

## REGULAR LENGTH - 4 FLUTE - SQUARE END - 30° HELIX

**SERIES 105**  
UNCOATED



**SERIES 995**  
ALTiN COATED



**SERIES 905**  
TiCN COATED



**TAKE 55%  
OFF LIST  
PRICES**

SIZE	SHANK DIA.	LENGTH OF CUT	OVERALL LENGTH	UNCOATED	LIST PRICE	ALTiN	LIST PRICE	TiCN	LIST PRICE
1/64	1/8	1/32	1-1/2	TC10501	25.13	TC99501	33.67	TC90501	33.67
1/32	1/8	1/8	1-1/2	TC10502	16.83	TC99502	22.75	TC90502	22.75
3/64	1/8	1/8	1-1/2	TC10503	14.39	TC99503	19.39	TC90503	19.39
1/16	1/8	1/4	1-1/2	TC10504	14.35	TC99504	16.48	TC90504	16.48
5/64	1/8	1/4	1-1/2	TC10505	14.81	TC99505	19.99	TC90505	19.99
3/32	1/8	3/8	1-1/2	TC10506	13.04	TC99506	16.48	TC90506	16.48
7/64	1/8	3/8	1-1/2	TC10507	13.61	TC99507	18.36	TC90507	18.36
1/8	1/8	1/2	1-1/2	TC10508	12.51	TC99508	15.31	TC90508	15.31
9/64	3/16	9/16	2	TC10509	18.32	TC99509	24.74	TC90509	24.74
5/32	3/16	9/16	2	TC10510	18.43	TC99510	21.37	TC90510	21.37
11/64	3/16	5/8	2	TC10511	17.51	TC99511	23.67	TC90511	23.67
3/16	3/16	5/8	2	TC10512	17.05	TC99512	21.37	TC90512	21.37
13/64	1/4	5/8	2-1/2	TC10513	24.88	TC99513	32.61	TC90513	32.61
7/32	1/4	5/8	2-1/2	TC10514	25.41	TC99514	29.52	TC90514	29.52
15/64	1/4	3/4	2-1/2	TC10515	28.71	TC99515	37.00	TC90515	37.00
1/4	1/4	3/4	2-1/2	TC10516	21.05	TC99516	29.52	TC90516	29.52
17/64	5/16	3/4	2-1/2	TC10517	37.96	TC99517	48.77	TC90517	48.77
9/32	5/16	3/4	2-1/2	TC10518	37.96	TC99518	48.77	TC90518	48.77
19/64	5/16	13/16	2-1/2	TC10519	37.96	TC99519	48.77	TC90519	48.77
5/16	5/16	13/16	2-1/2	TC10520	27.40	TC99520	35.33	TC90520	35.33
21/64	3/8	1	2-1/2	TC10521	42.56	TC99521	54.72	TC90521	54.72
11/32	3/8	1	2-1/2	TC10522	42.56	TC99522	54.72	TC90522	54.72
23/64	3/8	1	2-1/2	TC10523	42.56	TC99523	54.72	TC90523	54.72
3/8	3/8	1	2-1/2	TC10524	32.68	TC99524	40.40	TC90524	40.40
25/64	7/16	1	2-3/4	TC10525	55.71	TC99525	71.91	TC90525	71.91
13/32	7/16	1	2-3/4	TC10526	55.71	TC99526	71.91	TC90526	71.91
27/64	7/16	1	2-3/4	TC10527	57.52	TC99527	74.28	TC90527	74.28
7/16	7/16	1	2-3/4	TC10528	50.15	TC99528	61.74	TC90528	61.74
29/64	1/2	1	3	TC10529	82.79	TC99529	105.97	TC90529	105.97
15/32	1/2	1	3	TC10530	82.79	TC99530	105.97	TC90530	105.97
31/64	1/2	1	3	TC10531	82.79	TC99531	105.97	TC90531	105.97
1/2	1/2	1	3	TC10532	60.21	TC99532	75.13	TC90532	75.13
1/2	1/2	1-1/4	3	TC10533	60.21	TC99533	75.13	TC90533	75.13
9/16	9/16	1-1/4	3-1/2	TC10536	113.80	TC99536	150.27	TC90536	150.27
5/8	5/8	1-1/4	3-1/2	TC10540	115.11	TC99540	146.76	TC90540	146.76
3/4	3/4	1-1/2	4	TC10548	161.68	TC99548	208.25	TC90548	208.25
7/8	7/8	1-1/2	4	TC10556	295.72	TC99556	374.29	TC90556	374.29
1	1	1-1/2	4	TC10564	272.20	TC99564	348.17	TC90564	348.17
1-1/4	1-1/4	2	4-1/2	TC10580	929.43	TC99580	1,056.16	TC90580	1,056.16

FOR COATING INFORMATION SEE PAGE 5. FOR TECHNICAL INFORMATION SEE PAGES 198, 200-201.

TOLERANCES	DIAMETER	SHANK
1/64" - 7/64"	+0.00, -0.01	-0.001, -.0004
1/8" - 1/2"	+0.00, -0.002	-0.001, -.0004
9/16" - 1-1/4"	+0.00, -0.003	-0.001, -.0004

**TAKE 55%  
OFF LIST  
PRICES**

**LONG LENGTH - 4 FLUTE - SQUARE END - 30° HELIX**



**SERIES 155**  
UNCOATED



**SERIES 156**  
ALTIN COATED



**SERIES 955**  
TICN COATED

SIZE	SHANK DIA.	LENGTH OF CUT	OVERALL LENGTH	UNCOATED	LIST PRICE	ALTIN	LIST PRICE	TICN	LIST PRICE
1/8	1/8	3/4	2-1/4	TC15508	20.20	TC15608	25.98	TC95508	25.98
3/16	3/16	3/4	2-1/2	TC15512	23.71	TC15612	30.48	TC95512	30.48
1/4	1/4	1-1/8	3	TC15516	33.95	TC15616	43.77	TC95516	43.77
1/4	1/4	1	4	TC15517	35.76	TC15617	46.11	TC95517	46.11
5/16	5/16	1-1/8	3	TC15520	38.31	TC15620	51.71	TC95520	51.71
3/8	3/8	1-1/8	3	TC15524	43.95	TC15624	59.33	TC95524	59.33
3/8	3/8	1	4	TC15525	51.32	TC15625	66.03	TC95525	66.03
7/16	7/16	2	4	TC15528	69.25	TC15628	90.05	TC95528	90.05
1/2	1/2	1	4	TC15532	77.18	TC15632	99.39	TC95532	99.39
1/2	1/2	2	4	TC15533	81.74	TC15633	104.90	TC95533	104.90
5/8	5/8	2-1/4	5	TC15540	177.52	TC15640	219.70	TC95540	219.70
3/4	3/4	2-1/4	5	TC15548	245.18	TC15648	296.80	TC95548	296.80
7/8	7/8	2-1/4	5	TC15556	464.70	TC15656	549.19	TC95556	549.19
1	1	2-1/4	5	TC15564	335.66	TC15664	433.22	TC95564	433.22

**EXTRA LONG LENGTH - 4 FLUTE - SQUARE END - 30° HELIX**



**SERIES 175**  
UNCOATED



**SERIES 176**  
ALTIN COATED



**SERIES 975**  
TICN COATED

SIZE	SHANK DIA.	LENGTH OF CUT	OVERALL LENGTH	UNCOATED	LIST PRICE	ALTIN	LIST PRICE	TICN	LIST PRICE
1/8	1/8	1	3	TC17508	22.58	TC17608	30.48	TC97508	30.48
3/16	3/16	1-1/8	3	TC17512	24.56	TC17612	31.54	TC97512	31.54
1/4	1/4	1-1/2	4	TC17516	34.70	TC17616	44.69	TC97516	44.69
1/4	1/4	1-1/2	6	TC17517	46.92	TC17617	60.36	TC97517	60.36
5/16	5/16	1-5/8	4	TC17520	47.35	TC17620	61.10	TC97520	61.10
3/8	3/8	1-3/4	4	TC17524	53.76	TC17624	68.86	TC97524	68.86
3/8	3/8	1-1/2	6	TC17525	81.41	TC17625	104.94	TC97525	104.94
7/16	7/16	3	6	TC17528	109.65	TC17628	140.59	TC97528	140.59
1/2	1/2	1-1/2	6	TC17532	123.90	TC17632	153.78	TC97532	153.78
1/2	1/2	3	6	TC17533	130.07	TC17633	159.94	TC97533	159.94
5/8	5/8	3	6	TC17540	191.56	TC17640	235.50	TC97540	235.50
3/4	3/4	3	6	TC17548	284.69	TC17648	334.31	TC97548	334.31
3/4	3/4	4	7	TC17549	488.58	TC17649	553.87	TC97549	553.87
7/8	7/8	3	6	TC17556	506.94	TC17656	633.71	TC97556	633.71
1	1	3	6	TC17564	483.30	TC17664	539.53	TC97564	539.53
1	1	4	7	TC17565	633.57	TC17665	777.67	TC97565	777.67

FOR COATING INFORMATION SEE PAGE 5. FOR TECHNICAL INFORMATION SEE PAGES 198, 200-201.

TOLERANCES	DIAMETER	SHANK
1/8" - 1/2"	+0.000, -0.002	-0.0001, -0.0004
5/8" - 1"	+0.000, -0.003	-0.0001, -0.0004