

Straight Shank Chucking Reamers

Alésoir machine

Rima de máquina



High Speed Steel
Straight Flute — Right Hand Cut

45° Chamfer for reaming of most materials

List No. 1655

Diameter Tolerances

up to 1/2" — +.0002/-0

over 1/2" to 5/8" — +.0003/-0

over 5/8" to 1 1/2" — +.0001/+0.0004

Decimal Sizes: Pages 96-100
Dowel Pin Sizes: Page 100
Metric Sizes: Pages 94-95

STANDARD All sizes - 1 each
PACKAGE

FRAC-TIONAL	SIZE WIRE GAGE AND DECIMAL	DEC. EQUIV.	SHANK DIA.	FLUTE LENGTH	OAL	NO. OF FLUTES	EDP NO.
	#60	.0400	.0390	1/2	2 1/2	4	22101
	59	.0410	.0390	1/2	2 1/2	4	22102
	58	.0420	.0390	1/2	2 1/2	4	22103
	57	.0430	.0390	1/2	2 1/2	4	22104
	56	.0465	.0455	1/2	2 1/2	4	22105
3/64		.0469	.0455	1/2	2 1/2	4	22106
	55	.0520	.0510	1/2	2 1/2	4	22107
	54	.0550	.0510	1/2	2 1/2	4	22108
	53	.0595	.0585	1/2	2 1/2	4	22109
1/16		.0625	.0585	1/2	2 1/2	4	22110
	52	.0635	.0585	1/2	2 1/2	4	22111
	51	.0670	.0660	3/4	3	4	22112
	50	.0700	.0660	3/4	3	4	22113
	49	.0730	.0660	3/4	3	4	22114
	48	.0760	.0720	3/4	3	4	22115
5/64		.0781	.0720	3/4	3	4	22116
	47	.0785	.0720	3/4	3	4	22117
	46	.0810	.0771	3/4	3	4	22118
	45	.0820	.0771	3/4	3	4	22119
	44	.0860	.0810	3/4	3	4	22120
	43	.0890	.0810	3/4	3	4	22121
	42	.0935	.0880	3/4	3	4	22122
3/32		.0938	.0880	3/4	3	4	22123
	41	.0960	.0928	7/8	3 1/2	4	22124
	40	.0980	.0928	7/8	3 1/2	4	22125
	39	.0995	.0928	7/8	3 1/2	4	22126
	38	.1015	.0950	7/8	3 1/2	4	22127
	37	.1040	.0950	7/8	3 1/2	4	22128
	36	.1065	.1030	7/8	3 1/2	4	22129
7/64		.1094	.1030	7/8	3 1/2	4	22130
	35	.1100	.1030	7/8	3 1/2	4	22131
	34	.1110	.1055	7/8	3 1/2	4	22132
	33	.1130	.1055	7/8	3 1/2	4	22133
	32	.1160	.1120	7/8	3 1/2	4	22134
	31	.1200	.1120	7/8	3 1/2	4	22135
	.1240	.1240	.1190	7/8	3 1/2	4	22136
1/8		.1250	.1190	7/8	3 1/2	4	22137
	.1260	.1260	.1190	7/8	3 1/2	4	22138
	30	.1285	.1190	7/8	3 1/2	4	22139
	29	.1360	.1275	1	4	4	22140
	28	.1405	.1350	1	4	4	22141
9/64		.1406	.1350	1	4	4	22142
	27	.1440	.1350	1	4	4	22143
	26	.1470	.1430	1	4	4	22144
	25	.1495	.1430	1	4	4	22145
	24	.1520	.1460	1	4	4	22146
	23	.1540	.1460	1	4	4	22147
5/32		.1562	.1510	1	4	6	22148
	22	.1570	.1510	1	4	6	22149

(continued)

Straight Shank Chucking Reamers (continued)

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FRAC-TIONAL	SIZE LETTER	WIRE GAGE AND DECIMAL	DEC. EQUIV.	SHANK DIA.	FLUTE LENGTH	OAL	NO. OF FLUTES	EDP NO.
1 ¹ / ₆₄		#21	.1590	.1530	1 ¹ / ₈	4 ¹ / ₂	6	22150
		20	.1610	.1530	1 ¹ / ₈	4 ¹ / ₂	6	22151
		19	.1660	.1595	1 ¹ / ₈	4 ¹ / ₂	6	22152
		18	.1695	.1595	1 ¹ / ₈	4 ¹ / ₂	6	22153
			.1719	.1645	1 ¹ / ₈	4 ¹ / ₂	6	22154
		17	.1730	.1645	1 ¹ / ₈	4 ¹ / ₂	6	22155
		16	.1770	.1704	1 ¹ / ₈	4 ¹ / ₂	6	22156
		15	.1800	.1755	1 ¹ / ₈	4 ¹ / ₂	6	22157
		14	.1820	.1755	1 ¹ / ₈	4 ¹ / ₂	6	22158
		13	.1850	.1805	1 ¹ / ₈	4 ¹ / ₂	6	22159
3 ¹ / ₁₆		.1865	.1865	.1805	1 ¹ / ₈	4 ¹ / ₂	6	22160
			.1875	.1805	1 ¹ / ₈	4 ¹ / ₂	6	22161
		.1885	.1885	.1805	1 ¹ / ₈	4 ¹ / ₂	6	22162
		12	.1890	.1805	1 ¹ / ₈	4 ¹ / ₂	6	22163
		11	.1910	.1860	1 ¹ / ₄	5	6	22164
13 ¹ / ₆₄		10	.1935	.1895	1 ¹ / ₄	5	6	22165
		9	.1960	.1895	1 ¹ / ₄	5	6	22166
		8	.1990	.1895	1 ¹ / ₄	5	6	22167
		7	.2010	.1895	1 ¹ / ₄	5	6	22168
			.2031	.1945	1 ¹ / ₄	5	6	22169
7 ¹ / ₃₂		6	.2040	.1945	1 ¹ / ₄	5	6	22170
		5	.2055	.2016	1 ¹ / ₄	5	6	22171
		4	.2090	.2016	1 ¹ / ₄	5	6	22172
		3	.2130	.2075	1 ¹ / ₄	5	6	22173
			.2187	.2075	1 ¹ / ₄	5	6	22174
15 ¹ / ₆₄		2	.2210	.2173	1 ¹ / ₂	6	6	22175
		1	.2280	.2173	1 ¹ / ₂	6	6	22176
	A		.2340	.2265	1 ¹ / ₂	6	6	22177
			.2344	.2265	1 ¹ / ₂	6	6	22178
	B		.2380	.2329	1 ¹ / ₂	6	6	22179
1 ¹ / ₄	C		.2420	.2329	1 ¹ / ₂	6	6	22180
	D		.2460	.2329	1 ¹ / ₂	6	6	22181
		.2490	.2490	.2405	1 ¹ / ₂	6	6	22182
	E		.2500	.2405	1 ¹ / ₂	6	6	22183
		.2510	.2510	.2405	1 ¹ / ₂	6	6	22185
17 ¹ / ₆₄	F		.2570	.2485	1 ¹ / ₂	6	6	22186
	G		.2610	.2485	1 ¹ / ₂	6	6	22187
			.2656	.2485	1 ¹ / ₂	6	6	22188
	H		.2660	.2485	1 ¹ / ₂	6	6	22189
	I		.2720	.2485	1 ¹ / ₂	6	6	22190
9 ¹ / ₃₂	J		.2770	.2485	1 ¹ / ₂	6	6	22191
	K		.2810	.2485	1 ¹ / ₂	6	6	22192
			.2812	.2485	1 ¹ / ₂	6	6	22193
	L		.2900	.2792	1 ¹ / ₂	6	6	22194
	M		.2950	.2792	1 ¹ / ₂	6	6	22195
19 ¹ / ₆₄			.2969	.2792	1 ¹ / ₂	6	6	22196
	N		.3020	.2792	1 ¹ / ₂	6	6	22197
		.3115	.3115	.2792	1 ¹ / ₂	6	6	22198
5 ¹ / ₁₆			.3125	.2792	1 ¹ / ₂	6	6	22199
		.3135	.3135	.2792	1 ¹ / ₂	6	6	22200
21 ¹ / ₆₄	O		.3160	.2792	1 ¹ / ₂	6	6	22201
	P		.3230	.2792	1 ¹ / ₂	6	6	22202
			.3281	.2792	1 ¹ / ₂	6	6	22203
	Q		.3320	.2792	1 ¹ / ₂	6	6	22204
	R		.3390	.2792	1 ¹ / ₂	6	6	22205
11 ¹ / ₃₂			.3437	.2792	1 ¹ / ₂	6	6	22206
	S		.3480	.3105	1 ³ / ₄	7	6	22207
23 ¹ / ₆₄			.3580	.3105	1 ³ / ₄	7	6	22208
	T		.3594	.3105	1 ³ / ₄	7	6	22209

(continued)

Straight Shank Chucking Reamers (continued)

List No. 1655

Alésoir machine

Rima de máquina

Decimal Sizes: Pages 96-100
Dowel Pin Sizes: Page 100
Metric Sizes: Pages 94-95

Reamers

FRAC-TIONAL	SIZE		DEC. EQUIV.	SHANK DIA.	FLUTE LENGTH	OAL	NO. OF FLUTES	EDP NO.
	LETTER	DECIMAL						
3/8	U		.3680	.3105	1 3/4	7	6	22210
		.3740	.3740	.3105	1 3/4	7	6	22211
	V	.3760	.3760	.3105	1 3/4	7	6	22212
		.3770	.3770	.3105	1 3/4	7	6	22213
25/64	W		.3860	.3105	1 3/4	7	6	22214
		.3906	.3906	.3105	1 3/4	7	6	22215
	X	.3970	.3970	.3105	1 3/4	7	6	22216
13/32	Y		.4040	.3105	1 3/4	7	6	22217
		.4062	.4062	.3105	1 3/4	7	6	22218
27/64	Z		.4130	.3730	1 3/4	7	6	22219
		.4219	.4219	.3730	1 3/4	7	6	22220
		.4365	.4365	.3730	1 3/4	7	6	22221
		.4375	.4375	.3730	1 3/4	7	6	22222
7/16		.4385	.4385	.3730	1 3/4	7	6	22223
		.4385	.4385	.3730	1 3/4	7	6	22224
29/64		.4531	.3730	1 3/4	7	6	22225	
15/32		.4687	.3730	1 3/4	7	6	22226	
31/64		.4844	.4844	.4355	2	8	6	22227
		.4990	.4990	.4355	2	8	6	22228
1/2		.5000	.5000	.4355	2	8	6	22229
		.5010	.5010	.4355	2	8	6	22230
17/32		.5312	.4355	2	8	6	22231	
9/16		.5625	.4355	2	8	8	22232	
19/32		.5937	.4355	2	8	8	22233	
5/8		.6250	.5615	2 1/4	9	8	22234	
21/32		.6562	.5615	2 1/4	9	8	22235	
11/16		.6875	.5615	2 1/4	9	8	22236	
23/32		.7187	.5615	2 1/4	9	8	22237	
3/4		.7500	.6240	2 1/2	9 1/2	8	22238	
25/32		.7812	.6240	2 1/2	9 1/2	8	22239	
13/16		.8125	.6240	2 1/2	9 1/2	8	22240	
27/32		.8437	.6240	2 1/2	9 1/2	8	22241	
7/8		.8750	.7490	2 5/8	10	8	22242	
29/32		.9062	.7490	2 5/8	10	8	22243	
15/16		.9375	.7490	2 5/8	10	8	22244	
31/32		.9687	.7490	2 5/8	10	8	22245	
1		1.0000	.8740	2 3/4	10 1/2	8	22246	
1 1/16		1.0625	.8740	2 3/4	10 1/2	8	22247	
1 1/8		1.1250	.8740	2 3/4	11	10	22248	
1 3/16		1.1875	.9990	2 3/4	11	10	22249	
1 1/4		1.2500	.9990	3	11 1/2	10	22250	
1 3/8		1.3750	.9990	3 1/4	12	10	22251	
1 1/2		1.5000	1.2490	3 1/2	12 1/2	10	22252	

Straight Shank Chucking Reamer Sets

High Speed Steel — Straight Flute
Right Hand Cut

SET NO.	PCS. PER SET	SIZE RANGE	EDP NO.
501	29	1/16 to 1/2 by 64ths	22301
502	26	A to Z	22302
503	60	Nos. 1 to 60	22303

Jeu d'alésoirs

Juego de rimas



List No. 1655
In Metal Indexed Case