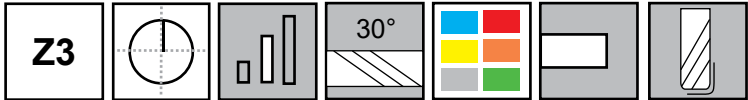
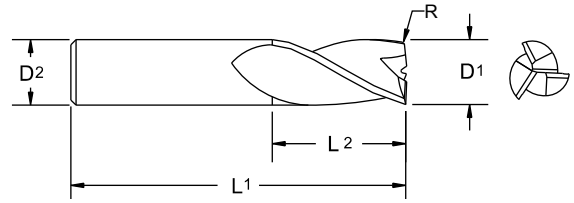




TuffCut® GP Series 116



NEW
Corner Radius Options
Now Available As Standards!



Tool No.	EDP	Diameter			Shank		OAL		Flute Length		Corner Radius
		D1			D2		L1		L2		R
		Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch
11601560	11601	1/64		.0156	1/8		1-1/2		1/32		
11603120	11603	1/32		.0312	1/8		1-1/2		5/64		
11603940	11605		1.0	.0394		3.0		38		3.0	
11604680	11607	3/64		.0468	1/8		1-1/2		7/64		
11605910	11609		1.5	.0591		3.0		38		6.0	
11606250	11611	1/16		.0625	1/8		1-1/2		3/16		
11606250R.005	16197	1/16		.0625	1/8		1-1/2		3/16		.005
11606250R.010	16102	1/16		.0625	1/8		1-1/2		3/16		.010
11606250R.015	16104	1/16		.0625	1/8		1-1/2		3/16		.015
11606250R.020	16106	1/16		.0625	1/8		1-1/2		3/16		.020
11607810	11613	5/64		.0781	1/8		1-1/2		3/16		
11607810R.005	16198	5/64		.0781	1/8		1-1/2		3/16		.005
11607810R.010	16108	5/64		.0781	1/8		1-1/2		3/16		.010
11607810R.015	16110	5/64		.0781	1/8		1-1/2		3/16		.015
11607810R.020	16112	5/64		.0781	1/8		1-1/2		3/16		.020
11607870	11615		2.0	.0787		3.0		38		9.0	
11609370	11617	3/32		.0937	1/8		1-1/2		9/32		
11609370R.005	16199	3/32		.0937	1/8		1-1/2		9/32		.005
11609370R.010	16114	3/32		.0937	1/8		1-1/2		9/32		.010
11609370R.015	16116	3/32		.0937	1/8		1-1/2		9/32		.015
11609370R.020	16118	3/32		.0937	1/8		1-1/2		9/32		.020
11609840	11619		2.5	.0984		3.0		38		12.0	
11610930	11623	7/64		.1093	1/8		1-1/2		3/8		
11611810	11625		3.0	.1181		3.0		38		12.0	
11612500	11627	1/8		.1250	1/8		1-1/2		3/8		
11612500R.005	16202	1/8		.1250	1/8		1-1/2		3/8		.005
11612500R.010	16120	1/8		.1250	1/8		1-1/2		3/8		.010
11612500R.015	16122	1/8		.1250	1/8		1-1/2		3/8		.015
11612500R.020	16124	1/8		.1250	1/8		1-1/2		3/8		.020
11612501	11630	1/8		.1250	1/8		1-1/2		1/2		
11613780	11633		3.5	.1378		4.0		51		12.0	
11614060	11634	9/64		.1406	3/16		2		1/2		
11615620	11635	5/32		.1562	3/16		2		1/2		
11615750	11637		4.0	.1575		4.0		51		14.0	
11617190	11638	11/64		.1719	3/16		2		5/8		

Inch	
D1	Tolerance
1/64	+ .000/- .001
1/32 - 1/4	+ .000/- .002
>1/4 - 1-1/4	+ .000/- .003

Metric (mm)	
D1	Tolerance h10
1.00 - 3.00	+ .000/- .040
>3.00 - 6.00	+ .000/- .048
>6.00 - 10.00	+ .000/- .058
>10.00 - 18.00	+ .000/- .070
>18.00 - 30.00	+ .000/- .084
32.00	+ .000/- .100

Series 116 Continued



Tool No.	EDP	Diameter			Shank		OAL		Flute Length		Corner Radius
		D1			D2		L1		L2		R
		Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch
11617720	11639		4.5	.1772		5.0		51		14.0	
11618750	11641	3/16		.1875	3/16		2		5/8		
11619680	11643		5.0	.1968		5.0		51		20.0	
11620310	11644	13/64		.2031	1/4		2-1/2		5/8		
11621650	11645		5.5	.2165		6.0		64		20.0	
11621870	11647	7/32		.2187	1/4		2-1/2		5/8		
11623440	11648	15/64		.2344	1/4		2-1/2		3/4		
11623620	11649		6.0	.2362		6.0		64		20.0	
11625000	11651	1/4		.2500	1/4		2-1/2		3/4		
11627560	11653		7.0	.2756		8.0		64		20.0	
11628120	11655	9/32		.2812	5/16		2-1/2		3/4		
11631250	11657	5/16		.3125	5/16		2-1/2		13/16		
11631500	11659		8.0	.3150		8.0		64		20.0	
11635430	11661		9.0	.3543		9.0		64		20.0	
11637500	11663	3/8		.3750	3/8		2-1/2		1		
11639370	11665		10.0	.3937		10.0		70		25.0	
11643310	11667		11.0	.4331		11.0		70		25.0	
11643750	11669	7/16		.4375	7/16		2-3/4		1		
11647240	11671		12.0	.4724		12.0		76		25.0	
11650000	11673	1/2		.5000	1/2		3		1		
11655120	11675		14.0	.5512		14.0		89		30.0	
11656250	11677	9/16		.5625	9/16		3-1/2		1-1/8		
11662500	11679	5/8		.6250	5/8		3-1/2		1-1/4		
11662990	11681		16.0	.6299		16.0		89		30.0	
11670870	11683		18.0	.7087		18.0		102		35.0	
11675000	11685	3/4		.7500	3/4		4		1-1/2		
11678740	11687		20.0	.7874		20.0		102		38.0	
11686620	11689		22.0	.8662		22.0		102		40.0	
11687500	11691	7/8		.8750	7/8		4		1-1/2		
11698430	11693		25.0	.9843		25.0		102		40.0	
11610000	11621	1		1.0000	1		4		1-1/2		
11612510	11629	1-1/4		1.2500	1-1/4		4-3/8		1-9/16		
11612600	11631		32.0	1.2600		32.0		111		40.0	



Made in USA

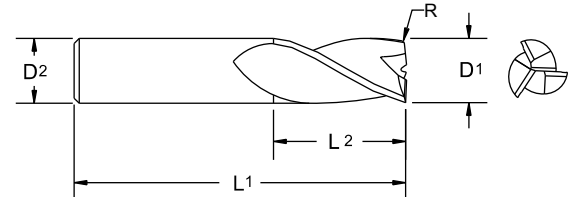
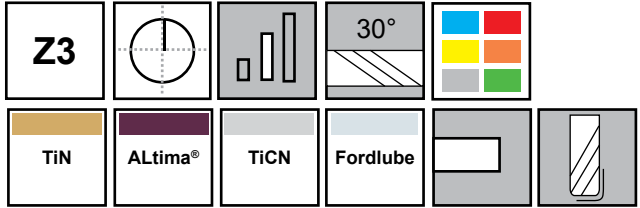
ISO 9001:2008 Certified





NEW Sizes

TuffCut® GP Series 116 Coated

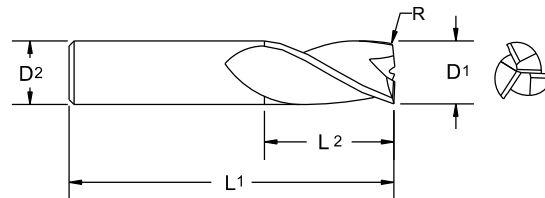
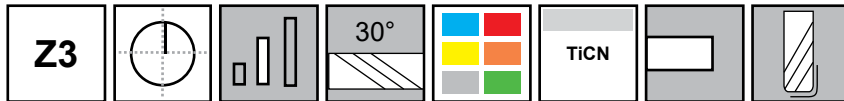


TiN		ALtima®		TiCN		Fordlube		Diameter			Shank	OAL	Flute Length	Corner Radius
Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	Inch	mm	Decimal				
		11603940A	11606						1.0	.0394	3.0	38	3.0	
		NEW 11606250R.005A	16204			NEW 11606250R.005F	16210	1/16		.0625	1/8	1-1/2	3/16	.005
		11606250R.010A	16150			11606250R.010F	16212	1/16		.0625	1/8	1-1/2	3/16	.010
		11606250R.015A	16128			11606250R.015F	16214	1/16		.0625	1/8	1-1/2	3/16	.015
		11606250R.020A	16130			11606250R.020F	16216	1/16		.0625	1/8	1-1/2	3/16	.020
		11605910A	11610						1.5	.0591	3.0	38	6.0	
		NEW 11607810R.005A	16206			NEW 11607810R.005F	16218	5/64		.0781	1/8	1-1/2	3/16	.005
		11607810R.010A	16132			11607810R.010F	16220	5/64		.0781	1/8	1-1/2	3/16	.010
		11607810R.015A	16134			11607810R.015F	16222	5/64		.0781	1/8	1-1/2	3/16	.015
		11607810R.020A	16136			11607810R.020F	16224	5/64		.0781	1/8	1-1/2	3/16	.020
		NEW 11607870A	11616						2.0	.0787	3.0	38	9.0	
		NEW 11609370R.005A	16208			NEW 11609370R.005F	16227	3/32		.0937	1/8	1-1/2	9/32	.005
		11609370R.010A	16138			11609370R.010F	16228	3/32		.0937	1/8	1-1/2	9/32	.010
		11609370R.015A	16140			11609370R.015F	16230	3/32		.0937	1/8	1-1/2	9/32	.015
		11609370R.020A	16142			11609370R.020F	16232	3/32		.0937	1/8	1-1/2	9/32	.020
		11609840A	11620						2.5	.0984	3.0	38	12.0	
11611810T	11626	11611810A	51603	11611810C	51604				3.0	.1181	3.0	38	12.0	
11612500T	11628	11612500A	51605	11612500C	51606			1/8		.1250	1/8	1-1/2	3/8	
		NEW 11612500R.005A	16242			NEW 11612500R.005F	16234	1/8		.1250	1/8	1-1/2	3/8	.005
		11612500R.010A	16144			11612500R.010F	16238	1/8		.1250	1/8	1-1/2	3/8	.010
		11612500R.015A	16146			11612500R.015F	16239	1/8		.1250	1/8	1-1/2	3/8	.015
		11612500R.020A	16148			11612500R.020F	16240	1/8		.1250	1/8	1-1/2	3/8	.020
11615750T	11636	11615750A	51607	11615750C	51608				4.0	.1575	4.0	51	14.0	
11618750T	11642	11618750A	51609	11618750C	51610			3/16		.1875	3/16	2	5/8	
11619680T	11646	11619680A	51611	11619680C	51612				5.0	.1968	5.0	51	20.0	
11623620T	11650	11623620A	51613	11623620C	51614				6.0	.2362	6.0	64	20.0	
11625000T	11652	11625000A	51615	11625000C	51616			1/4		.2500	1/4	2-1/2	3/4	
11631250T	11658	11631250A	51617	11631250C	51618			5/16		.3125	5/16	2-1/2	13/16	
11631500T	11660	11631500A	51619	11631500C	51620				8.0	.3150	8.0	64	20.0	
11637500T	11664	11637500A	51621	11637500C	51622			3/8		.3750	3/8	2-1/2	1	
11639370T	11666	11639370A	51623	11639370C	51624				10.0	.3937	10.0	70	25.0	
11643750T	11670	11643750A	51625	11643750C	51626			7/16		.4375	7/16	2-3/4	1	
11647240T	11672	11647240A	51627	11647240C	51628				12.0	.4724	12.0	76	25.0	
11650000T	11674	11650000A	51629	11650000C	51630			1/2		.5000	1/2	3	1	
11662500T	11680	11662500A	51631	11662500C	51632			5/8		.6250	5/8	3-1/2	1-1/4	
11662990T	11682	11662990A	51633	11662990C	51634				16.0	.6299	16.0	89	30.0	

Series 116 Coated Continued

TiN		ALtima®		TiCN		Fordlube		Diameter			Shank	OAL	Flute Length	Corner Radius
Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	D1						
								Inch	mm	Decimal	D2	L1	L2	R
11675000T	11686	11675000A	51635	11675000C	51636			3/4		.7500	3/4	4	1-1/2	
11678740T	11688	11678740A	51637	11678740C	51638				20.0	.7874	20.0	102	38.0	
11698430T	11694	11698430A	51639	11698430C	51640				25.0	.9843				
11610000T	11622	11610000A	51601	11610000C	51602			1		1.0000	1	4	1-1/2	

TuffCut® GP Series 116C Workhorse



TiCN		Diameter		Shank	OAL	Flute Length	Corner Radius
Tool No.	EDP	D1		D2	L1	L2	
		Inch	Decimal	Inch	Inch	Inch	R
11612508C	11695	1/8	.1250	1/8	1-1/2	1/2	0.01
11615628C	11696	5/32	.1562	3/16	2	9/16	0.01
11618758C	11697	3/16	.1875	3/16	2	5/8	0.01
11621872C	11698	7/32	.2187	1/4	2-1/2	3/4	0.02
11625002C	11699	1/4	.2500	1/4	2-1/2	3/4	0.02
11628122C	11468	9/32	.2812	5/16	2-1/2	3/4	0.02
11631252C	11469	5/16	.3125	5/16	2-1/2	13/16	0.02
11634382C	11500	11/32	.3438	3/8	2-1/2	7/8	0.02
11637502C	11369	3/8	.3750	3/8	2-1/2	1	0.02
11640622C	11370	13/32	.4062	7/16	2-3/4	1	0.02
11643752C	11382	7/16	.4375	7/16	2-3/4	1	0.02
11646882C	11383	15/32	.4688	1/2	3	1-1/4	0.02
11650002C	11371	1/2	.5000	1/2	3	1-1/4	0.02
11650003C	11372	1/2	.5000	1/2	3	1-1/4	0.03
11662502C	11373	5/8	.6250	5/8	3-1/2	1-5/8	0.02
11662503C	11374	5/8	.6250	5/8	3-1/2	1-5/8	0.03
11675002C	11375	3/4	.7500	3/4	4	1-1/2	0.02
11675003C	11376	3/4	.7500	3/4	4	1-1/2	0.03
11610002C	11379	1	1.0000	1	4	1-1/2	0.02
11610003C	11380	1	1.0000	1	4	1-1/2	0.03
11610012C	11377	1	1.0000	1	4	2	0.02
11610013C	11378	1	1.0000	1	4	2	0.03

Inch	
D1	Tolerance
1/8 - 1/4	+0.000/-0.002
>1/4 - 1	+0.000/-0.003

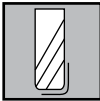
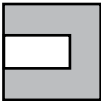
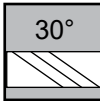
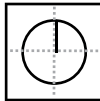
Inch	
R	Tolerance
1/8 - 1	+0.002/-0.002

- Performs well in all materials including Stainless Steel, Inconel and Stellite.
- Produces long cuts at reasonable speeds on everyday equipment.
- Exceptional tool life at moderate speeds and feeds
- Ideal for long cuts requiring accuracy and minimal tool wear deflection.
- Perfect Job Shop Tool.



TuffCut® GP Series 169

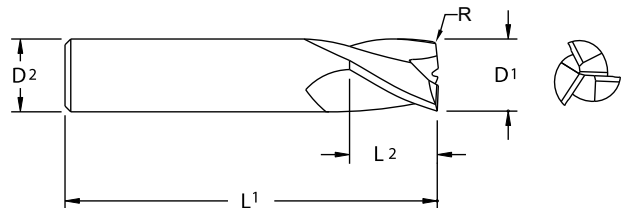
Z3



NEW

**Corner Radius Options
Now Available As
Standards!**

Designed for aggressive milling of most materials. Provides reduced deflection, improved tool life and overall economy.



Tool No.	EDP	Diameter			Shank		OAL		Flute Length		Corner Radius
		D1			D2		L1		L2		R
		Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch
16901560	16900	1/64		.0156	1/8		1-1/2		.023		
16903120	16901	1/32		.0312	1/8		1-1/2		1/16		
16903940	16903		1.0	.0394		3.0		38		2.0	
16904680	16905	3/64		.0468	1/8		1-1/2		3/32		
16905910	16907		1.5	.0591		3.0		38		3.0	
16906250	16909	1/16		.0625	1/8		1-1/2		1/8		
16906250R.005	16966	1/16		.0625	1/8		1-1/2		1/8		.005
16906250R.010	16910	1/16		.0625	1/8		1-1/2		1/8		.010
16906250R.015	16912	1/16		.0625	1/8		1-1/2		1/8		.015
16906250R.020	16914	1/16		.0625	1/8		1-1/2		1/8		.020
16907810	16911	5/64		.0781	1/8		1-1/2		5/32		
16907810R.005	16968	5/64		.0781	1/8		1-1/2		5/32		.005
16907810R.010	16916	5/64		.0781	1/8		1-1/2		5/32		.010
16907810R.015	16918	5/64		.0781	1/8		1-1/2		5/32		.015
16907810R.020	16920	5/64		.0781	1/8		1-1/2		5/32		.020
16907870	16913		2.0	.0787		3.0		38		4.0	
16909370	16915	3/32		.0937	1/8		1-1/2		3/16		
16909370R.005	16970	3/32		.0937	1/8		1-1/2		3/16		.005
16909370R.010	16922	3/32		.0937	1/8		1-1/2		3/16		.010
16909370R.015	16924	3/32		.0937	1/8		1-1/2		3/16		.015
16909370R.020	16928	3/32		.0937	1/8		1-1/2		3/16		.020
16909840	16917		2.5	.0984		3.0		38		5.0	
16910930	16919	7/64		.1093	1/8		1-1/2		7/32		
16911810	16921		3.0	.1181		3.0		38		6.0	
16912500	16923	1/8		.1250	1/8		1-1/2		1/4		
16912500R.005	16972	1/8		.1250	1/8		1-1/2		1/4		.005
16912500R.010	16932	1/8		.1250	1/8		1-1/2		1/4		.010
16912500R.015	16934	1/8		.1250	1/8		1-1/2		1/4		.015
16912500R.020	16938	1/8		.1250	1/8		1-1/2		1/4		.020
16913780	16925		3.5	.1378		4.0		51		7.0	

Inch	
D1	Tolerance
1/64	+ .000/- .001
1/32 - 1/4	+ .000/- .002
>1/4 - 3/4	+ .000/- .003

Metric (mm)	
D1	Tolerance h10
1.00 - 3.00	+ .000/- .040
>3.00 - 6.00	+ .000/- .048
>6.00 - 10.00	+ .000/- .058
>10.00 - 18.00	+ .000/- .070
>18.00 - 20.00	+ .000/- .084

NEW

NEW

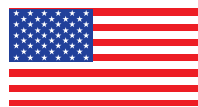
NEW

NEW



Series 169 Continued

Tool No.	EDP	Diameter			Shank		OAL		Flute Length		Corner Radius
		D1			D2		L1		L2		R
		Inch	mm	Decimal	Inch	mm	Inch	mm	Inch	mm	Inch
16914060	16926	9/64		.1406	3/16		2		5/16		
16915620	16927	5/32		.1562	3/16		2		5/16		
16915750	16929		4.0	.1575		4.0		51		8.0	
16917180	16930	11/64		.1718	3/16		2		3/8		
16917720	16931		4.5	.1772		5.0		51		9.0	
16918750	16933	3/16		.1875	3/16		2		3/8		
16919680	16935		5.0	.1968		5.0		51		11.0	
16920310	16936	13/64		.2031	1/4		2		1/2		
16921650	16937		5.5	.2165		6.0		51		12.0	
16921870	16939	7/32		.2187	1/4		2		1/2		
16923430	16940	15/64		.2343	1/4		2		1/2		
16923620	16941		6.0	.2362		6.0		51		13.0	
16925000	16943	1/4		.2500	1/4		2		1/2		
16927560	16945		7.0	.2756		8.0		51		13.0	
16928120	16947	9/32		.2812	5/16		2		1/2		
16931250	16949	5/16		.3125	5/16		2		1/2		
16931500	16951		8.0	.3150		8.0		51		13.0	
16935430	16953		9.0	.3543		9.0		51		14.0	
16937500	16955	3/8		.3750	3/8		2		5/8		
16939370	16957		10.0	.3937		10.0		51		14.0	
16943310	16959		11.0	.4331		11.0		64		16.0	
16943750	16961	7/16		.4375	7/16		2-1/2		5/8		
16947240	16963		12.0	.4724		12.0		64		16.0	
16950000	16965	1/2		.5000	1/2		2-1/2		5/8		
16955120	16967		14.0	.5512		14.0		70		18.0	
16962500	16969	5/8		.6250	5/8		3		3/4		
16962990	16971		16.0	.6299		16.0		76		20.0	
16970870	16973		18.0	.7087		18.0		76		25.0	
16975000	16975	3/4		.7500	3/4		3		1		
16978740	16977		20.0	.7874		20.0		76		25.0	



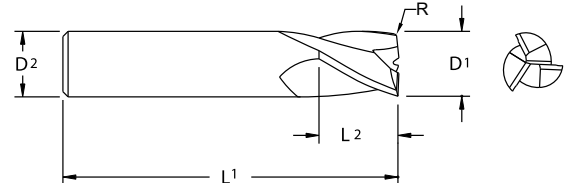
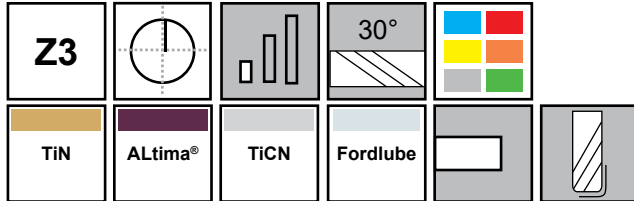
Made in USA

ISO 9001:2008 Certified





TuffCut® GP Series 169 Coated



TiN		ALtima®		TiCN		Fordlube		Diameter			Shank D2	OAL L1	Flute Length L2	Corner Radius R	
Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	Tool No.	EDP	Inch	mm	Decimal					
	NEW	16906250R.005A	16974			NEW	16906250R.005F	16997	1/16		.0625	1/8	1-1/2	1/8	.005
		16906250R.010A	16942				16906250R.010F	16998	1/16		.0625	1/8	1-1/2	1/8	.010
		16906250R.015A	16944				16906250R.015F	16999	1/16		.0625	1/8	1-1/2	1/8	.015
		16906250R.020A	16946				16906250R.020F	17000	1/16		.0625	1/8	1-1/2	1/8	.020
		16907810R.005A	16976				16907810R.005F	17001	5/64		.0781	1/8	1-1/2	5/32	.005
		16907810R.010A	16948				16907810R.010F	17002	5/64		.0781	1/8	1-1/2	5/32	.010
		16907810R.015A	16950				16907810R.015F	17003	5/64		.0781	1/8	1-1/2	5/32	.015
		16907810R.020A	16952				16907810R.020F	17004	5/64		.0781	1/8	1-1/2	5/32	.020
		16909370R.005A	16995				16909370R.005F	17005	3/32		.0937	1/8	1-1/2	3/16	.005
		16909370R.010A	16954				16909370R.010F	17006	3/32		.0937	1/8	1-1/2	3/16	.010
		16909370R.015A	16956				16909370R.015F	17007	3/32		.0937	1/8	1-1/2	3/16	.015
		16909370R.020A	16958				16909370R.020F	17008	3/32		.0937	1/8	1-1/2	3/16	.020
16911810T	56900	16911810A	56933	16911810C	56966					3.0	.1181	3.0	38	6.0	
16912500T	56901	16912500A	56934	16912500C	56967				1/8		.1250	1/8	1-1/2	1/4	
	NEW	16912500R.005A	16996			NEW	16912500R.005F	17009	1/8		.1250	1/8	1-1/2	1/4	.005
		16912500R.010A	16960				16912500R.010F	17010	1/8		.1250	1/8	1-1/2	1/4	.010
		16912500R.015A	16962				16912500R.015F	17011	1/8		.1250	1/8	1-1/2	1/4	.015
		16912500R.020A	16964				16912500R.020F	17012	1/8		.1250	1/8	1-1/2	1/4	.020
16915750T	56905	16915750A	56938	16915750C	56971					4.0	.1575	4.0	51	8.0	
16918750T	56908	16918750A	56941	16918750C	56974				3/16		.1875	3/16	2	3/8	
16919680T	56909	16919680A	56942	16919680C	56975					5.0	.1968	5.0	51	11.0	
16923620T	56914	16923620A	56947	16923620C	56980					6.0	.2362	6.0	51	13.0	
16925000T	56915	16925000A	56948	16925000C	56981				1/4		.2500	1/4	2	1/2	
16931250T	56918	16931250A	56951	16931250C	56984				5/16		.3125	5/16	2	1/2	
16931500T	56919	16931500A	56952	16931500C	56985					8.0	.3150	8.0	51	13.0	
16937500T	56921	16937500A	56954	16937500C	56987				3/8		.3750	3/8	2	5/8	
16939370T	56922	16939370A	56955	16939370C	56988					10.0	.3937	10.0	51	14.0	
16943750T	56924	16943750A	56957	16943750C	56990				7/16		.4375	7/16	2-1/2	5/8	
16947240T	56925	16947240A	56958	16947240C	56991					12.0	.4724	12.0	64	16.0	
16950000T	56926	16950000A	56959	16950000C	56992				1/2		.5000	1/2	2-1/2	5/8	
16962500T	56928	16962500A	56961	16962500C	56994				5/8		.6250	5/8	3	3/4	
16962990T	56929	16962990A	56962	16962990C	56995					16.0	.6299	16.0	76	20.0	
16975000T	56931	16975000A	56964	16975000C	56997				3/4		.7500	3/4	3	1	
16978740T	56932	16978740A	56965	16978740C	56998					20.0	.7874	20.0	76	25	

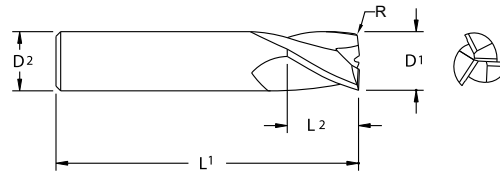


TuffCut® GP Series 169C Workhorse

Z3



Designed for aggressive milling of most materials.



TiCN		Diameter		Shank	OAL	Flute Length		Corner Radius
Tool No.	EDP	Inch	Decimal	D2	L1	L2	R	
16912508C	16978	1/8	.1250	1/8	1-1/2	1/4	0.01	
16915628C	16979	5/32	.1562	3/16	2	5/16	0.01	
16918758C	16980	3/16	.1875	3/16	2	3/8	0.01	
16921872C	16981	7/32	.2187	1/4	2	1/2	0.02	
16925002C	16982	1/4	.2500	1/4	2	1/2	0.02	
16928122C	11381	9/32	.2812	5/16	2	1/2	0.02	
16931252C	16983	5/16	.3125	5/16	2	1/2	0.02	
16934382C	16984	11/32	.3438	3/8	2	1/2	0.02	
16937502C	16985	3/8	.3750	3/8	2	5/8	0.02	
16940622C	16986	13/32	.4062	7/16	2-1/2	9/16	0.02	
16943752C	16987	7/16	.4375	7/16	2-1/2	5/8	0.02	
16946882C	16988	15/32	.4688	1/2	2-1/2	1/2	0.02	
16950002C	16989	1/2	.5000	1/2	2-1/2	5/8	0.02	
16950003C	16990	1/2	.5000	1/2	2-1/2	5/8	0.03	
16962502C	16991	5/8	.6250	5/8	3	3/4	0.02	
16962503C	16992	5/8	.6250	5/8	3	3/4	0.03	
16975002C	16993	3/4	.7500	3/4	3	1	0.02	
16975003C	16994	3/4	.7500	3/4	3	1	0.03	

Inch	
D1	Tolerance
1/8 - 1/4	+ .000/- .002
>1/4 - 3/4	+ .000/- .003

Inch	
R	Tolerance
1/8 - 3/4	+ .002/- .002

- Performs well in all materials including Stainless Steel, Inconel and Stellite.
- Produces long cuts at reasonable speeds on everyday equipment.
- Exceptional tool life at moderate speeds and feeds.
- Ideal for long cuts requiring accuracy and minimal tool wear deflection.
- Perfect Job Shop Tool.

**FOR MORE INFORMATION
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