



CHUCKING REAMERS

CHUCKING REAMERS HIGH SPEED STEEL



STRAIGHT SHANK

SIZES NOT LISTED ARE SPECIAL - PRICES ON APPLICATION

Fraction, Wire, & Letter Sizes	Decimal Equiv.	Flute Length	OAL	#759B Straight Flute		#759 Right Hand Spiral		#759L Left Hand Spiral	
				Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
60	.0400	1/2	2 1/2	27111	\$10.05	27291	\$10.85	27471	\$11.40
59	.0410	1/2	2 1/2	27112	10.05	27292	10.85	27472	11.40
58	.0420	1/2	2 1/2	27113	10.05	27293	10.85	27473	11.40
57	.0430	1/2	2 1/2	27114	10.05	27294	10.85	27474	11.40
56	.0465	1/2	2 1/2	27115	10.05	27295	10.85	27475	11.40
3/64	.0469	1/2	2 1/2	27116	10.05	27296	10.85	27476	11.40
55	.0520	1/2	2 1/2	27117	10.05	27297	10.85	27477	11.40
54	.0550	1/2	2 1/2	27118	10.05	27298	10.85	27478	11.40
53	.0595	1/2	2 1/2	27119	10.05	27299	10.85	27479	11.40
1/16	.0625	1/2	2 1/2	27120	9.05	27300	10.85	27480	11.10
52	.0635	1/2	2 1/2	27121	9.45	27301	10.85	27481	11.40
51	.0670	3/4	3	27122	8.30	27302	9.05	27482	9.45
50	.0700	3/4	3	27123	8.00	27303	8.75	27483	9.05
49	.0730	3/4	3	27124	8.30	27304	9.05	27484	9.45
48	.0760	3/4	3	27125	8.30	27305	9.05	27485	9.05
5/64	.0781	3/4	3	27126	8.30	27306	8.75	27486	9.05
47	.0785	3/4	3	27127	8.00	27307	8.75	27487	9.45
46	.0810	3/4	3	27128	8.30	27308	9.05	27488	9.45
45	.0820	3/4	3	27129	8.30	27309	9.05	27489	9.45
44	.0860	3/4	3	27130	8.30	27310	9.05	27490	9.05
43	.0890	3/4	3	27131	8.00	27311	8.75	27491	9.05
42	.0935	3/4	3	27132	8.00	27312	8.75	27492	9.05
3/32	.0938	3/4	3	27133	8.30	27313	8.75	27493	9.05
41	.0960	7/8	3 1/2	27134	8.00	27314	8.75	27494	9.45
40	.0980	7/8	3 1/2	27135	8.30	27315	9.05	27495	9.45
39	.0995	7/8	3 1/2	27136	8.30	27316	9.05	27496	9.45
38	.1015	7/8	3 1/2	27137	8.30	27317	9.05	27497	9.45
37	.1040	7/8	3 1/2	27138	8.30	27318	9.05	27498	9.45
36	.1065	7/8	3 1/2	27139	8.30	27319	9.05	27499	9.45
7/64	.1094	7/8	3 1/2	27140	8.30	27320	8.75	27500	9.05
35	.1100	7/8	3 1/2	27141	8.30	27321	9.05	27501	9.45
34	.1110	7/8	3 1/2	27142	8.30	27322	9.05	27502	9.45
33	.1130	7/8	3 1/2	27143	8.30	27323	9.05	27503	9.45
32	.1160	7/8	3 1/2	27144	8.30	27324	9.05	27504	9.45
31	.1200	7/8	3 1/2	27145	8.30	27325	9.05	27505	9.45
.1240	.1240	7/8	3 1/2	27146	8.30	27326	9.05	27506	9.45
1/8	.1250	7/8	3 1/2	27147	6.45	27327	8.30	27507	8.75
.1260	.1260	7/8	3 1/2	27148	8.00	27328	8.75	27508	9.05
30	.1285	7/8	3 1/2	27149	7.60	27329	8.30	27509	8.75
29	.1360	1	4	27150	10.05	27330	10.85	27510	11.40
28	.1405	1	4	27151	10.05	27331	10.85	27511	11.40
9/64	.1406	1	4	27152	10.05	27332	10.85	27512	11.10
27	.1440	1	4	27153	10.05	27333	10.85	27513	11.40
26	.1470	1	4	27154	10.05	27334	10.85	27514	11.40
25	.1495	1	4	27155	10.05	27335	10.85	27515	11.40
24	.1520	1	4	27156	10.05	27336	10.85	27516	11.40
23	.1540	1	4	27157	10.05	27337	10.85	27517	11.40
5/32	.1562	1	4	27158	10.05	27338	10.85	27518	11.10
22	.1570	1	4	27159	10.05	27339	10.85	27519	11.40
21	.1590	1 1/8	4 1/2	27160	10.05	27340	10.85	27520	11.40
20	.1610	1 1/8	4 1/2	27161	10.05	27341	10.85	27521	11.40
19	.1660	1 1/8	4 1/2	27162	10.05	27342	10.85	27522	11.40

Carbide
Tipped
Chucking
Reamers
Also
Available
Page 38

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



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CHUCKING REAMERS HIGH SPEED STEEL



SIZES NOT LISTED ARE SPECIAL - PRICES ON APPLICATION

STRAIGHT SHANK

Fraction, Wire, & Letter Sizes	Decimal Equiv.	Flute Length	OAL	#759B Straight Flute		#759 Right Hand Spiral		#759L Left Hand Spiral	
				Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
18	.1695	1 1/8	4 1/2	27163	10.05	27343	\$10.85	27523	\$11.40
11/64	.1719	1 1/8	4 1/2	27164	10.05	27344	10.85	27524	11.10
17	.1730	1 1/8	4 1/2	27165	10.05	27345	10.85	27525	11.40
16	.1770	1 1/8	4 1/2	27166	10.05	27346	10.85	27526	11.40
15	.1800	1 1/8	4 1/2	27167	10.85	27347	11.75	27527	12.30
14	.1820	1 1/8	4 1/2	27168	10.85	27348	11.75	27528	12.30
13	.1850	1 1/8	4 1/2	27169	10.85	27349	11.75	27529	12.30
.1865	.1865	1 1/8	4 1/2	27170	10.85	27350	11.75	27530	12.30
3/16	.1875	1 1/8	4 1/2	27171	8.75	27351	10.85	27531	11.40
.1885	.1885	1 1/8	4 1/2	27172	10.85	27352	11.75	27532	12.30
12	.1890	1 1/8	4 1/2	27173	10.05	27353	10.85	27533	11.40
11	.1910	1 1/4	5	27174	11.40	27354	12.65	27534	12.90
10	.1935	1 1/4	5	27175	11.75	27355	12.80	27535	13.45
9	.1960	1 1/4	5	27176	11.75	27356	12.80	27536	13.45
8	.1990	1 1/4	5	27177	11.75	27357	12.80	27537	13.45
7	.2010	1 1/4	5	27178	11.75	27358	12.80	27538	13.45
13/64	.2031	1 1/4	5	27179	11.75	27359	12.65	27539	12.90
6	.2040	1 1/4	5	27180	11.75	27360	12.80	27540	11.10
5	.2055	1 1/4	5	27181	11.75	27361	12.80	27541	13.45
4	.2090	1 1/4	5	27182	11.75	27362	12.80	27542	13.45
3	.2130	1 1/4	5	27183	11.75	27363	12.80	27543	13.45
7/32	.2188	1 1/4	5	27184	11.40	27364	12.30	27544	12.80
2	.2210	1 1/2	6	27185	11.75	27365	12.80	27545	13.45
1	.2280	1 1/2	6	27186	11.75	27366	12.80	27546	13.45
A	.2340	1 1/2	6	27187	12.30	27367	12.80	27547	13.45
15/64	.2344	1 1/2	6	27188	11.75	27368	12.80	27548	12.90
B	.2380	1 1/2	6	27189	12.30	27369	12.80	27549	13.45
C	.2420	1 1/2	6	27190	12.30	27370	12.80	27550	13.45
D	.2460	1 1/2	6	27191	12.30	27371	12.80	27551	13.45
.2490	.2490	1 1/2	6	27192	11.40	27372	12.65	27552	12.90
(E) 1/4	.2500	1 1/2	6	27193	10.20	27373	11.95	27553	12.65
.2510	.2510	1 1/2	6	27194	11.60	27374	12.80	27554	13.45
F	.2570	1 1/2	6	27195	12.30	27375	12.80	27555	13.45
G	.2610	1 1/2	6	27196	12.90	27376	13.85	27556	14.20
17/64	.2656	1 1/2	6	27197	12.90	27377	13.95	27557	14.70
H	.2660	1 1/2	6	27198	13.85	27378	14.20	27558	14.85
I	.2720	1 1/2	6	27199	13.85	27379	14.20	27559	14.85
J	.2770	1 1/2	6	27200	13.85	27380	14.20	27560	14.85
K	.2810	1 1/2	6	27201	13.85	27381	14.20	27561	14.85
9/32	.2812	1 1/2	6	27202	12.90	27382	13.95	27562	14.70
L	.2900	1 1/2	6	27203	13.85	27383	14.20	27563	14.85
M	.2950	1 1/2	6	27204	13.85	27384	14.20	27564	14.85
19/64	.2969	1 1/2	6	27205	13.85	27385	13.95	27565	14.70
N	.3020	1 1/2	6	27206	13.85	27386	13.95	27566	14.70
.3115	.3115	1 1/2	6	27207	12.90	27387	14.20	27567	14.85
5/16	.3125	1 1/2	6	27208	12.90	27388	12.90	27568	14.10
.3120	.3120	1 1/2	6	27209	12.90	27389	12.90	27569	14.10
.3135	.3135	1 1/2	6	27210	12.90	27390	14.20	27570	14.85
O	.3160	1 1/2	6	27211	14.20	27391	15.25	27571	15.85
P	.3230	1 1/2	6	27212	14.20	27392	15.70	27572	16.40
21/64	.3281	1 1/2	6	27213	14.20	27393	15.70	27573	16.40
Q	.3320	1 1/2	6	27214	14.20	27394	15.70	27574	16.40

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



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STRAIGHT SHANK

Fraction, Wire, & Letter Sizes	Decimal Equiv.	Flute Length	OAL	#759B Straight Flute		#759 Right Hand Spiral		#759L Left Hand Spiral	
				Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
R	.3390	1 1/2	6	27215	\$14.20	27395	\$15.70	27575	\$16.40
11/32	.3438	1 1/2	6	27216	14.20	27396	15.70	27576	16.40
S	.3480	1 3/4	7	27217	14.20	27397	15.70	27577	16.40
T	.3580	1 3/4	7	27218	14.20	27398	15.70	27578	16.40
23/64	.3594	1 3/4	7	27219	14.20	27399	15.70	27579	16.40
U	.3680	1 3/4	7	27220	14.20	27400	15.70	27580	16.40
.3740	.3740	1 3/4	7	27221	14.10	27401	15.70	27581	16.40
3/8	.3750	1 3/4	7	27222	12.90	27402	15.35	27582	15.85
.3760	.3760	1 3/4	7	27223	13.95	27403	15.70	27583	16.40
V	.3770	1 3/4	7	27224	16.40	27404	17.25	27584	18.35
W	.3860	1 3/4	7	27225	16.40	27405	17.25	27585	18.35
25/64	.3906	1 3/4	7	27226	15.35	27406	17.70	27586	18.50
X	.3970	1 3/4	7	27227	16.40	27407	17.25	27587	18.35
Y	.4040	1 3/4	7	27228	16.75	27408	17.70	27588	18.50
13/32	.4062	1 3/4	7	27229	15.85	27409	17.25	27589	18.35
Z	.4130	1 3/4	7	27230	16.75	27410	17.70	27590	18.50
27/64	.4219	1 3/4	7	27231	16.75	27411	17.70	27591	18.50
.4365	.4365	1 3/4	7	27232	16.75	27412	17.70	27592	18.50
.4370	.4370	1 3/4	7	27233	16.75	27413	17.70	27593	18.50
7/16	.4375	1 3/4	7	27234	15.35	27414	17.25	27594	18.35
.4385	.4385	1 3/4	7	27235	16.75	27415	17.70	27595	18.50
29/64	.4531	1 3/4	7	27236	18.75	27416	19.70	27596	20.40
15/32	.4688	1 3/4	7	27237	18.35	27417	19.70	27597	20.40
31/64	.4844	2	8	27238	18.75	27418	19.70	27598	20.40
.4990	.4990	2	8	27239	17.80	27419	19.70	27599	20.40
.4995	.4995	2	8	27240	19.00	27420	20.95	27600	21.55
1/2	.5000	2	8	27241	16.75	27421	18.75	27601	19.45
.5010	.5010	2	8	27242	17.80	27422	19.70	27602	20.40
17/32	.5312	2	8	27243	20.80	27423	23.65	27603	23.65
9/16	.5625	2	8	27244	20.40	27424	24.15	27604	24.15
19/32	.5938	2	8	27245	23.65	27425	26.75	27605	26.75
5/8	.6250	2 1/4	9	27246	23.65	27426	25.60	27606	25.60
21/32	.6562	2 1/4	9	27247	27.25	27427	30.05	27607	30.05
11/16	.6875	2 1/4	9	27248	27.10	27428	30.05	27608	30.05
23/32	.7188	2 1/4	9	27249	31.25	27429	34.05	27609	34.05
3/4	.7500	2 1/2	9 1/2	27250	30.05	27430	33.40	27610	34.05
25/32	.7812	2 1/2	9 1/2	27251	35.05	27431	38.40	27611	38.40
13/16	.8125	2 1/2	9 1/2	27252	35.05	27432	38.40	27612	38.40
27/32	.8438	2 1/2	9 1/2	27253	39.85	27433	43.05	27613	43.05
7/8	.8750	2 5/8	10	27254	38.85	27434	43.05	27614	43.05
29/32	.9062	2 5/8	10	27255	43.95	27435	47.85	27615	47.85
15/16	.9375	2 5/8	10	27256	43.95	27436	47.85	27616	47.85
31/32	.9688	2 5/8	10	27257	49.35	27437	54.00	27617	54.00
1	1.0000	2 3/4	10 1/2	27258	48.30	27438	54.00	27618	54.00
1 1/16	1.0625	2 3/4	10 1/2	27259	55.45	27439	60.70	27619	60.70
1 1/8	1.1250	2 7/8	11	27260	59.30	27440	66.80	27620	66.80
1 3/16	1.1875	2 7/8	11	27261	66.80	27441	73.35	27621	73.35
1 1/4	1.2500	3	11 1/2	27262	73.35	27442	81.50	27622	81.50
1 5/16	1.3125	3	11 1/2	27263	*	27443	89.55	27623	89.55
1 3/8	1.3750	3 1/4	12	27264	88.05	27444	98.00	27624	98.00
1 7/16	1.4375	3 1/4	12	27265	*	27445	106.15	27625	106.15
1 1/2	1.5000	3 1/2	12 1/2	27266	103.15	27446	113.50	27626	113.50

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



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CARBIDE TIPPED CHUCKING REAMERS STRAIGHT FLUTE – FULL FLUTE LENGTH CARBIDE

For general purpose reaming of most types of materials, including steel, cast iron, non-ferrous, and non-metals. The carbide tips are brazed on a hardened alloy steel body.



STRAIGHT SHANK • Straight Flute ~ No. 769

Catalog EDI-Number	Tool Diameter		Dia. Shank	# of Flutes	Flute Length	Overall Length	List Price
	Dec	Frac					
68001	.1875	3/16	11/64	4	1 1/2	6	\$40.60
68002	.2188	7/32	13/64	4	1 1/2	6	40.60
68003	.2344	15/64	7/32	4	1 1/2	6	40.60
68004	.2500	1/4	15/64	4	1 1/2	6	40.60
68005	.2812	9/32	15/64	4	1 1/2	6	41.45
68006	.3125	5/16	9/32	4	1 1/2	6	41.45
68007	.3438	11/32	9/32	4	1 1/2	6	42.95
68008	.3750	3/8	5/16	4	1 3/4	7	42.95
68009	.4062	13/32	5/16	4	1 3/4	7	45.10
68010	.4375	7/17	3/8	4	1 3/4	7	48.75
68011	.4688	15/32	3/8	4	1 3/4	7	48.70
68012	.5000	1/2	7/16	6	2	8	48.70
68013	.5312	17/32	7/16	6	2	8	54.15
68014	.5625	9/16	7/16	6	2	8	54.15
68015	.5938	19/32	7/16	6	2	8	56.25
68016	.6250	5/8	9/16	6	2	9	56.25
68017	.6562	21/32	9/16	6	2	9	57.25
68018	.6875	11/16	9/16	6	2	9	57.25
68019	.7188	23/32	9/16	6	2	9	59.90
68020	.7500	3/4	5/8	6	2	9 1/2	59.90
68021	.7812	25/32	5/8	6	2	9 1/2	62.00
68022	.8125	13/16	5/8	6	2	9 1/2	62.00
68023	.8438	27/32	5/8	6	2	9 1/2	64.45
68024	.8750	7/8	3/4	6	2 1/4	10	64.45
68025	.9062	29/32	3/4	6	2 1/4	10	75.00
68026	.9375	15/16	3/4	8	2 1/4	10	75.00
68027	.9688	31/32	3/4	8	2 1/4	10	78.60
68028	1.0000	1	7/8	8	2 1/4	10 1/2	78.60
68029	1.0625	1 1/16	7/8	8	2 1/4	10 1/2	84.85
68030	1.1250	1 1/8	7/8	8	2 1/4	11	91.85
68031	1.1875	1 3/16	1	8	2 1/4	11	96.10
68032	1.2500	1 1/4	1	8	2 1/2	11 1/2	112.20
68033	1.3125	1 5/16	1	8	2 1/2	11 1/2	112.20
68034	1.3750	1 3/8	1	8	2 1/2	12	113.85
68035	1.4375	1 7/16	1 1/4	8	2 1/2	12	125.75
68036	1.5000	1 1/2	1 1/4	8	2 1/2	12 1/2	150.95
68037	1.5625	1 9/16	1 1/4	8	2 1/2	12 1/2	199.25
68038	1.6250	1 5/8	1 1/4	8	2 3/4	13	206.10
68039	1.6875	1 11/16	1 1/4	8	2 3/4	13	276.30
68040	1.7500	1 3/4	1 1/4	10	3	13 1/2	276.30
68041	1.8125	1 13/16	1 1/2	10	3	13 1/2	231.55
68042	1.8750	1 7/8	1 1/2	10	3 1/4	14	242.80
68043	1.9375	1 15/16	1 1/2	10	3 1/4	14	257.40
68044	2.0000	2	1 1/2	12	3 1/4	14	257.40



TAPER SHANK • Straight Flute ~ No. 770

Catalog EDI-Number	Tool Diameter		Dia. Shank	# of Flutes	Flute Length	Overall Length	List Price
	Dec	Frac					
68051	.2500	1/4	1	4	1 1/2	6	\$46.70
68052	.2812	9/32	1	4	1 1/2	6	47.35
68053	.3125	5/16	1	4	1 1/2	6	47.35
68054	.3438	11/32	1	4	1 1/2	6	48.40
68055	.3750	3/8	1	4	1 3/4	7	48.95
68056	.4062	13/32	1	4	1 3/4	7	51.55
68057	.4375	7/16	1	4	1 3/4	7	54.90
68058	.4688	15/32	1	4	1 3/4	7	56.05
68059	.5000	1/2	1	6	2	8	56.40
68060	.5312	17/32	1	6	2	8	61.80
68061	.5625	9/16	1	6	2	8	61.80
68062	.5938	19/32	1	6	2	8	64.65
68063	.6250	5/8	2	6	2	9	64.65
68064	.6562	21/32	2	6	2	9	65.85
68065	.6875	11/16	2	6	2	9	65.85
68066	.7188	23/32	2	6	2	9	66.80
68067	.7500	3/4	2	6	2	9 1/2	68.90
68068	.7812	25/32	2	6	2	9 1/2	69.45
68069	.8125	13/16	2	6	2	9 1/2	71.00
68070	.8438	27/32	2	6	2	9 1/2	74.15
68071	.8750	7/8	2	6	2 1/4	10	74.15
68072	.9062	29/32	2	6	2 1/4	10	83.50
68073	.9375	15/16	3	8	2 1/4	10	84.90
68074	.9688	31/32	3	8	2 1/4	10	90.45
68075	1.000	1	3	8	2 1/4	10 1/2	90.45
68076	1.0625	1 1/16	3	8	2 1/4	10 1/2	129.35
68077	1.1250	1 1/8	3	8	2 1/4	11	139.30
68078	1.1875	1 3/16	3	8	2 1/4	11	149.70
68079	1.2500	1 1/4	4	8	2 1/2	11 1/2	159.10
68080	1.3125	1 5/16	4	8	2 1/2	11 1/2	179.60
68081	1.3750	1 3/8	4	8	2 1/2	12	205.20
68082	1.4375	1 7/16	4	8	2 1/2	12	214.10
68083	1.5000	1 1/2	4	8	2 1/2	12 1/2	223.20

*See Our Other
Chuckling Reamers
on Pages 106-111*

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

SOLID CARBIDE - CHUCKING REAMERS



STRAIGHT SHANK - STRAIGHT FLUTE

Use: For general purpose reaming of all materials. .0005" increments, standard decimal diameter reamers.



Catalog EDI-Number	Dec. Size	List Price	Catalog EDI-Number	Dec. Size	List Price	Catalog EDI-Number	Dec. Size	List Price	Catalog EDI-Number	Dec. Size	List Price	Catalog EDI-Number	Dec. Size	List Price
58001	.0280	\$32.50	58101	.0580	\$32.50	58201	.0880	\$33.80	58301	.1180	\$38.10	58401	.1480	\$42.00
58002	.0285	32.50	58102	.0585	32.50	58202	.0885	33.80	58302	.1185	38.30	58402	.1485	42.00
58003	.0290	32.50	58103	.0590	28.30	58203	.0890	32.80	58303	.1190	38.30	58403	.1490	42.00
58004	.0295	32.50	58104	.0595	30.90	58204	.0895	34.60	58304	.1195	38.30	58404	.1495	40.00
58005	.0300	32.50	58105	.0600	33.30	58205	.0900	34.60	58305	.1200	36.40	58405	.1500	42.00
58006	.0305	32.50	58106	.0605	33.30	58206	.0905	34.60	58306	.1205	38.30	58406	.1505	42.00
58007	.0310	30.90	58107	.0610	31.60	58207	.0910	34.80	58307	.1210	38.30	58407	.1510	42.00
58008	.0315	32.50	58108	.0615	33.30	58208	.0915	34.80	58308	.1215	38.30	58408	.1515	42.00
58009	.0320	32.50	58109	.0620	33.30	58209	.0920	34.80	58309	.1220	36.40	58409	.1520	40.00
58010	.0325	32.50	58110	.0625	29.10	58210	.0925	32.90	58310	.1225	38.30	58410	.1525	43.80
58011	.0330	32.50	58111	.0630	31.60	58211	.0930	34.80	58311	.1230	38.30	58411	.1530	43.80
58012	.0335	32.50	58112	.0635	31.60	58212	.0935	32.90	58312	.1235	38.30	58412	.1535	41.70
58013	.0340	30.90	58113	.0640	33.30	58213	.0940	34.80	58313	.1240	38.30	58413	.1540	41.70
58014	.0345	32.50	58114	.0645	33.30	58214	.0945	32.90	58314	.1245	38.30	58414	.1545	43.80
58015	.0350	32.50	58115	.0650	33.50	58215	.0950	35.20	58315	.1250	33.50	58415	.1550	43.80
58016	.0355	32.50	58116	.0655	33.50	58216	.0955	35.20	58316	.1255	38.30	58416	.1555	41.70
58017	.0360	32.50	58117	.0660	33.50	58217	.0960	33.50	58317	.1260	36.40	58417	.1560	43.80
58018	.0365	32.50	58118	.0665	33.50	58218	.0965	33.50	58318	.1265	38.40	58418	.1565	45.40
58019	.0370	32.50	58119	.0670	31.90	58219	.0970	35.20	58319	.1270	38.40	58419	.1570	43.00
58020	.0375	32.50	58120	.0675	33.50	58220	.0975	35.20	58320	.1275	38.40	58420	.1575	39.40
58021	.0380	32.50	58121	.0680	33.50	58221	.0980	33.50	58321	.1280	36.50	58421	.1580	46.30
58022	.0385	32.50	58122	.0685	33.50	58222	.0985	33.50	58322	.1285	36.50	58422	.1585	46.30
58023	.0390	32.50	58123	.0690	33.50	58223	.0990	33.50	58323	.1290	38.40	58423	.1590	44.10
58024	.0395	30.90	58124	.0695	33.50	58224	.0995	33.80	58324	.1295	38.40	58424	.1595	47.10
58025	.0400	32.50	58125	.0700	31.90	58225	.1000	35.50	58325	.1300	38.40	58425	.1600	47.00
58026	.0405	32.50	58126	.0705	33.50	58226	.1005	35.50	58326	.1305	38.40	58426	.1605	47.10
58027	.0410	32.50	58127	.0710	33.50	58227	.1010	35.50	58327	.1310	38.40	58427	.1610	44.80
58028	.0415	32.50	58128	.0715	33.50	58228	.1015	33.80	58328	.1315	38.40	58428	.1615	47.10
58029	.0420	32.50	58129	.0720	33.50	58229	.1020	35.70	58329	.1320	38.40	58429	.1620	47.10
58030	.0425	32.50	58130	.0725	33.50	58230	.1025	35.90	58330	.1325	38.40	58430	.1625	47.10
58031	.0430	30.60	58131	.0730	31.90	58231	.1030	35.90	58331	.1330	38.40	58431	.1630	47.10
58032	.0435	32.20	58132	.0735	33.50	58232	.1035	35.90	58332	.1335	38.40	58432	.1635	47.30
58033	.0440	30.60	58133	.0740	33.50	58233	.1040	35.90	58333	.1340	38.40	58433	.1640	47.10
58034	.0445	32.20	58134	.0745	33.50	58234	.1045	35.90	58334	.1345	38.40	58434	.1645	47.10
58035	.0450	30.60	58135	.0750	33.50	58235	.1050	35.90	58335	.1350	38.40	58435	.1650	47.10
58036	.0455	32.20	58136	.0755	33.50	58236	.1055	35.90	58336	.1355	38.40	58436	.1655	47.10
58037	.0460	30.60	58137	.0760	31.90	58237	.1060	35.90	58337	.1360	36.50	58437	.1660	45.00
58038	.0465	32.20	58138	.0765	33.50	58238	.1065	34.10	58338	.1365	38.40	58438	.1665	47.70
58039	.0470	30.60	58139	.0770	33.50	58239	.1070	36.50	58339	.1370	38.40	58439	.1670	47.70
58040	.0475	32.20	58140	.0775	33.50	58240	.1075	36.50	58340	.1375	38.40	58440	.1675	47.70
58041	.0480	30.60	58141	.0780	33.50	58241	.1080	36.50	58341	.1380	39.00	58441	.1680	47.70
58042	.0485	32.20	58142	.0785	32.00	58242	.1085	37.00	58342	.1385	39.00	58442	.1685	47.70
58043	.0490	30.60	58143	.0790	33.60	58243	.1090	37.00	58343	.1390	39.00	58443	.1690	47.70
58044	.0495	32.20	58144	.0795	33.60	58244	.1095	37.00	58344	.1395	39.00	58444	.1695	45.50
58045	.0500	30.60	58145	.0800	33.60	58245	.1100	35.20	58345	.1400	39.00	58445	.1700	48.70
58046	.0505	32.20	58146	.0805	33.60	58246	.1105	37.50	58346	.1405	37.00	58446	.1705	48.70
58047	.0510	30.60	58147	.0810	32.00	58247	.1110	35.70	58347	.1410	40.60	58447	.1710	48.70
58048	.0515	32.20	58148	.0815	33.80	58248	.1115	38.10	58348	.1415	40.60	58448	.1715	48.70
58049	.0520	31.60	58149	.0820	32.20	58249	.1120	38.10	58349	.1420	40.60	58449	.1720	48.70
58050	.0525	31.60	58150	.0825	33.80	58250	.1125	38.10	58350	.1425	40.60	58450	.1725	48.70
58051	.0530	33.30	58151	.0830	33.80	58251	.1130	36.20	58351	.1430	40.60	58451	.1730	46.30
58052	.0535	31.60	58152	.0835	33.80	58252	.1135	38.10	58352	.1435	40.60	58452	.1735	49.40
58053	.0540	31.60	58153	.0840	33.80	58253	.1140	38.10	58353	.1440	38.70	58453	.1740	49.40
58054	.0545	31.60	58154	.0845	33.80	58254	.1145	38.10	58354	.1445	40.80	58454	.1745	49.40
58055	.0550	33.30	58155	.0850	33.80	58255	.1150	38.10	58355	.1450	40.90	58455	.1750	49.40
58056	.0555	33.30	58156	.0855	33.80	58256	.1155	38.10	58356	.1455	40.90	58456	.1755	49.90
58057	.0560	31.60	58157	.0860	32.20	58257	.1160	36.20	58357	.1460	41.90	58457	.1760	49.90
58058	.0565	33.30	58158	.0865	33.80	58258	.1165	38.10	58358	.1465	41.90	58458	.1765	49.90
58059	.0570	33.30	58159	.0870	33.80	58259	.1170	38.10	58359	.1470	39.70			
58060	.0575	31.60	58160	.0875	33.80	58260	.1175	38.10	58360	.1475	41.90			

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



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CHUCKING REAMERS TAPER SHANK

SPIRAL FLUTES



STRAIGHT FLUTES



*Carbide Tipped
Chucking Reamers
Also Available –
Page 38*

Dia.	Morse Taper Shank	#760B Straight Flute		#760 RH Spiral		#760L LH Spiral	
		Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
1/4	1	27631	\$16.75	27691	\$17.25	27741	\$17.25
9/32	1	27632	17.80	27692	19.10	27742	19.10
5/16	1	27633	17.80	27693	19.10	27743	19.10
11/32	1	27634	19.80	27694	20.80	27744	20.80
3/8	1	27635	19.80	27695	20.80	27745	20.80
13/32	1	27636	22.10	27696	23.25	27746	23.25
7/16	1	27637	22.10	27697	23.25	27747	23.25
15/32	1	27638	24.15	27698	25.40	27748	25.40
1/2	1	27639	23.95	27699	24.85	27749	24.85
17/32	1	27640	26.60	27700	29.15	27750	29.15
9/16	1	27641	26.05	27701	29.15	27751	29.15
19/32	1	27642	28.80	27702	31.50	27752	31.50
5/8	2	27643	28.15	27703	31.05	27753	31.05
21/32	2	27644	31.05	27704	34.05	27754	34.05
11/16	2	27645	30.05	27705	34.05	27755	34.05
23/32	2	27646	35.05	27706	38.40	27756	38.40
3/4	2	27647	34.30	27707	38.15	27757	38.15
25/32	2	27648	40.05	27708	43.85	27758	43.85
13/16	2	27649	40.05	27709	43.85	27759	43.85
27/32	2	27650	45.75	27710	50.20	27760	50.20
7/8	2	27651	45.75	27711	50.20	27761	50.20
29/32	2	27652	49.75	27712	54.90	27762	54.90
15/16	3	27653	49.75	27713	54.90	27763	54.90
31/32	3	27654	55.45	27714	61.55	27764	61.55
1	3	27655	54.90	27715	61.55	27765	61.55
1 1/16	3	27656	61.55	27716	67.65	27766	67.65
1 1/8	3	27657	66.80	27717	74.85	27767	74.85
1 3/16	3	27658	74.85	27718	81.50	27768	81.50
1 1/4	4	27659	80.90	27719	89.35	27769	89.35
1 5/16	4	27660	88.60	27720	98.00	27770	98.00
1 3/8	4	27661	95.60	27721	106.15	27771	106.15
1 7/16	4	27662	103.70	27722	115.55	27772	115.55
1 1/2	4	27663	110.75	27723	122.70	27773	122.70

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



EXPANDING CHUCKING REAMERS ~ STRAIGHT FLUTE

The expansion feature is designed to maintain the initial size by compensating for wear at the cutting end.

Fluted Chucking Reamers are designed for use in turret lathes, screw machines, etc. These reamers have a slight chamfer of 45 degrees on the end and flutes are cleared to edge but are not tapered.



STRAIGHT SHANK • Straight Flute ~ No. 759C

Catalog EDI-Number	Dia.	Overall Length	Dia. Shank	Flute Length	List Price
28591	3/8	7	5/16	3/4	\$38.50
28592	13/32	7	5/16	3/4	40.10
28593	7/16	7	3/8	7/8	40.90
28594	15/32	7	27/64	7/8	42.70
28595	1/2	8	7/16	1	43.60
28596	17/32	8	7/16	1	45.20
28597	9/16	8	7/16	1 1/8	46.35
28598	19/32	8	7/16	1 1/8	47.35
28599	5/8	9	9/16	1 1/4	48.60
28600	21/32	9	9/16	1 1/4	50.15
28601	11/16	9	9/16	1 1/4	50.95
28602	23/32	9	9/16	1 1/4	53.70
28603	3/4	9 1/2	5/8	1 3/8	56.00
28604	25/32	9 1/2	5/8	1 3/8	58.85
28605	13/16	9 1/2	5/8	1 3/8	61.60
28606	27/32	9 1/2	5/8	1 3/8	64.65
28607	7/8	10	3/4	1 1/2	66.80
28608	29/32	10	3/4	1 1/2	69.65
28609	15/16	10	3/4	1 1/2	73.05
28610	31/32	10	3/4	1 1/2	76.30
28611	1	10 1/2	7/8	1 5/8	80.05
28612	1 1/32	10 1/2	7/8	1 5/8	84.55
28613	1 1/16	10 1/2	7/8	1 5/8	88.80
28614	1 3/32	10 1/2	7/8	1 5/8	92.65
28615	1 1/8	11	7/8	1 3/4	96.80
28616	1 5/32	11	7/8	1 3/4	98.95
28617	1 3/16	11	1	1 3/4	102.30
28618	1 7/32	11	1	1 3/4	105.55
28619	1 1/4	11 1/2	1	1 7/8	109.70
28620	1 5/16	11 1/2	1	1 7/8	114.10
28621	1 3/8	12	1	2	118.35
28622	1 7/16	12	1 1/4	2	123.05
28623	1 1/2	12 1/2	1 1/4	2 1/8	127.95
28624	1 9/16	12 1/2	1 1/4	2 1/8	134.70
28625	1 5/8	13	1 1/4	2 1/4	140.75
28626	1 11/16	13	1 1/4	2 1/4	146.75
28627	1 3/4	13 1/2	1 1/4	2 3/8	153.60
28628	1 13/16	13 1/2	1 1/2	2 3/8	161.10
28629	1 7/8	14	1 1/2	2 1/2	168.05
28630	1 15/16	14	1 1/2	2 1/2	176.10
28631	2	14	1 1/2	2 1/2	184.60
28632	2 1/8	14 1/2	1 1/2	2 3/4	201.65
28633	2 1/4	14 1/2	1 3/4	2 3/4	230.70
28634	2 1/2	15	1 3/4	3	272.80



TAPER SHANK • Straight Flute ~ No. 760C

Catalog EDI-Number	Dia.	Overall Length	Flute Length	Morse Taper	List Price
28661	3/8	7	3/4	1	\$44.15
28662	13/32	7	3/4	1	45.95
28663	7/16	7	7/8	1	46.35
28664	15/32	7	7/8	1	47.75
28665	1/2	8	1	1	48.60
28666	17/32	8	1	1	50.20
28667	9/16	8	1 1/8	1	50.95
28668	19/32	8	1 1/8	1	52.95
28669	5/8	9	1 1/4	2	53.70
28670	21/32	9	1 1/4	2	55.20
28671	11/16	9	1 1/4	2	56.00
28672	23/32	9	1 1/4	2	58.85
28673	3/4	9 1/2	1 3/8	2	61.60
28674	25/32	9 1/2	1 3/8	2	64.00
28675	13/16	9 1/2	1 3/8	2	65.40
28676	27/32	9 1/2	1 3/8	2	68.55
28677	7/8	10	1 1/2	2	71.90
28678	29/32	10	1 1/2	2	75.35
28679	15/16	10	1 1/2	3	77.65
28680	31/32	10	1 1/2	3	81.00
28681	1	10 1/2	1 5/8	3	85.60
28682	1 1/32	10 1/2	1 5/8	3	88.80
28683	1 1/16	10 1/2	1 5/8	3	92.65
28684	1 3/32	10 1/2	1 5/8	3	96.80
28685	1 1/8	11	1 3/4	3	99.95
28686	1 5/32	11	1 3/4	3	104.40
28687	1 3/16	11	1 3/4	3	108.95
28688	1 7/32	11	1 3/4	3	112.70
28689	1 1/4	11 1/2	1 7/8	4	117.85
28690	1 5/16	11 1/2	1 7/8	4	123.05
28691	1 3/8	12	2	4	127.95
28692	1 7/16	12	2	4	134.70
28693	1 1/2	12 1/2	2 1/8	4	181.65
28694	1 9/16	12 1/2	2 1/8	4	188.85
28695	1 5/8	13	2 1/4	4	198.10
28696	1 11/16	13	2 1/4	4	206.40
28697	1 3/4	13 1/2	2 3/8	5	217.40
28698	1 13/16	13 1/2	2 3/8	5	230.55
28699	1 7/8	14	2 1/2	5	239.70
28700	1 15/16	14	2 1/2	5	255.05
28701	2	14	2 1/2	5	264.10
28702	2 1/8	14 1/2	2 3/4	5	287.75
28703	2 1/4	14 1/2	2 3/4	5	327.35
28704	2 1/2	15	3	5	392.15

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



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EXPANSION HAND REAMERS



STRAIGHT FLUTES
Number 752 & 852



SPIRAL FLUTES
Number 750 & 850

Dia.	OAL	Flute Length	Number 752 Carbon Steel		Number 852 High Speed Steel		Number 750 Carbon Steel		Number 850 High Speed Steel	
			Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
1/4	4 1/4	1 7/16	28491	\$50.85	28541	\$91.75	28391	\$63.95	28441	\$84.20
5/16	4 1/2	1 3/4	28492	50.85	28542	95.65	28392	66.55	28442	92.85
3/8	5	1 3/4	28493	53.85	28543	97.60	28393	71.65	28443	98.25
7/16	5	1 3/4	28494	55.60	28544	101.10	28394	74.80	28444	101.40
1/2	5 1/2	1 13/16	28495	57.05	28545	105.40	28395	76.60	28445	104.85
9/16	6	2 1/8	28496	63.95	28546	107.60	28396	82.45	28446	111.95
5/8	6 1/2	2 1/2	28497	70.25	28547	109.95	28397	90.40	28447	122.80
11/16	6 3/4	2 1/2	28498	77.85	28548	117.05	28398	99.40	28448	134.15
3/4	7 1/16	2 11/16	28499	89.80	28549	136.10	28399	108.00	28449	146.65
13/16	7 9/16	3 1/16	28500	93.20	28550	150.65	28400	119.05	28450	163.85
7/8	8	3 5/16	28501	101.70	28551	161.35	28401	129.30	28451	176.55
15/16	8 3/8	3 9/16	28502	109.95	28552	173.95	28402	142.30	28452	192.45
1	8 7/8	3 3/4	28503	120.45	28553	185.55	28403	152.50	28453	206.85
1 1/16	9 3/16	4	28504	121.50	28554	197.80	28404	165.55	28454	221.75
1 1/8	9 1/2	4 1/8	28505	137.45	28555	209.90	28405	175.20	28455	240.15
1 3/16	9 7/8	4 1/4	28506	141.20	28556	224.10	28406	188.15	28456	253.90
1 1/4	10 1/4	4 3/8	28507	156.95	28557	238.50	28407	200.80	28457	297.30
1 5/16	10 5/8	4 1/2	28508	167.10	28558	266.70	28408	216.30	28458	322.05
1 3/8	11	4 9/16	28509	185.75	28559	293.85	28409	232.30	28459	351.05
1 7/16	11 3/8	4 3/4	28510	201.95	28560	373.35	28410	260.90	28460	389.25
1 1/2	11 5/8	4 13/16	28511	220.95	28561	398.70	28411	283.10	28461	458.70
1 9/16	11 3/4	4 13/16	28512	232.30	28562	420.00	28412	326.45	28462	483.45
1 5/8	12	4 7/8	28513	240.00	28563	432.90	28413	339.25	28463	503.50
1 11/16	12 1/4	4 7/8	28514	249.50	28564	453.25	28414	352.15	28464	526.55
1 3/4	12 3/8	5	28515	283.50	28565	514.95	28415	398.85	28465	591.20
1 13/16	12 9/16	5	28516	294.60	28566	543.45	28416	424.00	28466	614.55
1 7/8	12 3/4	5	28517	318.05	28567	574.85	28417	431.45	28467	653.80
1 15/16	12 7/8	5	28518	329.70	28568	601.75	28418	446.60	28468	677.85
2	13 1/16	5	28519	340.35	28569	650.05	28419	458.85	28469	699.15
2 1/8	13 1/4	5 1/8	28520	*	28570	*	28420	*	28470	*
2 1/4	13 1/2	5 1/8	28521	*	28571	*	28421	*	28471	*
2 3/8	14	5 1/4	28522	*	28572	*	28422	*	28472	*
2 1/2	14 1/2	5 3/8	28523	*	28573	*	28423	*	28473	*
2 5/8	15	5 1/2	28524	*	28574	*	28424	*	28474	*
2 3/4	15 1/2	5 3/4	28525	*	28575	*	28425	*	28475	*
2 7/8	15 1/2	5 3/4	28526	*	28576	*	28426	*	28476	*
3	16 1/2	6	28527	*	28577	*	28427	*	28477	*
3 1/8	17 1/4	6 1/8	28528	*	28578	*	28428	*	28478	*
3 3/16	18	6 1/4	28529	*	28579	*	28429	*	28479	*
3 1/4	18 1/2	6 1/2	28530	*	28580	*	28430	*	28480	*

* Prices upon application

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

BROWN & SHARPE TAPER REAMERS



# of Taper	Large End	Small End	Flute Length	OAL	Number 808 Carbon Steel		Number 908 High Speed Steel	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
1	.3176	.1974	2 7/8	4 3/4	29061	\$23.65	29091	\$32.65
2	.3781	.2474	3 1/8	5 1/8	29062	26.60	29092	36.95
3	.4510	.3099	3 3/8	5 1/2	29063	28.05	29093	39.20
4	.5017	.3474	3 11/16	5 7/8	29064	29.55	29094	41.05
5	.6145	.4474	4	6 3/8	29065	33.60	29095	46.40
6	.6808	.4974	4 3/8	6 7/8	29066	35.20	29096	48.60
7	.8011	.5974	4 7/8	7 1/2	29067	38.15	29097	53.35
8	.9770	.7474	5 1/2	8 1/8	29068	50.60	29098	70.35
9	1.1530	.8974	6 1/8	8 7/8	29069	64.10	29099	89.80
10	1.3376	1.0420	6 7/8	9 3/4	29070	84.80	29100	117.95

TAPER PIPE REAMERS High Speed Steel



Nom. Size	Small End	Large End	Flute Length	OAL	STRAIGHT FLUTE		SPIRAL FLUTE	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
1/8	0.316	0.362	3/4	2 1/8	28800	\$27.55	28810	\$30.35
1/4	0.406	0.472	1 1/16	2 7/16	28801	31.75	28811	34.65
3/8	0.540	0.606	1 1/16	2 9/16	28802	36.05	28812	39.40
1/2	0.665	0.751	1 3/8	3 1/8	28803	44.65	28813	48.45
3/4	0.876	0.962	1 3/8	3 1/4	28804	62.30	28814	65.30
1	1.103	1.212	1 3/4	3 3/4	28805	88.50	28815	96.85
1 1/4	1.444	1.553	1 3/4	4	28806	148.35	28816	165.70
1 1/2	1.684	1.793	1 3/4	4 1/4	28807	183.40	28817	199.70
2	2.159	2.268	1 3/4	4 1/2	28808	242.30	28818	267.35
2 1/2	2.561	2.717	2 9/16	5 1/2	28809	365.90	28819	406.65



CAR REAMERS High Speed Steel - Morse Taper Shank Helical Flutes

Catalog EDI-#	Morse Dia.	Decimal Taper	Flute Equiv.	Approx. Length	Point OAL	List Price
29040	5/16	1	.3125	2 3/4	5 11/16	\$35.95
29041	3/8	1	.3750	2 3/4	5 11/16	59.30
29042	7/16	2	.4375	3 1/2	6 15/16	71.55
29043	1/2	2	.5000	4	7 9/16	73.65
29044	9/16	2	.5625	4	7 9/16	77.85
29045	5/8	2	.6250	4 1/2	8 1/16	81.20
29046	11/16	3	.6875	4 1/2	8 13/16	90.60
29047	3/4	3	.7500	5	9 1/2	99.35
29048	13/16	3	.8125	5	9 1/2	107.75

CONSTRUCTION TAPER REAMERS High Speed Steel

RH Cut, LH Spiral, High Helix
Manufactured with safety stop

Catalog EDI-#	Size	OAL	Flute Length	Point Dia.	Shank Dia.	List Price
29049	3/8	5 1/4	3 5/8	.1645	3/8	\$37.90
29050	7/16	5 1/4	3 5/8	.1645	7/16	49.95
29051	1/2	6	4 3/8	.2340	1/2	57.60
29052	9/16	6 5/8	5	.2920	1/2	72.45
29053	5/8	6 5/8	5	.3520	1/2	83.80
29054	11/16	7	5 3/8	.4140	1/2	99.35
29055	3/4	7	5 3/8	.4770	1/2	115.30
29056	13/16	7 1/4	5 5/8	.5400	1/2	120.65
29057	7/8	7 1/4	5 5/8	.6020	1/2	146.20
29058	15/16	7 1/4	5 5/8	.6450	1/2	152.95
29059	1	7 1/4	5 5/8	.7270	1/2	159.40

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

HAND ROUGHING REAMERS



# of Taper	Large End	Small End	Flute Length	OAL	Number 800 Carbon Steel		Number 900 High Speed Steel	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
					0	.367	.250	2 1/4
1	.517	.367	3	5	28882	27.80	28912	45.00
2	.745	.569	3 1/2	6	28883	39.50	28913	59.35
3	.988	.775	4 1/4	7 1/4	28884	49.00	28914	78.05
4	1.289	1.017	5 1/4	8 1/2	28885	60.55	28915	114.50
5	1.799	1.471	6 1/4	9 3/4	28886	94.90	28916	219.30
6	2.555	2.112	8 1/2	12 1/4	28887	173.00	28917	530.90

HAND FINISHING REAMERS



# of Taper	Large End	Small End	Flute Length	OAL	Number 802 Carbon Steel		Number 902 High Speed Steel	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
					0	.367	.250	2 1/4
1	.517	.367	3	5	28822	24.25	28852	37.65
2	.745	.569	3 1/2	6	28823	27.00	28853	44.45
3	.988	.775	4 1/4	7 1/4	28824	40.40	28854	65.30
4	1.289	1.017	5 1/4	8 1/2	28825	48.45	28855	96.35
5	1.799	1.471	6 1/4	9 3/4	28826	79.55	28856	183.40
6	2.555	2.112	8 1/2	12 1/4	28827	144.70	28857	447.35

MACHINE ROUGHING REAMERS



# of Taper	Large End	Small End	Flute Length	OAL	Number 804 Carbon Steel		Number 904 High Speed Steel	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
					0	.367	.250	2 1/4
1	.517	.367	3	6 5/16	29002	42.65	29032	53.10
2	.745	.569	3 1/2	7 3/8	29003	46.80	29033	61.55
3	.988	.775	4 1/4	8 7/8	29004	64.40	29034	85.70
4	1.289	1.017	5 1/4	10 7/8	29005	86.30	29035	137.30
5	1.799	1.471	6 1/4	13 1/8	29006	145.55	29036	281.30
6	2.555	2.112	8 1/2	17 13/16	29007	295.25	29037	657.00

MACHINE FINISHING REAMERS



# of Taper	Large End	Small End	Flute Length	OAL	Number 806 Carbon Steel		Number 906 High Speed Steel	
					Catalog EDI-#	List Price	Catalog EDI-#	List Price
					0	.367	.250	2 1/4
1	.517	.367	3	6 5/16	28942	35.70	28972	49.55
2	.745	.569	3 1/2	7 3/8	28943	39.10	28973	59.90
3	.988	.775	4 1/4	8 7/8	28944	54.00	28974	82.40
4	1.289	1.017	5 1/4	10 7/8	28945	76.00	28975	130.25
5	1.799	1.471	6 1/4	13 1/8	28946	121.35	28976	257.25
6	2.555	2.112	8 1/2	17 13/16	28947	257.25	28977	607.10

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

BRIDGE REAMERS HIGH SPEED STEEL

Used to align bolt or rivet holes in bridge or structural iron work and boiler plates.

Catalog EDI-Number	Nominal Dia.	Point Dia.	OAL	Flute Length	Morse Taper Shank	List Price
28731	7/16	1/4	8 1/4	4 3/8	2	\$38.05
*	1/2	9/32	9	5 1/8	2	*
28732	9/16	11/32	9	5 1/8	2	38.05
*	5/8	3/8	10	6 1/8	2	*
28733	11/16	25/64	11 3/4	7 1/8	3	51.85
*	3/4	7/16	12	7 3/8	3	*
28734	13/16	1/2	12	7 3/8	3	59.50
*	7/8	9/16	12	7 3/8	3	*
28735	15/16	5/8	12	7 3/8	3	67.50
*	1	11/16	12	7 3/8	3	*
28736	1 1/16	3/4	12	7 3/8	3	79.05
*	1 1/8	13/16	12	7 3/8	3	*
28737	1 3/16	7/8	12	7 3/8	3	98.65
*	1 1/4	15/16	13	7 3/8	4	*
28738	1 5/16	1	13	7 3/8	4	124.90

*Prices upon application



**STRAIGHT FLUTE
No. 980**

Catalog EDI-Number	Nominal Dia.	Point Dia.	OAL	Flute Length	Morse Taper Shank	List Price
28761	7/16	1/4	8 1/4	4 3/8	2	\$31.90
28762	1/2	9/32	9	5 1/8	2	33.80
28763	9/16	11/32	9	5 1/8	2	35.40
28764	5/8	3/8	10	6 1/8	2	40.05
28765	11/16	25/64	11 3/4	7 1/8	3	47.95
28766	3/4	7/16	12	7 3/8	3	52.45
28767	13/16	1/2	12	7 3/8	3	54.20
28768	7/8	9/16	12	7 3/8	3	62.70
28769	15/16	5/8	12	7 3/8	3	65.10
28770	1	11/16	12	7 3/8	3	71.90
28771	1 1/16	3/4	12	7 3/8	3	79.05
28772	1 1/8	13/16	12	7 3/8	3	88.85
28773	1 3/16	7/8	12	7 3/8	3	98.65
28774	1 1/4	15/16	13	7 3/8	4	108.90
28775	1 5/16	1	13	7 3/8	4	124.90



**LEFT HAND HELICAL FLUTE
No. 982**

Catalog EDI-Number	Nominal Dia.	Point Dia.	OAL	Flute Length	Morse Taper Shank	List Price
*	7/16	1/4	8 1/4	4 3/8	2	*
*	1/2	9/32	9	5 1/8	2	*
*	9/16	11/32	9	5 1/8	2	*
*	5/8	3/8	10	6 1/8	2	*
28796	11/16	25/64	11 3/4	7 1/8	3	86.30
*	3/4	7/16	12	7 3/8	3	*
28797	13/16	1/2	12	7 3/8	3	102.10
*	7/8	9/16	12	7 3/8	3	*
28798	15/16	5/8	12	7 3/8	3	116.75
*	1	11/16	12	7 3/8	3	*
28799	1 1/16	3/4	12	7 3/8	3	132.95
*	1 1/8	13/16	12	7 3/8	3	*
*	1 3/16	7/8	12	7 3/8	3	*
*	1 1/4	15/16	13	7 3/8	4	*
*	1 5/16	1	13	7 3/8	4	*



**RIGHT HAND HELICAL FLUTE
No. 984**

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

BRIDGE REAMERS

HIGH SPEED STEEL
Short Straight Shank,
LH Spiral - RH Cut



NO. 504 STRAIGHT SHANK

NO. 505 MORSE TAPER SHANK

Catalog EDI-#	Cut Dia.	Point Dia.	Flute Length	Shank Dia.	OAL	Number of Teeth	List Price
29160	1/4	5/32	2 1/2	5/16	4 3/8	4	\$36.80
29161	5/16	3/16	2 3/4	3/8	4 5/8	4	37.25
29162	3/8	1/4	2 3/4	13/32	4 5/8	4	37.60
29163	7/16	1/4	3 1/2	1/2	5 3/8	5	41.20
29164	1/2	9/32	4	1/2	5 7/8	5	44.35
29165	9/16	11/32	4	1/2	5 7/8	5	47.20
29166	5/8	11/32	4 1/2	1/2	6 3/8	5	52.15
29167	21/32	3/8	4 1/2	1/2	6 3/8	5	58.15
29168	11/16	3/8	4 1/2	1/2	6 3/8	5	64.70
29169	3/4	13/32	5	1/2	6 7/8	5	69.30
29170	25/32	13/32	5	1/2	6 7/8	5	69.80
29171	13/16	7/16	5	1/2	6 7/8	5	71.45
29172	7/8	15/32	5	1/2	6 7/8	5	78.05
29173	15/16	9/16	5	1/2	6 7/8	5	90.60
29174	1	19/32	5	1/2	6 7/8	5	92.70
29175	1 1/16	5/8	5	1/2	6 7/8	5	105.60

SHELL REAMER ARBORS

These arbors are designed to fit Shell Reamers and Shell Mills having taper holes 1/8 inch per foot

Catalog EDI-# 504	List Price	Catalog EDI-# 505	List Price	No.	Fitting Sizes	OAL	Morse Taper	Dia. Shank
30531	\$61.45	30561	\$69.70	4	21/32-25/32	9	2	1/2
30532	68.10	30562	82.15	5	13/16-1 1/32	9 1/2	2	5/8
30533	75.20	30563	89.30	6	1 1/6-1 9/32	10	3	3/4
30534	82.10	30564	97.35	7	1 5/16-1 21/32	11	3	7/8
30535	91.30	30565	109.10	8	1 11/16-2	12	4	1 1/8
30536	102.80	30566	122.45	9	2 1/16-2 1/2	13	4	1 3/8
30537	120.15	30567	143.70	10	2 9/16-3	14	5	1 5/8
30538	171.40	30568	270.45	11	3 1/16-3 1/2	15	5	2
30539	238.15	30569	332.25	12	3 9/16-4	16	5	2 1/8

TAPER PIN REAMERS

STRAIGHT FLUTES
High Speed Steel
No. 776



SPIRAL FLUTES
High Speed Steel
No. 777



HELICAL FLUTES
High Speed Steel
No. 778



Size No.	Dia. of Shank	Dia.		OAL	Flute Length	Straight Flute Number 776		Spiral Flute Number 777		Helical Flute Number 778	
		Small End	Large End			Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
7/0	5/64	.0497	.0666	1 13/16	13/16	27896	\$21.70	27931	\$22.70	27971	\$20.40
6/0	3/32	.0611	.0806	1 15/16	15/16	27897	21.70	27932	22.70	27972	19.00
5/0	7/64	.0719	.0966	2 3/16	1 3/16	27898	19.80	27933	21.70	27073	19.70
4/0	1/8	.0869	.1142	2 5/16	1 5/16	27899	19.80	27934	21.20	27974	19.70
3/0	9/64	.1029	.1302	2 5/16	1 5/16	27900	19.80	27935	21.70	27975	17.80
2/0	5/32	.1137	.1462	2 9/16	1 9/16	27901	17.80	27936	19.00	27976	17.05
0	11/64	.1287	.1638	2 15/16	1 11/16	27902	16.65	27937	17.80	27977	17.80
1	3/16	.1447	.1798	2 15/16	1 11/16	27903	16.65	27938	18.50	27978	18.75
2	13/64	.1605	.2008	3 3/16	1 15/16	27904	16.65	27939	18.75	27979	21.20
3	15/64	.1813	.2294	3 11/16	2 5/16	27905	16.65	27940	18.75	27980	22.10
4	17/64	.2071	.2604	4 1/16	2 9/16	27906	18.50	27941	20.20	27981	26.75
5	5/16	.2409	.2994	4 5/16	2 13/16	27907	19.80	27942	21.60	27982	28.65
6	23/64	.2773	.3540	5 7/16	3 11/16	27908	23.95	27943	26.60	27983	33.60
7	13/32	.3297	.4220	6 5/16	4 7/16	27909	30.80	27944	33.40	27984	40.55
8	7/16	.3971	.5050	7 3/16	5 3/16	27910	39.30	27945	43.05	27985	46.60
9	9/16	.4805	.6066	8 5/16	6 1/16	27911	47.85	27946	52.10	27986	50.20
10	5/8	.5799	.7216	9 5/16	6 13/16	27912	52.50	27947	57.70	27987	66.80
11	3/4	.7060	.8780	11 1/4	8 1/4	27913	142.90	27948	152.05	27988	*
12	7/8	.8420	1.0500	13 5/8	10	27914	208.50	27949	238.45	27989	*
13	1 1/4	1.0090	1.2590	16	12	27915	316.80	27950	337.55	27990	*
14	1 1/2	1.2500	1.5420	18 1/4	14	27916	374.35	27951	380.10	27991	*

* Prices upon application

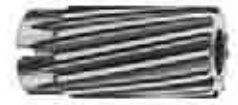
COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

SHELL REAMERS HIGH SPEED STEEL

Fluted shell reamers are designed as a sizing or finishing reamer and are held on an arbor provided with driving lugs. Flutes are cleared to edge. The holes in these reamers are tapered, 1/8 inch per foot.



STRAIGHT FLUTE
No. 910



SPIRAL FLUTE
No. 911

No. 910		No. 911		Dia. Whole Length	Fitting Hole LG End	Arbor No.	
Dia.	Catalog EDI-#	Straight Flute	Spiral Flute				
3/4	28011	\$61.45	28091	\$73.50	2 1/4	3/8	4
13/16	28012	63.55	28092	74.45	2 1/2	1/2	5
7/8	28013	68.00	28093	74.45	2 1/2	1/2	5
15/16	28014	71.45	28094	78.20	2 1/2	1/2	5
1	28015	75.70	28095	83.90	2 1/2	1/2	5
1 1/16	28016	82.05	28096	90.00	2 3/4	5/8	6
1 1/8	28017	83.65	28097	93.95	2 3/4	5/8	6
1 3/16	28018	90.00	28098	97.20	2 3/4	5/8	6
1 1/4	28019	91.30	28099	101.40	2 3/4	5/8	6
1 5/16	28020	96.95	28100	105.65	3	3/4	7
1 3/8	28021	103.20	28101	112.00	3	3/4	7
1 7/16	28022	113.45	28102	122.65	3	3/4	7
1 1/2	28023	120.20	28103	129.45	3	3/4	7
1 9/16	28024	135.25	28104	145.15	3	3/4	7
1 5/8	28025	144.00	28105	158.30	3	3/4	7
1 11/16	28026	158.30	28106	173.30	3 1/2	1	8
1 3/4	28027	167.55	28107	183.95	3 1/2	1	8
1 13/16	28028	178.90	28108	197.00	3 1/2	1	8
1 7/8	28029	190.70	28109	208.95	3 1/2	1	8
1 15/16	28030	202.55	28110	222.70	3 1/2	1	8
2	28031	210.05	28111	228.95	3 1/2	1	8
2 1/16	28032	227.15	28112	250.15	3 3/4	1 1/4	9
2 1/8	28033	238.40	28113	262.15	3 3/4	1 1/4	9
2 3/16	28034	253.30	28114	279.15	3 3/4	1 1/4	9
2 1/4	28035	262.15	28115	287.80	3 3/4	1 1/4	9
2 5/16	28036	276.90	28116	304.75	3 3/4	1 1/4	9
2 3/8	28037	288.45	28117	317.25	3 3/4	1 1/4	9

No. 910		No. 911		Dia. Whole Length	Fitting Hole LG End	Arbor No.	
Dia.	Catalog EDI-#	Straight Flute	Spiral Flute				
2 7/16	28038	\$297.65	28118	\$329.90	3 3/4	1 1/4	9
2 1/2	28039	308.30	28119	338.95	3 3/4	1 1/4	9
2 9/16	28040	323.25	28120	356.50	4	1 1/2	10
2 5/8	28041	343.45	28121	378.15	4	1 1/2	10
2 11/16	28042	363.45	28122	399.50	4	1 1/2	10
2 3/4	28043	382.65	28123	421.50	4	1 1/2	10
2 13/16	28044	402.50	28124	442.65	4	1 1/2	10
2 7/8	28045	426.75	28125	469.05	4	1 1/2	10
2 15/16	28046	450.70	28126	494.80	4	1 1/2	10
3	28047	473.95	28127	521.40	4	1 1/2	10
3 1/16	28048	*	28128	*	4 1/2	1 3/4	11
3 1/8	28049	*	28129	*	4 1/2	1 3/4	11
3 3/16	28050	*	28130	*	4 1/2	1 3/4	11
3 1/4	28051	*	28131	*	4 1/2	1 3/4	11
3 5/16	28052	*	28132	*	4 1/2	1 3/4	11
3 3/8	28053	*	28133	*	4 1/2	1 3/4	11
3 7/16	28054	*	28134	*	4 1/2	1 3/4	11
3 1/2	28055	*	28135	*	4 1/2	1 3/4	11
3 9/16	28056	*	28136	*	5	2	12
3 5/8	28057	*	28137	*	5	2	12
3 11/16	28058	*	28138	*	5	2	12
3 3/4	28059	*	28139	*	5	2	12
3 13/16	28060	*	28140	*	5	2	12
3 7/8	28061	*	28141	*	5	2	12
3 15/16	28062	*	28142	*	5	2	12
4	28063	*	28143	*	5	2	12

CARBIDE TIPPED STRAIGHT FLUTE SHELL REAMERS



Tool Diameter Decimal Frac.	Hole Dia. Lg End	Fits Arbor #	# of Flts	Length			EDI-#	List Price	
				Fit	Carb	OAL			
.7500	3/4	3/8	4	6	1 3/4	1	2 1/4	29200	\$160.55
.7812	25/32	3/8	4	6	1 15/16	1	2 1/4	29202	162.75
.8125	13/16	1/2	5	6	1 15/16	1	2 1/2	29204	162.75
.8750	7/8	1/2	5	6	1 15/16	1	2 1/2	29206	171.65
.9375	15/16	1/2	5	8	1 15/16	1	2 1/2	29208	171.65
1.0000	1	1/2	5	8	1 15/16	1	2 1/2	29210	173.90
1.0625	1 1/16	5/8	6	8	2 1/8	1	2 3/4	29212	178.35
1.1250	1 1/8	5/8	6	8	2 1/8	1	2 3/4	29214	180.55
1.1875	1 3/16	5/8	6	8	2 1/8	1 1/8	2 3/4	29216	182.80
1.2500	1 1/4	5/8	6	8	2 1/8	1 1/8	2 3/4	29218	191.70
1.3125	1 5/16	3/4	7	8	2 1/4	1 1/8	3	29220	193.90
1.3750	1 3/8	3/4	7	8	2 1/4	1 1/8	3	29222	198.35
1.4375	1 7/16	3/4	7	8	2 1/4	1 1/8	3	29224	202.80
1.5000	1 1/2	3/4	7	8	2 1/4	1 1/8	3	29226	209.50
1.5625	1 9/16	3/4	7	10	2 1/4	1 1/8	3	29228	227.30
1.6250	1 5/8	3/4	7	10	2 1/4	1 1/8	3	29230	236.20
1.6875	1 11/16	1	8	10	2 3/4	1 1/8	3 1/2	29232	251.80
1.7500	1 3/4	1	8	10	2 3/4	1 1/8	3 1/2	29234	251.80

*Prices on Application

Tool Diameter Decimal Frac.	Hole Dia. Lg End	Fits Arbor #	# of Flts	Length			EDI-#	List Price	
				Fit	Carb	OAL			
1.8125	1 13/16	1	8	10	2 3/4	1 1/8	3 1/2	29236	\$267.35
1.8750	1 7/8	1	8	10	2 3/4	1 1/8	3 1/2	29238	267.35
1.9375	1 15/16	1	8	10	2 3/4	1 1/8	3 1/2	29240	282.95
2.0000	2	1	8	10	2 3/4	1 1/8	3 1/2	29242	282.95
2.0625	2 1/16	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29244	300.75
2.1250	2 1/8	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29246	300.75
2.1875	2 3/16	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29248	323.00
2.2500	2 1/4	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29250	323.00
2.3125	2 5/16	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29252	338.60
2.3750	2 3/8	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29254	338.60
2.4375	2 7/16	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29256	354.20
2.5000	2 1/2	1 1/4	9	12	2 7/8	1 1/8	3 3/4	29258	354.20
2.5625	2 9/16	1 1/2	10	14	3 1/8	1 1/8	4	29260	384.20
2.6250	2 5/8	1 1/2	10	14	3 1/8	1 1/8	4	29262	396.70
2.6875	2 11/16	1 1/2	10	14	3 1/8	1 1/8	4	29264	410.30
2.7500	2 3/4	1 1/2	10	14	3 1/8	1 1/8	4	29266	422.90
2.8125	2 13/16	1 1/2	10	14	3 1/8	1 1/8	4	29268	436.15
2.8750	2 7/8	1 1/2	10	14	3 1/8	1 1/8	4	29270	451.70
2.9375	2 15/16	1 1/2	10	14	3 1/8	1 1/8	4	29272	467.35
3.0000	3	1 1/2	10	14	3 1/8	1 1/8	4	29274	482.95

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details

JOBBER REAMERS

TAPER SHANK ~ STRAIGHT FLUTE

These reamers have the same design as Hand Reamers but with a tapered shank.



Catalog EDI-Number	Dia.	Flute Length	Overall Length	Morse Taper	List Price
52001	1/4	2	5 3/16	1	\$39.80
52002	9/32	2	5 3/16	1	39.80
52003	5/16	2 1/4	5 1/2	1	39.80
52004	11/32	2 1/4	5 1/2	1	41.05
52005	3/8	2 1/2	5 13/16	1	41.05
52006	13/32	2 1/2	5 13/16	1	41.05
52007	7/16	2 3/4	6 1/8	1	41.05
52008	15/16	2 3/4	6 1/8	1	43.60
52009	1/2	3	6 7/16	1	43.60
52010	17/32	3	6 7/16	1	43.60
52011	9/16	3 1/4	6 3/4	1	44.80
52012	19/32	3 1/4	6 3/4	1	44.80
52013	5/8	3 1/2	7 9/16	2	46.10
52014	21/32	3 1/2	7 9/16	2	46.10
52015	11/16	3 7/8	8	2	54.90

Catalog EDI-Number	Dia.	Flute Length	Overall Length	Morse Taper	List Price
52016	23/32	3 7/8	8	2	\$62.30
52017	3/4	4 3/16	8 3/8	2	65.25
52018	25/32	4 3/16	8 3/8	2	71.80
52019	13/16	4 9/16	8 3/8	2	71.80
52020	27/32	4 7/8	9 3/16	2	84.75
52021	7/8	4 7/8	9 3/16	2	84.75
52022	15/16	5 1/8	10	3	92.80
52023	1	5 7/16	10 3/8	3	97.55
52024	1 1/16	5 5/8	10 5/8	3	110.25
52025	1 1/8	5 13/16	10 7/8	3	118.60
52026	1 3/16	6	11 1/8	3	129.55
52027	1 1/4	6 1/8	12 9/16	4	137.60
52028	1 5/16	6 1/4	12 11/16	4	165.40
52029	1 3/8	6 5/16	12 13/16	4	169.80
52030	1 7/16	6 7/16	13	4	183.10
52031	1 1/2	6 1/2	13 1/8	4	189.55

JIG BORER REAMERS – RHS-RHC

TAPER SHANK ~ STRAIGHT FLUTE



Catalog EDI-Number	Sizes	Dec. Equiv.	Shank Length	Overall Length	No. of Flutes	List Price
52101	1/8	.1250	3/8	2 9/16	4	\$65.40
52102	5/32	.1562	3/8	2 9/16	4	65.40
52103	3/16	.1875	3/8	2 13/16	4	74.10
52104	7/32	.2188	3/8	2 13/16	4	74.10
52105	1/4	.2500	3/8	3 5/16	4	75.35
52106	9/32	.2812	3/8	3 5/16	4	75.35
52107	5/16	.3125	3/8	3 9/16	6	82.70
52108	11/32	.3438	3/8	3 9/16	6	82.70
52109	3/8	.3750	3/8	3 9/16	6	82.70
52110	13/32	.4062	1/2	4 5/16	6	95.80

Catalog EDI-Number	Sizes	Dec. Equiv.	Shank Length	Overall Length	No. of Flutes	List Price
52111	7/16	.4375	1/2	4 5/16	6	\$95.80
52112	15/32	.4688	1/2	4 5/16	6	95.80
52113	1/2	.5000	1/2	4 5/16	6	95.80
52114	9/16	.5625	1/2	4 5/16	6	98.05
52115	5/8	.6250	1/2	4 5/16	6	119.80
52116	11/16	.6875	1/2	4 5/16	6	124.05
52117	3/4	.7500	1/2	4 5/16	8	129.50
52118	13/16	.8125	1/2	4 5/16	8	175.80
52119	7/8	.8750	1/2	4 5/16	8	178.40
52120	15/16	.9375	1/2	4 5/16	8	185.30
52121	1	1.0000	1/2	4 5/16	8	194.60

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details



STRAIGHT FLUTE
Number 820 & 920

SPIRAL FLUTES
Number 821 & 921

Dia.	OAL	Flute Length	Number 820 Carbon Steel		Number 920 High Speed Steel		Number 821 Carbon Steel		Number 921 High Speed Steel	
			Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price	Catalog EDI-#	List Price
1/8	3	1 1/2	28161	\$17.25	28231	\$22.25	28291	\$19.55	*	*
9/64	3 1/4	1 5/8	28162	19.00	*	*	*	*	*	*
5/32	3 1/4	1 5/8	28163	19.00	28232	25.90	28292	21.00	*	*
11/64	3 1/2	1 3/4	28164	19.00	*	*	*	*	*	*
3/16	3 1/2	1 3/4	28165	19.00	28233	23.65	28293	21.00	*	*
13/64	3 3/4	1 7/8	28166	20.30	*	*	*	*	*	*
7/32	3 3/4	1 7/8	28167	20.30	28234	26.05	28294	27.50	*	*
15/64	4	2	28168	20.30	*	*	*	*	*	*
1/4	4	2	28169	20.30	28235	25.00	28295	27.50	28331	28.05
17/64	4 1/4	2 1/8	28170	21.65	*	*	*	*	*	*
9/32	4 1/4	2 1/8	28171	21.65	28236	28.05	28296	23.95	28332	30.80
19/64	4 1/2	2 1/4	28172	21.65	*	*	*	*	*	*
5/16	4 1/2	2 1/4	28173	21.65	28237	27.40	28297	23.95	28333	21.40
21/64	4 3/4	2 3/8	28174	26.40	*	*	*	*	*	*
11/32	4 3/4	2 3/8	28175	26.40	28238	31.25	28298	26.75	28334	34.60
23/64	5	2 1/2	28176	26.40	*	*	*	*	*	*
3/8	5	2 1/2	28177	26.40	28239	30.60	28299	26.75	28335	34.60
25/64	5 1/4	2 5/8	28178	30.05	*	*	*	*	*	*
13/32	5 1/4	2 5/8	28179	30.05	28240	35.40	28300	30.80	28336	38.40
27/64	5 1/2	2 3/4	28180	30.05	*	*	*	*	*	*
7/16	5 1/2	2 3/4	28181	30.05	28241	34.60	28301	30.80	28337	38.40
29/64	5 3/4	2 7/8	28182	32.90	*	*	*	*	*	*
15/32	5 3/4	2 7/8	28183	32.90	28242	38.40	28302	33.60	28338	42.45
31/64	6	3	28184	32.90	*	*	*	*	*	*
1/2	6	3	28185	32.90	28243	36.90	28303	33.60	28339	41.20
17/32	6 1/4	3 1/8	28186	35.15	28244	43.30	*	*	28340	48.10
9/16	6 1/2	3 1/4	28187	35.15	28245	42.45	28304	36.85	28341	48.30
19/32	6 3/4	3 3/8	28188	37.85	28246	47.10	*	*	28342	52.50
5/8	7	3 1/2	28189	37.85	28247	45.75	28305	36.85	28343	51.65
21/32	7 3/8	3 11/16	28190	41.20	28248	51.15	*	*	28344	56.75
11/16	7 3/4	3 7/8	28191	41.20	28249	50.20	28306	39.85	28345	56.25
23/32	8 1/8	4 1/16	28192	44.05	28250	54.90	*	*	28346	60.80
3/4	8 3/8	4 3/16	28193	44.05	28251	53.50	28307	43.45	28347	59.65
25/32	8 3/4	4 3/8	28194	47.00	28252	58.40	*	*	28348	64.85
13/16	9 1/8	4 9/16	28195	47.00	28253	58.25	28308	46.30	28349	64.85
27/32	9 3/8	4 11/16	28196	51.30	28254	61.30	*	*	28350	71.05
7/8	9 3/4	4 7/8	28197	51.30	28255	64.85	28309	49.35	28351	70.50
29/32	10	5	28198	61.90	28256	68.40	*	*	28352	79.00
15/16	10 1/4	5 1/8	28199	61.90	28257	72.30	28310	48.65	28353	79.00
31/32	10 5/8	5 5/16	28200	68.10	28258	75.30	*	*	28354	87.10
1	10 7/8	5 7/16	28201	68.10	28259	78.50	28311	60.80	28355	87.70
1 1/16	11 1/4	5 5/8	28202	69.65	28260	97.25	*	*	28356	96.65
1 1/8	11 5/8	5 13/16	28203	76.00	28261	114.05	*	*	28357	106.55
1 3/16	12	6	28204	84.40	28262	119.50	*	*	28358	119.50
1 1/4	12 1/4	6 1/8	28205	93.15	28263	119.80	*	*	28359	129.80
1 5/16	12 1/2	6 1/4	28206	100.30	28264	141.45	*	*	28360	143.90
1 3/8	12 5/8	6 5/16	28207	109.75	28265	141.60	*	*	28361	154.80
1 7/16	12 7/8	6 7/16	28208	119.15	28266	166.95	*	*	28362	169.95
1 1/2	13	6 1/2	28209	138.70	28267	167.10	*	*	28363	183.30

*Prices on application

COATINGS AVAILABLE ON EVERY TOOL ** See Page 161 for details