

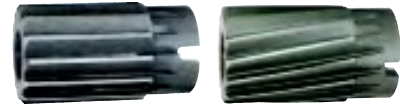
Shell Reamers

High Speed Steel, Right Hand

Designed as a sizing or finishing reamer ,
can be held on an arbor which complete
with driving lugs

O.D.Tolerance:

3/4" - 1"	+ .0005"	- .0001"
Over 1"	+ .0006"	- .0002"



Size	Overall Length	Hole Diameter	No. of Flutes	Fitting Arbor No.	Straight Flute Order No.	Spiral Flute Order No.	Size	Overall Length	Hole Diameter	No. of Flutes	Fitting Arbor No.	Straight Flute Order No.	Spiral Flute Order No.
3/4"	2-1/4"	3/8"	10	4	337-7048	337-8048	2-7/16"	3-3/4"	1-1/4"	14	9	337-7156	337-8156
13/16	2-1/2"	1/2"	10	5	337-7052	337-8052	2-1/2"	3-3/4"	1-1/4"	14	9	337-7160	337-8160
7/8	2-1/2"	1/2"	10	5	337-7056	337-8056	2-9/16	4	1-1/2"	16	10	337-7164	337-8164
15/16	2-1/2"	1/2"	10	5	337-7060	337-8060	2-5/8	4	1-1/2"	16	10	337-7168	337-8168
1	2-1/2"	1/2"	10	5	337-7064	337-8064	2-11/16	4	1-1/2"	16	10	337-7172	337-8172
1-1/16	2-3/4"	5/8"	10	6	337-7068	337-8068	2-3/4	4	1-1/2"	16	10	337-7176	337-8176
1-1/8	2-3/4"	5/8"	10	6	337-7072	337-8072	2-13/16	4	1-1/2"	16	10	337-7180	337-8180
1-3/16	2-3/4"	5/8"	10	6	337-7076	337-8076	2-7/8	4	1-1/2"	16	10	337-7184	337-8184
1-1/4	2-3/4"	5/8"	12	6	337-7080	337-8080	2-15/16	4	1-1/2"	16	10	337-7188	337-8188
1-5/16	3	3/4"	12	7	337-7084	337-8084	3	4	1-1/2"	16	10	337-7192	337-8192
1-3/8	3	3/4"	12	7	337-7088	337-8088	3-1/16	4-1/2"	1-3/4"	18	11	337-7196	337-8196
1-7/16	3	3/4"	12	7	337-7092	337-8092	3-1/8	4-1/2"	1-3/4"	18	11	337-7200	337-8200
1-1/2	3	3/4"	12	7	337-7096	337-8096	3-3/16	4-1/2"	1-3/4"	18	11	337-7204	337-8204
1-9/16	3	3/4"	12	7	337-7100	337-8100	3-1/4	4-1/2"	1-3/4"	18	11	337-7208	337-8208
1-5/8	3	3/4"	12	7	337-7104	337-8104	3-5/16	4-1/2"	1-3/4"	18	11	337-7212	337-8212
1-11/16	3-1/2	1	12	8	337-7108	337-8108	3-3/8	4-1/2"	1-3/4"	18	11	337-7216	337-8216
1-3/4	3-1/2	1	12	8	337-7112	337-8112	3-7/16	4-1/2"	1-3/4"	18	11	337-7220	337-8220
1-13/16	3-1/2	1	12	8	337-7116	337-8116	3-1/2	4-1/2"	1-3/4"	18	11	337-7224	337-8224
1-7/8	3-1/2	1	12	8	337-7120	337-8120	3-9/16	5	2	20	12	337-7228	337-8228
1-15/16	3-1/2	1	12	8	337-7124	337-8124	3-5/8	5	2	20	12	337-7232	337-8232
2	3-1/2	1	14	8	337-7128	337-8128	3-11/16	5	2	20	12	337-7236	337-8236
2-1/16	3-3/4	1-1/4	14	9	337-7132	337-8132	3-3/4	5	2	20	12	337-7240	337-8240
2-1/8	3-3/4	1-1/4	14	9	337-7136	337-8136	3-13/16	5	2	20	12	337-7244	337-8244
2-3/16	3-3/4	1-1/4	14	9	337-7140	337-8140	3-7/8	5	2	20	12	337-7248	337-8248
2-1/4	3-3/4	1-1/4	14	9	337-7144	337-8144	3-15/16	5	2	20	12	337-7252	337-8252
2-5/16	3-3/4	1-1/4	14	9	337-7148	337-8148	4	5	2	20	12	337-7256	337-8256
2-3/8	3-3/4	1-1/4	14	9	337-7152	337-8152							

M42 8% Cobalt Metric Shell Reamers

DIN219/DIN220, High Speed Steel

- Featured two flute types: Straight Flute(DIN219) and Spiral Flute(DIN220).



Size (mm)	Hole Dia. (mm)	Overall Length (mm)	DIN219 Straight Flute Order No.	DIN220 Spiral Flute Order No.	Size (mm)	Hole Dia. (mm)	Overall Length (mm)	DIN219 Straight Flute Order No.	DIN220 Spiral Flute Order No.
20	10	40	337-9120	337-9320	35	16	50	337-9135	337-9335
21	10	40	337-9121	337-9321	36	19	56	337-9136	337-9336
22	10	40	337-9122	337-9322	38	19	56	337-9138	337-9338
23	10	40	337-9123	337-9323	40	19	56	337-9140	337-9340
24	13	45	337-9124	337-9324	42	19	56	337-9142	337-9342
25	13	45	337-9125	337-9325	45	22	63	337-9145	337-9345
26	13	45	337-9126	337-9326	48	22	63	337-9148	337-9348
27	13	45	337-9127	337-9327	50	22	63	337-9150	337-9350
28	13	45	337-9128	337-9328	52	27	71	337-9152	337-9352
29	13	45	337-9129	337-9329	55	27	71	337-9155	337-9355
30	13	45	337-9130	337-9330	60	27	71	337-9160	337-9360
32	16	50	337-9132	337-9332					

Shell Reamer Arbors

Straight Shank



Size	Shank Dia.	Fits Shell Reamer	Order No.
#4	1/2"	21/32"-25/32"	331-2204
#5	5/8	13/16"-1-1/32"	331-2205
#6	3/4	1-1/16"-1-9/32"	331-2206
#7	7/8	1-5/16"-1-5/8"	331-2207
#8	1-1/8	1-11/16"-2"	331-2208
#9	1-3/8	2-1/16"-2-1/2"	331-2209
#10	1-5/8	2-9/16"-3"	331-2210
#11	2	3-1/16"-3-1/2"	331-2211
#12	2-1/8	3-9/16"-4"	331-2212

Taper Shank



Size	Shank Taper	Fits Shell Reamer	Order No.
#4	MT2	21/32"-25/32"	331-2304
#5	MT2	13/16"-1-1/32"	331-2305
#6	MT3	1-1/16"-1-9/32"	331-2306
#7	MT3	1-5/16"-1-5/8"	331-2307
#8	MT4	1-11/16"-2"	331-2308
#9	MT4	2-1/16"-2-1/2"	331-2309
#10	MT5	2-9/16"-3"	331-2310
#11	MT5	3-1/16"-3-1/2"	331-2311
#12	MT5	3-9/16"-4"	331-2312

E-Z Eject Shell Reamer Arbors

Straight Shank



Size	Shank Dia.	Fits Shell Reamer	Overall Length	Order No.
#4	1/2"	21/32"-25/32"	9"	331-2002
#5	5/8	13/16"-1-1/32"	9-1/2"	331-2004
#6	3/4	1-1/16"-1-9/32"	10"	331-2006
#7	7/8	1-5/16"-1-5/8"	11"	331-2008
#8	1-1/8	1-11/16"-2"	12"	331-2010
#9	1-3/8	2-1/16"-2-1/2"	13"	331-2012
#10	1-5/8	2-9/16"-3"	14"	331-2014
#11	2	3-1/16"-3-1/2"	15"	331-2016
#12	2-1/8	3-9/16"-4"	16"	331-2018

Taper Shank



Size	Shank Taper	Arbor Dia.	Fits Shell Reamer	Overall Length	Order No.
#4	MT2	3/8"	21/32"-25/32"	9"	331-2102
#5	MT2	1/2"	13/16"-1-1/32"	9-1/2"	331-2104
#6	MT3	5/8	1-1/16"-1-9/32"	10"	331-2106
#7	MT3	3/4	1-5/16"-1-5/8"	11"	331-2108
#8	MT4	1	1-11/16"	12"	331-2110
#9	MT4	1-1/4	2-1/16"-2-1/2"	13"	331-2112
#10	MT5	1-1/2	2-9/16"-3"	14"	331-2114
#11	MT5	1-3/4	3-1/16"-3-1/2"	15"	331-2116
#12	MT5	2	3-9/16"-4"	16"	331-2118

Metric Taper Shank Shell Reamer Arbors

DIN217



Size	Fitting Range (mm)	Shank Taper	Arbor Size (mm)	OAL (mm)	Order No.
A	20-23	2	10	255	331-2511
B	24-30	2	13	250	331-2514
C	20-23	3	10	250	331-2517
D	24-30	3	13	250	331-2520
E	32-35	3	16	261	331-2523
F	36-42	3	19	273	331-2526
G	36-42	4	19	298	331-2529
H	45-50	4	22	312	331-2532
I	52-60	4	27	327	331-2535

Taper Pipe Reamers

High Speed Steel, Right Hand Cut Taper 3/4 inch per foot

Designed for reaming holes to be tapped with American Standard Taper Pipe Taps (NPT)



Size	Large End Dia.	Small End Dia.	Flute Length	Overall Length	Straight Flute Order No.	Spiral Flute Order No.
1/16"	.291"	.245"	3/4"	2"	337-1704	337-0704
1/8	.362	.316	3/4	2-1/8	337-1708	337-0708
1/4	.472	.406	1-1/16	2-7/16	337-1716	337-0716
3/8	.606	.540	1-1/16	2-9/16	337-1724	337-0724
1/2	.751	.665	1-3/8	3-1/8	337-1732	337-0732
3/4	.962	.876	1-3/8	3-1/4	337-1748	337-0748
1	1.212	1.103	1-3/4	3-3/4	337-1764	337-0764
1-1/4	1.553	1.444	1-3/4	4	337-1780	337-0780
1-1/2	1.793	1.684	1-3/4	4-1/4	337-1796	337-0796
2	2.268	2.159	1-3/4	4-1/2	337-1828	337-0828
2-1/2	2.772	2.561	2-5/8	5-1/2	337-1860	337-0860
3	3.380	3.202	2-3/4	6	337-1892	337-0892