

Diamond Robot® Points



The robotic manufacturing process used to develop the Shofu ROBOT Diamond Burs distributes precise amounts of natural diamond particles onto a one-piece, stainless steel shank. In addition to standard grit (R, plain shank), a selection of fine grit (F, red-banded shank), superfine grit (SF, yellow-banded shank), coarse grit (C, green-banded shank) and supercoarse grit (SC, black-banded shank) are available. There are many Friction Grip shapes available to suit any clinical indication, including PFM crowns and bridges, all-ceramic crowns and bridges, inlays/onlays, composite restorations, porcelain laminate veneers, and minimally invasive restorations.

Legend

Recommended Speed:

less than 450,000 RPM	less than 300,000 RPM	less than 160,000 RPM	less than 120,000 RPM
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Grit:

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

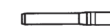
SHAPE	LENGTH	GRIT	SHOFU
STRAIGHT CYLINDER			
	4.0	R	0800-1 ISO 107/010
	4.5	R	0801-1 ISO 109/013
	7.0	R	0803-1 ISO 110/015
	7.0	R	0805-1 ISO 110/016
	7.0	R	0807-1 ISO 110/018
	8.0	SF	808V-1 ISO 158/013
STRAIGHT CYLINDER (Round End)			
	8.0	SC	845X-1 ISO 289/016
	8.0	C	845C-1 ISO 289/015
	8.0	R	0846-1 ISO 130/016
	8.0	F	846F-1 ISO 130/014
TAPERED CYLINDER (Flat End)			
	4.0	R	0810-1 ISO 170/012
	4.4	R	0812-1 ISO 170/017
	5.0	R	0813-1 ISO 170/017
	5.0	R	0814-1 ISO 170/022
	7.0	R	0816-1 ISO 171/016
	9.0	C	817C-1 ISO 172/019
	9.0	R	0818-1 ISO 172/021
	10.0	R	0820-1 ISO 173/017
	10.0	F	820F-1 ISO 173/015
	12.0	R	0822-1 ISO 174/020
	10.0	R	0824-1 ISO 173/022
	5.0	R	0830-1 ISO 196/013
FLAME			
	7.5	R	0840-1 ISO 249/014
	7.5	SC	840X-1 ISO 249/016
	7.5	C	840C-1 ISO 249/015
	7.5	F	840F-1 ISO 249/013
	7.5	SF	840V-1 ISO 249/012
	4.0	SF	841V-1 ISO 243/009
	7.5	R	0842-1 ISO 249/017
	7.5	F	842F-1 ISO 249/016
	6.0	SF	843V-1 ISO 243/012
	9.0	R	0844-1 ISO 249/023

SHAPE	LENGTH	GRIT	SHOFU
TAPERED CYLINDER (Round End)			
	9.0	R	0831-1 ISO 198/013
	7.0	R	0832-1 ISO 222/016
	7.0	SC	832X-1 ISO 222/018
	7.0	F	832F-1 ISO 222/015
	9.0	R	0833-1 ISO 223/017
	9.0	SF	833V-1 ISO 198/018
	10.0	R	0834-1 ISO 193/016
	9.0	R	0835-1 ISO 223/018
	9.0	SC	835X-1 ISO 223/019
	9.0	C	835C-1 ISO 223/018
	9.0	F	835F-1 ISO 223/016
	9.0	R	0836-1 ISO 198/021
	9.0	SF	836V-1 ISO 198/021
	9.0	R	0837-1 ISO 223/023
	11.5	R	0838-1 ISO 223/023
	9.0	R	0839-1 ISO 198/023
	9.0	SF	839V-1 ISO 198/023
TAPERED CYLINDER (Corner Round)			
	4.0	R	0789-1 ISO 544/018
	4.0	SF	789V-1 ISO 544/018
	5.0	R	0790-1 ISO 544/021
	5.0	SF	790V-1 ISO 544/021
	7.0	R	0791-1 ISO 545/018
	7.0	SF	791V-1 ISO 545/018
	10.0	R	0792-1 ISO 553/019
	10.0	SF	792V-1 ISO 553/019
	10.0	R	0793-1 ISO 553/023
	10.0	SF	793V-1 ISO 553/023
	3.5	R	0825-1 ISO 544/027
	3.5	SF	825V-1 ISO 544/027
	3.5	R	0826-1 ISO 544/031
	3.5	SF	826V-1 ISO 544/031
TAPERED CYLINDER (Needle)			
	6.0	F	847F-1 ISO 164/014
	8.0	R	0848-1 ISO 165/013
	8.0	F	848F-1 ISO 165/012
	10.0	R	0850-1 ISO 166/016
	10.0	SC	850X-1 ISO 166/018
	10.0	F	850F-1 ISO 166/015
	10.0	R	0852-1 ISO 166/022

To request the ADA
Research Study on Diamonds,
visit www.shofu.com or call
1-800-827-4638.

SHAPE	LENGTH	GRIT	SHOFU	
INVERTED CONE S TYPE				
	1.5	R	0855-1	ISO 032/013
	2.0	R	0856-1	ISO 032/018
	2.3	R	0858-1	ISO 032/021
	2.2	R	0859-1	ISO 019/010
	3.6	R	0860-1	ISO 019/015
	3.5	R	0861-1	ISO 019/017
INVERTED CONE				
	1.4	R	0864-1	ISO 012/014
	1.6	R	0865-1	ISO 012/016
	1.7	R	0866-1	ISO 013/025
	4.4	R	0868-1	ISO 0225/020
	7.0	R	0870-1	ISO 0226/024
ROUND				
	1.0	R	0872-1	ISO 001/014
	1.1	R	0874-1	ISO 001/016
	1.3	SF	874V-1	ISO 001/015
	1.4	R	0875-1	ISO 001/018
	1.4	F	875F-1	ISO 001/017
	1.8	R	0876-1	ISO 001/022
	1.8	SC	876X-1	ISO 001/024
PEAR				
	4.5	R	0878-1	ISO 0237/015
	4.5	R	0879-1	ISO 0237/018
	6.5	R	0891-1	ISO 0237/025
	5.0	R	0892-1	ISO 0237/033
	5.0	SC	892X-1	ISO 0237/034
WHEEL				
	1.4	R	0885-1	ISO 170/012
	0.8	R	0886-1	ISO 170/017
WHEEL (Knife Edge)				
	0.8	R	0888-1	ISO 304/028
	1.2	R	0890-1	ISO 304/050

SHAPE	LENGTH	GRIT	SHOFU	
WHEEL (Round End)				
	1.3	R	0894-1	ISO 068/034
	1.8	R	0895-1	ISO 068/046
	1.9	SC	895X-1	ISO 068/047
	1.8	C	895C-1	ISO 068/046
EGG				
	4.9	R	0893-1	ISO 277/029
	4.9	SF	893V-1	ISO 277/029
GUIDE GROOVE CUTTER				
	3.6	R	0896-1	ISO 552/026
	4.0	R	0897-1	ISO 552/036
CORN				
	5.0	R	0898-1	ISO 039/033
	5.0	SC	898X-1	ISO 039/034
	5.7	R	0899-1	ISO 031/035
	5.7	SF	899V-1	ISO 031/035
BUD				
	3.0	R	0880-1	ISO 243/017
	3.4	SF	880V-1	ISO 243/014
	3.5	R	0881-1	ISO 257/022
	5.0	R	0883-1	ISO 243/022
	5.0	SC	883X-1	ISO 243/023
	5.0	C	883C-1	ISO 243/022
	5.0	F	883F-1	ISO 243/020
	5.0	SF	883V-1	ISO 243/019
MI-PREPARATION				
	0.7	R	0944-1	ISO 001/009
	0.9	R	0945-1	ISO 001/011
	1.1	R	0946-1	ISO 001/013
	2.0	R	0947-1	ISO 237/008
	2.0	R	0948-1	ISO 237/010
	2.0	R	0949-1	ISO 237/012

SHAPE	LENGTH	GRIT	SHOFU	
TPE				
	9.0	C	680C-1	ISO 150/010
	9.0	F	680F-1	ISO 150/010
	9.0	C	682C-1	ISO 150/012
	9.0	F	682F-1	ISO 150/012
	6.0	C	682S-1	ISO 150/012
	9.0	C	684C-1	ISO 150/014
	9.0	F	684F-1	ISO 150/014
	6.0	C	684S-1	ISO 150/014
	9.0	C	686C-1	ISO 150/016
	9.0	F	686F-1	ISO 150/016
HYBRID POINTS				
	1.0	R	0901-3	ISO 001/010
	1.0	R	0903-3	ISO 001/014
	1.6	R	0905-3	ISO 001/018
	1.0	R	0907-3	ISO 010/008
	0.8	R	0909-3	ISO 010/010
	3.0	R	0911-3	ISO 238/008
	1.4	R	0913-3	ISO 237/010
	2.9	R	0915-3	ISO 108/009
	4.0	R	0917-3	ISO 107/010
	4.5	R	0919-3	ISO 107/012
	4.0	R	0921-3	ISO 170/010
	4.0	R	0923-3	ISO 170/012
T&F HYBRID POINTS				
	1.6	SF	0925-3	ISO 001/018
	3.0	SF	0927-3	ISO 254/014
	3.5	SF	0929-3	ISO 254/018
	3.0	SF	0931-3	ISO 277/014
	3.5	SF	0933-3	ISO 277/018
	4.0	SF	0935-3	ISO 499/012
	3.7	SF	0937-3	ISO 243/009
	4.2	SF	0939-3	ISO 243/012
	6.0	SF	0941-3	ISO 164/013
	8.0	SF	0943-3	ISO 165/011