

S MEDENT[®]



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**SMEDENT
MEDICAL**
smedent, your better choice

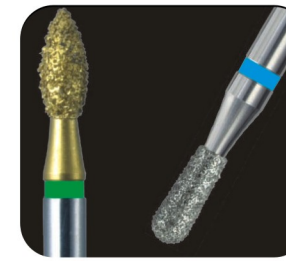
COMPANY PROFILE

E-mail: smedent@smedent.com
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As a leading professional manufacturer of dental precision rotary instrument. We, Smedent Group International Limited, focus on supplying quality and competitive rotary instruments to dentists friends throughout the world. Our slogan "Best Quality, Best Service, Competitive Price" has been fully executed during our daily work. Therefore Smedent's products are highly appreciated by our distributors and end-users home and abroad.



Diamond Burs FG



Flat End Taper

Medium → 125µm														
Fig.No.	TF-11	TF-12	TF-13	TF-14	TF-18	TF-20	TF-21	TF-22	TF-23	TF-31	TF-41	TF-42	TF-43	TF-S11
Head L mm	10	10	10	9	8	7	7	5.5	5	4.5	4	4	4.5	10
Total L mm	24	22	22	22	20	21	21	19	20	19	19	19	19	22

Round End Taper

Medium → 125µm														
Fig.No.	TF-S12	TF-S20	TF-S21	TF-S22	TF-S23	TF-S31	TF-S41	TF-SS21	TF-SS31	TF-L12	TF-L14	TR-11	TR-12	TR-13
Head L mm	9	7	7	5.5	5	4.5	4	7	4.5	10	9	10	10	9
Total L mm	20	19	19	17	17	17	17	18	14.5	24	24	22	22	22

Medium → 125µm														
Fig.No.	TR-14	TR-15	TR-19	TR-20	TR-21	TR-22	TR-24	TR-25	TR-26	TR-41	TR-S11	TR-S12	TR-S20	TR-S21
Head L mm	9	11.5	11.5	7	7	8	7	10	8.5	4	9	9	7	7
Total L mm	22	24	24	21	21	20	21	21.5	21.5	19	20	20	19	19

Flat End Cylinder

Medium → 125µm														
Fig.No.	TR-S22	TR-S23	TR-S31	TR-S41	TR-SS21	TR-SS31	TR-L12	TR-L14	SF-11	SF-12	SF-13	SF-20	SF-21	SF-22
Head L mm	5.5	5	4.5	4	7	4.5	10	10	8	8	8	7	7	7
Total L mm	17	17	17	17	18	14.5	24	24	22	22	22	21	21	21

Diamond Grain Specification

- Ultra Fine → 8 µm
- Extra Fine → 28 µm
- Fine → 60 µm
- Medium → 125 µm
- Coarse → 151 µm
- Extra Coarse → 181 µm

	Flat End Cylinder								Flat End Taper									
Medium → 125µm																		
Fig.No.	SF-23	SF-24	SF-40	SF-41	SF-42	SF-43	SF-44	SF-45	SR-11	SR-12	SR-13	SR-20	SR-21	SR-22	SR-23	SR-24	SR-40	SR-41
Head L mm	7	7	4	4	4	4	4	4	8	8	8	7	7	7	7	7	4	4
Total L mm	21	21	19	19	19	19	19	19	22	22	22	21	21	21	21	21	19	19
	Round																	
Medium → 125µm																		
Fig.No.	SR-42	SR-43	SR-44	SR-45	BR-50	BR-49	BR-46	BR-45	BR-41	BR-40	BR-31	BR-30	BR-29	BR-25	BR-46	BR-S45	BR-S41	BR-S31
Head L mm	4	4	4	4	0.7	0.8	1	1.2	1.4	1.6	1.8	2.0	2.3	2.9	1	1.2	1.4	1.8
Total L mm	19	19	19	19	19	19	19	19	19	19	19	19	19	16.5	16.5	16.5	16.5	16.5
	Surgical Length Round				Round with Neck				Inverted Cone									
Medium → 125µm																		
Fig.No.	BR-L45	BR-L41	BR-L31	BR-L30	BR-L29	BC-31	BC-42	BC-43	BC-S42	BC-S43	SI-45	SI-46	SI-47	SI-48	SI-49	SI-S46	SI-S47	SI-S48
Head L mm	1.2	1.4	1.8	2	2.3	3	2.3	2.7	2.3	2.7	1.5	1.6	1.8	1.8	2.5	1.2	1.4	1.6
Total L mm	22	22	22	22	22	19	19	19	16.5	16.5	19	19	19	19	19	16.5	16.5	16.5
	Needle				Double Inverted Cone				Pointed Cylinder									
Medium → 125µm																		
Fig.No.	TC-10	TC-11	TC-20	TC-21	TC-26	TC-S21	TC-S26	DI-41	DI-42	DI-43	SO-18	SO-20	SO-19	SO-22	SO-21	SO-23	SO-S18	SO-S20
Head L mm	10	10	8	8	6	8	6	2.0	2.5	2.5	6	6	6	8	8	8	6	6
Total L mm	22	22	20	22	21	20	20	1.9	1.9	1.9	21	21	21	22	22	22	18	18

Diamond Grain Specification

	Ultra Fine → 8 µm		Extra Fine → 28 µm		Fine → 60 µm
	Medium → 125 µm		Coarse → 151 µm		Extra Coarse → 181 µm

	Pear						Round Wheel				Barrel		Flame					
Medium → 125µm																		
Fig.No.	SO-S19	EX-22	EX-20	EX-21	EX-31	EX-41	WR-11	WR-12	WR-13	WR-14	EX-11	EX-12	FO-11	FO-12	FO-19	FO-20	FO-21	FO-22
Head L mm	6	7	5	5	4.5	3	1	1.5	2	2	5	7	10	10	7	7	7	7
Total L mm	18	21	19	19	19	19	19	19	19	19	19	20	24	24	21	21	21	21
	Football						Egg				Gingival Curettage							
Medium → 125µm																		
Fig.No.	FO-40	FO-L31	FO-32	FO-31	FO-25	FO-27	FO-28	FO-29	FO-30	FO-31	ZJ-11	ZJ-12	ZJ-13	ZJ-14	ZJ-19	ZJ-20	ZJ-21	ZJ-S19
Head L mm	4.5	4	4	4	5	5	5	2.5	3	4	10	10	10	9	7	7	7	7
Total L mm	23.5	21	19	19	19	19	20	19	19	19	24	22	22	22	21	21	21	21
	Depth Cutting				Gross Reduction				Specials-cool Cut									
Medium → 125µm																		
Fig.No.	ZJ-S20	ZJ-S21	DW-11	DW-12	DW-13	DW-14	TH-11	TH-12	TH-13	TH-14	LG-12	LG-13	LG-14	LG-S21	LG-S22	LG-28	LG-29	EX-24
Head L mm	7	7	1X3	1X3	1	1	7	8	10	7	10	9	9	7	7	5	5	10
Total L mm	21	21	24	19	19	19	20	22	22	20	22	22	22	19	18	20	19	24
	Special Shape																	
Medium → 125µm																		
Fig.No.	EX-25	EX-26	TF-11C	TF-12C	TF-13C	TF-14C	TF-20C	TF-21C	TF-43C	TF-S20C	TF-S21C	TF-S221C	TR-11C	TR-12C	TR-13C	TR-14C	TR-62C	TR-20C
Head L mm	5	2	10	10	10	9	7	7	4.5	7	7	7	10	10	9	9	7	7
Total L mm	20	19	24	22	22	22	21	21	19	21	19	18	22	22	22	22	20	21

Diamond Grain Specification

	Ultra Fine → 8 µm		Extra Fine → 28 µm		Fine → 60 µm
	Medium → 125 µm		Coarse → 151 µm		Extra Coarse → 181 µm

Coarse
→ 151 μm

Fig.No.	TR-21C	TR-S20C	TR-S21C	TR-S21C	TC-11C	TC-21C	SF-11C	SF-12C	SF-13C	SF-20C	SF-21C	SF-23C	SF-40C	SF-41C	SF-42C	SF-43C	SF-44C	SF-45C	
Head L mm	7	7	7	7	10	8	8	8	8	7	7	7	4	4	4	4	4	4	4
Total L mm	21	19	19	18	22	22	22	22	22	21	21	21	19	19	19	19	19	19	19

Coarse
→ 151 μm

Fig.No.	SR-11C	SR-12C	SR-13C	SR-20C	SR-21C	SR-23C	SR-24C	SR-41C	SR-42C	SR-43C	FO-32C	FO-54C	BR-31C	BR-40C	BR-41C	BR-45C	SI-47C	SI-48C
Head L mm	8	8	8	7	7	7	7	4	4	4	4	9.5	1.8	1.6	1.4	1.2	1.8	1.8
Total L mm	22	22	22	21	21	21	21	19	19	19	19	21	19	19	19	19	19	19

Fine → 60 μm

Coarse
→ 151 μm

Fig.No.	WR-12C	WR-13C	EX-20C	EX-21C	CD-50F	CD-51F	CD-52F	CD-53F	CD-54F	CD-55F	CD-56F	CD-57F	CD-58F	CD-59F	TF-12F	TF-21F	TR-11F	TR-12F
Head L mm	1.5	2	5	5	0.6	2.3	3.5	2.5	2.5	1.2	2.5	4	3.5	6.5	10	8	10	10
Total L mm	19	19	19	19	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	22	21	22	22

Fine
→ 60 μm

Fig.No.	TR-21F	TR-25F	TR-26F	TC-11F	TC-20F	TC-21F	FO-21F	FO-22F	FO-28F	FO-30F	EX-21F	BR-50F	BR-31F	BR-41F	WR-31F	WR-S31F	CR-11E	CR-12F
Head L mm	7	10	8.5	10	8	8	7	7	5	4	5	0.7	1.8	1.4	0.6	0.6	6	4
Total L mm	21	21.5	21.5	22	20	22	21	21	20	21	19	19	19	19	19	16.5	20	19

Diamond Grain Specification

□ Ultra Fine → 8 μm	■ Extra Fine → 28 μm	■ Fine → 60 μm
■ Medium → 125 μm	■ Coarse → 151 μm	■ Extra Coarse → 181 μm

Surgical Burs

Fine
→ 60 μm

Fig.No.	CR-21F	EX-17F	EX-18F	EX-01F	EX-02F	EX-03F	CD-L50F	CD-L51F	CD-L52F	CD-L53F	CD-L54F	CD-L55F	CD-L56F	CD-L57F	CD-L58F	CD-L59F	TF-11EF	TF-12EF
Head L mm	7	0.4	0.4	5	0.5	3	0.6	2.3	3.5	2.5	2.5	1.2	2.5	4	3.5	6.5	10	10
Total L mm	21.5	21	21	19	19	19	19	19	19	19	19	19	19	19	19	19	24	22

■ Extra Fine → 28 μm

Extra Fine
→ 28 μm

Fig.No.	TF-21EF	TF-S21EF	TR-11EF	TR-12EF	TR-13EF	TR-21EF	TR-S21EF	TR-25EF	TR-26EF	SF-11EF	SF-21EF	SF-41EF	SF-42EF	SR-11EF	SR-21EF	SR-41EF	SR-42EF	SO-20EF
Head L mm	7	7	10	10	9	7	7	10	8.5	8	7	4	4	8	7	4	4	6
Total L mm	21	19	22	22	22	21	19	21.5	21.5	22	21	19	19	22	21	19	19	21

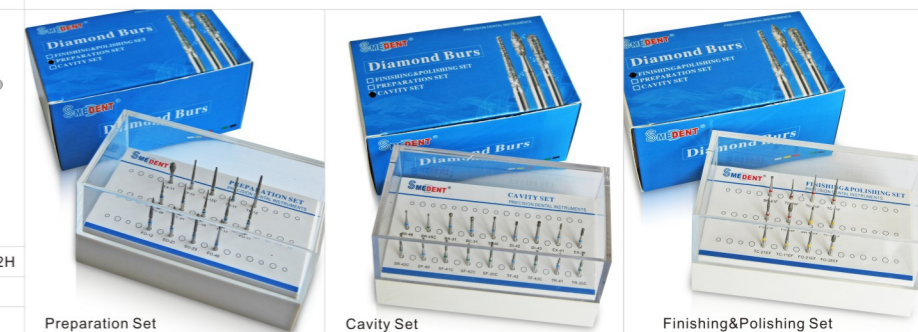
Extra Fine
→ 28 μm

Fig.No.	SO-21EF	TC-11EF	TC-20EF	TC-21EF	FO-20EF	FO-21EF	FO-22EF	FO-32EF	FO-31EF	FO-40EF	FO-42EF	EX-21EF	CR-11EF	CR-12EF	BR-40EF	BR-41EF	BR-31H	EX-11H
Head L mm	8	10	8	8	7	7	7	4	4	4.5	8	5	6	4	1.6	1.4	1.8	5
Total L mm	22	22	20	22	21	21	21	19	19	23.5	22	19	20	19	19	19	19	19

■ Extra Coarse → 181 μm

Extra Coarse
→ 181 μm

Fig.No.	FO-32H	TF-12H	SF-11H	SR-11H	EX-20H	WR-12H
Head L mm	4	10	8	8	5	1.5
Total L mm	19	22	22	22	19	19



Diamond Grain Specification

□ Ultra Fine → 8 μm	■ Extra Fine → 28 μm	■ Fine → 60 μm
■ Medium → 125 μm	■ Coarse → 151 μm	■ Extra Coarse → 181 μm

Carbide Burs (FG&HP)

E-mail: smedent@smedent.com
 Website: www.smedent.com



Model	Diameter	Length
FG(friction grip)	1.60mm	19.0mm
FG(friction grip oral surgical)	1.60mm	21.0mm
HP(handpiece)	2.35mm	44.0mm

Round End Cross-cut Cylinder

ORDER.NO	1556	1557	1558
ISO	090	010	012
FG	•	•	•
FGOS			
HP			

Round End Cylinder

ORDER.NO	1155	1156	1157	1158	1159
ISO	008	009	010	012	014
FG	•	•	•	•	•
FGOS			•	•	
HP					

Round End Cross-cut Taper

ORDER.NO	1701	1702	1703	1704
ISO	012	016	021	023
FG	•	•		
FGOS	•	•		
HP				

Inverted Cone

ORDER.NO	34	35	36	37	38	39	40	41
ISO	008	010	012	014	016	018	021	023
FG	•	•	•	•	•			
FGOS								
HP		•	•	•	•	•	•	•

Taper

ORDER.NO	329	330	331	332	331L	332L	333L
ISO	006	008	010	012	010	012	014
FG	•	•	•	•	•	•	•
FGOS					•	•	•
HP							

Round

ORDER.NO	1/4	1/2	1	2	3	4	5	6	7	8
ISO	005	006	008	010	012	014	016	018	021	
FG	•	•	•	•	•	•	•	•	•	
FGOS										
HP	•	•	•	•	•	•	•	•	•	•

Round End Taper

ORDER.NO	1169	1170	1171	1172	1171L	1172L
ISO	009	010	012	016	012	016
FG	•	•	•	•	•	•
FGOS						
HP					•	•

Cross-cut Cylinder

ORDER.NO	556	557	558	559	560	561	562	563	557L	558L
ISO	009	010	012	014	016	018	021	023	010	012
FG	•	•	•	•	•				•	•
FGOS									•	•
HP	•	•	•	•	•	•	•	•		

Taper

ORDER.NO	168	169	170	171	172	170L	171L
ISO	008	009	010	012	016	010	012
FG	•	•	•	•	•	•	•
FGOS						•	•
HP							

Cross-cut Taper

ORDER.NO	669	700	701	702	703	704	700L	701L	702L
ISO	009	010	012	016	021	023	010	012	016
FG	•	•	•	•			•	•	•
FGOS							•	•	•
HP		•	•	•	•	•			

Cylinder

ORDER.NO	56	57	58	59	60	57L	58L	60L
ISO	009	010	012	014	016	010	012	016
FG	•	•	•	•	•	•	•	•
FGOS						•	•	•
HP								

