



**8"-18" Overall Length**



- High speed steel
- 118° point
- Taper shank

EXTRA LENGTH DRILLS																
Size	Morse		Flute Length	8" OAL		Flute 10" OAL		Flute 12" OAL		Flute 14" OAL		Flute 15" OAL		Flute 18" OAL		
	Dec.	Taper		Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	
1/8	0.1250	1	5	114-471	62.70			9	114-512	80.00						
9/64	0.1406	1	5	114-472	65.80											
5/32	0.1562	1	5	114-473	65.80	7	114-489	67.50	9							
11/64	0.1719	1	5	114-474	65.80	7	114-490	68.90	9	114-513	81.10					
3/16	0.1875	1	5	114-475	65.80				9	114-514	81.10		12	114-588	108.10	
13/64	0.2031	1	5	114-476	65.80	7	114-491	71.10	9	114-515	83.00		12	114-589	108.10	
7/32	0.2188	1	5	114-477	65.80	7	114-492	71.10	9	114-516	83.00		12	114-590	108.10	
15/64	0.2344	1	5	114-478	65.80	7	114-493	71.10	9	114-517	83.00		12	114-591	108.10	
1/4	0.2500	1	5	114-479	58.70	7	114-494	71.10	9	114-518	83.00		12	114-592	108.10	
17/64	0.2656	1	5	114-480	71.20				9	114-519	90.80		12	114-593	114.20	
9/32	0.2812	1	5	114-481	63.60	7	114-495	77.60	9	114-520	90.80		12	114-594	114.20	
19/64	0.2969	1	5	114-482	71.20	7	114-496	77.60	9	114-521	90.80		12	114-595	120.20	
5/16	0.3125	1	5	114-483	63.60				9	114-522	90.80		12	114-596	120.20	
21/64	0.3281	1	5	114-484	71.40	7	114-497	84.00	9	114-523	98.90		12	114-597	126.20	
11/32	0.3438	1	5	114-485	80.10				9	114-524	98.90		12	114-598	126.20	
23/64	0.3594	1	5	114-486	82.30	7	114-498	86.50	9	114-525	101.70		12	114-599	140.50	
3/8	0.3750	1	5	114-487	82.30	7	114-499	86.50	9	114-526	101.70		12	114-600	140.50	
25/64	0.3906	1							9	114-527	106.70		12	114-601	140.50	
13/32	0.4062	1							9	114-528	106.70		12	114-602	140.50	
27/64	0.4219	1							9	114-529	110.40		12	114-603	140.50	
7/16	0.4375	1				7	114-500	92.00	9	114-530	110.40		12	114-604	140.50	
29/64	0.4531	1				7	114-501	101.10	9	114-531	118.90	11	114-605	144.10		
15/32	0.4688	1	5	114-488	90.60	7	114-502	97.40	9	114-532	114.60	11	114-606	146.20		
31/64	0.4844	2				6	114-503	111.60	8	114-533	131.20	10	114-607	146.20		
1/2	0.5000	2				6	114-504	107.70	8	114-534	126.60	10	114-608	146.20		
33/64	0.5156	2				6	114-505	111.60	8	114-535	131.20	10	114-609	146.20		
17/32	0.5312	2				6	114-506	107.70	8	114-536	127.10	10	114-610	148.30		
35/64	0.5469	2				6	114-507	109.10	8	114-537	133.10	10	114-611	148.30		
9/16	0.5625	2				6	114-508	109.10	8	114-538	128.40	10	114-612	150.40		
37/64	0.5781	2				6	114-509	114.60	8	114-539	134.90	10	114-613	150.40		
19/32	0.5938	2				6	114-510	110.60	8	114-540	130.00	10	114-614	160.90		
39/64	0.6094	2				6	114-511	117.90	8	114-541	143.80	10	114-615	160.90		
5/8	0.6250	2							8	114-542	138.40	10	114-616	160.90		
41/64	0.6406	2							8	114-543	148.30	10	114-617	171.80		
21/32	0.6562	2							8	114-544	148.30	10	114-618	171.80		
43/64	0.6719	2							8	114-545	161.60	10	114-619	188.30		
11/16	0.6875	2							8	114-546	161.60	10	114-620	188.30		
45/64	0.7031	2							8	114-547	172.40	10	114-621	199.10		
23/32	0.7188	2							8	114-548	172.40	10	114-622	199.10		
47/64	0.7344	2							8	114-549	179.20	10	114-623	208.70		
3/4	0.7500	2							8	114-550	179.20	10	114-624	208.70		
49/64	0.7656	2							8	114-551	189.20	10	114-625	220.10		
25/32	0.7812	2							8	114-552	189.20	10	114-626	220.10		
51/64	0.7969	3							7	114-553	199.70	10	114-627	220.10		
13/16	0.8125	3							7	114-554	199.70	10	114-628	220.10		
53/64	0.8281	3							7	114-555	199.70	10	114-629	220.10		
27/32	0.8438	3							7	114-556	199.70	9	114-630	220.10		
55/64	0.8594	3							7	114-557	199.70	10	114-631	220.10		
7/8	0.8750	3							7	114-558	199.70	9	114-632	247.70		
57/64	0.8906	3							7	114-559	219.50	9	114-633	247.70		
29/32	0.9062	3							7	114-560	219.50	10	114-634	247.70		
59/64	0.9219	3							7	114-561	226.60	10	114-635	260.40		
15/16	0.9375	3							7	114-562	226.60	10	114-636	264.30		
61/64	0.9531	3										10	114-637	264.30		
31/32	0.9688	3							7	114-563	237.50	9	114-638	267.60		
63/64	0.9844	3										9	114-639	267.60		
1	1.0000	3							7	114-564	239.20	10	114-640	269.00		
1-1/32	1.0312	3										10	114-641	273.90		
1-3/64	1.0469	3										10	114-642	269.00		
1-1/16	1.0625	3										10	114-643	288.20		
1-5/64	1.0781	4										9	114-644	288.20		
1-3/32	1.0938	4										10*	114-645	288.20		
1-1/8	1.1250	4										10*	114-646	293.90		
1-5/32	1.1562	4										10*	114-647	297.20		
1-11/64	1.1719	4										10*	114-648	297.20		
1-3/16	1.1875	4										10*	114-649	320.00		

# EXTRA LENGTH TAPER SHANK DRILLS



## 8"-18" Overall Length

### EXTRA LENGTH TAPER SHANK DRILLS

Size	Dec. Equiv.	Morse Taper No.	Flute 8" OAL		Flute 10" OAL		Flute 12" OAL		Flute 14" OAL		Flute 15" OAL		Flute 18" OAL			
			Length	Code No.	Price \$	Length	Code No.	Price \$	Length	Code No.	Price \$	Length	Code No.	Price \$	Length	Code No.
1-7/32	1.2188	4									9	114-649	315.20	12	114-709	378.20
1-15/64	1.2344	4												12	114-710	378.20
1-1/4	1.2500	4									9	114-650	315.20	12	114-711	378.20
1-9/32	1.2813	4												12	114-712	428.00
1-5/16	1.3125	4												12	114-713	428.00
1-11/32	1.3438	4												12	114-714	479.60
1-23/64	1.3594	4												12	114-715	479.60
1-3/8	1.3750	4												12	114-716	479.60
1-13/32	1.4062	4												12	114-717	494.10
1-7/16	1.4375	4												12	114-718	494.10
1-15/32	1.4688	4												12	114-719	535.70
1-1/2	1.5000	4												12	114-720	535.70
1-9/16	1.5625	5												10	114-721	596.60
1-5/8	1.6250	5												10	114-722	636.20
1-11/16	1.6875	5												10	114-723	678.80
1-3/4	1.7500	5												10	114-724	761.80
1-7/8	1.8750	5												10	114-725	921.10

## 20"-36" Overall Length

### EXTRA LENGTH TAPER SHANK DRILLS

Size	Dec. Equiv.	Morse Taper No.	Flute Length	20" OAL		Flute 24" OAL		Flute Length	30" OAL		Flute 36" OAL	
				Code No.	Price \$	Code No.	Price \$		Code No.	Price \$	Code No.	Price \$
3/8	0.3750	1				21	114-747	223.60				
25/64	0.3906	1				21	114-748	223.60				
13/32	0.4062	1				21	114-749	223.60				
27/64	0.4219	1				21	114-750	223.60				
7/16	0.4375	1				21	114-751	223.60				
29/64	0.4531	1				21	114-752	223.60				
15/32	0.4688	1				21	114-753	223.60				
31/64	0.4844	2				21	114-754	223.60				
1/2	0.5000	2				20	114-755	223.60				
33/64	0.5156	2	16	114-726	203.20	20	114-756	232.30				
17/32	0.5312	2				20	114-757	232.30				
35/64	0.5469	2				20	114-758	232.30				
9/16	0.5625	2				20	114-759	232.30				
37/64	0.5781	2				20	114-760	232.30				
19/32	0.5938	2				20	114-761	232.30				
39/64	0.6094	2				20	114-762	232.30				
5/8	0.6250	2				20	114-763	232.30				
41/64	0.6406	2				20	114-764	232.30				
21/32	0.6562	2	16	114-727	232.30	20	114-765	232.30				
43/64	0.6719	2				20	114-766	245.50				
11/16	0.6875	2				20	114-767	245.50				
45/64	0.7031	2				20	114-768	253.70				
23/32	0.7188	2				20	114-769	253.70				
47/64	0.7344	2				20	114-770	268.10				
3/4	0.7500	2				20	114-771	268.10	26	114-832	412.70	
49/64	0.7656	2				20	114-772	276.60				
25/32	0.7812	2				20	114-773	276.60				
51/64	0.7969	3				19	114-774	291.30				
13/16	0.8125	3	15	114-728	267.00	19	114-775	291.30	25	114-833	486.10	
53/64	0.8281	3				19	114-776	335.20				
27/32	0.8438	3	15	114-729	309.30	19	114-777	335.20				
55/64	0.8594	3				19	114-778	350.40				
7/8	0.8750	3	15	114-730	295.50	19	114-779	350.40	25	114-834	557.50	
57/64	0.8906	3				19	114-780	350.40				
29/32	0.9062	3	15	114-731	300.10	19	114-781	350.40				
59/64	0.9219	3				19	114-782	365.00				
15/16	0.9375	3	15	114-732	300.10	19	114-783	365.00	25	114-835	603.00	
61/64	0.9531	3				19	114-784	402.30				
31/32	0.9688	3	15	114-733	322.30	19	114-785	402.30				
63/64	0.9844	3				19	114-786	409.70				
1	1.0000	3				19	114-787	409.70	25	114-836	664.00	



## 20"-36" Overall Length



EXTRA LENGTH TAPER SHANK DRILLS														
Size	Dec. Equiv.	Morse Taper No.	Flute Length	20" OAL Code No.	Price \$	Flute Length	24" OAL Code No.	Price \$	Flute Length	30" OAL Code No.	Price \$	Flute Length	36" OAL Code No.	Price \$
1-1/32	1.0312	3				19	114-788	420.20						
1-3/64	1.0469	3				19	114-789	420.20						
1-1/16	1.0625	3	15	114-734	350.00	18	114-790	420.20	25	114-837	664.00			
1-5/64	1.0781	4				18	114-791	461.70						
1-3/32	1.0938	4	14	114-735	368.50	18	114-792	461.70						
1-1/8	1.1250	4	14	114-736	368.50	18	114-793	461.70	24	114-838	758.10			
1-5/32	1.1562	4	14	114-737	399.90	18	114-794	496.80						
1-11/64	1.1719	4				18	114-795	515.40						
1-3/16	1.1875	4	14	114-738	429.50	18	114-796	515.40	24	114-839	826.40			
1-7/32	1.2188	4	14	114-739	429.50	18	114-797	521.40						
1-15/64	1.2344	4				18	114-798	521.40						
1-1/4	1.2500	4	14	114-740	429.50	18	114-799	521.40	24	114-840	894.60			
1-9/32	1.2813	4				18	114-800	590.40						
1-5/16	1.3125	4				18	114-801	590.40	24	114-841	1,015.60			
1-11/32	1.3438	4	14	114-741	542.10									
1-23/64	1.3594	4				18	114-802	660.30						
1-3/8	1.3750	4	14	114-742	542.10	18	114-803	660.30	24	114-842	1,105.60			
1-13/32	1.4062	4	14	114-743	577.10	18	114-804	682.70						
1-7/16	1.4375	4	14	114-744	577.10	18	114-805	682.70	24	114-843	1,137.60			
1-15/32	1.4688	4				18	114-806	682.70						
1-1/2	1.5000	4				18	114-807	740.00	24	114-844	1,240.00	29	114-865	1,796.60
1-9/16	1.5625	5				17	114-808	740.00						
1-5/8	1.6250	5				17	114-809	822.30	23	114-845	1,384.80			
1-11/16	1.6875	5				17	114-810	936.50						
1-3/4	1.7500	5				17	114-811	1,047.20	23	114-846	1,530.60	29	114-866	2,217.10
1-25/32	1.7812	5	13	114-745	969.60									
1-7/8	1.8750	5				17	114-812	1,285.90	23	114-847	1,713.60			
1-15/16	1.9375	5				17	114-813	1,412.90						
2	2.0000	5				17	114-814	1,531.70	23	114-848	1,949.40	29	114-867	2,967.90
2-1/16	2.0625	5				17	114-815	1,650.50	23	114-849	2,151.10			
2-1/8	2.1250	5				17	114-816	1,650.50	23	114-850	2,151.10	29	114-868	3,465.20
2-3/16	2.1875	5				17	114-817	1,814.00						
2-7/32	2.2188	5	13	114-746	1,385.10	17	114-818	1,976.00						
2-1/4	2.2500	5				17	114-819	1,814.00	23	114-851	2,308.30	29	114-869	3,466.30
2-5/16	2.3125	5				17	114-820	1,977.60	23	114-852	2,518.20			
2-3/8	2.3750	5				17	114-821	1,977.60	23	114-853	2,518.20	29	114-870	4,153.70
2-7/16	2.4375	5				17	114-822	2,110.70	23	114-854	2,687.80			
2-1/2	2.5000	5				17	114-823	2,110.70	23	114-855	2,687.80	29	114-871	4,153.70
2-9/16	2.5625	5				17	114-824	2,243.70	23	114-856	2,656.50			
2-5/8	2.6250	5				17	114-825	2,243.70	23	114-857	2,853.20	29	114-872	4,709.50
2-11/16	2.6875	5				17	114-826	2,429.50						
2-3/4	2.7500	5				17	114-827	2,429.50	23	114-858	3,091.10	29	114-873	5,493.20
2-13/16	2.8125	5				17	114-828	2,615.40						
2-7/8	2.8750	5				17	114-829	2,615.40	23	114-859	3,266.90			
2-15/16	2.9375	5				17	114-830	2,988.10						
3	3.0000	5				17	114-831	2,988.10	23	114-860	3,805.70	29	114-874	6,272.00
3-1/8	3.1250	5							23	114-861	4,322.70	29	114-875	6,709.50
3-1/4	3.2500	5							23	114-862	5,215.20	29	114-876	8,226.90
3-3/8	3.3750	5							23	114-863	6,996.90	29	114-877	12,029.60
3-1/2	3.5000	5							23	114-864	8,934.90	29	114-878	14,446.40