/32"	8	307100T	35026
308100	30027	810	21	1 1/4"	1/4"	8	308100T	35027
301010	30028	1010	D	1 1/4"	5/16"	8	301010T	35028
301210	30029	1210	E	1 1/4"	3/8"	8	301210T	35029
308110	30030	811	22	1 3/8"	1/4"	8	308110T	35030
301011	30031	1011	23	1 3/8"	5/16"	8	301011T	35031
301211	30032	1211	F	1 3/8"	3/8"	8	301211T	35032
308120	30033	812	24	1 1/2"	1/4"	8	308120T	35033
301012	30034	1012	25	1 1/2"	5/16"	8	301012T	35034
301212	30035	1212	G	1 1/2"	3/8"	8	301212T	35035

Standard Width Tolerance -.0005 **NOTE: For neck diameter and overall length, refer to Style 100**

Allow one week delivery for TiN.

Carbide tipped woodruff cutters reduce the overall machining costs whenever production conditions are such that the higher initial costs are justified. These cutters can cut 3 to 4 times faster than high speed steel cutters. Rigidity and proper feeds and speeds are essential to successful use of carbide tipped cutters. Carbide tipped cutters are used to machine materials that are difficult or impossible to cut with high speed steel cutters. These cutters are made with a general purpose grade of micrograin carbide which has proven most satisfactory. **All straight tooth cutters 5/32" wide and wider are provided with chip breakers** for longer tool life and better cutting action.

ALSO AVAILABLE:
special forms,
profiles, left
hand cut, Cobalt
Super High Speed
Steel and
Titanium Nitride
coating.

Prices quoted
on request.

Call to Order:
716 791 6197



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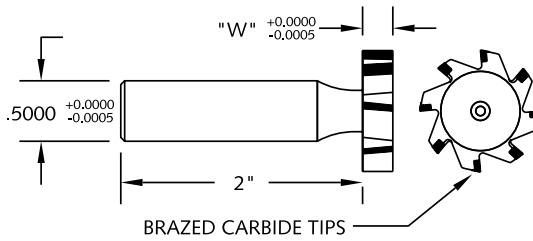


► STYLE 121/CARBIDE TIPPED AND TiN COATED

- Micrograin Carbide
- Right Hand Cut
- 1/2" Dia. x 2" Long Straight Shank
- Alternate Right and Left Hand Axial Rake

Diameter Tolerances:

+ .015 /+.020



Staggered Tooth



CDT No	EDP No.	American Standard No.	Old No.	Diameter	No. of Width	Teeth	TiN CDT No	TiN EDP No.
352040	30036	204	1	1/2"	1/16"	6	352040T	35036
353040	30037	304	2	1/2"	3/32"	6	353040T	35037
354040	30038	404	3	1/2"	1/8"	6	354040T	35038
353050	30039	305	4	5/8"	3/32"	6	353050T	35039
354050	30040	405	5	5/8"	1/8"	6	354050T	35040
355050	30041	505	6	5/8"	5/32"	6	355050T	35041
356050	30042	605	61	5/8"	3/16"	6	356050T	35042
354060	30043	406	7	3/4"	1/8"	6	354060T	35043
355060	30044	506	8	3/4"	5/32"	6	355060T	35044
356060	30045	606	9	3/4"	3/16"	6	356060T	35045
358060	30046	806	91	3/4"	1/4"	6	358060T	35046
355070	30047	507	10	7/8"	5/32"	6	355070T	35047
356070	30048	607	11	7/8"	3/16"	6	356070T	35048
357070	30049	707	12	7/8"	7/32"	6	357070T	35049
358070	30050	807	A	7/8"	1/4"	6	358070T	35050
356080	30051	608	13	1"	3/16"	8	356080T	35051
357080	30052	708	14	1"	7/32"	8	357080T	35052
358080	30053	808	15	1"	1/4"	8	358080T	35053
351008	30054	1008	B	1"	5/16"	8	351008T	35054
351208	30055	1208	152	1"	3/8"	8	351208T	35055
356090	30056	609	16	1 1/8"	3/16"	8	356090T	35056
357090	30057	709	17	1 1/8"	7/32"	8	357090T	35057
358090	30058	809	18	1 1/8"	1/4"	8	358090T	35058
351009	30059	1009	C	1 1/8"	5/16"	8	351009T	35059
356100	30060	610	19	1 1/4"	3/16"	8	356100T	35060
357100	30061	710	20	1 1/4"	7/32"	8	357100T	35061
358100	30062	810	21	1 1/4"	1/4"	8	358100T	35062
351010	30063	1010	D	1 1/4"	5/16"	8	351010T	35063
351210	30064	1210	E	1 1/4"	3/8"	8	351210T	35064
358110	30065	811	22	1 3/8"	1/4"	8	358110T	35065
351011	30066	1011	23	1 3/8"	5/16"	8	351011T	35066
351211	30067	1211	F	1 3/8"	3/8"	8	351211T	35067
358120	30068	812	24	1 1/2"	1/4"	8	358120T	35068
351012	30069	1012	25	1 1/2"	5/16"	8	351012T	35069
351212	30070	1212	G	1 1/2"	3/8"	8	351212T	35070

Standard Width Tolerance -.0005 **NOTE: For neck diameter and overall length, refer to Style 100.**

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