

# Niagara Cutter

## HSS Milling Cutter

## Staggered Tooth



- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

**TiN**  
Recommended

Price Code D

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAlN	TiAlN
					EDP	List	EDP	List				
2 1/8	3/16	3/4	S21039	14	00004	\$49.30	00005	\$53.20	83700	\$54.50	84073	\$54.50
2 1/8	1/4	3/4	S21049	14	00008	\$49.80	00009	\$53.70	83701	\$55.00	84074	\$55.00
2 1/8	5/16	3/4	S21059	14	00012	\$53.40	00013	\$58.20	83702	\$59.80	84075	\$59.80
2 1/8	3/8	3/4	S21069	14	00016	\$55.70	00017	\$60.50	83703	\$62.10	84076	\$62.10
2 1/2	1/4	7/8	S25040	16	00020	\$49.20	00021	\$53.10	83704	\$54.40	84077	\$54.40
2 1/2	5/16	7/8	S25050	16	00030	\$48.60	00031	\$53.40	83705	\$55.00	84078	\$55.00
2 1/2	3/8	7/8	S25060	16	00040	\$55.80	00041	\$60.60	83706	\$62.20	84079	\$62.20
2 1/2	1/2	7/8	S25080	16	00050	\$58.60	00038	\$64.30	83707	\$66.20	84080	\$66.20
2 3/4	1/4	1	S27041	16	00051	\$63.10	00039	\$67.00	83708	\$68.30	84081	\$68.30
2 3/4	5/16	1	S27051	16	00052	\$70.30	00042	\$75.10	83709	\$76.70	84082	\$76.70
2 3/4	3/8	1	S27061	16	00053	\$70.30	00043	\$75.10	83710	\$76.70	84083	\$76.70
2 3/4	7/16	1	S27071	16	00054	\$71.70	00044	\$77.40	83711	\$79.30	84084	\$79.30
2 3/4	1/2	1	S27081	16	00055	\$76.00	00045	\$81.70	83712	\$83.60	84085	\$83.60
3	3/16	1	S3031	16	00060	\$47.70	00048	\$55.30	83713	\$57.90	84086	\$57.90
3	3/16	1 1/4	S3032	18	00070	\$57.20	00069	\$64.80	83714	\$67.40	84087	\$67.40
3	7/32	1	S3731	16	00080	\$63.50	00079	\$71.10	83715	\$73.70	84088	\$73.70
3	7/32	1 1/4	S3732	18	00090	\$63.50	00089	\$71.10	83716	\$73.70	84089	\$73.70
3	1/4	1	S3041	16	00100	\$51.20	00099	\$58.80	83717	\$61.40	84090	\$61.40
3	1/4	1 1/4	S3042	18	00110	\$59.10	00111	\$66.70	83718	\$69.30	84091	\$69.30
3	9/32	1	S3741	16	00120	\$64.60	00121	\$73.30	83719	\$76.40	84092	\$76.40
3	9/32	1 1/4	S3742	18	00130	\$64.60	00131	\$73.30	83720	\$76.40	84093	\$76.40
3	5/16	1	S3051	16	00140	\$57.20	00141	\$65.90	83721	\$69.00	84094	\$69.00
3	5/16	1 1/4	S3052	18	00150	\$64.10	00151	\$72.80	83722	\$75.90	84095	\$75.90
3	11/32	1	S3751	16	00160	\$64.90	00161	\$73.60	83723	\$76.70	84096	\$76.70
3	11/32	1 1/4	S3752	18	00170	\$64.90	00171	\$73.60	83724	\$76.70	84097	\$76.70
3	3/8	1	S3061	16	00180	\$58.20	00181	\$66.90	83725	\$70.00	84098	\$70.00
3	3/8	1 1/4	S3062	18	00190	\$66.40	00191	\$75.10	83726	\$78.20	84099	\$78.20
3	13/32	1	S3761	16	00200	\$70.00	00201	\$79.90	83727	\$83.40	84100	\$83.40
3	13/32	1 1/4	S3762	18	00210	\$70.00	00211	\$79.90	83728	\$83.40	84101	\$83.40
3	7/16	1	S3071	16	00220	\$69.90	00221	\$79.80	83729	\$83.30	84102	\$83.30
3	7/16	1 1/4	S3072	18	00230	\$69.90	00231	\$79.80	83730	\$83.30	84103	\$83.30
3	1/2	1	S3081	16	00240	\$70.40	00241	\$80.30	83731	\$83.80	84104	\$83.80
3	1/2	1 1/4	S3082	18	00250	\$62.20	00251	\$72.10	83732	\$75.60	84105	\$75.60
3	9/16	1	S3091	16	00260	\$75.10	00261	\$86.20	83733	\$90.00	84106	\$90.00
3	9/16	1 1/4	S3092	18	00270	\$75.10	00271	\$86.20	83734	\$90.00	84107	\$90.00
3	5/8	1	S3101	16	00280	\$81.80	00281	\$92.90	83735	\$96.70	84108	\$96.70
3	5/8	1 1/4	S3102	18	00290	\$72.00	00291	\$83.10	83736	\$86.90	84109	\$86.90
3	11/16	1	S3111	16	00300	\$84.40	00301	\$96.60	83737	\$100.90	84110	\$100.90
3	11/16	1 1/4	S3112	18	00310	\$84.40	00311	\$96.60	83738	\$100.90	84111	\$100.90
3	3/4	1	S3121	16	00320	\$87.20	00321	\$99.40	83739	\$103.70	84112	\$103.70
3	3/4	1 1/4	S3122	18	00330	\$78.00	00331	\$90.20	83740	\$94.50	84113	\$94.50
3	13/16	1	S3131	16	00340	\$89.70	00341	\$103.10	83741	\$107.70	84114	\$107.70
3	13/16	1 1/4	S3132	18	00350	\$89.70	00351	\$103.10	83742	\$107.70	84115	\$107.70
3	7/8	1	S3141	16	00360	\$92.90	00361	\$106.30	83743	\$110.90	84116	\$110.90
3	7/8	1 1/4	S3142	18	00370	\$92.90	00371	\$106.30	83744	\$110.90	84117	\$110.90
3	15/16	1	S3151	16	00380	\$99.70	00381	\$114.20	83745	\$119.30	84118	\$119.30
3	15/16	1 1/4	S3152	18	00390	\$99.70	00391	\$114.20	83746	\$119.30	84119	\$119.30
3	1	1	S3161	16	00400	\$97.60	00401	\$112.10	83747	\$117.20	84120	\$117.20
3	1	1 1/4	S3162	18	00410	\$97.60	00411	\$112.10	83748	\$117.20	84121	\$117.20

Continued on Next Page

Maximum Milling Performance ★

## Staggered Tooth

## HSS Milling Cutter



### "S" Style

- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

Price Code D

Continuation

**TiN**  
Recommended

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAIN	TiAIN
					EDP	List	EDP	List				
3	1 1/4	1	S3201	16	00420	\$134.70	00421	\$150.60	83749	\$156.10	84122	\$156.10
3	1 1/4	1 1/4	S3202	18	00430	\$134.70	00431	\$150.60	83750	\$156.10	84123	\$156.10
3 1/4	1/4	1 1/4	S32042	18	00435	\$84.90	00432	\$95.20	83751	\$98.80	84124	\$98.80
3 1/4	3/8	1 1/4	S32062	18	00436	\$92.60	00433	\$104.50	83752	\$108.60	84125	\$108.60
3 1/4	1/2	1 1/4	S32082	18	00437	\$102.40	00434	\$115.80	83753	\$120.50	84126	\$120.50
3 1/4	3/4	1 1/4	S32122	18	00438	\$108.90	00439	\$125.40	83754	\$131.20	84127	\$131.20
3 1/2	7/32	1	S35731	18	00440	\$85.10	00441	\$95.40	83755	\$99.00	84128	\$99.00
3 1/2	7/32	1 1/4	S35732	18	00450	\$85.10	00451	\$95.40	83756	\$99.00	84129	\$99.00
3 1/2	1/4	1	S35041	18	00460	\$87.70	00461	\$98.00	83757	\$101.60	84130	\$101.60
3 1/2	1/4	1 1/4	S35042	18	00470	\$87.70	00471	\$98.00	83758	\$101.60	84131	\$101.60
3 1/2	9/32	1	S35741	18	00480	\$91.20	00481	\$103.10	83759	\$107.20	84132	\$107.20
3 1/2	9/32	1 1/4	S35742	18	00490	\$91.20	00491	\$103.10	83760	\$107.20	84133	\$107.20
3 1/2	5/16	1	S35051	18	00500	\$92.80	00501	\$104.70	83761	\$108.80	84134	\$108.80
3 1/2	5/16	1 1/4	S35052	18	00510	\$92.80	00511	\$104.70	83762	\$108.80	84135	\$108.80
3 1/2	11/32	1	S35751	18	00520	\$94.40	00521	\$106.30	83763	\$110.40	84136	\$110.40
3 1/2	11/32	1 1/4	S35752	18	00530	\$94.40	00531	\$106.30	83764	\$110.40	84137	\$110.40
3 1/2	3/8	1	S35061	18	00540	\$88.40	00541	\$100.30	83765	\$104.40	84138	\$104.40
3 1/2	3/8	1 1/4	S35062	18	00550	\$88.40	00551	\$100.30	83766	\$104.40	84139	\$104.40
3 1/2	13/32	1	S35761	18	00560	\$96.50	00561	\$109.90	83767	\$114.60	84140	\$114.60
3 1/2	13/32	1 1/4	S35762	18	00570	\$96.50	00571	\$109.90	83768	\$114.60	84141	\$114.60
3 1/2	7/16	1	S35071	18	00580	\$92.60	00581	\$106.00	83769	\$110.70	84142	\$110.70
3 1/2	7/16	1 1/4	S35072	18	00590	\$93.40	00591	\$106.80	83770	\$111.50	84143	\$111.50
3 1/2	1/2	1	S35081	18	00600	\$94.60	00601	\$108.00	83771	\$112.70	84144	\$112.70
3 1/2	1/2	1 1/4	S35082	18	00610	\$104.70	00611	\$118.10	83772	\$122.80	84145	\$122.80
3 1/2	9/16	1	S35091	18	00620	\$104.00	00621	\$119.00	83773	\$124.20	84146	\$124.20
3 1/2	9/16	1 1/4	S35092	18	00630	\$106.70	00631	\$121.70	83774	\$126.90	84147	\$126.90
3 1/2	5/8	1	S35101	18	00640	\$104.00	00641	\$119.00	83775	\$124.20	84148	\$124.20
3 1/2	5/8	1 1/4	S35102	18	00650	\$106.90	00651	\$121.90	83776	\$127.10	84149	\$127.10
3 1/2	11/16	1	S35111	18	00660	\$111.20	00661	\$127.70	83777	\$133.50	84150	\$133.50
3 1/2	11/16	1 1/4	S35112	18	00670	\$113.50	00671	\$130.00	83778	\$135.80	84151	\$135.80
3 1/2	3/4	1	S35121	18	00680	\$111.20	00681	\$127.70	83779	\$133.50	84152	\$133.50
3 1/2	3/4	1 1/4	S35122	18	00690	\$115.90	00691	\$132.40	83780	\$138.20	84153	\$138.20
3 1/2	13/16	1	S35131	18	00700	\$119.50	00701	\$137.50	83781	\$143.80	84154	\$143.80
3 1/2	13/16	1 1/4	S35132	18	00710	\$119.50	00711	\$137.50	83782	\$143.80	84155	\$143.80
3 1/2	7/8	1	S35141	18	00720	\$123.70	00721	\$141.70	83783	\$148.00	84156	\$148.00
3 1/2	7/8	1 1/4	S35142	18	00730	\$123.70	00731	\$141.70	83784	\$148.00	84157	\$148.00
3 1/2	15/16	1	S35151	18	00740	\$137.20	00741	\$156.80	83785	\$163.60	84158	\$163.60
3 1/2	15/16	1 1/4	S35152	18	00750	\$137.20	00751	\$156.80	83786	\$163.60	84159	\$163.60
3 1/2	1	1	S35161	18	00760	\$143.90	00761	\$163.50	83787	\$170.30	84160	\$170.30
3 1/2	1	1 1/4	S35162	18	00770	\$143.90	00771	\$163.50	83788	\$170.30	84161	\$170.30
3 3/4	1/4	1 1/4	S37042	18	00775	\$90.30	00772	\$100.60	83789	\$104.20	84162	\$104.20
3 3/4	3/8	1 1/4	S37062	18	00776	\$97.90	00773	\$109.80	83790	\$113.90	84163	\$113.90
3 3/4	1/2	1 1/4	S37082	18	00777	\$112.80	00774	\$126.20	83791	\$130.90	84164	\$130.90
3 3/4	3/4	1 1/4	S37122	18	00778	\$126.30	00779	\$142.80	83792	\$148.60	84165	\$148.60
4	3/16	1	S4031	18	00786	\$78.30	00796	\$88.60	83793	\$92.20	84166	\$92.20
4	3/16	1 1/4	S4032	18	00790	\$78.30	00798	\$88.60	83794	\$92.20	84167	\$92.20
4	7/32	1	S4731	18	00800	\$86.00	00802	\$96.30	83795	\$99.90	84168	\$99.90
4	7/32	1 1/4	S4732	18	00810	\$86.00	00812	\$96.30	83796	\$99.90	84169	\$99.90
4	1/4	1	S4041	18	00820	\$84.50	00822	\$94.80	83797	\$98.40	84170	\$98.40

Continued on Next Page

## HSS Milling Cutter

## Staggered Tooth



### "S" Style

- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

**TiN**  
Recommended

Price Code D Continuation

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAlN	TiAlN
					EDP	List	EDP	List				
4	1/4	1 1/4	S4042	18	00830	\$74.50	<b>00832</b>	<b>\$84.80</b>	83798	\$88.40	84171	\$88.40
4	9/32	1	S4741	18	00840	\$87.60	<b>00841</b>	<b>\$99.50</b>	83799	\$103.60	84172	\$103.60
4	9/32	1 1/4	S4742	18	00850	\$87.60	<b>00851</b>	<b>\$99.50</b>	83800	\$103.60	84173	\$103.60
4	5/16	1	S4051	18	00860	\$87.90	<b>00861</b>	<b>\$99.80</b>	83801	\$103.90	84174	\$103.90
4	5/16	1 1/4	S4052	18	00870	\$75.70	<b>00871</b>	<b>\$87.60</b>	83802	\$91.70	84175	\$91.70
4	11/32	1	S4751	18	00880	\$95.20	<b>00881</b>	<b>\$107.10</b>	83803	\$111.20	84176	\$111.20
4	11/32	1 1/4	S4752	18	00890	\$95.20	<b>00891</b>	<b>\$107.10</b>	83804	\$111.20	84177	\$111.20
4	3/8	1	S4061	18	00900	\$92.10	<b>00901</b>	<b>\$104.00</b>	83805	\$108.10	84178	\$108.10
4	3/8	1 1/4	S4062	18	00910	\$77.20	<b>00911</b>	<b>\$89.10</b>	83806	\$93.20	84179	\$93.20
4	13/32	1	S4761	18	00920	\$97.80	<b>00921</b>	<b>\$111.20</b>	83807	\$115.90	84180	\$115.90
4	13/32	1 1/4	S4762	18	00930	\$97.80	<b>00931</b>	<b>\$111.20</b>	83808	\$115.90	84181	\$115.90
4	7/16	1	S4071	18	00940	\$98.90	<b>00941</b>	<b>\$112.30</b>	83809	\$117.00	84182	\$117.00
4	7/16	1 1/4	S4072	18	00950	\$83.90	<b>00951</b>	<b>\$97.30</b>	83810	\$102.00	84183	\$102.00
4	1/2	1	S4081	18	00960	\$101.40	<b>00961</b>	<b>\$114.80</b>	83811	\$119.50	84184	\$119.50
4	1/2	1 1/4	S4082	18	00970	\$87.50	<b>00971</b>	<b>\$100.90</b>	83812	\$105.60	84185	\$105.60
4	9/16	1	S4091	18	00980	\$109.10	<b>00981</b>	<b>\$124.10</b>	83813	\$129.30	84186	\$129.30
4	9/16	1 1/4	S4092	18	00990	\$109.10	<b>00991</b>	<b>\$124.10</b>	83814	\$129.30	84187	\$129.30
4	5/8	1	S4101	18	01000	\$112.90	<b>01001</b>	<b>\$127.90</b>	83815	\$133.10	84188	\$133.10
4	5/8	1 1/4	S4102	18	01010	\$100.80	<b>01011</b>	<b>\$115.80</b>	83816	\$121.00	84189	\$121.00
4	11/16	1	S4111	18	01020	\$121.50	<b>01021</b>	<b>\$138.00</b>	83817	\$143.80	84190	\$143.80
4	11/16	1 1/4	S4112	18	01030	\$121.50	<b>01031</b>	<b>\$138.00</b>	83818	\$143.80	84191	\$143.80
4	3/4	1	S4121	18	01040	\$124.50	<b>01041</b>	<b>\$141.00</b>	83819	\$146.80	84192	\$146.80
4	3/4	1 1/4	S4122	18	01050	\$107.50	<b>01051</b>	<b>\$124.00</b>	83820	\$129.80	84193	\$129.80
4	13/16	1	S4131	18	01060	\$129.50	<b>01061</b>	<b>\$147.50</b>	83821	\$153.80	84194	\$153.80
4	13/16	1 1/4	S4132	18	01070	\$129.50	<b>01071</b>	<b>\$147.50</b>	83822	\$153.80	84195	\$153.80
4	7/8	1	S4141	18	01080	\$129.60	<b>01081</b>	<b>\$147.60</b>	83823	\$153.90	84196	\$153.90
4	7/8	1 1/4	S4142	18	01090	\$113.50	<b>01091</b>	<b>\$131.50</b>	83824	\$137.80	84197	\$137.80
4	15/16	1	S4151	18	01100	\$145.80	<b>01101</b>	<b>\$165.40</b>	83825	\$172.20	84198	\$172.20
4	15/16	1 1/4	S4152	18	01110	\$145.80	<b>01111</b>	<b>\$165.40</b>	83826	\$172.20	84199	\$172.20
4	1	1	S4161	18	01120	\$152.70	<b>01121</b>	<b>\$172.30</b>	83827	\$179.10	84200	\$179.10
4	1	1 1/4	S4162	18	01130	\$152.70	<b>01131</b>	<b>\$172.30</b>	83828	\$179.10	84201	\$179.10
4	1 1/8	1 1/4	S4182	18	01140	\$164.90	<b>01141</b>	<b>\$186.00</b>	83829	\$193.40	84202	\$193.40
4	1 1/4	1 1/4	S4202	18	01150	\$170.20	<b>01151</b>	<b>\$191.30</b>	83830	\$198.70	84203	\$198.70
4	1 3/8	1 1/4	S4222	18	01160	\$194.10	<b>01161</b>	<b>\$216.80</b>	83831	\$224.70	84204	\$224.70
4	1 1/2	1 1/4	S4242	18	01170	\$197.60	<b>01171</b>	<b>\$220.30</b>	83832	\$228.20	84205	\$228.20
4 1/4	1/4	1 1/4	S42042	18	01175	\$100.00	<b>01172</b>	<b>\$113.10</b>	83833	\$117.70	84206	\$117.70
4 1/4	3/8	1 1/4	S42062	18	01176	\$112.80	<b>01173</b>	<b>\$127.80</b>	83834	\$133.00	84207	\$133.00
4 1/4	1/2	1 1/4	S42082	18	01177	\$125.30	<b>01174</b>	<b>\$142.10</b>	83835	\$148.10	84208	\$148.10
4 1/4	3/4	1 1/4	S42122	18	01178	\$152.40	<b>01179</b>	<b>\$173.00</b>	83836	\$180.20	84209	\$180.20
4 1/2	7/32	1	S45731	18	01180	\$100.60	<b>01181</b>	<b>\$113.70</b>	83837	\$118.30	84210	\$118.30
4 1/2	7/32	1 1/4	S45732	18	01190	\$100.60	<b>01191</b>	<b>\$113.70</b>	83838	\$118.30	84211	\$118.30
4 1/2	1/4	1	S45041	18	01200	\$101.10	<b>01201</b>	<b>\$114.20</b>	83839	\$118.80	84212	\$118.80
4 1/2	1/4	1 1/4	S45042	18	01210	\$101.10	<b>01211</b>	<b>\$114.20</b>	83840	\$118.80	84213	\$118.80
4 1/2	5/16	1	S45051	18	01220	\$105.60	<b>01221</b>	<b>\$120.60</b>	83841	\$125.80	84214	\$125.80
4 1/2	5/16	1 1/4	S45052	18	01230	\$105.60	<b>01231</b>	<b>\$120.60</b>	83842	\$125.80	84215	\$125.80
4 1/2	3/8	1	S45061	18	01240	\$113.70	<b>01241</b>	<b>\$128.70</b>	83843	\$133.90	84216	\$133.90
4 1/2	3/8	1 1/4	S45062	18	01250	\$113.70	<b>01251</b>	<b>\$128.70</b>	83844	\$133.90	84217	\$133.90
4 1/2	1/2	1	S45081	18	01260	\$126.70	<b>01261</b>	<b>\$143.50</b>	83845	\$149.50	84218	\$149.50
4 1/2	1/2	1 1/4	S45082	18	01270	\$126.70	<b>01271</b>	<b>\$143.50</b>	83846	\$149.50	84219	\$149.50

Continued on Next Page

## Staggered Tooth

## HSS Milling Cutter



### “S” Style

- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

Price Code D		Continuation			TiN Recommended		TiN		TiCN	TiCN	TiAIN	TiAIN
Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated EDP	List	TiN EDP	TiN List	EDP	List	EDP	List
4 1/2	5/8	1	S45101	18	01280	\$143.60	01281	\$162.30	83847	\$168.90	84220	\$168.90
4 1/2	5/8	1 1/4	S45102	18	01290	\$143.60	01291	\$162.30	83848	\$168.90	84221	\$168.90
4 1/2	3/4	1	S45121	18	01300	\$152.70	01301	\$173.30	83849	\$180.50	84222	\$180.50
4 1/2	3/4	1 1/4	S45122	18	01310	\$152.70	01311	\$173.30	83850	\$180.50	84223	\$180.50
4 1/2	1	1	S45161	18	01320	\$209.30	01321	\$233.70	83851	\$242.20	84224	\$242.20
4 1/2	1	1 1/4	S45162	18	01330	\$209.30	01337	\$233.70	83852	\$242.20	84225	\$242.20
5	3/16	1	S5031	24	01340	\$127.00	01342	\$140.10	83853	\$144.70	84226	\$144.70
5	3/16	1 1/4	S5032	24	01350	\$127.00	01352	\$140.10	83854	\$144.70	84227	\$144.70
5	7/32	1	S5731	24	01360	\$123.10	01362	\$136.20	83855	\$140.80	84228	\$140.80
5	7/32	1 1/4	S5732	24	01370	\$123.10	01372	\$136.20	83856	\$140.80	84229	\$140.80
5	1/4	1	S5041	24	01380	\$117.30	01382	\$130.40	83857	\$135.00	84230	\$135.00
5	1/4	1 1/4	S5042	24	01390	\$117.30	01392	\$130.40	83858	\$135.00	84231	\$135.00
5	9/32	1	S5741	24	01400	\$131.80	01401	\$146.80	83859	\$152.00	84232	\$152.00
5	9/32	1 1/4	S5742	24	01410	\$131.80	01411	\$146.80	83860	\$152.00	84233	\$152.00
5	5/16	1	S5051	24	01420	\$128.70	01421	\$143.70	83861	\$148.90	84234	\$148.90
5	5/16	1 1/4	S5052	24	01430	\$128.70	01431	\$143.70	83862	\$148.90	84235	\$148.90
5	11/32	1	S5751	24	01440	\$139.20	01441	\$154.20	83863	\$159.40	84236	\$159.40
5	11/32	1 1/4	S5752	24	01450	\$139.20	01451	\$154.20	83864	\$159.40	84237	\$159.40
5	3/8	1	S5061	24	01460	\$137.20	01461	\$152.20	83865	\$157.40	84238	\$157.40
5	3/8	1 1/4	S5062	24	01470	\$137.20	01471	\$152.20	83866	\$157.40	84239	\$157.40
5	13/32	1	S5761	24	01480	\$148.50	01481	\$165.30	83867	\$171.30	84240	\$171.30
5	13/32	1 1/4	S5762	24	01490	\$148.50	01491	\$165.30	83868	\$171.30	84241	\$171.30
5	7/16	1	S5071	24	01500	\$150.50	01501	\$167.30	83869	\$173.30	84242	\$173.30
5	7/16	1 1/4	S5072	24	01510	\$150.50	01511	\$167.30	83870	\$173.30	84243	\$173.30
5	15/32	1	S5771	24	01520	\$153.20	01521	\$170.00	83871	\$176.00	84244	\$176.00
5	15/32	1 1/4	S5772	24	01530	\$153.20	01531	\$170.00	83872	\$176.00	84245	\$176.00
5	1/2	1	S5081	24	01540	\$151.50	01541	\$168.30	83873	\$174.30	84246	\$174.30
5	1/2	1 1/4	S5082	24	01550	\$120.80	01551	\$137.60	83874	\$143.60	84247	\$143.60
5	17/32	1 1/4	S5782	24	01560	\$157.40	01561	\$176.10	83875	\$182.70	84248	\$182.70
5	9/16	1 1/4	S5092	24	01570	\$154.40	01571	\$173.10	83876	\$179.70	84249	\$179.70
5	19/32	1 1/4	S5792	24	01580	\$164.80	01581	\$183.50	83877	\$190.10	84250	\$190.10
5	5/8	1 1/4	S5102	24	01590	\$133.50	01591	\$152.20	83878	\$158.80	84251	\$158.80
5	11/16	1 1/4	S5112	24	01600	\$165.70	01601	\$186.30	83879	\$193.50	84252	\$193.50
5	3/4	1 1/4	S5122	24	01610	\$146.70	01611	\$167.30	83880	\$174.50	84253	\$174.50
5	13/16	1 1/4	S5132	24	01620	\$181.60	01621	\$204.10	83881	\$212.00	84254	\$212.00
5	7/8	1 1/4	S5142	24	01630	\$187.80	01631	\$210.30	83882	\$218.20	84255	\$218.20
5	15/16	1 1/4	S5152	24	01640	\$201.60	01641	\$226.00	83883	\$234.50	84256	\$234.50
5	1	1 1/4	S5162	24	01650	\$201.30	01651	\$225.70	83884	\$234.20	84257	\$234.20
5 1/2	1/4	1 1/4	S55042	24	01665	\$130.80	01662	\$146.60	83885	\$152.10	84258	\$152.10
5 1/2	3/8	1 1/4	S55062	24	01666	\$149.90	01663	\$168.00	83886	\$174.30	84259	\$174.30
5 1/2	1/2	1 1/4	S55082	24	01667	\$168.80	01664	\$189.20	83887	\$196.30	84260	\$196.30
5 1/2	3/4	1 1/4	S55122	24	01668	\$191.10	01669	\$216.00	83888	\$224.70	84261	\$224.70
6	3/16	1	S6031	24	01676	\$165.10	01652	\$180.90	83889	\$186.40	84262	\$186.40
6	3/16	1 1/4	S6032	24	01678	\$165.10	01654	\$180.90	83890	\$186.40	84263	\$186.40
6	3/16	1 1/2	S6033	28	01680	\$165.10	01656	\$180.90	83891	\$186.40	84264	\$186.40
6	7/32	1	S6731	24	01690	\$165.70	01657	\$181.50	83892	\$187.00	84265	\$187.00
6	7/32	1 1/4	S6732	24	01700	\$165.70	01659	\$181.50	83893	\$187.00	84266	\$187.00
6	7/32	1 1/2	S6733	28	01710	\$165.70	01661	\$181.50	83894	\$187.00	84267	\$187.00
6	1/4	1	S6041	24	01720	\$158.60	01722	\$174.40	83895	\$179.90	84268	\$179.90

Continued on Next Page

# Niagara Cutter

## HSS Milling Cutter

## Staggered Tooth



**TiN**  
Recommended

Price Code D

Continuation

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAlN	TiAlN
					EDP	List	EDP	List				
6	1/4	1 1/4	S6042	24	01730	\$154.80	01732	\$170.60	83896	\$176.10	84269	\$176.10
6	1/4	1 1/2	S6043	28	01740	\$162.90	01741	\$178.70	83897	\$184.20	84270	\$184.20
6	9/32	1	S6741	24	01750	\$177.30	01751	\$195.40	83898	\$201.70	84271	\$201.70
6	9/32	1 1/4	S6742	24	01760	\$177.30	01761	\$195.40	83899	\$201.70	84272	\$201.70
6	9/32	1 1/2	S6743	28	01770	\$177.30	01771	\$195.40	83900	\$201.70	84273	\$201.70
6	5/16	1	S6051	24	01780	\$165.30	01781	\$183.40	83901	\$189.70	84274	\$189.70
6	5/16	1 1/4	S6052	24	01790	\$165.30	01791	\$183.40	83902	\$189.70	84275	\$189.70
6	5/16	1 1/2	S6053	28	01800	\$165.30	01801	\$183.40	83903	\$189.70	84276	\$189.70
6	11/32	1	S6751	24	01810	\$186.00	01811	\$204.10	83904	\$210.40	84277	\$210.40
6	11/32	1 1/4	S6752	24	01820	\$186.00	01821	\$204.10	83905	\$210.40	84278	\$210.40
6	11/32	1 1/2	S6753	28	01830	\$186.00	01831	\$204.10	83906	\$210.40	84279	\$210.40
6	3/8	1	S6061	24	01840	\$175.20	01842	\$193.30	83907	\$199.60	84280	\$199.60
6	3/8	1 1/4	S6062	24	01850	\$137.00	01852	\$155.10	83908	\$161.40	84281	\$161.40
6	3/8	1 1/2	S6063	28	01860	\$187.90	01861	\$206.00	83909	\$212.30	84282	\$212.30
6	13/32	1	S6761	24	01870	\$187.90	01871	\$208.30	83910	\$215.40	84283	\$215.40
6	13/32	1 1/4	S6762	24	01880	\$187.90	01881	\$208.30	83911	\$215.40	84284	\$215.40
6	13/32	1 1/2	S6763	28	01890	\$187.90	01891	\$208.30	83912	\$215.40	84285	\$215.40
6	7/16	1	S6071	24	01900	\$184.40	01901	\$204.80	83913	\$211.90	84286	\$211.90
6	7/16	1 1/4	S6072	24	01910	\$184.40	01911	\$204.80	83914	\$211.90	84287	\$211.90
6	7/16	1 1/2	S6073	28	01920	\$189.70	01921	\$210.10	83915	\$217.20	84288	\$217.20
6	15/32	1	S6771	24	01930	\$194.30	01931	\$214.70	83916	\$221.80	84289	\$221.80
6	15/32	1 1/4	S6772	24	01940	\$194.30	01941	\$214.70	83917	\$221.80	84290	\$221.80
6	15/32	1 1/2	S6773	28	01950	\$194.30	01951	\$214.70	83918	\$221.80	84291	\$221.80
6	1/2	1	S6081	24	01960	\$182.90	01961	\$203.30	83919	\$210.40	84292	\$210.40
6	1/2	1 1/4	S6082	24	01970	\$153.20	01971	\$173.60	83920	\$180.70	84293	\$180.70
6	1/2	1 1/2	S6083	28	01980	\$186.40	01981	\$206.80	83921	\$213.90	84294	\$213.90
6	17/32	1 1/4	S6782	24	01990	\$204.10	01991	\$226.70	83922	\$234.70	84295	\$234.70
6	9/16	1 1/4	S6092	24	02000	\$196.80	02001	\$219.40	83923	\$227.40	84296	\$227.40
6	9/16	1 1/2	S6093	28	02010	\$205.90	02011	\$228.50	83924	\$236.50	84297	\$236.50
6	5/8	1 1/4	S6102	24	02020	\$178.60	02021	\$201.20	83925	\$209.20	84298	\$209.20
6	5/8	1 1/2	S6103	28	02030	\$215.30	02031	\$237.90	83926	\$245.90	84299	\$245.90
6	11/16	1 1/4	S6112	24	02040	\$224.10	02041	\$249.00	83927	\$257.70	84300	\$257.70
6	11/16	1 1/2	S6113	28	02050	\$224.10	02051	\$249.00	83928	\$257.70	84301	\$257.70
6	3/4	1 1/4	S6122	24	02060	\$197.90	02061	\$222.80	83929	\$231.50	84302	\$231.50
6	3/4	1 1/2	S6123	28	02070	\$236.80	02071	\$261.70	83930	\$270.40	84303	\$270.40
6	13/16	1 1/4	S6132	24	02080	\$240.20	02081	\$267.40	83931	\$276.90	84304	\$276.90
6	13/16	1 1/2	S6133	28	02090	\$253.20	02091	\$280.40	83932	\$289.90	84305	\$289.90
6	7/8	1 1/4	S6142	24	02100	\$231.00	02101	\$258.20	83933	\$267.70	84306	\$267.70
6	7/8	1 1/2	S6143	28	02110	\$255.40	02111	\$282.60	83934	\$292.10	84307	\$292.10
6	15/16	1 1/4	S6152	24	02120	\$293.30	02121	\$322.70	83935	\$333.00	84308	\$333.00
6	15/16	1 1/2	S6153	28	02130	\$297.20	02131	\$326.60	83936	\$336.90	84309	\$336.90
6	1	1 1/4	S6162	24	02140	\$247.70	02141	\$277.10	83937	\$287.40	84310	\$287.40
6	1	1 1/2	S6163	28	02150	\$282.60	02151	\$312.00	83938	\$322.30	84311	\$322.30
6	1 1/16	1 1/4	S6172	24	02160	\$305.40	02161	\$337.10	83939	\$348.20	84312	\$348.20
6	1 1/8	1 1/4	S6182	24	02170	\$312.20	02171	\$343.90	83940	\$355.00	84313	\$355.00
6	1 3/16	1 1/4	S6192	24	02180	\$320.40	02181	\$352.10	83941	\$363.20	84314	\$363.20
6	1 1/4	1 1/4	S6202	24	02190	\$320.00	02195	\$351.70	83942	\$362.80	84315	\$362.80
7	1/4	1 1/4	S7042	24	02200	\$236.80	02201	\$255.40	83943	\$261.90	84316	\$261.90
7	1/4	1 1/2	S7043	28	02210	\$236.80	02211	\$255.40	83944	\$261.90	84317	\$261.90

Continued on Next Page

Maximum Milling Performance ★

# Niagara Cutter

## Staggered Tooth

## HSS Milling Cutter



Price Code D

Continuation

**TiN**  
Recommended

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAlN	TiAlN
					EDP	List	EDP	List				
7	5/16	1 1/4	S7052	24	02220	\$250.90	02221	\$272.10	83945	\$279.50	84318	\$279.50
7	5/16	1 1/2	S7053	28	02230	\$250.90	02231	\$272.10	83946	\$279.50	84319	\$279.50
7	3/8	1 1/4	S7062	24	02240	\$257.70	02241	\$278.90	83947	\$286.30	84320	\$286.30
7	3/8	1 1/2	S7063	28	02250	\$257.70	02251	\$278.90	83948	\$286.30	84321	\$286.30
7	7/16	1 1/4	S7072	24	02260	\$267.20	02261	\$291.00	83949	\$299.30	84322	\$299.30
7	7/16	1 1/2	S7073	28	02270	\$267.20	02271	\$291.00	83950	\$299.30	84323	\$299.30
7	1/2	1 1/4	S7082	24	02280	\$279.00	02281	\$302.80	83951	\$311.10	84324	\$311.10
7	1/2	1 1/2	S7083	28	02290	\$279.00	02291	\$302.80	83952	\$311.10	84325	\$311.10
7	9/16	1 1/4	S7092	24	02300	\$290.70	02301	\$317.10	83953	\$326.40	84326	\$326.40
7	9/16	1 1/2	S7093	28	02310	\$290.70	02311	\$317.10	83954	\$326.40	84327	\$326.40
7	5/8	1 1/4	S7102	24	02320	\$300.20	02321	\$326.60	83955	\$335.90	84328	\$335.90
7	5/8	1 1/2	S7103	28	02330	\$300.20	02331	\$326.60	83956	\$335.90	84329	\$335.90
7	11/16	1 1/4	S7112	24	02340	\$321.20	02341	\$350.20	83957	\$360.40	84330	\$360.40
7	11/16	1 1/2	S7113	28	02350	\$321.20	02351	\$350.20	83958	\$360.40	84331	\$360.40
7	3/4	1 1/4	S7122	24	02360	\$333.50	02361	\$362.50	83959	\$372.70	84332	\$372.70
7	3/4	1 1/2	S7123	28	02370	\$333.50	02371	\$362.50	83960	\$372.70	84333	\$372.70
7	13/16	1 1/4	S7132	24	02380	\$349.50	02381	\$381.10	83961	\$392.20	84334	\$392.20
7	13/16	1 1/2	S7133	28	02390	\$349.50	02391	\$381.10	83962	\$392.20	84335	\$392.20
7	7/8	1 1/4	S7142	24	02400	\$363.00	02401	\$394.60	83963	\$405.70	84336	\$405.70
7	7/8	1 1/2	S7143	28	02410	\$363.00	02411	\$394.60	83964	\$405.70	84337	\$405.70
7	15/16	1 1/4	S7152	24	02420	\$372.90	02421	\$407.10	83965	\$419.10	84338	\$419.10
7	15/16	1 1/2	S7153	28	02430	\$372.90	02431	\$407.10	83966	\$419.10	84339	\$419.10
7	1	1 1/4	S7162	24	02440	\$382.90	02441	\$417.10	83967	\$429.10	84340	\$429.10
7	1	1 1/2	S7163	28	02450	\$382.90	02451	\$417.10	83968	\$429.10	84341	\$429.10
8	3/16	1 1/4	S8032	28	02460	\$301.60	02462	\$322.90	83969	\$330.40	84342	\$330.40
8	3/16	1 1/2	S8033	28	02470	\$301.60	02472	\$322.90	83970	\$330.40	84343	\$330.40
8	7/32	1 1/4	S8732	28	02480	\$311.60	02482	\$332.90	83971	\$340.40	84344	\$340.40
8	7/32	1 1/2	S8733	28	02490	\$311.60	02492	\$332.90	83972	\$340.40	84345	\$340.40
8	1/4	1 1/4	S8042	28	02500	\$284.40	02502	\$305.70	83973	\$313.20	84346	\$313.20
8	1/4	1 1/2	S8043	28	02510	\$293.90	02512	\$315.20	83974	\$322.70	84347	\$322.70
8	9/32	1 1/4	S8742	28	02520	\$313.70	02521	\$338.00	83975	\$346.50	84348	\$346.50
8	9/32	1 1/2	S8743	28	02530	\$313.70	02531	\$338.00	83976	\$346.50	84349	\$346.50
8	5/16	1 1/4	S8052	28	02540	\$311.60	02541	\$335.90	83977	\$344.40	84350	\$344.40
8	5/16	1 1/2	S8053	28	02550	\$311.60	02551	\$335.90	83978	\$344.40	84351	\$344.40
8	11/32	1 1/4	S8752	28	02560	\$319.60	02561	\$343.90	83979	\$352.40	84352	\$352.40
8	11/32	1 1/2	S8753	28	02570	\$319.60	02571	\$343.90	83980	\$352.40	84353	\$352.40
8	3/8	1 1/4	S8062	28	02580	\$327.60	02582	\$351.90	83981	\$360.40	84354	\$360.40
8	3/8	1 1/2	S8063	28	02590	\$298.00	02592	\$322.30	83982	\$330.80	84355	\$330.80
8	13/32	1 1/4	S8762	28	02600	\$343.70	02601	\$371.00	83983	\$380.60	84356	\$380.60
8	13/32	1 1/2	S8763	28	02610	\$343.70	02611	\$371.00	83984	\$380.60	84357	\$380.60
8	7/16	1 1/4	S8072	28	02620	\$353.10	02621	\$380.40	83985	\$390.00	84358	\$390.00
8	7/16	1 1/2	S8073	28	02630	\$353.10	02631	\$380.40	83986	\$390.00	84359	\$390.00
8	15/32	1 1/4	S8772	28	02640	\$363.80	02641	\$391.10	83987	\$400.70	84360	\$400.70
8	15/32	1 1/2	S8773	28	02650	\$363.80	02651	\$391.10	83988	\$400.70	84361	\$400.70
8	1/2	1 1/4	S8082	28	02660	\$361.70	02661	\$389.00	83989	\$398.60	84362	\$398.60
8	1/2	1 1/2	S8083	28	02670	\$336.90	02671	\$364.20	83990	\$373.80	84363	\$373.80
8	17/32	1 1/4	S8782	28	02680	\$388.30	02681	\$418.60	83991	\$429.20	84364	\$429.20
8	17/32	1 1/2	S8783	28	02690	\$388.30	02691	\$418.60	83992	\$429.20	84365	\$429.20
8	9/16	1 1/4	S8092	28	02700	\$390.80	02701	\$421.10	83993	\$431.70	84366	\$431.70

Continued on Next Page

## HSS Milling Cutter

## Staggered Tooth



### "S" Style

- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

**TiN**  
Recommended

Price Code D Continuation

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN	TiCN	TiAlN	TiAlN
					EDP	List	EDP	List				
8	9/16	1 1/2	S8093	28	02710	\$390.80	02711	\$421.10	83994	\$431.70	84367	\$431.70
8	19/32	1 1/4	S8792	28	02720	\$392.80	02721	\$423.10	83995	\$433.70	84368	\$433.70
8	19/32	1 1/2	S8793	28	02730	\$392.80	02731	\$423.10	83996	\$433.70	84369	\$433.70
8	5/8	1 1/4	S8102	28	02740	\$392.80	02741	\$423.10	83997	\$433.70	84370	\$433.70
8	5/8	1 1/2	S8103	28	02750	\$361.50	02751	\$391.80	83998	\$402.40	84371	\$402.40
8	11/16	1 1/4	S8112	28	02760	\$412.50	02761	\$445.80	83999	\$457.50	84372	\$457.50
8	11/16	1 1/2	S8113	28	02770	\$412.50	02771	\$445.80	84000	\$457.50	84373	\$457.50
8	3/4	1 1/4	S8122	28	02780	\$427.00	02781	\$460.30	84001	\$472.00	84374	\$472.00
8	3/4	1 1/2	S8123	28	02790	\$390.70	02791	\$424.00	84002	\$435.70	84375	\$435.70
8	13/16	1 1/4	S8132	28	02800	\$453.80	02801	\$490.10	84003	\$502.80	84376	\$502.80
8	13/16	1 1/2	S8133	28	02810	\$453.80	02811	\$490.10	84004	\$502.80	84377	\$502.80
8	7/8	1 1/4	S8142	28	02820	\$463.80	02821	\$500.10	84005	\$512.80	84378	\$512.80
8	7/8	1 1/2	S8143	28	02830	\$445.50	02831	\$481.80	84006	\$494.50	84379	\$494.50
8	15/16	1 1/4	S8152	28	02840	\$475.40	02841	\$514.70	84007	\$528.50	84380	\$528.50
8	15/16	1 1/2	S8153	28	02850	\$475.40	02851	\$514.70	84008	\$528.50	84381	\$528.50
8	1	1 1/4	S8162	28	02860	\$490.30	02861	\$529.60	84009	\$543.40	84382	\$543.40
8	1	1 1/2	S8163	28	02870	\$482.10	02871	\$521.40	84010	\$535.20	84383	\$535.20
9	1/4	1 1/4	S9042	28	02880	\$365.30	02881	\$407.10	84011	\$419.60	84384	\$419.60
9	1/4	1 1/2	S9043	28	02890	\$365.30	02891	\$407.10	84012	\$419.60	84385	\$419.60
9	5/16	1 1/4	S9052	28	02900	\$402.30	02901	\$450.50	84013	\$465.00	84386	\$465.00
9	5/16	1 1/2	S9053	28	02910	\$402.30	02911	\$450.50	84014	\$465.00	84387	\$465.00
9	3/8	1 1/4	S9062	28	02920	\$412.40	02921	\$460.60	84015	\$475.10	84388	\$475.10
9	3/8	1 1/2	S9063	28	02930	\$412.40	02931	\$460.60	84016	\$475.10	84389	\$475.10
9	7/16	1 1/4	S9072	28	02940	\$465.80	02941	\$520.40	84017	\$536.80	84390	\$536.80
9	7/16	1 1/2	S9073	28	02950	\$465.80	02951	\$520.40	84018	\$536.80	84391	\$536.80
9	1/2	1 1/4	S9082	28	02960	\$471.00	02961	\$525.60	84019	\$542.00	84392	\$542.00
9	1/2	1 1/2	S9083	28	02970	\$471.00	02971	\$525.60	84020	\$542.00	84393	\$542.00
9	9/16	1 1/4	S9092	28	02980	\$515.40	02981	\$576.50	84021	\$594.80	84394	\$594.80
9	9/16	1 1/2	S9093	28	02990	\$515.40	02991	\$576.50	84022	\$594.80	84395	\$594.80
9	5/8	1 1/4	S9102	28	03000	\$517.80	03001	\$578.90	84023	\$597.20	84396	\$597.20
9	5/8	1 1/2	S9103	28	03010	\$517.80	03011	\$578.90	84024	\$597.20	84397	\$597.20
9	11/16	1 1/4	S9112	28	03020	\$543.50	03021	\$611.00	84025	\$631.30	84398	\$631.30
9	11/16	1 1/2	S9113	28	03030	\$543.50	03031	\$611.00	84026	\$631.30	84399	\$631.30
9	3/4	1 1/4	S9122	28	03040	\$559.20	03041	\$626.70	84027	\$647.00	84400	\$647.00
9	3/4	1 1/2	S9123	28	03050	\$559.20	03051	\$626.70	84028	\$647.00	84401	\$647.00
9	13/16	1 1/4	S9132	28	03060	\$585.10	03061	\$662.20	84029	\$685.40	84402	\$685.40
9	13/16	1 1/2	S9133	28	03070	\$585.10	03071	\$662.20	84030	\$685.40	84403	\$685.40
9	7/8	1 1/4	S9142	28	03080	\$596.70	03081	\$673.80	84031	\$697.00	84404	\$697.00
9	7/8	1 1/2	S9143	28	03090	\$596.70	03091	\$673.80	84032	\$697.00	84405	\$697.00
9	15/16	1 1/4	S9152	28	03100	\$616.80	03101	\$703.60	84033	\$729.60	84406	\$729.60
9	15/16	1 1/2	S9153	28	03110	\$616.80	03111	\$703.60	84034	\$729.60	84407	\$729.60
9	1	1 1/4	S9162	28	03120	\$626.90	03121	\$713.70	84035	\$739.70	84408	\$739.70
9	1	1 1/2	S9163	28	03130	\$626.90	03131	\$713.70	84036	\$739.70	84409	\$739.70
10	3/16	1 1/2	S10033	32	03140	\$459.90	03139	\$514.20	84037	\$530.50	84410	\$530.50
10	7/32	1 1/2	S10733	32	03150	\$487.80	03153	\$542.10	84038	\$558.40	84411	\$558.40
10	1/4	1 1/2	S10043	32	03160	\$440.10	03159	\$494.40	84039	\$510.70	84412	\$510.70
10	9/32	1 1/2	S10743	32	03170	\$492.10	03171	\$554.80	84040	\$573.60	84413	\$573.60
10	5/16	1 1/2	S10053	32	03180	\$440.10	03181	\$502.80	84041	\$521.60	84414	\$521.60
10	11/32	1 1/2	S10753	32	03190	\$524.10	03192	\$586.80	84042	\$605.60	84415	\$605.60

Continued on Next Page

# Niagara Cutter

## Staggered Tooth

## HSS Milling Cutter



### “S” Style

- General Purpose
- Ideal for Deep Slotting
- Alternate tooth design allows excellent chip removal
- Refer to page 183 for interlocking set information

Price Code D

Continuation

**TiN**  
Recommended

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★		TiCN EDP	TiCN List	TiAIN EDP	TiAIN List
					EDP	List	EDP	List				
10	3/8	1 1/2	S10063	32	03200	\$526.10	03202	\$588.80	84043	\$607.60	84416	\$607.60
10	13/32	1 1/2	S10763	32	03210	\$566.20	03211	\$637.20	84044	\$658.60	84417	\$658.60
10	7/16	1 1/2	S10073	32	03220	\$468.40	03221	\$539.40	84045	\$560.80	84418	\$560.80
10	15/32	1 1/2	S10773	32	03230	\$590.60	03231	\$661.60	84046	\$683.00	84419	\$683.00
10	1/2	1 1/2	S10083	32	03240	\$586.40	03241	\$657.40	84047	\$678.80	84420	\$678.80
10	17/32	1 1/2	S10783	32	03250	\$634.60	03251	\$714.00	84048	\$737.80	84421	\$737.80
10	9/16	1 1/2	S10093	32	03260	\$613.40	03261	\$692.80	84049	\$716.60	84422	\$716.60
10	5/8	1 1/2	S10103	32	03270	\$638.20	03271	\$717.60	84050	\$741.40	84423	\$741.40
10	11/16	1 1/2	S10113	32	03280	\$658.30	03281	\$746.10	84051	\$772.40	84424	\$772.40
10	3/4	1 1/2	S10123	32	03290	\$660.80	03291	\$748.60	84052	\$774.90	84425	\$774.90
10	13/16	1 1/2	S10133	32	03300	\$712.30	03301	\$812.60	84053	\$842.70	84426	\$842.70
10	7/8	1 1/2	S10143	32	03310	\$730.00	03311	\$830.30	84054	\$860.40	84427	\$860.40
10	15/16	1 1/2	S10153	32	03320	\$766.00	03321	\$878.80	84055	\$912.70	84428	\$912.70
10	1	1 1/2	S10163	32	03330	\$782.10	03331	\$894.90	84056	\$928.80	84429	\$928.80
12	5/16	1 1/2	S12053	36	03340	\$652.40	03342	\$743.00	84057	\$770.20	84430	\$770.20
12	11/32	1 1/2	S12753	36	03350	\$680.80	03351	\$771.40	84058	\$798.60	84431	\$798.60
12	3/8	1 1/2	S12063	36	03360	\$664.50	03362	\$755.10	84059	\$782.30	84432	\$782.30
12	13/32	1 1/2	S12763	36	03370	\$704.80	03371	\$807.50	84060	\$838.30	84433	\$838.30
12	7/16	1 1/2	S12073	36	03380	\$718.10	03381	\$820.80	84061	\$851.60	84434	\$851.60
12	15/32	1 1/2	S12773	36	03390	\$731.00	03391	\$833.70	84062	\$864.50	84435	\$864.50
12	1/2	1 1/2	S12083	36	03400	\$706.80	03401	\$809.50	84063	\$840.30	84436	\$840.30
12	17/32	1 1/2	S12783	36	03410	\$773.20	03411	\$888.00	84064	\$922.50	84437	\$922.50
12	9/16	1 1/2	S12093	36	03420	\$767.70	03421	\$882.50	84065	\$917.00	84438	\$917.00
12	5/8	1 1/2	S12103	36	03430	\$784.10	03431	\$898.90	84066	\$933.40	84439	\$933.40
12	11/16	1 1/2	S12113	36	03440	\$789.70	03441	\$916.60	84067	\$954.70	84440	\$954.70
12	3/4	1 1/2	S12123	36	03450	\$816.70	03451	\$943.60	84068	\$981.70	84441	\$981.70
12	13/16	1 1/2	S12133	36	03460	\$881.30	03461	\$1,026.30	84069	\$1,069.80	84442	\$1,069.80
12	7/8	1 1/2	S12143	36	03470	\$888.60	03471	\$1,033.60	84070	\$1,077.10	84443	\$1,077.10
12	15/16	1 1/2	S12153	36	03480	\$920.00	03481	\$1,083.20	84071	\$1,132.10	84444	\$1,132.10
12	1	1 1/2	S12163	36	03490	\$933.00	03491	\$1,096.20	84072	\$1,145.10	84445	\$1,145.10