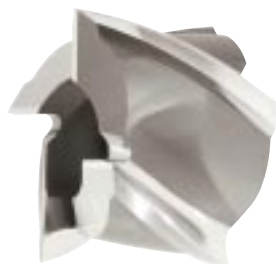


HSS Shell End Mill

Right-Hand Cut Aluminum Cutting



SMAL

- Deep Gullet Space
- Excellent for Non-Ferrous Materials
- High Rake and Polished Flutes

TiN
Recommended

Price Code D

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN		TiCN EDP	TiCN List	TiAlN EDP	TiAlN List
					EDP	List	EDP	List				
1 1/4	1	1/2	RA1257	4	09850	\$60.70	09851	\$70.00	19532	\$73.20	19540	\$73.20
1 1/2	1 1/8	1/2	RA1507	4	09860	\$62.20	09861	\$71.90	19533	\$75.30	19541	\$75.30
2	1 3/8	3/4	RA2009	4	09870	\$84.90	09871	\$95.10	19534	\$98.60	19542	\$98.60
2 1/2	1 5/8	1	RA2501	4	09880	\$113.50	09881	\$127.80	19535	\$132.80	19543	\$132.80
3	1 3/4	1 1/4	RA3002	6	09890	\$155.40	09891	\$175.40	19536	\$182.40	19544	\$182.40
4	2 1/4	1 1/2	RA4003	6	09900	\$249.00	09901	\$276.20	19537	\$285.80	19545	\$285.80
5	2 1/4	1 1/2	RA5003	8	09910	\$420.80	09911	\$453.50	19538	\$464.90	19546	\$464.90
6	2 1/4	2	RA6004	8	09920	\$613.00	09921	\$651.50	19539	\$664.90	19547	\$664.90

HSS Slitting Saw

Straight Side Tooth



“MT” Style

- Excellent for Slotting and Plunging
- Fully Ground Surfaces
- Recommended for Thin Walled Parts

TiN
Recommended

Price Code D

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN		TiCN EDP	TiCN List	TiAlN EDP	TiAlN List
					EDP	List	EDP	List				
2 1/2	1/16	7/8	MT25010	28	08300	\$40.30	08301	\$44.20	80402	\$45.50	80528	\$45.50
2 1/2	3/32	7/8	MT25710	28	08310	\$40.30	08311	\$44.20	80403	\$45.50	80529	\$45.50
2 1/2	1/8	7/8	MT25020	28	08320	\$40.30	08321	\$44.20	80404	\$45.50	80530	\$45.50
3	1/16	1	MT3011	32	08330	\$48.40	08331	\$56.00	80405	\$58.60	80531	\$58.60
3	5/64	1	MT3511	32	08336	\$62.90	08337	\$70.50	80406	\$73.10	80532	\$73.10
3	3/32	1	MT3711	32	08340	\$48.40	08341	\$56.00	80407	\$58.60	80533	\$58.60
3	7/64	1	MT3921	32	08346	\$63.40	08347	\$71.00	80408	\$73.60	80534	\$73.60
3	1/8	1	MT3021	32	08350	\$48.40	08351	\$56.00	80409	\$58.60	80535	\$58.60
3	9/64	1	MT3521	32	08356	\$64.90	08357	\$72.50	80410	\$75.10	80536	\$75.10
3	5/32	1	MT3721	32	08360	\$48.40	08361	\$56.00	80411	\$58.60	80537	\$58.60
3	11/64	1	MT3931	32	08366	\$69.10	08367	\$76.70	80412	\$79.30	80538	\$79.30
3	3/16	1	MT3031	32	08370	\$70.60	08371	\$78.20	80413	\$80.80	80539	\$80.80
3	13/64	1	MT3531	32	08376	\$72.60	08377	\$80.20	80414	\$82.80	80540	\$82.80
3	7/32	1	MT3731	32	08380	\$71.00	08381	\$78.60	80415	\$81.20	80541	\$81.20
3	15/64	1	MT3941	32	08386	\$73.40	08387	\$81.00	80416	\$83.60	80542	\$83.60
3	1/4	1	MT3041	32	08390	\$71.20	08391	\$78.80	80417	\$81.40	80543	\$81.40
4	1/16	1	MT4011	36	08400	\$63.30	08401	\$73.60	80418	\$77.20	80544	\$77.20
4	1/16	1 1/4	MT4012	36	08410	\$82.90	08411	\$93.20	80419	\$96.80	80545	\$96.80
4	5/64	1	MT4511	36	08412	\$87.10	08413	\$97.40	80420	\$101.00	80546	\$101.00
4	5/64	1 1/4	MT4512	36	08416	\$87.10	08417	\$97.40	80421	\$101.00	80547	\$101.00
4	3/32	1	MT4711	36	08420	\$63.30	08421	\$73.60	80422	\$77.20	80548	\$77.20
4	3/32	1 1/4	MT4712	36	08430	\$82.70	08431	\$93.00	80423	\$96.60	80549	\$96.60
4	7/64	1	MT4921	36	08432	\$90.40	08433	\$100.70	80424	\$104.30	80550	\$104.30
4	7/64	1 1/4	MT4922	36	08436	\$90.40	08437	\$100.70	80425	\$104.30	80551	\$104.30
4	1/8	1	MT4021	36	08440	\$63.70	08441	\$74.00	80426	\$77.60	80552	\$77.60
4	1/8	1 1/4	MT4022	36	08450	\$86.00	08451	\$96.30	80427	\$99.90	80553	\$99.90

Continued on Next Page

Niagara Cutter

Straight Side Tooth

HSS Slitting Saw



“MT” Style

- Excellent for Slotting and Plunging
- Fully Ground Surfaces
- Recommended for Thin Walled Parts

Price Code D		Continuation				TiN Recommended						
Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated EDP	Uncoated List	TiN EDP	TiN List	TiCN EDP	TiCN List	TiAIN EDP	TiAIN List
4	9/64	1	MT4521	36	08452	\$93.40	08453	\$103.70	80428	\$107.30	80554	\$107.30
4	9/64	1 1/4	MT4522	36	08456	\$93.40	08457	\$103.70	80429	\$107.30	80555	\$107.30
4	5/32	1	MT4721	36	08460	\$66.10	08461	\$76.40	80430	\$80.00	80556	\$80.00
4	5/32	1 1/4	MT4722	36	08470	\$89.80	08471	\$100.10	80431	\$103.70	80557	\$103.70
4	11/64	1	MT4931	36	08472	\$96.10	08473	\$106.40	80432	\$110.00	80558	\$110.00
4	11/64	1 1/4	MT4932	36	08476	\$96.10	08477	\$106.40	80433	\$110.00	80559	\$110.00
4	3/16	1	MT4031	36	08480	\$68.50	08481	\$78.80	80434	\$82.40	80560	\$82.40
4	3/16	1 1/4	MT4032	36	08490	\$85.90	08491	\$96.20	80435	\$99.80	80561	\$99.80
4	13/64	1	MT4531	36	08492	\$98.50	08493	\$108.80	80436	\$112.40	80562	\$112.40
4	13/64	1 1/4	MT4532	36	08496	\$98.50	08497	\$108.80	80437	\$112.40	80563	\$112.40
4	7/32	1	MT4731	36	08500	\$92.20	08501	\$102.50	80438	\$106.10	80564	\$106.10
4	7/32	1 1/4	MT4732	36	08510	\$92.20	08511	\$102.50	80439	\$106.10	80565	\$106.10
4	15/64	1	MT4941	36	08512	\$99.70	08513	\$110.00	80440	\$113.60	80566	\$113.60
4	15/64	1 1/4	MT4942	36	08516	\$99.70	08517	\$110.00	80441	\$113.60	80567	\$113.60
4	1/4	1	MT4041	36	08520	\$93.80	08521	\$104.10	80442	\$107.70	80568	\$107.70
4	1/4	1 1/4	MT4042	36	08530	\$93.80	08531	\$104.10	80443	\$107.70	80569	\$107.70
5	1/16	1	MT5011	40	08540	\$80.80	08541	\$93.90	80444	\$98.50	80570	\$98.50
5	1/16	1 1/4	MT5012	40	08550	\$102.30	08551	\$115.40	80445	\$120.00	80571	\$120.00
5	3/32	1	MT5711	40	08560	\$83.30	08561	\$96.40	80446	\$101.00	80572	\$101.00
5	3/32	1 1/4	MT5712	40	08570	\$107.90	08571	\$121.00	80447	\$125.60	80573	\$125.60
5	1/8	1	MT5021	40	08580	\$85.60	08581	\$98.70	80448	\$103.30	80574	\$103.30
5	1/8	1 1/4	MT5022	40	08590	\$85.60	08591	\$98.70	80449	\$103.30	80575	\$103.30
5	5/32	1	MT5721	40	08600	\$88.20	08601	\$101.30	80450	\$105.90	80576	\$105.90
5	5/32	1 1/4	MT5722	40	08610	\$115.80	08611	\$128.90	80451	\$133.50	80577	\$133.50
5	3/16	1	MT5031	40	08620	\$89.90	08621	\$103.00	80452	\$107.60	80578	\$107.60
5	3/16	1 1/4	MT5032	40	08630	\$114.80	08631	\$127.90	80453	\$132.50	80579	\$132.50
5	7/32	1	MT5731	40	08640	\$116.40	08641	\$129.50	80454	\$134.10	80580	\$134.10
5	7/32	1 1/4	MT5732	40	08650	\$116.40	08651	\$129.50	80455	\$134.10	80581	\$134.10
5	1/4	1	MT5041	40	08660	\$122.00	08661	\$135.10	80456	\$139.70	80582	\$139.70
5	1/4	1 1/4	MT5042	40	08670	\$122.00	08671	\$135.10	80457	\$139.70	80583	\$139.70
6	1/16	1	MT6011	42	08680	\$98.00	08681	\$113.80	80458	\$119.30	80584	\$119.30
6	1/16	1 1/4	MT6012	42	08690	\$142.80	08691	\$158.60	80459	\$164.10	80585	\$164.10
6	5/64	1	MT6511	42	08692	\$157.60	08693	\$173.40	80460	\$178.90	80586	\$178.90
6	5/64	1 1/4	MT6512	42	08696	\$157.60	08697	\$173.40	80461	\$178.90	80587	\$178.90
6	3/32	1	MT6711	42	08700	\$104.10	08701	\$119.90	80462	\$125.40	80588	\$125.40
6	3/32	1 1/4	MT6712	42	08710	\$153.20	08711	\$169.00	80463	\$174.50	80589	\$174.50
6	7/64	1	MT6921	42	08712	\$157.50	08713	\$173.30	80464	\$178.80	80590	\$178.80
6	7/64	1 1/4	MT6922	42	08716	\$157.50	08717	\$173.30	80465	\$178.80	80591	\$178.80
6	1/8	1	MT6021	42	08720	\$108.90	08721	\$124.70	80466	\$130.20	80592	\$130.20
6	1/8	1 1/4	MT6022	42	08730	\$108.90	08731	\$124.70	80467	\$130.20	80593	\$130.20
6	9/64	1	MT6521	42	08732	\$163.00	08733	\$178.80	80468	\$184.30	80594	\$184.30
6	9/64	1 1/4	MT6522	42	08736	\$163.00	08737	\$178.80	80469	\$184.30	80595	\$184.30
6	5/32	1	MT6721	42	08740	\$157.80	08741	\$173.60	80470	\$179.10	80596	\$179.10
6	5/32	1 1/4	MT6722	42	08750	\$155.00	08751	\$170.80	80471	\$176.30	80597	\$176.30
6	11/64	1	MT6931	42	08752	\$161.30	08753	\$177.10	80472	\$182.60	80598	\$182.60
6	11/64	1 1/4	MT6932	42	08756	\$161.30	08757	\$177.10	80473	\$182.60	80599	\$182.60
6	3/16	1	MT6031	42	08760	\$119.40	08761	\$135.20	80474	\$140.70	80600	\$140.70
6	3/16	1 1/4	MT6032	42	08770	\$119.40	08771	\$135.20	80475	\$140.70	80601	\$140.70
6	13/64	1	MT6531	42	08772	\$164.40	08773	\$180.20	80476	\$185.70	80602	\$185.70
6	13/64	1 1/4	MT6532	42	08776	\$164.40	08777	\$180.20	80477	\$185.70	80603	\$185.70

Continued on Next Page



“MT” Style

- Excellent for Slotting and Plunging
- Fully Ground Surfaces
- Recommended for Thin Walled Parts

TiN
Recommended

Price Code D

Continuation

Diameter	Width	Arbor Hole	Catalog Number	# T	Uncoated		TiN ★ TiN		TiCN EDP	TiCN List	TiAlN EDP	TiAlN List
					EDP	List	EDP	List				
6	7/32	1	MT6731	42	08780	\$152.00	08781	\$167.80	80478	\$173.30	80604	\$173.30
6	7/32	1 1/4	MT6732	42	08790	\$152.00	08791	\$167.80	80479	\$173.30	80605	\$173.30
6	15/64	1	MT6941	42	08792	\$166.90	08793	\$182.70	80480	\$188.20	80606	\$188.20
6	15/64	1 1/4	MT6942	42	08796	\$166.90	08797	\$182.70	80481	\$188.20	80607	\$188.20
6	1/4	1	MT6041	42	08800	\$153.30	08801	\$169.10	80482	\$174.60	80608	\$174.60
6	1/4	1 1/4	MT6042	42	08810	\$153.30	08811	\$169.10	80483	\$174.60	80609	\$174.60
6	17/64	1	MT6541	42	08192	\$174.60	08193	\$192.70	80484	\$199.00	80610	\$199.00
6	17/64	1 1/4	MT6542	42	08196	\$174.60	08197	\$192.70	80485	\$199.00	80611	\$199.00
6	9/32	1	MT6741	42	08200	\$166.80	08201	\$184.90	80486	\$191.20	80612	\$191.20
6	9/32	1 1/4	MT6742	42	08210	\$166.80	08211	\$184.90	80487	\$191.20	80613	\$191.20
6	19/64	1	MT6951	42	08212	\$174.70	08213	\$192.80	80488	\$199.10	80614	\$199.10
6	19/64	1 1/4	MT6952	42	08216	\$174.70	08217	\$192.80	80489	\$199.10	80615	\$199.10
6	5/16	1	MT6051	42	08220	\$169.30	08221	\$187.40	80490	\$193.70	80616	\$193.70
6	5/16	1 1/4	MT6052	42	08230	\$169.30	08231	\$187.40	80491	\$193.70	80617	\$193.70
6	21/64	1	MT6551	42	08232	\$177.40	08233	\$195.50	80492	\$201.80	80618	\$201.80
6	21/64	1 1/4	MT6552	42	08236	\$177.40	08237	\$195.50	80493	\$201.80	80619	\$201.80
6	11/32	1	MT6751	42	08240	\$171.80	08241	\$189.90	80494	\$196.20	80620	\$196.20
6	11/32	1 1/4	MT6752	42	08250	\$171.80	08251	\$189.90	80495	\$196.20	80621	\$196.20
6	23/64	1	MT6961	42	08812	\$184.00	08813	\$202.10	80496	\$208.40	80622	\$208.40
6	23/64	1 1/4	MT6962	42	08816	\$183.30	08817	\$201.40	80497	\$207.70	80623	\$207.70
6	3/8	1	MT6061	42	08820	\$178.10	08821	\$196.20	80498	\$202.50	80624	\$202.50
6	3/8	1 1/4	MT6062	42	08830	\$178.10	08831	\$196.20	80499	\$202.50	80625	\$202.50
7	1/8	1	MT7021	48	08840	\$238.80	08841	\$257.40	80500	\$263.90	80626	\$263.90
7	1/8	1 1/4	MT7022	48	08850	\$238.80	08851	\$257.40	80501	\$263.90	80627	\$263.90
7	3/16	1	MT7031	48	08860	\$238.80	08861	\$257.40	80502	\$263.90	80628	\$263.90
7	3/16	1 1/4	MT7032	48	08870	\$238.80	08871	\$257.40	80503	\$263.90	80629	\$263.90
8	1/8	1	MT8021	48	08880	\$214.00	08881	\$235.30	80504	\$242.80	80630	\$242.80
8	1/8	1 1/4	MT8022	48	08890	\$214.00	08891	\$235.30	80505	\$242.80	80631	\$242.80
8	1/8	1 1/2	MT8023	48	08900	\$267.20	08901	\$288.50	80506	\$296.00	80632	\$296.00
8	5/32	1 1/4	MT8722	48	08910	\$286.10	08911	\$307.40	80507	\$314.90	80633	\$314.90
8	5/32	1 1/2	MT8723	48	08920	\$286.10	08921	\$307.40	80508	\$314.90	80634	\$314.90
8	3/16	1 1/4	MT8032	48	08930	\$226.90	08931	\$248.20	80509	\$255.70	80635	\$255.70
8	3/16	1 1/2	MT8033	48	08940	\$280.90	08941	\$302.20	80510	\$309.70	80636	\$309.70
8	7/32	1 1/4	MT8732	48	08950	\$291.10	08951	\$312.40	80511	\$319.90	80637	\$319.90
8	7/32	1 1/2	MT8733	48	08960	\$291.10	08961	\$312.40	80512	\$319.90	80638	\$319.90
8	1/4	1 1/4	MT8042	48	08970	\$282.70	08971	\$304.00	80513	\$311.50	80639	\$311.50
8	1/4	1 1/2	MT8043	48	08980	\$308.70	08981	\$330.00	80514	\$337.50	80640	\$337.50
8	3/8	1 1/4	MT8062	48	08990	\$325.00	08991	\$349.30	80515	\$357.80	80641	\$357.80
8	3/8	1 1/2	MT8063	48	09000	\$329.30	09001	\$353.60	80516	\$362.10	80642	\$362.10
10	3/16	1 1/4	MT10032	56	09010	\$466.70	09011	\$521.00	80517	\$537.30	80643	\$537.30
10	3/16	1 1/2	MT10033	56	09020	\$466.70	09021	\$521.00	80518	\$537.30	80644	\$537.30
10	7/32	1 1/4	MT10732	56	09030	\$492.40	09031	\$546.70	80519	\$563.00	80645	\$563.00
10	7/32	1 1/2	MT10733	56	09040	\$492.40	09041	\$546.70	80520	\$563.00	80646	\$563.00
10	1/4	1 1/4	MT10042	56	09050	\$443.40	09051	\$497.70	80521	\$514.00	80647	\$514.00
10	1/4	1 1/2	MT10043	56	09060	\$488.40	09061	\$542.70	80522	\$559.00	80648	\$559.00
10	3/8	1 1/4	MT10062	56	09070	\$541.00	09071	\$603.70	80523	\$622.50	80649	\$622.50
10	3/8	1 1/2	MT10063	56	09080	\$541.00	09081	\$603.70	80524	\$622.50	80650	\$622.50
12	1/4	1 1/2	MT12043	64	09090	\$575.90	09091	\$654.50	80525	\$678.00	80651	\$678.00
12	5/16	1 1/2	MT12053	64	09100	\$671.80	09101	\$762.40	80526	\$789.60	80652	\$789.60
12	3/8	1 1/2	MT12063	64	09110	\$717.80	09111	\$808.40	80527	\$835.60	80653	\$835.60