

HIGH SPEED STEEL

**CHUCKING REAMERS**

FRACTIONAL SIZES - STRAIGHT SHANK  
SERIES 50: STRAIGHT FLUTE  
SERIES 51: SPIRAL FLUTE (RH)



STRAIGHT FLUTE



SPIRAL FLUTE



Size	Flute Length	Overall Length	Straight Flute		Spiral Flute	
			Order No.	Price	Spiral Flute	Price
1/32	1/2	2-1/2	1115002		234002	
3/64	1/2	2-1/2	1115003		234003	
1/16	1/2	2-1/2	1115004		1120004	
5/64	3/4	3	1115005		1120005	
3/32	3/4	3	1115006		1120006	
7/64	7/8	3-1/2	1115007		1120007	
1/8	7/8	3-1/2	1115008		1120008	
9/64	1	4	1115009		1120009	
5/32	1	4	1115010		1120010	
11/64	1-1/8	4-1/2	1115011		1120011	
3/16	1-1/8	4-1/2	1115012		1120012	
13/64	1-1/4	5	1115013		1120013	
7/32	1-1/4	5	1115014		1120014	
15/64	1-1/2	6	1115015		1120015	
1/4	1-1/2	6	1115016		1120016	
17/64	1-1/2	6	1115017		1120017	
9/32	1-1/2	6	1115018		1120018	
19/64	1-1/2	6	1115019		1120019	
5/16	1-1/2	6	1115020		1120020	
21/64	1-1/2	6	1115021		1120021	
11/32	1-1/2	6	1115022		1120022	
23/64	1-3/4	7	1115023		1120023	
3/8	1-3/4	7	1115024		1120024	
25/64	1-3/4	7	1115025		1120025	
13/32	1-3/4	7	1115026		1120026	
27/64	1-3/4	7	1115027		1120027	
7/16	1-3/4	7	1115028		1120028	
29/64	1-3/4	7	1115029		1120029	
15/32	1-3/4	7	1115030		1120030	
31/64	2	8	1115031		1120031	
1/2	2	8	1115032		1120032	
33/64	2	8	1115033		1120033	
17/32	2	8	1115034		1120034	
35/64	2	8	1115035		1120035	
9/16	2	8	1115036		1120036	
37/64	2	8	1115037		1120037	
19/32	2	8	1115038		1120038	
39/64	2-1/4	9	1115039		1120039	
5/8	2-1/4	9	1115040		1120040	
41/64	2-1/4	9	1115041		1120041	
21/32	2-1/4	9	1115042		1120042	
43/64	2-1/4	9	1115043		1120043	
11/16	2-1/4	9	1115044		1120044	
45/64	2-1/4	9	1115045		1120045	
23/32	2-1/4	9	1115046		1120046	
47/64	2-1/2	9-1/2	1115047		234047	
3/4	2-1/2	9-1/2	1115048		1120048	
49/64	2-1/2	9-1/2	1115049		234049	
25/32	2-1/2	9-1/2	1115050		1120050	
51/64	2-1/2	9-1/2	1115051		234051	
13/16	2-1/2	9-1/2	1115052		1120052	
53/64	2-1/2	9-1/2	1115053		234053	
27/32	2-1/2	9-1/2	1115054		1120054	
55/64	2-5/8	10	1115055		234055	
7/8	2-5/8	10	1115056		1120056	
57/64	2-5/8	10	1115057		234057	
29/32	2-5/8	10	1115058		1120058	
59/64	2-5/8	10	1115059		234059	
15/16	2-5/8	10	1115060		1120060	
61/64	2-5/8	10	1115061		234061	
31/32	2-5/8	10	1115062		1120062	
63/64	2-3/4	10-1/2	1115063		234063	
1	2-3/4	10-1/2	1115064		1120064	
1-1/32	2-3/4	10-1/2	1115066		-	

Size	Flute Length	Overall Length	Straight Flute		Spiral Flute	
			Order No.	Price	Order No.	Price
1-1/16	2-3/4	10-1/2	1115068		1120068	
1-3/32	2-7/8	11	1115070		-	
1-1/8	2-7/8	11	1115072		1120072	
1-5/32	2-7/8	11	1115074		-	
1-3/16	2-7/8	11	1115076		1120076	
1-1/4	3	11-1/2	1115080		1120080	
1-5/16	3	11-1/2	1115084		1120084	
1-3/8	3-1/4	12	1115088		1120088	
1-7/16	3-1/4	12-1/2	1115092		1120092	
1-1/2	3-1/2	12-1/2	1115096		1120096	
1-9/16	3-1/2	12-1/2	1115136		-	
1-5/8	3-1/2	13	1115140		234140	
1-11/16	3-1/2	13	1115144		-	
1-3/4	4	13-1/2	1115148		-	
1-7/8	4	14	1115156		-	
2	4	14	1115200		-	

HIGH SPEED STEEL

**CHUCKING REAMERS**

LETTER SIZES  
SERIES 57: STRAIGHT SHANK / STRAIGHT FLUTE



Size	Decimal Equivalent	Flute Length	Overall Length	Order Number	Price
A	.2340	1-1/2	6	1150001	
B	.2380	1-1/2	6	1150002	
C	.2420	1-1/2	6	1150003	
D	.2460	1-1/2	6	1150004	
E	.2500	1-1/2	6	1150005	
F	.2570	1-1/2	6	1150006	
G	.2610	1-1/2	6	1150007	
H	.2660	1-1/2	6	1150008	
I	.2720	1-1/2	6	1150009	
J	.2770	1-1/2	6	1150010	
K	.2810	1-1/2	6	1150011	
L	.2900	1-1/2	6	1150012	
M	.2950	1-1/2	6	1150013	
N	.3020	1-1/2	6	1150014	
O	.3160	1-1/2	6	1150015	
P	.3230	1-1/2	6	1150016	
Q	.3320	1-1/2	6	1150017	
R	.3390	1-1/2	6	1150018	
S	.3480	1-3/4	7	1150019	
T	.3580	1-3/4	7	1150020	
U	.3680	1-3/4	7	1150021	
V	.3770	1-3/4	7	1150022	
W	.3860	1-3/4	7	1150023	
X	.3970	1-3/4	7	1150024	
Y	.4040	1-3/4	7	1150025	
Z	.4130	1-3/4	7	1150026	

(Continued)

CUTTING TOOLS - REAMERS

COBALT STEEL

**CHUCKING REAMERS**

STRAIGHT SHANK / STRAIGHT FLUTE  
SERIES 534:



HIGH SPEED STEEL

**CHUCKING REAMERS**

WIRE GAUGE SIZES  
SERIES 54: STRAIGHT SHANK / STRAIGHT FLUTE



CUTTING TOOLS - REAMERS

Size	Flute Length	Overall Length	Order Number	Price
1/16	1/2	2-1/2	5340104	
5/64	3/4	3	5340105	
3/32	3/4	3	5340106	
7/64	7/8	3-1/2	5340107	
1/8	7/8	3-1/2	5340108	
9/64	1	4	5340109	
5/32	1	4	5340110	
11/64	1-1/8	4-1/2	5340111	
3/16	1-1/8	4-1/2	5340112	
13/64	1-1/4	5	5340113	
7/32	1-1/4	5	5340114	
15/64	1-1/2	6	5340115	
1/4	1-1/2	6	5340116	
17/64	1-1/2	6	5340117	
9/32	1-1/2	6	5340118	
19/64	1-1/2	6	5340119	
5/16	1-1/2	6	5340120	
21/64	1-1/2	6	5340121	
11/32	1-1/2	6	5340122	
23/64	1-3/4	7	5340123	
3/8	1-3/4	7	5340124	
25/64	1-3/4	7	5340125	
13/32	1-3/4	7	5340126	
27/64	1-3/4	7	5340127	
7/16	1-3/4	7	5340128	
29/64	1-3/4	7	5340129	
15/32	1-3/4	7	5340130	
31/64	2	8	5340131	
1/2	2	8	5340132	
17/32	2	8	5340134	
9/16	2	8	5340136	
19/32	2	8	5340138	
5/8	2-1/4	9	5340140	
21/32	2-1/4	9	5340142	
11/16	2-1/4	9	5340144	
23/32	2-1/4	9	5340146	
3/4	2-1/2	9-1/2	5340148	
25/32	2-1/2	9-1/2	5340150	
13/16	2-1/2	9-1/2	5340152	
27/32	2-1/2	9-1/2	5340154	
7/8	2-5/8	10	5340156	
29/32	2-5/8	10	5340158	
15/16	2-5/8	10	5340160	
31/32	12-5/8	10	5340162	
1	2-3/4	10-1/2	5340164	

Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1	.2280	1-1/2	6	1135001	
2	.2210	1-1/2	6	1135002	
3	.2130	1-1/4	5	1135003	
4	.2090	1-1/4	5	1135004	
5	.2055	1-1/4	5	1135005	
6	.2040	1-1/4	5	1135006	
7	.2010	1-1/4	5	1135007	
8	.1990	1-1/4	5	1135008	
9	.1960	1-1/4	5	1135009	
10	.1935	1-1/4	5	1135010	
11	.1910	1-1/4	5	1135011	
12	.1890	1-1/8	4-1/2	1135012	
13	.1850	1-1/8	4-1/2	1135013	
14	.1820	1-1/8	4-1/2	1135014	
15	.1800	1-1/8	4-1/2	1135015	
16	.1770	1-1/8	4-1/2	1135016	
17	.1730	1-1/8	4-1/2	1135017	
18	.1695	1-1/8	4-1/2	1135018	
19	.1660	1-1/8	4-1/2	1135019	
20	.1610	1-1/8	4-1/2	1135020	
21	.1590	1-1/8	4-1/2	1135021	
22	.1570	1	4	1135022	
23	.1540	1	4	1135023	
24	.1520	1	4	1135024	
25	.1495	1	4	1135025	
26	.1470	1	4	1135026	
27	.1440	1	4	1135027	
28	.1405	1	4	1135028	
29	.1360	1	4	1135029	
30	.1285	7/8	3-1/2	1135030	
31	.1200	7/8	3-1/2	1135031	
32	.1160	7/8	3-1/2	1135032	
33	.1130	7/8	3-1/2	1135033	
34	.1110	7/8	3-1/2	1135034	
35	.1100	7/8	3-1/2	1135035	
36	.1065	7/8	3-1/2	1135036	
37	.1040	7/8	3-1/2	1135037	
38	.1015	7/8	3-1/2	1135038	
39	.0995	7/8	3-1/2	1135039	
40	.0980	7/8	3-1/2	1135040	
41	.0960	7/8	3-1/2	1135041	
42	.0935	3/4	3	1135042	
43	.0890	3/4	3	1135043	
44	.0860	3/4	3	1135044	
45	.0820	3/4	3	1135045	
46	.0810	3/4	3	1135046	
47	.0785	3/4	3	1135047	
48	.0760	3/4	3	1135048	
49	.0730	3/4	3	1135049	
50	.0700	3/4	3	1135050	
51	.0670	3/4	3	1135051	
52	.0635	1/2	2-1/2	1135052	
53	.0595	1/2	2-1/2	1135053	
54	.0550	1/2	2-1/2	1135054	
55	.0520	1/2	2-1/2	1135055	
56	.0465	1/2	2-1/2	1135056	
57	.0430	1/2	2-1/2	1135057	
58	.0420	1/2	2-1/2	1135058	
59	.0410	1/2	2-1/2	1135059	
60	.0400	1/2	2-1/2	1135060	

HIGH SPEED STEEL

**CHUCKING REAMERS**

DOWEL PIN SIZES STRAIGHT SHANK / STRAIGHT  
SERIES 52:



Size	Flute Lgth	Overall Lgth	Order No.	Price
.1230	7/8	3-1/2	2651230	
.1247	7/8	3-1/2	2651247	
.1855	1-1/8	4-1/2	2651855	
.1870	1-1/8	4-1/2	2651870	
.2480	1-1/2	6	2652480	
.2495	1-1/2	6	2652495	
.3105	1-1/2	6	2653105	
.3120	1-1/2	6	2653120	
.3730	1-3/4	7	2653730	
.3745	1-3/4	7	2653745	
.4355	1-3/4	7	2654355	
.4370	1-3/4	7	2654370	
.4980	2	8	2654980	
.4995	2	8	2654995	

HIGH SPEED STEEL

**CHUCKING REAMERS**  
**OVERSIZE AND UNDERSIZE**  
STRAIGHT SHANK / STRAIGHT FLUTE  
SERIES 53:



HIGH SPEED STEEL

**CHUCKING REAMERS**  
**METRIC SIZES**  
SERIES 701: STRAIGHT FLUTE/ STRAIGHT SHANK



Size	Flute Lgth	Overall Lgth	Order No.	Price
.124	7/8	3-1/2	2701240	
.1245	7/8	3-1/2	2701245	
.1255	7/8	3-1/2	2701255	
.126	7/8	3-1/2	2701260	
.1865	1-1/8	4-1/2	2701865	
.188	1-1/8	4-1/2	2701880	
.1885	1-1/8	4-1/2	2701885	
.249	1-1/2	6	2702490	
.2505	1-1/2	6	2702505	
.251	1-1/2	6	2702510	
.3115	1-1/2	6	2703115	
.313	1-1/2	6	2703130	
.3135	1-1/2	6	2703135	
.374	1-3/4	7	2703740	
.3755	1-3/4	7	2703755	
.376	1-3/4	7	2703760	
.4365	1-3/4	7	2704365	
.438	1-3/4	7	2704380	
.4385	1-3/4	7	2704385	
.499	2	8	2704990	
.5005	2	8	2705005	
.501	2-1/4	8	2705010	
.624	2-1/4	9	2706240	
.626	2-1/2	9	2706260	
.749	2-1/2	9-1/2	2707490	
.751	2-5/8	9-1/2	2707510	
.874	2-5/8	10	2708740	
.876	2-3/4	10	2708760	
.999	2-3/4	10-1/2	2709990	
1.001	2-3/4	10-1/2	2710010	

Size Diameter (mm)	Flute Lgth (mm)	Overall Lgth (mm)	Shank Diameter (mm)	Order No.	Price
2.5	14	57	2.5	7010025	
3	15	61	3	7010030	
3.2	16	65	3.2	7010132	
3.5	18	70	3.5	7010035	
4	19	75	4	7010040	
4.5	21	80	4.5	7010045	
5	23	86	5	7010050	
5.5	26	93	5.6	7010055	
6	26	93	5.6	7010060	
6.5	28	101	6.3	7010065	
7	31	109	7.1	7010070	
7.5	31	109	7.1	7010075	
8	33	117	8	7010080	
8.5	33	117	8	7010085	
9	36	125	9	7010090	
9.5	36	125	9	7010095	
10	38	133	10	7010100	
10.5	38	133	10	7010105	
11	41	142	10	7010110	
11.5	41	142	10	7010115	
12	44	151	10	7010120	
12.5	44	151	10	7010125	
13	44	151	10	7010130	
13.5	47	160	12.5	7010135	
14	47	160	12.5	7010140	
14.5	50	162	12.5	7010145	
15	50	162	12.5	7010150	
15.5	52	170	12.5	7010155	
16	52	170	12.5	7010160	
16.5	54	175	14	7010165	
17	54	175	14	7010170	
17.5	56	182	14	7010175	
18	56	182	14	7010180	
18.5	58	189	16	7010185	
19	58	189	16	7010190	
19.5	60	195	16	7010195	
20	60	195	16	7010200	
20.5	60	215	18	7012050	
21	60	215	18	7012100	
21.5	60	225	18	7012150	
22	60	225	18	7012200	
22.5	60	230	18	7012250	
23	60	230	18	7012300	
23.5	60	240	20	7012350	
24	60	240	20	7012400	
24.5	60	245	20	7012450	
25	60	245	20	7012500	

HIGH SPEED STEEL  
**REAMER SETS**  
SERIES 115: MEDA  
SERIES 982: L&I



Other sets available.  
See our website or inquire.



Supplied in metal HUOT case except where otherwise indicated.

Set Description	Pieces per Set	MEDA		LAVALLE & IDE	
		Order No.	Price	Order No.	Price
<b>Chuckling</b> Straight Shank / Straight Flute					
Wire Gauge - #1 thru #60	60	1135160		9829062	
Fractional - 1/16" thru 1/2" by 64ths	29	1115500		9829054	
Letter - A thru Z	26	1150126		9829065	
Over and Undersize - .124 thru .501 by 16ths	14	2700000		9829068*	
Dowel Pin - .123 thru .4995 by 16ths	14	0520014		9829069*	
1 - 13mm x .5mm	25	7010113		9829072**	
<b>Chuckling</b> Straight Shank / Spiral Flute					
Fractional - 1/16" thru 1/2" by 64ths	29	0510029		9829052	



For  
**Huot**  
Chuckling Reamer  
Indexes ..... see page 746  
Dispensers ..... see page 747

\* Supplied in vinyl pouch.

\*\*Supplied with wood block.

**CHUCKING REAMERS**

**STRAIGHT SHANK**

SERIES 982:

HIGH SPEED STEEL STRAIGHT FLUTE

HIGH SPEED STEEL SPIRAL FLUTE, RIGHT HAND CUT

COBALT STEEL STRAIGHT FLUTE



**LAVALLEE & IDE**

MADE IN THE USA



Straight Flute



Spiral Flute

Sizes included: Fractional, Wire Gage, Letter, Metric, Over/Under, Dowel Pin

Dia.	Dec. Equiv.	Flute Length	Number Flutes	Overall Length	Shank Dia.	STRAIGHT FLUTE		SPIRAL FLUTE		COBALT	
						Order No.	Price	Order No.	Price	Order No.	Price
#70	.0280	1/2	3	1-1/4	.0260	9620280		-		-	
#69	.0292	1/2	3	1-3/8	.0260	9620292		-		-	
#68	.0310	1/2	3	1-3/8	.0290	9620310		-		-	
1/32	.0312	1/2	3	1-3/8	.0290	9620312		-		-	
#67	.0320	1/2	3	1-3/8	.0290	9620320		-		-	
#66	.0330	1/2	3	1-3/8	.0290	9620330		-		-	
#65	.0350	1/2	3	1-1/2	.0320	9620350		-		-	
#64	.0360	1/2	3	1-1/2	.0320	9620360		-		-	
#63	.0370	1/2	3	1-1/2	.0350	9620370		-		-	
#62	.0380	1/2	3	1-1/2	.0350	9620380		-		-	
#61	.0390	1/2	3	1-1/2	.0350	9620390		-		-	
1 m/m	.0394	1/2	4	2-1/2	.0390	9620394		-		-	
#60	.0400	1/2	4	2-1/2	.0390	9620400		9630400		9640400	
#59	.0410	1/2	4	2-1/2	.0390	9620410		9630410		9640410	
#58	.0420	1/2	4	2-1/2	.0390	9620420		9630420		9640420	
#57	.0430	1/2	4	2-1/2	.0390	9620430		9630430		9640430	
#56	.0465	1/2	4	2-1/2	.0455	9620465		9630465		9640465	
3/64	.0469	1/2	4	2-1/2	.0455	9620469		9630469		9640469	
#55	.0520	1/2	4	2-1/2	.0510	9620520		9630520		9640520	
#54	.0550	1/2	4	2-1/2	.0510	9620550		9630550		9640550	
1.5 m/m	.0591	1/2	4	2-1/2	.0510	9620591		9630591		9640591	
#53	.0595	1/2	4	2-1/2	.0585	9620595		9630595		9640595	
1/16	.0625	1/2	4	2-1/2	.0585	9620625		9630625		9640625	
#52	.0635	1/2	4	2-1/2	.0585	9620635		9630635		9640635	
#51	.0670	3/4	4	3	.0660	9620670		9630670		9640670	
#50	.0700	3/4	4	3	.0660	9620700		9630700		9640700	
#49	.0730	3/4	4	3	.0660	9620730		9630730		9640730	
#48	.0760	3/4	4	3	.0720	9620760		9630760		9640760	
5/64	.0781	3/4	4	3	.0720	9620781		9630781		9640781	
#47	.0785	3/4	4	3	.0720	9620785		9630785		9640785	
2 m/m	.0787	3/4	4	3	.0771	9620787		9630787		9640787	
#46	.0810	3/4	4	3	.0771	9620810		9630810		9640810	
#45	.0820	3/4	4	3	.0771	9620820		9630820		9640820	
#44	.0860	3/4	4	3	.0810	9620860		9630860		9640860	
#43	.0890	3/4	4	3	.0810	9620890		9630890		9640890	
#42	.0935	3/4	4	3	.0880	9620935		9630935		9640935	
3/32	.0938	3/4	4	3	.0880	9620938		9630938		9640938	
#41	.0960	7/8	4	3-1/2	.0928	9620960		9630960		9640960	
#40	.0980	7/8	4	3-1/2	.0928	9620980		9630980		9640980	
2.5 m/m	.0984	7/8	4	3-1/2	.0928	9620984		9630984		9640984	
#39	.0995	7/8	4	3-1/2	.0928	9620995		9630995		9640995	
#38	.1015	7/8	4	3-1/2	.0950	9621015		9631015		9641015	
#37	.1040	7/8	4	3-1/2	.0950	9621040		9631040		9641040	
#36	.1065	7/8	4	3-1/2	.1030	9621065		9631065		9641065	
7/64	.1094	7/8	4	3-1/2	.1030	9621094		9631094		9641094	
#35	.1100	7/8	4	3-1/2	.1030	9621100		9631100		9641100	
#34	.1110	7/8	4	3-1/2	.1055	9621110		9631110		9641110	
#33	.1130	7/8	4	3-1/2	.1055	9621130		9631130		9641130	
#32	.1160	7/8	4	3-1/2	.1120	9621160		9631160		9641160	

(Continued)

CUTTING TOOLS - REAMERS

**CHUCKING REAMERS - STRAIGHT SHANK (Continued)**

SERIES 982:



Sizes included: Fractional, Wire Gage, Letter, Metric, Over/Under, Dowel Pin

Dia.	Dec. Equiv.	Flute Length	Number Flutes	Overall Lgth	Shank Dia.	Straight Flute		Spiral Flute (RH)		Cobalt	
						Order No.	Price	Order No.	Price	Order No.	Price
3 m/m	.1181	7/8	4	3 1/2	.1120	9621181		9631181		9641181	
#31	.1200	7/8	4	3 1/2	.1120	9621200		9631200		9641200	
.1230	.1230	7/8	4	3 1/2	.1190	9621230		9631230		9641230	
.1240	.1240	7/8	4	3 1/2	.1190	9621240		9631240		9641240	
.1247	.1247	7/8	4	3 1/2	.1190	9621247		9631247		9641247	
1/8	.1250	7/8	4	3 1/2	.1190	9621250		9631250		9641250	
.1260	.1260	7/8	4	3 1/2	.1190	9621260		9631260		9641260	
#30	.1285	7/8	4	3 1/2	.1190	9621285		9631285		9641285	
#29	.1360	1	4	4	.1275	9621360		9631360		9641360	
3.5 m/m	.1378	1	4	4	.1350	9621378		9631378		9641378	
#28	.1405	1	4	4	.1350	9621405		9631405		9641405	
9/64	.1406	1	4	4	.1350	9621406		9631406		9641406	
#27	.1440	1	4	4	.1350	9621440		9631440		9641440	
#26	.1470	1	4	4	.1430	9621470		9631470		9641470	
#25	.1495	1	4	4	.1430	9621495		9631495		9641495	
#24	.1520	1	4	4	.1460	9621520		9631520		9641520	
#23	.1540	1	4	4	.1460	9621540		9631540		9641540	
5/32	.1562	1	4	4	.1510	9621562		9631562		9641562	
#22	.1570	1	6	4	.1510	9621570		9631570		9641570	
4 m/m	.1575	1 1/8	6	4 1/2	.1530	9621575		9631575		9641575	
#21	.1590	1 1/8	6	4 1/2	.1530	9621590		9631590		9641590	
#20	.1610	1 1/8	6	4 1/2	.1530	9621610		9631610		9641610	
#19	.1660	1 1/8	6	4 1/2	.1595	9621660		9631660		9641660	
#18	.1695	1 1/8	6	4 1/2	.1595	9621695		9631695		9641695	
11/64	.1719	1 1/8	6	4 1/2	.1645	9621719		9631719		9641719	
#17	.1730	1 1/8	6	4 1/2	.1645	9621730		9631730		9641730	
#16	.1770	1 1/8	6	4 1/2	.1704	9621770		9631770		9641770	
4.5 m/m	.1772	1 1/8	6	4 1/2	.1755	9621772		9631772		9641772	
#15	.1800	1 1/8	6	4 1/2	.1755	9621800		9631800		9641800	
#14	.1820	1 1/8	6	4 1/2	.1755	9621820		9631820		9641820	
#13	.1850	1 1/8	6	4 1/2	.1805	9621850		9631850		9641850	
.1855	.1855	1 1/8	6	4 1/2	.1805	9621855		9631855		9641855	
.1865	.1865	1 1/8	6	4 1/2	.1805	9621865		9631865		9641865	
.1870	.1870	1 1/8	6	4 1/2	.1805	9621870		9631870		9641870	
3/16	.1875	1 1/8	6	4 1/2	.1805	9621875		9631875		9641875	
.1885	.1885	1 1/8	6	4 1/2	.1805	9621885		9631885		9641885	
#12	.1890	1 1/8	6	4 1/2	.1805	9621890		9631890		9641890	
#11	.1910	1 1/4	6	5	.1860	9621910		9631910		9641910	
#10	.1935	1 1/4	6	5	.1860	9621935		9631935		9641935	
#9	.1960	1 1/4	6	5	.1895	9621960		9631960		9641960	
5 m/m	.1969	1 1/4	6	5	.1895	9621969		9631968		9641968	
#8	.1990	1 1/4	6	5	.1895	9621990		9631990		9641990	
#7	.2010	1 1/4	6	5	.1945	9622010		9632010		9642010	
13/64	.2031	1 1/4	6	5	.1945	9622031		9632031		9642031	
#6	.2040	1 1/4	6	5	.1945	9622040		9632040		9642040	
#5	.2055	1 1/4	6	5	.2016	9622055		9632055		9642055	
#4	.2090	1 1/4	6	5	.2016	9622090		9632090		9642090	
#3	.2130	1 1/4	6	5	.2075	9622130		9632130		9642130	
5.5 m/m	.2165	1 1/4	6	5	.2075	9622165		9632165		9642165	
7/32	.2188	1 1/4	6	5	.2075	9622188		9632188		9642188	
#2	.2210	1 1/2	6	6	.2173	9622210		9632210		9642210	
#1	.2280	1 1/2	6	6	.2173	9622280		9632280		9642280	
A	.2340	1 1/2	6	6	.2265	9622340		9632340		9642340	
15/64	.2344	1 1/2	6	6	.2265	9622344		9632344		9642344	
6 m/m	.2362	1 1/2	6	6	.2329	9622362		9632362		9642362	
B	.2380	1 1/2	6	6	.2329	9622380		9632380		9642380	
C	.2420	1 1/2	6	6	.2329	9622420		9632420		9642420	
D	.2460	1 1/2	6	6	.2329	9622460		9632460		9642460	
.2480	.2480	1 1/2	6	6	.2329	9622480		9632480		9642480	
.2490	.2490	1 1/2	6	6	.2405	9622490		9632490		9642490	
.2495	.2495	1 1/2	6	6	.2405	9622495		9632495		9642495	
E-1/4	.2500	1 1/2	6	6	.2405	9622500		9632500		9642500	
.2510	.2510	1 1/2	6	6	.2405	9622510		9632510		9642510	
6.5 m/m	.2559	1 1/2	6	6	.2485	9622559		9632559		9642559	
F	.2570	1 1/2	6	6	.2485	9622570		9632570		9642570	
G	.2610	1 1/2	6	6	.2485	9622610		9632610		9642610	

CUTTING TOOLS - REAMERS

**CHUCKING REAMERS - STRAIGHT SHANK (Continued)**

SERIES 982:



Sizes included: Fractional, Wire Gage, Letter, Metric, Over/Under, Dowel Pin

Dia.	Dec. Equiv.	Flute Length	Number Flutes	Overall Length	Shank Dia.	Straight Flute		Spiral Flute (RH)		Cobalt	
						Order No.	Price	Order No.	Price	Order No.	Price
17/64	.2656	1 1/2	6	6	.2485	9622656		9632656		9642656	
H	.2660	1 1/2	6	6	.2485	9622660		9632660		9642660	
I	.2720	1 1/2	6	6	.2485	9622720		9632720		9642720	
7 m/m	.2756	1 1/2	6	6	.2485	9622756		9632756		9642756	
J	.2770	1 1/2	6	6	.2485	9622770		9632770		9642770	
K	.2810	1 1/2	6	6	.2485	9622810		9632810		9642810	
9/32	.2812	1 1/2	6	6	.2485	9622812		9632812		9642812	
L	.2900	1 1/2	6	6	.2792	9622900		9632900		9642900	
M	.2950	1 1/2	6	6	.2792	9622950		9632950		9642950	
7.5 m/m	.2953	1 1/2	6	6	.2792	9622953		9632953		9642953	
19/64	.2969	1 1/2	6	6	.2792	9622969		9632969		9642969	
N	.3020	1 1/2	6	6	.2792	9623020		9633020		9643020	
.3105	.3105	1 1/2	6	6	.2792	9623105		9633105		9643105	
.3115	.3115	1 1/2	6	6	.2792	9623115		9633115		9643115	
.3120	.3120	1 1/2	6	6	.2792	9623120		9633120		9643120	
5/16	.3125	1 1/2	6	6	.2792	9623125		9633125		9643125	
.3135	.3135	1 1/2	6	6	.2792	9623135		9633135		9643135	
8 m/m	.3150	1 1/2	6	6	.2792	9623150		9633150		9643150	
O	.3160	1 1/2	6	6	.2792	9623160		9633160		9643160	
P	.3230	1 1/2	6	6	.2792	9623230		9633230		9643230	
21/64	.3281	1 1/2	6	6	.2792	9623281		9633281		9643281	
Q	.3320	1 1/2	6	6	.2792	9623320		9633320		9643320	
8.5 m/m	.3346	1 1/2	6	6	.2792	9623346		9633346		9643346	
R	.3390	1 1/2	6	6	.2792	9623390		9633390		9643390	
11/32	.3438	1 1/2	6	6	.2792	9623438		9633438		9643438	
S	.3480	1 3/4	6	7	.3105	9623480		9633480		9643480	
9 m/m	.3543	1 3/4	6	7	.3105	9623543		9633543		9643543	
T	.3580	1 3/4	6	7	.3105	9623580		9633580		9643580	
23/64	.3594	1 3/4	6	7	.3105	9623594		9633594		9643594	
U	.3680	1 3/4	6	7	.3105	9623680		9633680		9643680	
.3730	.3730	1 3/4	6	7	.3105	9623730		9633730		9643730	
.3740-9.5mm	.3740	1 3/4	6	7	.3105	9623740		9633740		9643740	
.3745	.3745	1 3/4	6	7	.3105	9623745		9633745		9643745	
3/8	.3750	1 3/4	6	7	.3105	9623750		9633750		9643750	
.3760	.3760	1 3/4	6	7	.3105	9623760		9633760		9643760	
V	.3770	1 3/4	6	7	.3105	9623770		9633770		9643770	
W	.3860	1 3/4	6	7	.3105	9623860		9633860		9643860	
25/64	.3906	1 3/4	6	7	.3105	9623906		9633906		9643906	
10 m/m	.3937	1 3/4	6	7	.3105	9623937		9633937		9643937	
X	.3970	1 3/4	6	7	.3105	9623970		9633970		9643970	
Y	.4040	1 3/4	6	7	.3105	9624040		9634040		9644040	
13/32	.4062	1 3/4	6	7	.3105	9624062		9634062		9644062	
Z	.4130	1 3/4	6	7	.3730	9624130		9634130		9644130	
10.5 m/m	.4134	1 3/4	6	7	.3730	9624134		9634134		9644134	
27/64	.4219	1 3/4	6	7	.3730	9624219		9634219		9644219	
11 m/m	.4331	1 3/4	6	7	.3730	9624331		9634331		9644331	
.4355	.4355	1 3/4	6	7	.3730	9624355		9634355		9644355	
.4365	.4365	1 3/4	6	7	.3730	9624365		9634365		9644365	
.4370	.4370	1 3/4	6	7	.3730	9624370		9634370		9644370	
7/16	.4375	1 3/4	6	7	.3730	9624375		9634375		9644375	
.4385	.4385	1 3/4	6	7	.3730	9624385		9634385		9644385	
11.5 m/m	.4528	1 3/4	6	7	.3730	9624528		9634528		9644528	
29/64	.4531	1 3/4	6	7	.3730	9624531		9634531		9644531	
15/32	.4688	1 3/4	6	7	.3730	9624688		9634688		9644688	
12 m/m	.4724	2	6	8	.4355	9624724		9634724		9644724	
31/64	.4844	2	6	8	.4355	9624844		9634844		9644844	
12.5 m/m	.4921	2	6	8	.4355	9624921		9634921		9644921	
.4980	.4980	2	6	8	.4355	9624980		9634980		9644980	
.4990	.4990	2	6	8	.4355	9624990		9634990		9644990	
.4955	.4955	2	6	8	.4355	9624995		9634995		9644995	
1/2	.5000	2	6	8	.4355	9625000		9635000		9645000	
.5010	.5010	2	6	8	.4355	9625010		9635010		9645010	
13 m/m	.5118	2	6	8	.4355	9625118		9635118		-	
17/32	.5312	2	6	8	.4355	9625312		9635312		9645312	
13.5 m/m	.5315	2	6	8	.4355	9625315		9635315		-	
14 m/m	.5512	2	6	8	.4355	9625512		9635512		-	
9/16	.5625	2	6	8	.4355	9625625		9635625		9645625	

CUTTING TOOLS - REAMERS

**CHUCKING REAMERS - STRAIGHT SHANK (Continued)**

SERIES 982:

H.S.S. STRAIGHT FLUTE  
H.S.S. SPIRAL FLUTE (RH)



Sizes included: Fractional, Wire Gage, Letter, Metric, Over/Under, Dowel Pin

Diameter	Dec. Equiv.	Flute Length	Number Flutes	Overall Length	Shank Dia.	STRAIGHT FLUTE		SPIRAL FLUTE	
						Order No.	Price	Order No.	Price
14.5 m/m	.5709	2	6	8	.4355	9625709		9635709	
15 m/m	.5906	2	6	8	.4355	9625906		9635906	
19/32	.5938	2	6	8	.4355	9625938		9635938	
15.5 m/m	.6102	2 1/4	8	9	.5620	9626102		9636102	
5/8	.6250	2 1/4	8	9	.5620	9626250		9636250	
16 m/m	.6299	2 1/4	8	9	.5620	9626299		9636299	
16.5 m/m	.6496	2 1/4	8	9	.5620	9626496		9636496	
21/32	.6562	2 1/4	8	9	.5620	9626562		9636562	
17 m/m	.6693	2 1/4	8	9	.5620	9626693		9636693	
11/16	.6875	2 1/4	8	9	.5620	9626875		9636875	
17.5 m/m	.6890	2 1/4	8	9	.5620	9626890		9636890	
18 m/m	.7087	2 1/4	8	9	.5620	9627087		9637807	
23/32	.7188	2 1/4	8	9	.5620	9627188		9637188	
18.5 m/m	.7283	2 1/2	8	9 1/2	.6245	9627283		9637283	
19 m/m	.7480	2 1/2	8	9 1/2	.6245	9627480		9637480	
3/4	.7500	2 1/2	8	9 1/2	.6245	9627500		9637500	
19.5 m/m	.7677	2 1/2	8	9 1/2	.6245	9627677		9637677	
25/32	.7812	2 1/2	8	9 1/2	.6245	9627812		9637812	
20 m/m	.7874	2 1/2	8	9 1/2	.6245	9627874		9638661	
20.5 m/m	.8071	2 1/2	8	9 1/2	.6245	9628071		9638071	
13/16	.8125	2 1/2	8	9 1/2	.6245	9628125		9638125	
21 m/m	.8268	2 1/2	8	9 1/2	.6245	9628268		9638268	
27/32	.8438	2 1/2	8	9 1/2	.6245	9628438		9638438	
21.5 m/m	.8465	2 5/8	8	10	.7495	9628465		9638465	
22 m/m	.8661	2 5/8	8	10	.7495	9628661		9638661	
7/8	.8750	2 5/8	8	10	.7495	9628750		9638750	
22.5 m/m	.8858	2 5/8	8	10	.7495	9628858		9638858	
23 m/m	.9055	2 5/8	8	10	.7495	9629055		9639055	
29/32	.9062	2 5/8	8	10	.7495	9629062		9639062	
23.5 m/m	.9252	2 5/8	8	10	.7495	9629252		9639252	
15/16	.9375	2 5/8	8	10	.7495	9629375		9639375	
24 m/m	.9449	2 5/8	8	10	.7495	9629449		9639449	
24.5 m/m	.9646	2 5/8	8	10	.7495	9629646		9639646	
31/32	.9688	2 5/8	8	10	.7495	9629688		9639688	
25 m/m	.9843	2 3/4	10	10 1/2	.8745	9629843		9639843	
1	1.0000	2 3/4	10	10 1/2	.8745	9621000		9631000	
25.5mm	1.0039	2 3/4	10	10 1/2	.8745	9621003		9631003	
1-1/32	1.0312	2 3/4	10	10 1/2	.8745	9621031		9631031	
1-1/16	1.0625	2 3/4	10	10 1/2	.8745	9621062		9631062	
1-3/32	1.0938	2 7/8	10	11	.8745	9621093		9631093	
1-1/8	1.1250	2 7/8	10	11	.8745	9621125		9631125	
1-5/32	1.1562	2 7/8	10	11	.9995	9621156		9631156	
1-3/16	1.1875	2 7/8	10	11	.9995	9621187		9631187	
1-7/32	1.2188	2 7/8	10	11 1/2	.9990	9621218		9631218	
1-1/4	1.2500	3	10	11 1/2	.9990	6212500		6312500	
1-9/32	1.2812	3	10	11 1/2	.9990	9621281		9631281	
1-5/16	1.3125	3	10	11 1/2	.9990	9621312		9631312	
1-11/32	1.3438	3 1/4	10	12	.9990	9621343		9631343	
1-3/8	1.3750	3 1/4	12	12	.9990	9621375		9631375	
1-13/32	1.4062	3 1/4	12	12	1.2495	6214062		6314052	
1-7/16	1.4375	3 1/4	12	12	1.2495	9621437		9631437	
1-15/32	1.4688	3 1/2	12	12 1/2	1.2495	9621468		9631468	
1-1/2	1.5000	3 1/2	12	12 1/2	1.2495	9621500		9631500	
1-9/16	1.5625	3 1/2	12	12 1/2	1.2500	6215625		-	
1-5/8	1.6250	3 5/8	12	13	1.2500	9621625		-	
1-11/16	1.6875	3 5/8	12	13	1.2500	9621687		-	
1-3/4	1.7500	4	12	13 1/2	1.2500	6217500		-	
1-7/8	1.8750	4	12	14	1.5000	6218750		-	
2	2.0000	4	12	14	1.5000	9622000		-	

CUTTING TOOLS - REAMERS





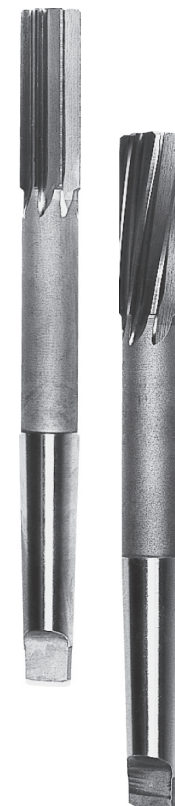
HIGH SPEED STEEL

**TAPER SHANK CHUCKING REAMERS**

SERIES 55: STRAIGHT FLUTE; MEDA SUPERIOR IMPORT  
SERIES 56: SPIRAL FLUTE (RH); MEDA SUPERIOR IMPORT  
SERIES 982: STRAIGHT AND SPIRAL (RH) FLUTES - LAVALLEE & IDE



Size	Morse Taper	Flute Lgth	Overall Lgth	Straight Flute		Straight Flute L & I		Spiral Flute		Spiral Flute L & I	
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1/4	1	1-1/2	6	1140016		1310500		1145016		1311500	
9/32	1	1-1/2	6	1140018		1310501		1145018		1311501	
5/16	1	1-1/2	6	1140020		1310502		1145020		1311502	
11/32	1	1-1/2	6	1140022		1310503		1145022		1311503	
3/8	1	1-3/4	7	1140024		1310504		1145024		1311504	
13/32	1	1-3/4	7	1140026		1310505		1145026		1311505	
7/16	1	1-3/4	7	1140028		1310506		1145028		1311506	
15/32	1	1-3/4	7	1140030		1310507		1145030		1311507	
1/2	1	2	8	1140032		1310508		1145032		1311508	
17/32	1	2	8	1140034		1310509		1145034		1311509	
9/16	1	2	8	1140036		1310510		1145036		1311510	
19/32	1	2	8	1140038		1310511		1145038		1311511	
5/8	2	2-1/4	9	1140040		1310512		1145040		1311512	
21/32	2	2-1/4	9	1140042		1310513		1145042		1311513	
11/16	2	2-1/4	9	1140044		1310514		1145044		1311514	
23/32	2	2-1/4	9	1140046		1310515		1145046		1311515	
3/4	2	2-1/2	9-1/2	1140048		1310516		1145048		1311516	
25/32	2	2-1/2	9-1/2	1140050		1310517		1145050		1311517	
13/16	2	2-1/2	9-1/2	1140052		1310518		1145052		1311518	
27/32	2	2-1/2	9-1/2	1140054		1310519		1145054		1311519	
7/8	2	2-5/8	10	1140056		1310520		1145056		1311520	
29/32	2	2-5/8	10	1140058		1310521		1145058		1311521	
15/16	3	2-5/8	10	1140060		1310522		1145060		1311522	
31/32	3	2-5/8	10	1140062		1310523		1145062		1311523	
1	3	2-3/4	10-1/2	1140064		1310524		1145064		1311524	
1-1/32	3	2-3/4	10-1/2	1140066		1310538		1145065		1311538	
1-1/16	3	2-3/4	10-1/2	1140068		1310525		1146068		1311525	
1-1/8	3	2-7/8	11	1140072		1310526		1145072		1311526	
1-3/16	3	2-7/8	11	1140076		1310527		1145076		1311527	
1-1/4	4	3	11-1/2	1140080		1310528		1145080		1311528	
1-5/16	4	3	11-1/2	1140084		1310529		1145084		1311529	
1-3/8	4	3-1/4	12	1140088		1310530		1145088		1311530	
1-7/16	4	3-1/4	12	1140092		1310531		1145092		1311531	
1-1/2	4	3-1/2	12-1/2	1140096		1310532		1145096		1311532	
1-9/16	4	3-1/2	12-1/2	1140136		1310535		1145136		1311535	
1-5/8	4	3-1/2	13	1140140		1310536		1145140		1311536	
1-11/16	4	4	13-1/2	1140144		1310539		1145144		1311539	
1-3/4	4	4	13-1/2	1140148		1310533		1145148		1311533	
1-7/8	4	4	13-1/2	1140156		1310537		1145156		1311537	
2	4	4	14-1/2	1140200		1310534		1145200		1311534	
2-1/4	5	5	14-7/8	1140216							



CUTTING TOOLS - REAMERS

HIGH SPEED STEEL

**TAPER SHANK CHUCKING REAMERS - METRIC SIZES**

STRAIGHT FLUTE  
SERIES 701:



Size Diameter (mm)	Flute Lgth (mm)	Overall Lgth (mm)	Shank Taper	Order No.	Price
5	23	133	1	7011050	
6	26	138	1	7011060	
7	31	150	1	7011070	
8	33	156	1	7011080	
9	36	162	1	7011090	
10	38	168	1	7011100	
11	41	175	1	7011110	
12	44	185	1	7011120	
13	44	185	1	7011130	
14	47	189	1	7011140	
15	50	204	2	7011150	
16	52	210	2	7011160	
17	54	214	2	7011170	
18	56	219	2	7011180	
19	58	223	2	7011190	
20	60	228	2	7011200	

Size Diameter (mm)	Flute Lgth (mm)	Overall Lgth (mm)	Shank Taper	Order No.	Price
21	62	232	2	7011210	
22	64	237	2	7011220	
23	66	241	2	7011230	
24	68	268	3	7011240	
25	68	268	3	7011250	
26	70	273	3	7011260	
27	71	277	3	7011270	
28	71	277	3	7011280	
29	73	281	3	7011290	
30	73	281	3	7011300	
31	75	285	3	7011310	
32	77	317	4	7011320	
33	77	317	4	7011330	
34	78	321	4	7011340	
35	78	321	4	7011350	
36	79	325	4	7011360	
37	79	325	4	7011370	
38	81	329	4	7011380	
40	81	329	4	7011400	



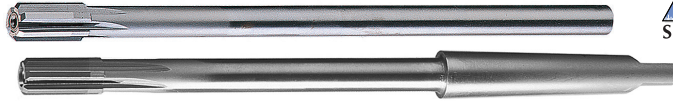


HIGH SPEED STEEL / STRAIGHT FLUTE

**EXPANSION CHUCKING REAMERS**

SERIES 70: STRAIGHT SHANK

SERIES 71: TAPER SHANK



CUTTING TOOLS - REAMERS

Size	M.T. Shank Series 071	Flute Lgth	OAL.	Straight Shank		Taper Shank		Size	M.T. Shank Series 071	Flute Lgth	OAL.	Straight Shank		Taper Shank	
				Order No.	Price	Order No.	Price					Order No.	Price	Order No.	Price
3/16	1	3/4	6-1/2	247012		-		1-1/32	3	1-5/8	10-1/2	1215066		1220066	
7/32	1	3/4	6-1/2	247014		-		1-1/16	3	1-5/8	10-1/2	1215068		1220068	
1/4	1	3/4	6-1/2	247016		-		1-3/32	3	1-5/8	10-1/2	1215070		1220070	
9/32	1	3/4	6-1/2	247018		-		1-1/8	3	1-3/4	11	1215072		1220072	
5/16	1	3/4	6-1/2	247020		-		1-5/32	3	1-3/4	11	1215074		1220074	
11/32	1	3/4	6-1/2	247022		-		1-3/16	3	1-3/4	11	1215076		1220076	
3/8	1	3/4	7	1215024		1220024		1-7/32	4	1-3/4	11	1215078		1220078	
13/32	1	3/4	7	1215026		1220026		1-1/4	4	1-7/8	11-1/2	1215080		1220080	
7/16	1	7/8	7	1215028		1220028		1-5/16	4	1-7/8	11-1/2	1215084		1220084	
15/32	1	7/8	7	1215030		1220030		1-3/8	4	2	12	1215088		1220088	
1/2	1	1	8	1215032		1220032		1-7/16	4	2	12	1215092		1220092	
17/32	1	1	8	1215034		1220034		1-1/2	4	2-1/8	12-1/2	1215096		1220096	
9/16	1	1-1/8	8	1215036		1220036		1-9/16	4	2-1/8	12-1/2	1215136		1220136	
19/32	1	1-1/8	8	1215038		1220038		1-5/8	4	2-1/4	13	1215140		1220140	
5/8	2	1-1/4	9	1215040		1220040		1-11/16	4	2-1/4	13	1215144		1220144	
21/32	2	1-1/4	9	1215042		1220042		1-3/4	5	2-3/8	13-1/2	1215148		1220148	
11/16	2	1-1/4	9	1215044		1220044		1-13/16	5	2-3/8	13-1/2	1215152		1220152	
23/32	2	1-1/4	9	1215046		1220046		1-7/8	5	2-1/2	14	1215156		1220156	
3/4	2	1-3/8	9-1/2	1215048		1220048		1-15/16	5	2-1/2	14	1215160		1220160	
25/32	2	1-3/8	9-1/2	1215050		1220050		2	5	2-1/2	14	1215200		1220200	
13/16	2	1-3/8	9-1/2	1215052		1220052		2-1/16	5	2-3/4	14-1/2	-		1220204	
27/32	2	1-3/8	9-1/2	1215054		1220054		2-1/8	5	2-3/4	14-1/2	247208		1220208	
7/8	2	1-1/2	10	1215056		1220056		2-3/16	5	2-3/4	14-1/2	-		1220212	
29/32	2	1-1/2	10	1215058		1220058		2-1/4	5	2-3/4	14-1/2	247216		1220216	
15/16	3	1-1/2	10	1215060		1220060		2-5/16	5	3	15	-		1220220	
31/32	3	1-1/2	10	1215062		1220062		2-3/8	5	3	15	247224		1220224	
1	3	1-5/8	10-1/2	1215064		1220064		2-7/16	5	3	15	-		1220228	
								2-1/2	5	3	15	247232		1220232	
								2-9/16	5	3	16	-		253236	
								2-5/8	5	3	16	-		253240	
								2-11/16	5	3	16	-		253244	
								2-13/16	5	3	16	-		253252	
								2-7/8	5	3	16	-		253256	
								2-15/16	5	3	16	-		253260	
								2-3/4	5	3	16	-		1220248	
								3	5	3	16	-		1220300	

NOTE: The expansion feature of these reamers provides a means of adjustment. When worn undersize they may be expanded and reground to the original size.

**CARBIDE TIPPED CHUCKING REAMERS**  
SERIES 542: STRAIGHT SHANK / STRAIGHT FLUTE



General purpose reaming of aluminum, cast iron, steels, plastics and other abrasive materials.

Size	Flute Lgth	Overall Lgth	Order No.	Price
3/16	1-1/8	4-1/2	5420012	
7/32	1-1/4	5	5420014	
1/4	1-1/2	6	5420016	
9/32	1-1/2	6	5420018	
5/16	1-1/2	6	5420020	
11/32	1-1/2	6	5420022	
3/8	1-3/4	7	5420024	
13/32	1-3/4	7	5420026	
7/16	1-3/4	7	5420028	
15/32	1-3/4	7	5420030	
1/2	2	8	5420032	
17/32	2	8	5420034	
9/16	2	8	5420036	
19/32	2	8	5420038	
5/8	2-1/4	9	5420040	
21/32	2-1/4	9	5420042	
11/16	2-1/4	9	5420044	
3/4	2-1/2	9-1/2	5420048	
13/16	2-1/2	9-1/2	5420052	
7/8	2-5/8	10	5420056	
15/16	2-5/8	10	5420060	
1	2-3/4	10-1/2	5420064	
1-1/16	2-3/4	10-1/2	5420066	
1-1/8	2-7/8	11	5420068	
1-3/16	2-7/8	11	5420070	
1-1/4	3	11-1/2	5420072	
1-3/8	3-1/4	12	5420076	
1-1/2	3-1/2	12-1/2	5420080	

**CARBIDE TIPPED EXPANSION CHUCKING REAMERS**

SERIES 564: STRAIGHT SHANK / STRAIGHT FLUTE



Size	Flute Lgth	Overall Lgth	Order No.	Price
3/8	1	7	5640024	
7/16	1	7	5640028	
1/2	1	8	5640032	
17/32	1	8	248034	
9/16	1-1/8	8	5640036	
5/8	1-1/4	9	5640040	
11/16	1-1/4	9	5640044	
3/4	1-3/8	9-1/2	5640048	
13/16	1-3/8	9-1/2	5640052	
7/8	1-1/2	10	5640056	
29/32	1-1/2	10	248058	
15/16	1-1/2	10	5640060	
1	1-5/8	10-1/2	5640064	
1-1/8	1-3/4	11	5640072	
1-1/4	1-7/8	11-1/2	5640080	
1-3/8	2	12	5640088	

SOLID CARBIDE

**CHUCKING REAMERS**

FRACTIONAL SIZES

SERIES 566: STRAIGHT SHANK / STRAIGHT FLUTE



Size	Flute Length	Overall Length	Order No.	Price
1/32	1/4	1-1/8	5651002	
3/64	3/8	1-1/2	5651003	
1/16	3/8	1-1/2	5651004	
5/64	1/2	1-3/4	5651005	
3/32	1/2	2	5651006	
7/64	5/8	2-1/4	5651007	
1/8	5/8	2-1/4	5651008	
9/64	3/4	2-1/2	5651009	
5/32	3/4	2-1/2	5651010	
11/64	7/8	2-3/4	5651011	
3/16	7/8	2-3/4	5651012	
13/64	1	3	5651013	
7/32	1	3	5651014	
15/64	1	3	5651015	
1/4	1	3	5651016	
17/64	1-1/8	3-1/4	5651017	
9/32	1-1/8	3-1/4	5651018	
19/64	1-1/8	3-1/4	5651019	
5/16	1-1/8	3-1/4	5651020	
21/64	1-1/4	3-1/2	5651021	
11/32	1-1/4	3-1/2	5651022	
23/64	1-1/4	3-1/2	5651023	
3/8	1-1/4	3-1/2	5651024	
13/32	1-1/2	4	5651026	
7/16	1-1/2	4	5651028	
15/32	1-1/2	4	5651030	
1/2	1-1/2	4	5651032	

SOLID CARBIDE

**CHUCKING REAMERS**

METRIC SIZES

SERIES 566: STRAIGHT SHANK / STRAIGHT FLUTE



Size	Flute Length	Overall Length	Order No.	Price
1.0mm	1/4	1-1/2	5660394	
1.5mm	3/8	1-1/2	5660591	
2.0mm	1/2	1-3/4	5660787	
2.5mm	5/8	2-1/4	5660984	
3.0mm	5/8	2-1/4	5661181	
3.5mm	3/4	2-1/2	5661378	
4.0mm	3/4	2-1/2	5661575	
4.5mm	7/8	2-3/4	5661772	
5.0mm	1	3	5661969	
5.5mm	1	3	5662165	
6.0mm	1	3	5662362	
6.5mm	1-1/8	3-1/4	5662559	
7.0mm	1-1/8	3-1/4	5662756	
7.5mm	1-1/8	3-1/4	5662953	
8.0mm	1-1/8	3-1/4	5663150	
8.5mm	1-1/4	3-1/2	5663346	
9.0mm	1-1/4	3-1/2	5663543	
9.5mm	1-1/4	3-1/2	5663740	
10.0mm	1-1/4	3-1/2	5663937	
10.5mm	1-1/4	3-1/2	5664134	
11.0mm	1-3/8	4	5664331	
11.5mm	1-3/8	4	5664528	
12.0mm	1-3/8	4	5664724	
12.5mm	1-1/2	4	5664921	

SOLID CARBIDE

**CHUCKING REAMERS**

WIRE GAUGE SIZES



SERIES 566: STRAIGHT SHANK / STRAIGHT FLUTE

Size	Decimal Equivalent	Flute Length	Overall Length	Order No.	Price
1	.2280	1	3	5660001	
2	.2210	1	3	5660002	
3	.2130	1	3	5660003	
4	.2090	1	3	5660004	
5	.2055	1	3	5660005	
6	.2040	1	3	5660006	
7	.2010	1	3	5660007	
8	.1990	7/8	2-3/4	5660008	
9	.1960	7/8	2-3/4	5660009	
10	.1935	7/8	2-3/4	5660010	
11	.1910	7/8	2-3/4	5660011	
12	.1890	7/8	2-3/4	5660012	
13	.1850	7/8	2-3/4	5660013	
14	.1820	7/8	2-3/4	5660014	
15	.1800	7/8	2-3/4	5660015	
16	.1770	7/8	2-3/4	5660016	
17	.1730	7/8	2-3/4	5660017	
18	.1695	7/8	2-3/4	5660018	
19	.1660	7/8	2-3/4	5660019	
20	.1610	7/8	2-3/4	5660020	
21	.1590	3/4	2-1/2	5660021	
22	.1570	3/4	2-1/2	5660022	
23	.1540	3/4	2-1/2	5660023	
24	.1520	3/4	2-1/2	5660024	
25	.1495	3/4	2-1/2	5660025	
26	.1470	3/4	2-1/2	5660026	
27	.1440	3/4	2-1/2	5660027	
28	.1405	3/4	2-1/2	5660028	
29	.1360	3/4	2-1/2	5660029	
30	.1285	5/8	2-1/4	5660030	
31	.1200	5/8	2-1/4	5660031	
32	.1160	5/8	2-1/4	5660032	
33	.1130	5/8	2-1/4	5660033	
34	.1110	5/8	2-1/4	5660034	
35	.1100	5/8	2-1/4	5660035	
36	.1065	5/8	2-1/4	5660036	
37	.1040	5/8	2-1/4	5660037	
38	.1015	5/8	2-1/4	5660038	
39	.0995	5/8	2-1/4	5660039	
40	.0980	1/2	2	5660040	
41	.0960	1/2	2	5660041	
42	.0935	1/2	2	5660042	
43	.0890	1/2	2	5660043	
44	.0860	1/2	2	5660044	
45	.0820	1/2	2	5660045	
46	.0810	1/2	1-3/4	5660046	
47	.0785	1/2	1-3/4	5660047	
48	.0760	1/2	1-3/4	5660048	
49	.0730	1/2	1-3/4	5660049	
50	.0700	1/2	1-3/4	5660050	
51	.0670	1/2	1-3/4	5660051	
52	.0635	3/8	1-1/2	5660052	
53	.0595	3/8	1-1/2	5660053	
54	.0550	3/8	1-1/2	5660054	
55	.0520	3/8	1-1/2	5660055	
56	.0465	3/8	1-1/2	5660056	
57	.0430	3/8	1-1/2	5660057	
58	.0420	3/8	1-1/2	5660058	
59	.0410	1/4	1-1/8	5660059	
60	.0400	1/4	1-1/8	5660060	
61	.0390	1/4	1-1/8	5660061	
62	.0380	1/4	1-1/8	5660062	
63	.0370	1/4	1-1/8	5660063	
64	.0360	1/4	1-1/8	5660064	
65	.0350	1/4	1-1/8	5660065	
66	.0330	1/4	1-1/8	5660066	
67	.0320	1/4	1-1/8	5660067	

CUTTING TOOLS - REAMERS







HIGH SPEED STEEL

**TAPER SHANK**



**BRIDGE REAMERS -  
5 FLUTES**

SERIES 66: STRAIGHT FLUTE  
SERIES 67: SPIRAL FLUTE (LH)



**LI**  
**LAVALLEE & IDE** Bridge Reamers  
MADE IN THE USA  
available. See our website or inquire.

Size	M.T. Shk.	Appr. Dia. at Pt.	Flute Lgth.	OAL	Straight Flute		Spiral Flute	
					Order No.	Price	Order No.	Price
5/16	2	11/64	4-3/8	8-1/4	1195020		1200020	
11/32	2	11/64	4-3/8	8-1/4	1195022		9120022	
13/32	2	7/32	4-3/8	8-1/4	1195026		1200026	
7/16	2	17/64	4-3/8	8-1/4	1195028		1200028	
15/32	2	9/32	5-1/8	9	1195030		1200030	
1/2	2	5/16	5-1/8	9	1195032		1200032	
17/32	2	11/32	5-1/8	9	1195034		1200034	
9/16	2	3/8	5-1/8	9	1195036		1200036	
5/8	2	25/64	6-1/8	10	1195040		1200040	
11/16	3	13/32	7-3/8	11-3/4	1195044		1200044	
3/4	3	15/32	7-3/8	12	1195048		1200048	
13/16	3	35/64	7-3/8	12	1195052		1200052	
7/8	3	39/64	7-3/8	12	1195056		1200056	
15/16	3	43/64	7-3/8	12	1195060		1200060	
1	3	47/64	7-3/8	12	1195064		1200064	
1-1/16	3	13/16	7-3/8	12	1195068		1200068	
1-1/8	3	55/64	7-3/8	12	1195072		1200072	
1-3/16	3	59/64	7-3/8	12	1195076		1200076	
1-1/4	4	63/64	7-3/8	13	1195080		1200080	
1-5/16	4	1-1/16	7-3/8	13	1195084		1200084	
1-3/8	4	1-1/8	7-3/8	13	1195088		1200088	
1-7/16	4	1-3/16	7-3/8	13	1195092		1200092	
1-1/2	4	1-1/4	7-3/8	13	1195096		1200096	
1-9/16	4	1-1/4	7-3/8	13	1195136		1200136	
1-5/8	4	1-3/8	7-3/8	13	1195140		1200140	
1-11/16	4	1-3/8	7-3/8	13	-		1200144	
1-3/4	4	1-7/16	7-3/8	13	-		1200148	
1-13/16	4	1-7/16	7-3/8	13	-		1200152	
1-7/8	4	1-1/2	7-3/8	13	-		1200156	
1-15/16	4	1-1/2	7-3/8	13	-		1200160	
2	4	1-3/4	7-3/8	13	-		1200200	

CUTTING TOOLS - REAMERS

HIGH SPEED STEEL / STRAIGHT SHANK

**MORSE TAPER HAND REAMERS -  
FINISHING**

SERIES 541: MEDA - SUPERIOR IMPORT  
SERIES 982: LAVALLEE & IDE



Morse Taper	Diameter		Shank	Flute Lgth	Overall Lgth	MEDA Roughing		MEDA Finishing		L & I Finishing	
	Small End	Large End				Order No.	Price	Order No.	Price	Order No.	Price
0	.2503	.3673	5/16	2-1/4	3-3/4	205720		5410000		8212500	
1	.3674	.5170	7/16	3	5	205721		5410001		8212501	
2	.5696	.7444	5/8	3-1/2	6	205722		5410002		8212502	
3	.7748	.9881	7/8	4-1/4	7-1/4	205723		5410003		8212503	
4	1.0167	1.2893	1-1/4	5-1/4	8-1/2	205724		5410004		8212504	
5	1.4717	1.8005	1-1/2	6-1/4	9-3/4	205725		5410005		8212505	
6	2.1120	2.5550	2	8-1/2	12-1/4	205726		5410006		8212512	



HIGH SPEED STEEL / TAPER SHANK

**MORSE TAPER MACHINE REAMERS**

SERIES 538: MEDA - SUPERIOR IMPORT  
SERIES 982: LAVALLEE & IDE



Morse Taper	Diameter		Flute Lgth	Overall Lgth	MEDA Roughing		MEDA Finishing		L & I Finishing	
	Small End	Large End			Order No.	Price	Order No.	Price	Order No.	Price
0	.2503	.3673	2-1/4	5-11/32	5380000		5380100		8212506	
1	.3674	.5170	3	6-5/16	5380001		5380101		8212507	
2	.5696	.7444	3-1/2	7-3/8	5380002		5380102		8212508	
3	.7748	.9881	4-1/4	8-7/8	5380003		5380103		8212509	
4	1.0167	1.2893	5-1/4	10-7/8	5380004		5380104		8212510	
5	1.4717	1.8005	6-1/4	13-1/4	5380005		5380105		8212511	
6	2.1120	2.5550	8-1/2	17-13/16	5380006		5380106		8212513	



HIGH SPEED STEEL

**HAND REAMERS**

SERIES 63: STRAIGHT FLUTE - MEDA SUPERIOR IMPORT  
SERIES 64: SPIRAL FLUTE (LH) FLUTE - MEDA SUPERIOR IMPORT  
SERIES 982: STRAIGHT FLUTE & SPIRAL (LH) FLUTE - STAR USA



CUTTING TOOLS - REAMERS

**HAND REAMER SETS** available. See our website or inquire.

Many other sizes available. See our website or inquire.

Size	Flute Lgth	Overall Lgth	Straight Flute				Spiral Flute			
			MEDA		STAR USA		MEDA		STAR USA	
			Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1/8	1-1/2	3	1180008		1010600		1185008		1012600	
9/64	1-5/8	3-1/4	221009		1010601		222009		1012601	
5/32	1-5/8	3-1/4	1180010		1010602		1185010		1012602	
11/64	1-3/4	3-1/2	221011		1010603		222011		1012603	
3/16	1-3/4	3-1/2	1180012		1010604		1185012		1012604	
13/64	1-7/8	3-3/4	221013		1010605		222013		1012605	
7/32	1-7/8	3-3/4	1180014		1010606		1185014		1012606	
15/64	2	4	221015		1010607		222015		1012607	
1/4	2	4	1180016		1010608		1185016		1012608	
17/64	2-1/8	4-1/4	221017		1010609		222017		1012609	
9/32	2-1/8	4-1/4	1180018		1010610		1185018		1012610	
19/64	2-1/4	4-1/2	221019		1010611		222019		1012611	
5/16	2-1/4	4-1/2	1180020		1010612		1185020		1012612	
21/64	2-3/8	4-3/4	221021		1010613		222021		1012613	
11/32	2-3/8	4-3/4	1180022		1010614		1185022		1012614	
23/64	2-1/2	5	221023		1010615		222023		1012615	
3/8	2-1/2	5	1180024		1010616		1185024		1012616	
25/64	2-5/8	5-1/4	221025		1010617		222025		1012617	
13/32	2-5/8	5-1/4	1180026		1010618		1185026		1012618	
27/64	2-3/4	5-1/2	221027		1010619		222027		1012619	
7/16	2-3/4	5-1/2	1180028		1010620		1185028		1012620	
29/64	2-7/8	5-3/4	221029		1010621		222029		1012621	
15/32	2-7/8	5-3/4	1180030		1010622		1185030		1012622	
31/64	3	6	221031		1010623		222031		1012623	
1/2	3	6	1180032		1010624		1185032		1012624	
33/64	3-1/8	6-1/4	221033		1010649		222033		1012649	
17/32	3-1/8	6-1/4	1180034		1010625		1185034		1012625	
9/16	3-1/4	6-1/2	1180036		1010626		1185036		1012626	
19/32	3-3/8	6-3/4	1180038		1010627		1185038		1012627	
5/8	3-1/2	7	1180040		1010628		1185040		1012628	
21/32	3-11/16	7-3/8	1180042		1010629		1185042		1012629	
11/16	3-7/8	7-3/4	1180044		1010630		1185044		1012630	
23/32	4-1/16	8-1/8	1180046		1010631		1185046		1012631	
3/4	4-3/16	8-3/8	1180048		1010632		1185048		1012632	
25/32	4-3/8	8-3/4	1180050		1010633		1185050		1012633	
13/16	4-9/16	9-1/8	1180052		1010634		1185052		1012634	
27/32	4-11/16	9-3/8	1180054		1010635		1185054		1012635	
7/8	4-7/8	9-3/4	1180056		1010636		1185056		1012636	
29/32	5	10	1180058		1010637		1185058		1012637	
15/16	5-1/8	10-1/4	1180060		1010638		1185060		1012638	
31/32	5-5/16	10-5/8	1180062		1010639		1185062		1012639	
1	5-7/16	10-7/8	1180064		1010640		1185064		1012640	
1-1/32	5-1/16	10-7/8	221102		1010650		9222102		1012650	
1-1/16	5-5/8	11-1/4	1180068		1010641		1185068		1012641	
1-3/32	5-5/8	11-1/4	221106		1010651		1185072		1212651	
1-1/8	5-13/16	11-5/8	1180072		1010642		222106		1012642	
1-3/16	6	12	1180076		1010643		1185076		1012643	
1-1/4	6-1/8	12-1/4	1180080		1010644		1185080		1012644	
1-5/16	6-1/4	12-1/2	1180084		1010645		1185084		1012645	
1-3/8	6-5/16	12-5/8	1180088		1010646		1185088		1012646	
1-7/16	6-7/16	12-7/8	1180092		1010647		1185092		1012647	
1-1/2	6-1/2	13	1180096		1010648		1185096		1012648	



CARBON STEEL

**REPAIRMAN'S TAPER REAMER**



SERIES 442:

- \* Removes burrs from small holes.
- \* Enlarges and countersinks holes in soft metals

Range	Order No.	Price
1/8-1/2	4420396	
1/8-5/8	4420397	



**TAP WRENCHES** suitable for holding Hand Reamers. See pages 187; 188.



HIGH SPEED STEEL

**HAND REAMERS - METRIC SIZES**  
SERIES 860: STRAIGHT AND SPIRAL (LH) FLUTES



Size Dia. (mm)	Flute Lgth (mm)	Overall Lgth (mm)	Straight Flute		Helical Flute	
			Order No.	Price	Order No.	Price
3.0	31	62	8600030		8601030	
3.2	33	66	8600032		8601032	
3.5	35	71	8600035		8601035	
4.0	38	76	8600040		8601040	
4.5	41	81	8600045		8601045	
5.0	44	87	8600050		8601050	
5.5	47	93	8600055		8601055	
6.0	47	93	8600060		8601060	
6.5	50	100	8600065		-	
7.0	54	107	8600070		8601070	
7.5	54	107	8600075		-	
8.0	58	115	8600080		8601080	
8.5	58	115	8600085		-	
9.0	62	124	8600090		8601090	
9.5	62	124	8600095		-	
10.0	66	133	8600100		8601100	
10.5	66	133	8600105		-	
11.0	71	142	8600110		-	
11.5	71	142	8600115		-	
12.0	76	152	8600120		8601120	
12.5	76	152	8600125		-	
13.0	76	152	8600130		8601130	
13.5	81	163	8600135		-	
14.0	81	163	8600140		8601140	
14.5	81	163	8600145		-	
15.0	81	163	8600150		8601150	
15.5	87	175	8600155		-	
16.0	87	175	8600160		8601160	
16.5	87	175	8600165		-	
17.0	87	175	8600170		8601170	
17.5	93	188	8600175		-	
18.0	93	188	8600180		8601180	
18.5	93	188	8600185		-	
19.0	93	188	8600190		8601190	
19.5	100	201	8600195		-	
20.0	100	201	8600200		8601200	

HIGH SPEED STEEL

**ADJUSTABLE BLADE REAMERS**  
SERIES 458:

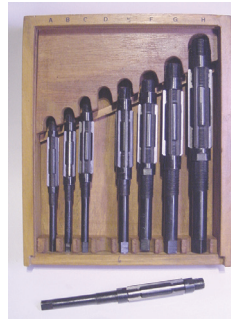


Size	Range	Overall Lgth	Order No.	Price
8/A	1/4 - 9/32	3-1/4	7950081	
7/A	9/32 - 5/16	3-1/2	7950071	
6/A	5/16 - 11/32	4-1/8	7950061	
5/A	11/32 - 3/8	4-3/8	7950051	
4/A	3/8 - 13/32	4-3/4	7950041	
3/A	13/32 - 7/16	5	7950031	
2/A	7/16 - 15/32	5-1/4	7950021	
A	15/32 - 17/32	5-1/2	7950100	
B	17/32 - 19/32	5-3/4	7950200	
C	19/32 - 21/32	6-1/2	7950300	
D	21/32 - 23/32	6-3/4	7950400	
E	23/32 - 25/32	7	7950500	
F	25/32 - 27/32	7-3/8	7950600	
G	27/32 - 15/16	8	7950700	
H	15/16 - 1-1/16	9	7950800	
I	1-1/16 - 1-3/16	10	7950900	
J	1-3/16 - 1-11/32	11	7951000	
K	1-11/32 - 1-1/2	12	7951100	
L	1-1/2 - 1-13/16	14	7951200	
M	1-13/16 - 2-7/32	16	7951300	
N	2-7/32 - 2-3/4	18	7951400	
O	2-3/4 - 3-11/32	20	7951500	

See L&I next page.

HIGH SPEED STEEL

**ADJUSTABLE BLADE REAMER SETS**  
SERIES 458:



Model No.	Range	Order No.	Price
ABRS1	8/A-5/A	7950001	
ABRS2	4/A-2/A	7950002	
ABRS3	A-H	7950003	
ABRS4	A-K	7950004	

HIGH SPEED STEEL / TAPER SHANK

**JOBBERS LENGTH REAMERS**  
SERIES 65: STRAIGHT FLUTE



**LAVALLÉE & DE**  
MADE IN THE USA  
available. See our website or inquire.



Size	M.T. Shank	Flute Lgth	Overall Lgth	Order No.	Price
1/4	1	2	5-3/16	1190000	
9/32	1	2	5-3/16	1190018	
5/16	1	2-1/4	5-1/2	1190020	
11/32	1	2-1/4	5-1/2	1190022	
3/8	1	2-1/2	5-13/16	1190024	
13/32	1	2-1/2	5-13/16	1190026	
7/16	1	2-3/4	6-1/8	1190028	
15/32	1	2-3/4	6-1/8	1190030	
1/2	1	3	6-7/16	1190032	
17/32	1	3	6-7/16	1190034	
9/16	1	3-1/4	6-3/4	1190036	
19/32	1	3-1/4	6-3/4	1190038	
5/8	2	3-1/2	7-9/16	1190040	
21/32	2	3-1/2	7-9/16	1190042	
11/16	2	3-7/8	8	1190044	

Size	M.T. Shank	Flute Lgth	Overall Lgth	Order No.	Price
23/32	2	3-7/8	8	1190046	
3/4	2	4-3/16	8-3/8	1190048	
13/16	2	4-9/16	8-13/16	1190052	
7/8	2	4-7/8	9-3/16	1190056	
15/16	3	5-1/8	10	1190060	
1	3	5-7/16	10-3/8	1190064	
1-1/16	3	5-5/8	10-5/8	1190068	
1-1/8	3	5-13/16	10-7/8	1190072	
1-3/16	3	6	11-1/8	1190076	
1-1/4	4	6-1/8	12-9/16	1190080	
1-5/16	4	6-1/4	12-11/16	1190084	
1-3/8	4	6-5/16	12-13/16	1190088	
1-7/16	4	6-7/16	13	1190092	
1-1/2	4	6-1/2	13-1/8	1190096	

HIGH SPEED STEEL

**ADJUSTABLE HAND REAMERS**

SERIES 978:



**LAVALLEE & IDE**

MADE IN THE USA

Blades are adjusted by loosening one nut and tightening the other. Each reamer expands to the next size.



Size	Range of Adjust.	Blade Length	Overall Length	Order No.	Price
8/A	1/4 - 9/32	1-11/32	3-1/4	9785283	
7/A	9/32 - 5/16	1-11/32	3-1/2	9785284	
6/A	5/16 - 11/32	1-1/2	4-1/8	9785285	
5/A	11/32 - 3/8	1-1/2	4-3/8	9785286	
4/A	3/8 - 13/32	1-1/2	4-3/4	9785287	
3/A	13/32 - 7/16	1-1/2	5	9785288	
2/A	7/16 - 15/32	1-5/8	5-1/4	9785289	
A	15/32 - 17/32	1-5/8	5-1/2	9785290	
B	17/32 - 19/32	1-13/16	5-3/4	9785291	
C	19/32 - 21/32	2-1/16	6-1/2	9785292	
D	21-32 - 23/32	2-3/16	6-3/4	9785293	

Size	Range of Adjust.	Blade Length	Overall Length	Order No.	Price
E	23/32 - 25/32	2-1/2	7	9785294	
F	25/32 - 27/32	2-5/8	7-3/8	9785295	
G	27/32 - 15/16	3	8	9785296	
H	15/16 - 1-1/16	3-1/4	9	9785297	
I	1-1/16 - 1-3/16	3-3/8	10	9785298	
J	1-3/16 - 1-11/32	3-7/8	11	9785299	
K	1-11/32 - 1-1/2	4-1/4	12	9785300	
L	1-1/2 - 1-13/16	4-7/16	14	9785301	
M	1-13/16 - 2-7/32	5	16	9785302	
N	2-7/32 - 2-3/4	4-13/16	18	9785303	
O	2-3/4 - 3-11/32	5-3/16	20	9785304	

HIGH SPEED STEEL

**ALIGNING REAMERS - SPIRAL FLUTE**

SERIES 978:

1/2" Straight Shank with 3 Equal Flats to Fit 1/2" Chucks

Used to align existing holes prior to rivet or bolt installation. The point is tapered to allow entry into overlapping holes. They are also useful in portable reaming.



Size	Flute Length	Overall Length	Shank Diameter	Order No.	Price
1/4	2-1/2	4-3/8	1/4*	9782588	
5/16	2-3/4	4-5/8	5/16	9782589	
3/8	2-3/4	4-5/8	3/8	9782590	
7/16	3-1/2	5-3/8	7/16	9782591	
1/2	4	5-7/8	1/2	9782592	
9/16	4	5-7/8	1/2	9782593	
5/8	4-1/2	6-3/8	1/2	9782595	
11/16	4-1/2	6-3/8	1/2	9782596	
3/4	5	6-7/8	1/2	9782597	
13/16	5	6-7/8	1/2	9782598	
7/8	5	6-7/8	1/2	9782599	
15/16	5	6-7/8	1/2	9782600	
1	5	6-7/8	1/2	9782601	
1-1/16	5	6-7/8	1/2	9782602	

\* Indicates No Flats on Shank

HIGH SPEED STEEL

**CAR REAMERS**

SERIES 978:

TAPER SHANK - SPIRAL FLUTE

Car reamers are primarily used for enlarging, aligning and deburring holes. They are often used in building and repairing railroad cars. Their short flute and overall lengths permit use in cramped quarters.



Size	Approx. Point Size	No. of Flutes	Flute Length	Overall Length	Morse Taper No.	Order No.	Price
5/16	11/64	4	2-3/4	5-11/16	1	9782670	
3/8	15/64	4	2-3/4	5-11/16	1	9782671	
11/32	15/64	4	2-3/4	5-11/16	1	9782672	
7/16	1/4	5	3-1/2	6-15/16	2	9782673	
15/32	9/32	5	3-1/2	7-1/16	2	9782674	
1/2	19/64	5	4	7-9/16	2	9782675	
9/16	9/32	5	4	7-9/16	2	9782676	
5/8	5/16	5	4-1/2	8-1/16	2	9782677	
11/16	3/8	5	4-1/2	8-13/16	3	9782678	
3/4	13/32	5	5	9-1/2	3	9782679	
13/16	15/32	5	5	9-1/2	3	9782680	
15/16	19/32	5	5	9-1/2	3	9782681	
1	27/32	5	5	9-1/2	3	9782682	

HIGH SPEED STEEL

**ALIGNING REAMERS - HEX SHANK STYLE**

SERIES 978:

LH Spiral Flute

Size	Flute Length	Overall Length	Hex Shank Diameter	Order No.	Price
11/16	4-1/2	6-1/2	1-1/16	9782603	
13/16	5	7	1/4	9782604	
15/16	5	7	1-7/16	9782605	
1-1/16	5	7	1-5/8	9782606	



For portable pneumatic tools, the short length permits use in limited-access areas. The shank diameter for each reamer matches socket size for the bolt which will be driven through the newly reamed hole.

CUTTING TOOLS - REAMERS

HIGH SPEED STEEL

**HAND EXPANSION REAMERS**

SERIES 68: STRAIGHT FLUTE - MEDA SUPERIOR IMPORT

SERIES 69: SPIRAL (LH) FLUTE - MEDA SUPERIOR IMPORT

SERIES 982: STRAIGHT FLUTE & SPIRAL (LH) FLUTE - LAVALLEE & IDE



Many more sizes up to 3" available. See our website or inquire.

Size	Flute Length*	Overall Length	Straight Flute				Spiral Flute			
			MEDA		L & I		MEDA		L & I	
			Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
3/16	1-1/8	3-3/8	251012		9260700		252012		1262700	
7/32	1-3/16	3-1/2	251014		1260701		252014		-	
1/4	1-7/16	4	251016		-		252016		-	
9/32	1-3/4	4-1/4	251018		1260702		252018		1262701	
5/16	1-3/4	4-1/4	1205020		-		1210020		-	
11/32	1-3/4	4-1/2	251022		1260703		252022		-	
3/8	1-3/4	4-1/2	1205024		1260704		1210024		1262702	
13/32	1-3/4	5	1205026		1260705		1210026		-	
7/16	1-3/4	5	1205028		1260706		1210028		1262703	
15/32	1-13/16	5	1205030		1260707		1210030		-	
1/2	1-13/16	5-1/2	1205032		1260708		1210032		1262704	
17/32	2	5-1/2	1205034		-		1210034		-	
9/16	2-1/8	6	1205036		1260709		1210036		1262705	
19/32	2-1/2	6-1/2	1205038		-		1210038		-	
5/8	2-1/2	6-1/2	1205040		1260710		1210040		1262706	
21/32	2-1/2	6-3/4	1205042		-		1210042		-	
11/16	2-1/2	6-3/4	1205044		1260711		1210044		1262707	
23/32	2-5/8	7	1205046		-		1210046		-	
3/4	2-11/16	7-1/16	1205048		1260712		1210048		1262708	
25/32	3-1/16	7-1/16	1205050		-		1210050		-	
13/16	3-1/16	7-9/16	1205052		1260713		1210052		1262709	
27/32	3-5/16	8	1205054		-		1210054		-	
7/8	3-5/16	8	1205056		1260714		1210056		1262710	
29/32	3-9/16	8-3/8	1205058		-		1210058		-	
15/16	3-9/16	8-3/8	1205060		1260715		1210060		1262711	
31/32	3-3/4	8-7/8	1205062		-		1210062		-	
1	3-3/4	8-7/8	1205064		1260716		1210064		1262712	
1-1/16	4	9-3/16	1205068		1260717		1210068		1262713	
1-1/8	4-1/8	9-1/2	1205072		1260718		1210072		1262714	
1-3/16	4-1/4	9-7/8	1205076		1260719		1210076		1262715	
1-1/4	4-3/8	10-1/4	1205080		1260720		1210080		1262716	
1-5/16	4-1/2	10-5/8	1205084		1260721		1210084		1262717	
1-3/8	4-9/16	11	1205088		1260722		1210088		1262718	
1-7/16	4-3/4	11-3/8	1205092		1260723		1210092		1262719	
1-1/2	4-13/16	11-5/8	1205096		1260724		1210096		1262720	
1-9/16	4-13/16	11-1/4	1205136		1260725		252136		1262721	
1-5/8	4-7/8	11-5/8	1205140		1260726		1210140		1262722	
1-11/16	4-7/8	12	1205144		1260727		252144		1262723	
1-3/4	5	12-1/16	1205148		1260728		1210148		1262724	
1-13/16	5	12-3/8	1205152		1260729		252152		1262725	
1-7/8	5	12-3/8	1205156		1260730		1210156		1262726	
1-15/16	5	12-3/4	1205160		1260731		252160		1262727	
2	5	13-1/16	1205200		1260732		1210200		1262728	



NOTE: Expansion hand reamers are primarily designed for work where it is necessary to enlarge reamed holes by a few thousandths.

**Maximum Expansion Limit:**

- 1/4" - 7/16" .006"
- 1/2" - 7/8" .010"
- 1" - 1 - 1/4" .012"

\*May vary slightly.

METRIC SIZES

**TAPER PIN REAMERS**

High Speed Steel

SERIES 58:



Size	Shank Dia.	Diameter		Flute Length	Overall Length	Order No.	Price
		Small End	Large End				
2mm	3.15	1.9mm	2.86mm	48mm	68mm	0580002	
3mm	4.0	2.9mm	4.06mm	58mm	80mm	0580003	
4mm	5.0	3.9mm	5.26mm	68mm	93mm	0580004	
5mm	6.3	4.9mm	6.36mm	73mm	100mm	0580005	
6mm	8.0	5.9mm	8.00mm	105mm	135mm	0580006	
8mm	10.0	7.9mm	10.80mm	145mm	180mm	0580008	
10mm	12.5	9.9mm	13.40mm	175mm	215mm	0580010	
12mm	14.0	11.8mm	16.00mm	210mm	255mm	0580012	
14mm	15.0	13.8mm	18.00mm	210mm	255mm	0580014	
16mm	18.0	15.8mm	20.40mm	230mm	280mm	0580016	
18mm	18.0mm	17.8mm	22.40mm	230mm	280mm	0580018	
20mm	22.4mm	19.8mm	24.80mm	250mm	310mm	0580020	

CUTTING TOOLS - REAMERS

HIGH SPEED STEEL

**TAPER PIN REAMERS**

TAPER: 1/4" PER FOOT  
SERIES 58: STRAIGHT FLUTE  
SERIES 59: SPIRAL FLUTE (LH)  
SERIES 60: HELICAL FLUTE



Size	Diameter		Flute Length	Overall Length	Straight Flute		Spiral Flute		Helical Flute	
	Small End	Large End			Order No.	Price	Order No.	Price	Order No.	Price
7/0	.0497	.0666	13/16	1-13/16	1155070		1160070		1165070	
6/0	.0611	.0806	15/16	1-15/16	1155060		1160060		1165060	
5/0	.0716	.0966	1-3/16	2-3/16	1155050		1160050		1165050	
4/0	.0869	.1142	1-5/16	2-5/16	1155040		1160040		1165040	
3/0	.1029	.1302	1-5/16	2-5/16	1155030		1160030		1165030	
2/0	.1137	.1462	1-9/16	2-9/16	1155020		1160020		1165020	
0	.1287	.1638	1-11/16	2-15/16	1155000		1160000		1165000	
1	.1447	.1798	1-11/16	2-15/16	1155001		1160001		1165001	
2	.1605	.2008	1-15/16	3-3/16	1155002		1160002		1165002	
3	.1813	.2294	2-5/16	3-11/16	1155003		1160003		1165003	
4	.2071	.2604	2-9/16	4-1/16	1155004		1160004		1165004	
5	.2409	.2994	2-13/16	4-5/16	1155005		1160005		1165005	
6	.2773	.3540	3-11/16	5-7/16	1155006		1160006		1165006	
7	.3297	.4220	4-7/16	6-5/16	1155007		1160007		1165007	
8	.3971	.5050	5-3/16	7-3/16	1155008		1160008		1165008	
9	.4805	.6066	6-1/16	8-5/16	1155009		1160009		1165009	
10	.5799	.7216	6-13/16	9-5/16	1155010		1160010		1165010	
11	.7060	.8780	8-1/4	11-1/4	1155011		1160011		240311	
12	.8420	1.0500	10	13-5/8	1155012		1160012		240312	
13	1.0090	1.2590	12	16	1155013		1160013		240313	
14	1.2500	1.5420	14	18-1/4	1155014		1160014		240314	

CUTTING TOOLS - REAMERS

HIGH SPEED STEEL

**TAPER PIN REAMER SETS**

Each set is supplied in a plastic pouch with reamer sizes clearly marked.

SERIES 58: STRAIGHT FLUTE  
SERIES 59: SPIRAL FLUTE (LH)  
SERIES 60: HELICAL FLUTE

Range	No. of Pieces	Straight Flute		Spiral Flute		Helical Flute	
		Order No.	Price	Order No.	Price	Order No.	Price
7/0 to 0	7	5800007		5900007		6010007	
0 to 5	6	5800006		5900006		6010006	
0 to 10	11	5800011		5900011		6010011	
7/0 to 10	17	5800017		5900017		6010017	



HIGH SPEED STEEL

**TAPER PIN REAMERS**

TAPER: 1/4" PER FOOT  
SERIES 982:

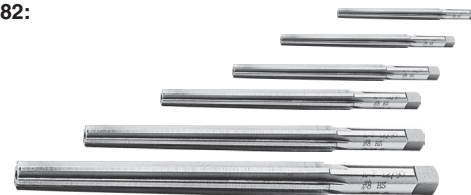


Specifications same as above.

Size	Straight Flute		Spiral Flute		Helical Flute	
	Order No.	Price	Order No.	Price	Order No.	Price
7/0	1550800		1552800		1553800	
6/0	1550801		1552801		1553801	
5/0	1550802		1552802		1553802	
4/0	1550803		1552803		1553803	
3/0	9550804		1552804		1553804	
2/0	1550805		1552805		1553805	
0	1550806		1552806		1553806	
1	1550807		1552807		1553807	
2	1550808		1552808		1553808	
3	1550809		1552809		1553809	
4	9550810		1552810		1553810	
5	1550811		1552811		1553811	
6	1550812		1552812		1553812	
7	1550813		1552813		1553813	
8	9550814		1552814		1553814	
9	1550815		1552815		1553815	
10	1550816		1552816		1553816	

**TAPER PIN REAMER SETS**

SERIES 982:



Order No.	Range	Flute	No. of Reamers	Type Case	Price
9829080	#0-#10	STR	11	Wood	
9829081	#0-#10	LHS	11	Wood	
9829082	#0-#10	HELICAL	11	Wood	
9829083	7/0-#0	STR	7	Wood	
9829084	7/0-#0	LHS	7	Wood	
9829085	7/0-#0	HELICAL	7	Wood	
9829086	#0-#5	STR	6	Wood	
9829087	#0-#5	LHS	6	Wood	
9829088	#0-#5	HELICAL	6	Wood	

HIGH SPEED STEEL

**SHELL REAMERS**

SERIES 61 : STRAIGHT FLUTE  
SERIES 62 : SPIRAL FLUTE (LH)

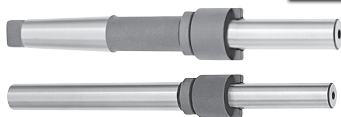


Many more sizes, as well as Carbide Tipped Shell Reamers available. See our website or inquire.



**SHELL REAMER ARBORS**

SERIES 380 : STRAIGHT SHANK  
SERIES 381 : TAPER SHANK



Self-Ejecting Nut Type Shown

- Made of alloy forged steel for long, durable service life.
- Hardened to RC 56-60 and ground to ensure maximum accuracy.
- Taper T.I.R. <0.0004".
- FEDERAL Arbors are provided with ejecting nut, collar and key, MEDA Arbors are not.

Size	Overall Lgth	Hole Diameter	Fitting Arbor No.	Straight Flute		Spiral Flute	
				Order No.	Price	Order No.	Price
3/4	2-1/4	3/8	4	1170048		1175048	
13/16	2-1/2	1/2	5	1170052		1175052	
7/8	2-1/2	1/2	5	1170056		1175056	
15/16	2-1/2	1/2	5	1170060		1175060	
1	2-1/2	1/2	5	1170064		1175064	
1-1/16	2-3/4	5/8	6	1170068		1175068	
1-1/8	2-3/4	5/8	6	1170072		1175072	
1-3/16	2-3/4	5/8	6	1170076		1175076	
1-1/4	2-3/4	5/8	6	1170080		1175080	
1-5/16	3	3/4	7	1170084		1175084	
1-3/8	3	3/4	7	1170088		1175088	
1-7/16	3	3/4	7	1170092		1175092	
1-1/2	3	3/4	7	1170096		1175096	
1-9/16	3	3/4	7	1170136		1175136	
1-5/8	3	3/4	7	1170140		1175140	
1-11/16	3-1/2	1	8	1170144		1175144	
1-3/4	3-1/2	1	8	1170148		1175148	
1-13/16	3-1/2	1	8	1170152		1175152	
1-7/8	3-1/2	1	8	1170156		1175156	
1-15/16	3-1/2	1	8	1170160		1175160	
2	3-1/2	1	8	1170164		1175164	
2-1/16	3-3/4	1-1/4	9	1170204		1175204	
2-1/8	3-3/4	1-1/4	9	1170208		1175208	
2-3/16	3-3/4	1-1/4	9	1170212		1175212	
2-1/4	3-3/4	1-1/4	9	1170216		1175216	
2-5/16	3-3/4	1-1/4	9	1170220		1175220	
2-3/8	3-3/4	1-1/4	9	1170224		1175224	
2-7/16	3-3/4	1-1/4	9	1170228		1175228	
2-1/2	3-3/4	1-1/4	9	1170232		1175232	
2-9/16	4	1-1/2	10	1170236		1175236	
2-5/8	4	1-1/2	10	1170240		1175240	
2-11/16	4	1-1/2	10	1170244		1175244	
2-3/4	4	1-1/2	10	1170248		1175248	
2-13/16	4	1-1/2	10	1170252		1175252	
2-7/8	4	1-1/2	10	1170256		1175256	
2-15/16	4	1-1/2	10	1170260		1175260	
3	4	1-1/2	10	1170264		1175264	
3-1/16	4-1/2	1-3/4	11	1170304		1175304	
3-1/8	4-1/2	1-3/4	11	1170308		1175308	
3-3/16	4-1/2	1-3/4	11	1170312		1175312	
3-1/4	4-1/2	1-3/4	11	1170316		1175316	
3-5/16	4-1/2	1-3/4	11	1170320		1175320	
3-3/8	4-1/2	1-3/4	11	1170324		1175324	
3-7/16	4-1/2	1-3/4	11	1170328		1175328	
3-1/2	4-1/2	1-3/4	11	1170332		1175332	
3-9/16	5	2	12	1170336		1175336	
3-5/8	5	2	12	1170340		1175340	
3-11/16	5	2	12	1170344		1175344	
3-3/4	5	2	12	1170348		1175348	
3-13/16	5	2	12	1170352		1175352	
3-7/8	5	2	12	1170356		1175356	
3-15/16	5	2	12	1170360		1175360	
4	5	2	12	1170400		1175400	

CUTTING TOOLS - REAMERS

Size	Range		Dia. of Straight Shank	M.T. of Taper Shank	Straight Shank				Taper Shank			
	From	To			FEDERAL		MEDA		FEDERAL		MEDA	
					Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
4	21/32	25/32	1/2	2	7068004		2195004		7067004		2200004	
5	13/16	1-1/32	5/8	2	7068005		2195005		7067005		2200005	
6	1-1/16	1-9/32	3/4	3	7068006		2195006		7067006		2200006	
7	1-5/16	1-21/32	7/8	3	7068007		2195007		7067007		2200007	
8	1-11/16	2	1-1/8	4	7068008		2195008		7067008		2200008	
9	2-1/16	2-1/2	1-3/8	4	7068009		2195009		7067009		2200009	
10	2-9/16	3	1-5/8	5	7068010		2195010		7067010		2200010	
11	3-1/16	3-1/2	2	5	7068011		2195011		7067011		2200011	
12	3-9/16	4	2-1/8	5	7068012		2195012		7067012		2200012	

HIGH SPEED STEEL

**TAPER PIPE REAMERS**

SERIES 535: MEDA

SUPERIOR IMPORT

SERIES 982: SPIRAL FLUTE (LH) -  
LAVALLEE & IDE



Size	Small End	Large End	Flute Lgth	OAL.	MEDA				LAVALLEE & IDE			
					Straight Flute		Spiral Flute (LH)		Straight Flute		Spiral Flute (LH)	
					Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1/16	.245	.291	3/4	2	5350004		5360004		8268039		8218039	
1/8	.316	.362	3/4	2-1/8	5350008		5360008		8268040		8218040	
1/4	.406	.472	1-1/16	2-7/16	5350016		5360016		8268041		8218041	
3/8	.540	.606	1-1/16	2-9/16	5350024		5360024		8268042		8218042	
1/2	.665	.751	1-3/8	3-1/8	5350032		5360032		8268043		8218043	
3/4	.876	.962	1-3/8	3-1/4	5350048		5360048		8268044		8218044	
1	1.103	1.212	1-3/4	3-3/4	5350064		5360064		8268045		8218045	
1-1/4	1.444	1.553	1-3/4	4	5350080		5360980		8268046		8218046	
1-1/2	1.684	1.793	1-3/4	4-1/4	5350096		5360096		8268047		8218047	
2	2.159	2.268	1-3/4	4-1/2	5350200		5360200		8268048		8218048	
2-1/2	2.722	2.561	2-5/8	5-1/2	5350232		5360232		8268049		8218049	
3	3.380	3.202	2-3/4	6	5350300		5360300		8268050		8218050	



Spiral Flute

**TAPER PIPE REAMER SETS**



- Each set is supplied in a plastic pouch with reamer sizes clearly marked.
- Designed for reaming holes to be tapped with American standard taper pipe taps (NPT). • 3/4" Taper per foot. • Generally used by hand.
- Available with straight or spiral flutes and square shank. • Made from High Speed Steel.

Range	No. of Pieces	Straight Flute		Spiral Flute	
		Order No.	Price	Order No.	Price
1/4, 3/8, 1/2, 3/4 and 1"	5	5350015		5360015	



HIGH SPEED STEEL / 3 FLUTE, STRAIGHT SHANK

**SOLID PILOT COUNTERBORES**



SERIES 75: For Cap Screws - Machine Screw, Fractional, and Metric Sizes



Size	Pilot Dia.	Cutting Dia.	Shank Dia.	Overall Length	Order No.	Price
No.5	.141	.221	3/16	3	1235005	
No.6	.150	.242	7/32	3	1235006	
No.8	11/64	19/64	1/4	3	1235008	
No.10	13/64	21/64	5/16	3-1/2	1235010	
1/4	9/32	13/32	3/8	5	1235016	
5/16	11/32	1/2	7/16	5	1235020	
3/8	13/32	19/32	1/2	6	1235024	
7/16	15/32	11/16	1/2	7	1235028	
1/2	17/32	25/32	3/4	7-1/2	1235032	
5/8	21/32	31/32	3/4	7-1/2	1235040	
3/4	13/16	1-3/16	1	8	1235048	
7/8	15/16	1-3/8	1	8	1235056	
1	1-1/16	1-9/16	1	10	1235064	

Size	Pilot Dia.	Cutter Dia.	Cutter Length	Shank Dia.	Order No.	Price
M3	3.4	6	25.400	5.556	1236003	
M4	4.5	8	25.400	7.938	1236004	
M5	5.5	10	31.750	9.525	1236005	
M6	6.6	11	34.925	11.112	1236006	
M8	9	15	38.894	12.700	1236008	
M10	11	18	44.450	12.700	1236010	
M12	14	20	50.800	12.700	1236012	
M14*	15	24	60.325	MT2	1236014	
M16*	17	26	79.375	MT2	1236016	
M20*	21	33	79.375	MT2	1236020	

\* Taper Shank

See next page for sets

HIGH SPEED STEEL / 2 FLUTE, STRAIGHT SHANK

**SOLID PILOT COUNTERBORES**



SERIES 74: For Fillister Head Screws - Machine Screw Sizes and Fractional Sizes



	Screw Size	Pilot Size	Cutting Size	Shank Dia.	Overall Length	Order No.	Price	
Machine Screw Sizes	0	.059	.110		2-1/2	1230000		
	1	.072	.133		2-1/2	1230001		
	2	.085	.155	.1875	2-1/2	1230002		
	3	.098	.176	.1875	2-1/2	1230003		
	4	.111	.198	.2500	2-5/8	1230004		
	5	.124	.220	.2500	2-5/8	1230005		
	6	.137	.241	.2500	2-5/8	1230006		
	8	.163	.285	.3125	2-3/4	1230008		
	10	.189	.328	.3750	2-7/8	1230010		
	12	.215	.372	.3750	3	1230012		
	Fractional Sizes	1/4	1/4	13/32	5/16	3-5/8	1230016	
		5/16	5/16	15/32	3/8	4	1230020	
3/8		3/8	19/32	7/16	4-3/8	1230024		
7/16		7/16	21/32	1/2	4-3/4	1230028		
	1/2	1/2	25/32	9/16	5-1/8	1230032		

Contains 1 piece each. Supplied in Wood Block		Order No.	Price
5 Piece Set: No.2, No.4, No. 6, No.8, No.10		1230025	
4 Piece Set: 1/4", 5/16", 3/8", 1/2"		1230124	

CUTTING TOOLS - REAMERS