

DIAMONDS/CARBIDES

NEW! Pro-Cut Diamonds



Grit:

- M=Medium
- C=Coarse
- VC=Very Coarse
- F=Fine
- EF=Extra Fine

- Designed to deliver superior cutting efficiency & concentric balance
- Value-priced
- Advanced Electro-Deposition Technology ensures reliable diamond retention, even with repeated use
- Over 300 burs, including short-shank & minimally invasive options
- Grits available in: Extra Fine (EF), Fine (F), Medium (M), Coarse (C), Very Coarse (VC)
- Use Pro-Cut Diamonds for:** cavity, crown, bridge & veneer preparation, crown, bridge & composite adjustments, removing crowns

SHAPE CATEGORY	Short Shank									
SHAPE										
ISO#	001	001	109	109	110	165	165	165	165	166
MAX. DIAMETER	1.4	1.7	1.0	1.3	1.4	1.0	1.1	1.2	1.3	1.4
LENGTH	1.3	1.5	3.7	4.2	7.2	8.0	8.1	8.2	8.3	10.1
GRIT	M	M	M	M	M	EF	F	M	C	F
PN (1 PK)	D005M	D008M	D042M	D044M	D046M	D055EF	D055F	D055M	D055C	D057F

SHAPE CATEGORY	Short Shank									
SHAPE										
ISO#	166	166	170	171	171	172	173	173	173	173
MAX. DIAMETER	1.6	1.7	1.5	1.5	1.6	2.1	1.4	1.5	1.6	1.7
LENGTH	10.3	10.4	4.2	7.2	7.3	9.2	10.1	10.2	10.3	10.2
GRIT	C	VC	M	M	C	M	F	M	C	M
PN (1 PK)	D057C	D057VC	D064M	D069M	D069C	D072M	D075F	D075M	D075C	D077M



SHAPE CATEGORY	Short Shank									
SHAPE										
ISO#	173	179	179	179	193	193	198	198	198	198
MAX. DIAMETER	1.8	0.8	1.0	1.2	1.5	1.6	1.6	1.8	1.8	2.0
LENGTH	10.3	0.1	0.1	0.1	10.2	10.3	7.9	8.1	7.9	8.05
GRIT	C	F	F	F	M	C	EF	M	EF	M
PN (1 PK)	D077C	D083F	D084F	D085F	D086M	D086C	D093EF	D093M	D096EF	D096M

SHAPE CATEGORY	Short Shank					
SHAPE						
ISO#	199	222	222	249	249	249
MAX. DIAMETER	1.5	1.4	1.5	1.2	1.3	1.6
LENGTH	10.2	7.1	7.2	7.6	7.7	7.7
GRIT	M	F	M	F	M	M
PN (1 PK)	D099M	D107F	D107M	D133F	D133M	D135M

SHAPE CATEGORY	Short Shank & Minimally Invasive Preparation									
SHAPE										
ISO#	004	004	004	004	004	258	259	258	258	258
MAX. DIAMETER	0.5	0.5	0.8	1.0	1.2	0.6	0.6	0.8	0.9	1.1
LENGTH	0.5	0.5	0.7	0.9	1.1	1.9	1.9	2.2	2.2	2.2
GRIT	F	F	M	M	M	F	F	M	M	M
PN (1 PK)	D144F	D145F	D146M	D147M	D148M	D149F	D150F	D151M	D152M	D153M

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PRO-CUT DIAMONDS

SHAPE CATEGORY	Inverted Cone									
SHAPE										
ISO#	011	011	012	012	012	012	013	013	013	225
MAX. DIAMETER	0.8	0.9	1.3	1.4	1.5	1.7	2.3	2.4	2.5	1.8
LENGTH	1.2	1.1	1.3	1.4	1.5	1.6	1.5	1.6	1.7	4.2
GRIT	M	M	F	M	M	M	F	M	C	M
PN (1 PK)	D014M	D015M	D016F	D016M	D017M	D018M	D019F	D019M	D019C	D020M

SHAPE CATEGORY	Inverted Cone			Inverted Cone with Collar						
SHAPE										
ISO#	225	226	226	019	019	019	019	019	019	019
MAX. DIAMETER	1.9	2.2	2.3	1.0	1.0	1.3	1.2	1.3	1.4	1.5
LENGTH	4.3	7.2	7.3	2.1	2.1	3.3	3.2	3.3	3.4	3.3
GRIT	C	M	C	M	M	M	F	M	C	M
PN (1 PK)	D020C	D021M	D021C	D022M	D023M	D024M	D025F	D025M	D025C	D026M

SHAPE CATEGORY	Diablo						Barrel			
SHAPE										
ISO#	032	032	032	032	032	032	039	039	039	038
MAX. DIAMETER	1.1	1.2	1.6	1.7	1.9	2.0	3.1	3.2	3.3	3.8
LENGTH	1.3	1.4	1.8	1.9	2.1	2.2	5.0	5.1	5.2	4.2
GRIT	F	M	M	C	M	C	M	C	VC	M
PN (1 PK)	D028F	D028M	D029M	D029C	D030M	D030C	D031M	D031C	D031VC	D032M



SHAPE CATEGORY	Egg		Depth Marker		Wheel					
SHAPE										
ISO#	497	497	065	065	041	041	041	042	042	067
MAX. DIAMETER	2.7	2.9	2.5	3.5	2.4	4.2	5.0	4.2	4.3	3.3
LENGTH	4.6	4.8	3.5	3.9	0.45	0.5	0.6	1.2	1.3	1.2
GRIT	EF	M	M	M	M	M	M	M	C	M
PN (1 PK)	D154EF	D154M	D039M	D040M	D033M	D034M	D035M	D036M	D036C	D037M

SHAPE CATEGORY	Wheel			Cylinder						
SHAPE										
ISO#	067	067	067	108	109	109	109	110	110	110
MAX. DIAMETER	4.4	4.5	4.6	0.9	1.0	1.3	1.4	1.4	1.5	1.5
LENGTH	1.6	1.7	1.8	3.1	3.7	4.2	4.3	7.2	7.3	7.2
GRIT	M	C	VC	M	M	M	C	M	C	M
PN (1 PK)	D038M	D038C	D038VC	D041M	D043M	D045M	D045C	D047M	D047C	D048M

SHAPE CATEGORY	Cylinder			Beveled Cylinder			Rounded Edge Cylinder			
SHAPE										
ISO#	110	110	110	130	130	130	156	158	158	158
MAX. DIAMETER	1.6	1.6	1.7	1.3	1.4	1.5	1.2	1.1	1.1	1.3
LENGTH	7.3	7.2	7.3	8.1	8.2	8.3	5.2	8.2	8.0	8.2
GRIT	C	M	C	F	M	C	M	M	EF	M
PN (1 PK)	D048C	D049M	D049C	D050F	D050M	D050C	D051M	D052M	D053EF	D053M

SHAPE CATEGORY	Needle									
SHAPE										
ISO#	164	164	164	165	165	165	166	166	166	166
MAX. DIAMETER	1.3	1.4	1.5	1.0	1.1	1.2	1.5	1.4	1.5	1.7
LENGTH	6.0	6.1	6.2	8.0	8.1	8.2	10.2	10.1	10.2	10.2
GRIT	EF	F	M	EF	F	M	M	F	M	M
PN (1 PK)	D054EF	D054F	D054M	D056EF	D056F	D056M	D057M	D058F	D058M	D059M

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SHAPE CATEGORY	Flat End Taper									
SHAPE										
ISO#	169	170	170	170	170	170	170	170	170	170
MAX. DIAMETER	0.9	1.0	1.0	1.2	1.5	1.7	1.6	2.0	2.0	2.1
LENGTH	3.1	3.7	3.7	4.1	4.2	4.4	5.2	5.2	5.2	5.3
GRIT	M	M	M	M	M	VC	M	M	M	C
PN (1 PK)	D060M	D061M	D062M	D063M	D065M	D065VC	D066M	D067M	D068M	D068C

SHAPE CATEGORY	Flat End Taper									
SHAPE										
ISO#	170	171	171	171	171	172	173	173	173	173
MAX. DIAMETER	2.2	1.3	1.3	1.4	1.5	2.1	1.3	1.3	1.5	1.6
LENGTH	5.4	7.2	7.0	7.1	7.2	9.2	10.2	10.0	10.2	10.3
GRIT	VC	M	EF	F	M	M	M	EF	M	C
PN (1 PK)	D068VC	D070M	D071EF	D071F	D071M	D073M	D074M	D076EF	D076M	D076C

SHAPE CATEGORY	Flat End Taper								Round End Taper	
SHAPE										
ISO#	173	173	173	174	174	173	173	173	193	193
MAX. DIAMETER	1.7	1.7	1.6	1.8	1.9	2.0	2.1	2.2	1.3	1.3
LENGTH	10.4	10.2	10.3	12.2	12.3	10.2	10.3	10.3	10.0	10.0
GRIT	VC	M	C	M	C	M	C	C	EF	EF
PN (1 PK)	D076VC	D078M	D079C	D080M	D080C	D081M	D081C	D082C	D086EF	D087EF



SHAPE CATEGORY	Round End Taper									
SHAPE										
ISO#	193	193	193	196	196	196	196	196	196	198
MAX. DIAMETER	1.4	1.5	1.7	1.2	1.3	1.4	1.5	1.9	2.0	1.2
LENGTH	10.1	10.2	10.4	5.2	5.3	4.1	4.2	5.1	5.2	9.2
GRIT	F	M	VC	M	C	F	M	F	M	M
PN (1 PK)	D087F	D087M	D087VC	D088M	D088C	D089F	D089M	D090F	D090M	D091M

SHAPE CATEGORY	Round End Taper									
SHAPE										
ISO#	198	198	198	198	198	198	198	198	198	198
MAX. DIAMETER	1.3	1.5	1.6	1.8	1.7	1.8	1.9	2.0	2.1	1.8
LENGTH	9.3	9.0	7.9	8.1	8.7	8.8	8.9	9.0	9.1	7.9
GRIT	C	EF	EF	M	EF	F	M	C	VC	EF
PN (1 PK)	D091C	D092EF	D094EF	D094M	D095EF	D095F	D095M	D095C	D095VC	D097EF

SHAPE CATEGORY	Round End Taper									
SHAPE										
ISO#	198	198	198	198	199	199	199	199	199	218
MAX. DIAMETER	2.0	2.1	2.2	2.3	1.5	1.4	1.5	1.6	1.7	1.2
LENGTH	8.1	8.7	8.8	8.9	10.2	10.1	10.2	10.1	10.2	7.0
GRIT	M	EF	F	M	M	F	M	F	M	EF
PN (1 PK)	D097M	D098EF	D098F	D098M	D100M	D101F	D101M	D102F	D102M	D103EF

SHAPE CATEGORY	Round End Taper									
SHAPE										
ISO#	218	218	220	220	222	222	222	222	222	223
MAX. DIAMETER	1.3	1.5	1.5	1.5	1.3	1.4	1.5	1.6	1.7	1.5
LENGTH	7.0	7.1	10.1	10.1	7.2	7.1	7.2	7.3	7.4	9.1
GRIT	EF	M	M	M	M	F	M	C	VC	F
PN (1 PK)	D104EF	D104M	D105M	D106M	D108M	D109F	D109M	D109C	D109VC	D110F

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SHAPE CATEGORY	Round End Taper									
SHAPE										
ISO#	223	223	223	223	223	223	223	223	223	223
MAX. DIAMETER	1.6	1.7	1.8	1.4	1.5	1.6	1.7	1.8	2.1	2.2
LENGTH	9.2	9.3	9.4	9.0	9.1	9.2	9.3	9.4	9.2	9.3
GRIT	M	C	VC	EF	F	M	C	VC	M	C
PN (1 PK)	D110M	D110C	D110VC	D111EF	D111F	D111M	D111C	D111VC	D112M	D112C

SHAPE CATEGORY	Round End Taper						Rounded Edge Taper			
SHAPE										
ISO#	223	223	223	223	223	223	544	544	544	544
MAX. DIAMETER	2.0	2.1	2.0	2.1	2.2	2.2	1.6	1.8	1.8	2.0
LENGTH	9.1	9.2	11.6	11.7	11.8	11.8	4.0	4.2	5.0	5.2
GRIT	F	M	F	M	C	C	EF	M	EF	M
PN (1 PK)	D113F	D113M	D114F	D114M	D114C	D115C	D174EF	D174M	D175EF	D175M

SHAPE CATEGORY	Rounded Edge Taper									
SHAPE										
ISO#	544	544	544	544	545	545	553	553	553	553
MAX. DIAMETER	2.3	2.5	2.8	3.0	1.6	1.8	1.6	1.8	2.0	2.2
LENGTH	3.2	3.4	3.2	3.4	7.0	7.2	10.0	10.2	10.0	10.2
GRIT	EF	M	EF	M	EF	M	EF	M	EF	M
PN (1 PK)	D176EF	D176M	D177EF	D177M	D178EF	D178M	D179EF	D179M	D180EF	D180M



SHAPE CATEGORY	Pear									
SHAPE										
ISO#	237	237	238	237	237	237	237	237	237	237
MAX. DIAMETER	0.9	1.0	0.9	1.4	1.6	1.8	2.0	2.4	2.5	2.6
LENGTH	2.1	1.6	3.2	4.2	4.2	5.0	5.2	6.7	6.8	6.9
GRIT	M	M	M	M	M	EF	M	M	C	VC
PN (1 PK)	D116M	D117M	D118M	D119M	D120M	D121EF	D121M	D122M	D122C	D122VC

SHAPE CATEGORY	Pear			Flame						
SHAPE										
ISO#	237	237	237	246	246	247	258	249	249	249
MAX. DIAMETER	3.1	3.2	3.3	0.8	1.1	1.2	0.9	1.1	1.1	1.2
LENGTH	4.7	4.8	4.9	3.7	4.2	3.7	4.0	7.7	7.5	7.6
GRIT	M	C	VC	EF	EF	M	EF	M	EF	F
PN (1 PK)	D123M	D123C	D123VC	D128EF	D129EF	D130M	D131EF	D132M	D134EF	D134F

SHAPE CATEGORY	Flame									
SHAPE										
ISO#	249	249	249	249	249	249	249	249	250	250
MAX. DIAMETER	1.3	1.4	1.5	1.5	1.6	1.7	2.1	2.2	1.2	1.4
LENGTH	7.7	7.8	7.9	7.6	7.7	7.8	9.2	9.3	10.2	10.2
GRIT	M	C	VC	F	M	C	M	C	M	M
PN (1 PK)	D134M	D134C	D134VC	D136F	D136M	D136C	D137M	D137C	D138M	D139M

SHAPE CATEGORY	Acorn				Acorn with Hat		Bud			
SHAPE										
ISO#	254	254	254	254	031	031	243	243	243	243
MAX. DIAMETER	1.3	1.8	2.34	3.1	3.3	3.5	1.2	1.8	1.9	2.0
LENGTH	3.0	3.5	1.9	5.1	5.6	5.8	6.0	5.0	5.1	5.2
GRIT	EF	EF	EF	M	EF	M	EF	EF	F	M
PN (1 PK)	D140EF	D141EF	D142EF	D143M	D027EF	D027M	D124EF	D125EF	D125F	D125M

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PRO-CUT DIAMONDS

SHAPE CATEGORY	Bud							Grenade		
SHAPE										
ISO#	243	243	244	244	244	257	257	499	499	499
MAX. DIAMETER	2.1	2.2	1.4	1.5	1.6	2.0	2.1	1.1	1.3	1.6
LENGTH	5.3	5.4	3.0	3.1	3.2	3.7	3.8	4.04	3.04	3.3
GRIT	C	VC	EF	F	M	M	C	EF	EF	EF
PN (1 PK)	D125C	D125VC	D126EF	D126F	D126M	D127M	D127C	D155EF	D156EF	D157EF

SHAPE CATEGORY	Torpedo									
SHAPE										
ISO#	288	289	289	289	297	297	297	298	298	298
MAX. DIAMETER	1.0	1.3	1.4	1.5	1.1	1.3	1.6	1.15	1.5	1.7
LENGTH	6.2	8.2	8.3	8.4	6.2	6.2	6.2	8.2	8.2	8.2
GRIT	M	M	C	VC	M	M	M	M	M	M
PN (1 PK)	D158M	D159M	D159C	D159VC	D160M	D161M	D162M	D163M	D164M	D165M

SHAPE CATEGORY	Torpedo					Special Shape			Round End	
SHAPE										
ISO#	298	298	299	299	299	304	498	508	001	001
MAX. DIAMETER	1.8	2.0	1.3	1.4	2.0	2.7	2.8	2.0	0.6	0.9
LENGTH	8.2	8.2	10.2	10.2	10.2	0.8	5.6	9.4	0.7	0.8
GRIT	M	M	M	M	M	M	EF	VC	F	M
PN (1 PK)	D166M	D167M	D168M	D169M	D170M	D171M	D172EF	D173VC	D001F	D002M



SHAPE CATEGORY	Round End									
SHAPE										
ISO#	001	001	001	001	001	001	001	001	001	001
MAX. DIAMETER	1.2	1.2	1.3	1.2	1.4	1.3	1.4	1.5	1.6	1.7
LENGTH	1.1	1.1	1.2	1.1	1.3	1.2	1.3	1.4	1.4	1.5
GRIT	M	F	M	EF	M	EF	F	M	F	M
PN (1 PK)	D003M	D004F	D004M	D006EF	D006M	D007EF	D007F	D007M	D009F	D009M

SHAPE CATEGORY	Round End								
SHAPE									
ISO#	001	001	001	001	001	001	001	002	005
MAX. DIAMETER	1.8	1.7	1.9	2.0	2.1	2.2	2.3	1.5	1.7
LENGTH	1.6	1.6	1.8	1.9	2.0	2.1	2.2	3.3	7.4
GRIT	C	EF	M	F	M	C	VC	M	M
PN (1 PK)	D009C	D010EF	D010M	D011F	D011M	D011C	D011VC	D012M	D013M

PRICING - PRO-CUT DIAMONDS

PN

See charts

Product

Robot Points Pro-Cut (5 per pack)