

DIAMONDS/CARBIDES

ROBOT® FG DIAMONDS



Grit:

	R=Regular
	C=Coarse
	SC=Super Coarse
	F=Fine
	SF=Super Fine

- Rated #1 in overall performance by a national research organization
- Economically priced
- Made by high technology robots in a computer-automated environment untouched by human hands
- Multi-coating technique with a special surface treatment for durability – maintains cutting efficiency with less clogging
- Smooth cutting & long lasting performance
- Grits diamonds are available in: Super Fine (SF), Fine (F), Standard (R), Coarse (C) & Super Coarse (SC)
- **Use Robot FG Diamonds for:** cavity & crown preparation

SHAPE CATEGORY	Straight Cylinder					Round End Straight Cylinder				
SHAPE										
ISO#	107/010	109/013	110/015	110/016	110/018	158/013	289/016	289/015	130/016	130/014
LENGTH	4.0	4.5	7.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0
GRIT	R	R	R	R	R	SF	SC	C	R	F
PN (1 PK)	0800-1	0801-1	0803-1	0805-1	0807-1	808V-1	845X-1	845C-1	0846-1	846F-1

SHAPE CATEGORY	Flat End Tapered Cylinder									
SHAPE										
ISO#	170/012	170/017	170/017	170/022	171/016	172/019	172/021	173/017	173/015	174/020
LENGTH	4.0	4.4	5.0	5.0	7.0	9.0	9.0	10.0	10.0	12.0
GRIT	R	R	R	R	R	C	R	R	F	R
PN (1 PK)	0810-1	0812-1	0813-1	0814-1	0816-1	817C-1	0818-1	0820-1	820F-1	0822-1

SHAPE CATEGORY	Flat End Tapered Cylinder					Corner Round Tapered Cylinder				
SHAPE										
ISO#	173/022	196/013	544/018	544/018	544/021	544/021	545/018	545/018	553/019	553/019
LENGTH	10.0	5.0	4.0	4.0	5.0	5.0	7.0	7.0	10.0	10.0
GRIT	R	R	R	SF	R	SF	R	SF	R	SF
PN (1 PK)	0824-1	0830-1	0789-1	789V-1	0790-1	790V-1	0791-1	791V-1	0792-1	792V-1



SHAPE CATEGORY	Corner Round Tapered Cylinder						Needle Tapered Cylinder			
SHAPE										
ISO#	553/023	553/023	544/027	544/027	544/031	544/031	164/014	165/013	165/012	166/016
LENGTH	10.0	10.0	3.5	3.5	3.5	3.5	6.0	8.0	8.0	10.0
GRIT	R	SF	R	SF	R	SF	F	R	F	R
PN (1 PK)	0793-1	793V-1	0825-1	825V-1	0826-1	826V-1	847F-1	0848-1	848F-1	0850-1











SHAPE CATEGORY	Needle Tapered Cylinder				Round End Tapered Cylinder					
SHAPE										
ISO#	166/018	166/015	166/022	198/013	222/016	222/018	222/015	223/017	198/018	193/016
LENGTH	10.0	10.0	10.0	9.0	7.0	7.0	7.0	9.0	9.0	10.0
GRIT	SC	F	R	R	R	SC	F	R	SF	R
PN (1 PK)	850X-1	850F-1	0852-1	0831-1	0832-1	832X-1	832F-1	0833-1	833V-1	0834-1











SHAPE CATEGORY	Round End Tapered Cylinder									
SHAPE										
ISO#	223/018	223/019	223/018	223/016	198/021	198/021	223/023	223/023	198/023	198/023
LENGTH	9.0	9.0	9.0	9.0	9.0	9.0	9.0	11.5	9.0	9.0
GRIT	R	SC	C	F	R	SF	R	R	R	SF
PN (1 PK)	0835-1	835X-1	835C-1	835F-1	0836-1	836V-1	0837-1	0838-1	0839-1	839V-1











SHAPE CATEGORY	Flame									
SHAPE										
ISO#	249/014	249/016	249/015	249/013	249/012	243/009	249/017	249/016	243/012	249/023
LENGTH	7.5	7.5	7.5	7.5	7.5	4.0	7.5	7.5	6.0	9.0
GRIT	R	SC	C	F	SF	SF	R	F	SF	R
PN (1 PK)	0840-1	840X-1	840C-1	840F-1	840V-1	841V-1	0842-1	842F-1	843V-1	0844-1











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SHAPE CATEGORY	S Type Inverted Cone						Corn			
SHAPE										
ISO#	032/013	032/018	032/021	019/010	019/015	019/017	039/033	039/034	031/035	031/035
LENGTH	1.5	2.0	2.3	2.2	3.6	3.5	5.0	5.0	5.7	5.7
GRIT	R	R	R	R	R	R	R	SC	R	SF
PN (1 PK)	0855-1	0856-1	0858-1	0859-1	0860-1	0861-1	0898-1	898X-1	0899-1	899V-1

SHAPE CATEGORY	Inverted Cone					Pear				
SHAPE										
ISO#	012/014	012/016	013/025	225/020	226/024	237/015	237/018	237/025	237/033	237/034
LENGTH	1.4	1.6	1.7	4.4	7.0	4.5	4.5	6.5	5.0	5.0
GRIT	R	R	R	R	R	R	R	R	R	SC
PN (1 PK)	0864-1	0865-1	0866-1	0868-1	0870-1	0878-1	0879-1	0891-1	0892-1	892X-1

SHAPE CATEGORY	Wheel		Knife Edge Wheel		Round Edge Wheel			Egg		
SHAPE										
ISO#	042/044	041/052	304/028	304/050	068/034	068/046	068/047	068/046	277/029	277/029
LENGTH	1.4	0.8	0.8	1.2	1.3	1.8	1.9	1.8	4.9	4.9
GRIT	R	R	R	R	R	R	SC	C	R	SF
PN (1 PK)	0885-1	0886-1	0888-1	0890-1	0894-1	0895-1	895X-1	895C-1	0893-1	893V-1

SHAPE CATEGORY	Guide Groove Cutter		Bud							
SHAPE										
ISO#	522/026	552/036	243/017	243/014	257/022	243/022	243/023	243/022	243/020	243/019
LENGTH	3.6	4.0	3.0	3.4	3.5	5.0	5.0	5.0	5.0	5.0
GRIT	R	R	R	SF	R	R	SC	C	F	SF
PN (1 PK)	0896-1	0897-1	0880-1	880V-1	0881-1	0883-1	883X-1	883C-1	883F-1	883V-1



SHAPE CATEGORY	Round						
SHAPE							
ISO#	001/014	001/016	001/015	001/018	001/017	001/022	001/024
LENGTH	1.0	1.2	1.3	1.4	1.4	1.8	1.8
GRIT	R	R	SF	R	F	R	SC
PN (1 PK)	0872-1	0874-1	874V-1	0875-1	875F-1	0876-1	876X-1

SHAPE CATEGORY	Minimally Invasive Preparation					
SHAPE						
ISO#	001/009	001/011	001/013	237/008	237/010	237/012
LENGTH	0.7	0.9	1.1	2.0	2.0	2.0
GRIT	R	R	R	R	R	R
PN (1 PK)	0944-1	0945-1	0946-1	0947-1	0948-1	0949-1

ROBOT® FG DIAMONDS (ONLY SOLD IN A PACKAGE OF 6)

PN

Product

See charts Fine/Regular/Coarse (1 per pack)

See charts Super Coarse (1 per pack)

See charts Super Fine (1 per pack)

See charts Minimally Invasive (1 per pack)

0955BB All Ceramic Preparation Kit (see page 33)