



MANI.
DIAMOND ROTARY INSTRUMENTS

DIA-BURS

DIAMOND INSTRUMENTS FROM NEW HIGH TECHNOLOGY. (FOR F.G.)

REAMERS ▲ Symbol mark

Lengths(L) : 18,21,25,28,31mm
Packed : 6 in a package
Size : 06~140
Assorted : 15~40
45~80
90~140

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

18mm Reamers : #15~#40 Only (▶)
Medium Reamers : 12,17,22,27,32,37 (21,25mm)

K-FILES ■ Symbol mark

Lengths(L) : 18,21,25,28,31mm
Packed : 6 in a package
Size : 06~140
Assorted : 15~40
45~80
90~140

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

18mm K-Files : #15~#40 Only (▶)
Medium K-Files : 12,17,22,27,32,37 (21,25mm)

HEDSTROM-FILES ● Symbol mark

Lengths(L) : 18,21,25,28,31mm
Packed : 6 in a package
Size : 08~140
Assorted : 15~40
45~80
90~140

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

18mm H-Files : #15~#40 Only (▶)
Medium H-Files : 12,17,22,27,32,37 (21,25mm)

D FINDERS

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 08,10,12,15
Assorted : 20~70

Rubber Stopper
21% □ 25% ◯

Cross Section ●

APICAL REAMERS

Lengths(L) : 25mm
Packed : 6 in a package
Size : 20,30,40,50,60,70
Assorted : 20~70

Rubber Stopper
25% ▣

ENGINE REAMERS ▲ Symbol mark

Lengths(L) : 18,21,25,28mm
Packed : 6 in a package
Size : 10~80
Assorted : 15~40
45~80

RT FILES

Lengths(L) : 21,25,28,31mm
Packed : 6 in a package
Size : 15~80
Assorted : 15~40
45~80

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

Side Ratio : #15~#25 (1:2), #30~#80 (1:3)

Cross Section ■

FLEXILE FILES

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 15~40
Assorted : 15~40
45~80

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

Medium Flexile Files : 12,17,22,27,32,37 (21,25mm)

Cross Section ▲

FLARE FILES

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 15~40
Assorted : 15~40
45~80

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

Cross Section ▲

NRT FILES NEW

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 20,30,40
Assorted : 15~40
45~80

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

Taper : #14, #12, #10, #08, #06, #04
Assorted : #20, #30or#40, #14~#04taper

Cross Section ■

SEC O-FILES

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 08,10~80
Assorted : 15~40
45~80

Rubber Stopper
21% □ 25% ◯
28% ▣ 31% ▢

Type K Only

Cross Section ▲

SUPER FILES

Lengths(L) : 18,21,25mm
Packed : 6 in a package
Size : 10~60
Assorted : 15~40
45~80

ULTRASONIC FILES

Lengths(L) : 33mm
Packed : 6 in a package
Size : 10~50
Assorted : 15~40

Shank Diameter : #10~#40 (0.8mm), #45 & #50 (1.0mm)

ENGINE H-FILES ● Symbol mark

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 10~80
Assorted : 15~40
45~80

PASTE CARRIERS ● Symbol mark

Lengths(L) : 21,25,29mm
Packed : 4 in a package
Size : 25~40
Assorted : 25~40

(FILLERS)

GATES DRILLS & PEESSO REAMERS

Lengths(L) : 28,32,38mm
Packed : 6 in a package
Size : 1,2,3,4,5,6
Assorted : 1~6

PLUGGERS & SPREADERS

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 10~40
Assorted : 15~40

FLARE FINGER SPREADERS

Lengths(L) : 21,25mm
Packed : 6 in a package
Size : 15~40
Assorted : 15~40
Taper : .05

SHORT BARBED BROACHES ★ Symbol mark

Lengths(L) : 21mm
Packed : 6 in a package
Size : 1xxx0,2xxx0,3xxx0,4xx0,5xx0,6xx0
Assorted : 2xxx0~4xx0

BARBED BROACHES ★ Symbol mark

Lengths(L) : 52mm
Packed : 12 in a package
Size : 000,00,0,1,2,3
Assorted : 2xxx0~4xx0
Packing : 6 packages in a box (72pieces)

SMOOTH BROACHES

Lengths(L) : 52mm
Packed : 12 in a package
Size : 000,00,0,1,2,3
Assorted : 2xxx0~4xx0
Packing : 6 packages in a box (72pieces)

ISO 173/014 TF-11	ISO 173/016 TF-12	ISO 173/018 TF-13	ISO 172/023 TF-14	ISO 171/014 TF-20	ISO 171/016 TF-21	ISO 170/021 TF-22	ISO 170/018 TF-23	ISO 170/016 TF-31	ISO 169/011 TF-41	ISO 170/012 TF-42	ISO 170/014 TF-43
TF Series											
ISO 199/016 TR-11	ISO 199/016 TR-12	ISO 198/018 TR-13	ISO 198/022 TR-14	ISO 200/022 TR-15	ISO 200/024 TR-19	ISO 197/014 TR-20	ISO 197/016 TR-21	ISO 197/018 TR-24	ISO 199/016 TR-25	ISO 199/018 TR-26	ISO 160/016 TC-11
TR Series											TC Series
ISO 160/014 TC-21	ISO 160/012 TC-26	ISO 299/012 FO-11	ISO 298/014 FO-21	ISO 298/016 FO-22	ISO 257/028 FO-25	ISO 257/032 FO-27	ISO 257/018 FO-32	ISO 111/012 SF-11	ISO 111/014 SF-12	ISO 111/016 SF-13	ISO 110/014 SF-21
FO Series						SF Series					
NEW ISO 109/013 SF-31	ISO 109/010 SF-41	ISO 288/012 SO-20	ISO 289/014 SO-21	ISO 141/012 SR-11	ISO 141/014 SR-12	ISO 141/016 SR-13	NEW ISO 553/019 RS-11	NEW ISO 545/018 RS-21	NEW ISO 544/018 RS-31	ISO 039/032 EX-11	
SO Series			SR Series		RS Series			EX Series			
ISO 039/035 EX-12	ISO 237/018 EX-20	ISO 237/021 EX-21	ISO 220/017 EX-24	ISO 237/032 EX-26	ISO 234/014 EX-31	ISO 237/010 EX-41	ISO 001/018 BR-31	NEW ISO 001/016 BR-40	ISO 001/014 BR-41	ISO 001/010 BR-45	ISO 001/012 BR-46
BR Series											
ISO 001/008 BR-49	ISO 002/018 BC-31	ISO 002/014 BC-42	ISO 002/012 BC-43	ISO 019/010 DI-41	ISO 019/014 DI-42	ISO 010/012 SI-46	ISO 010/014 SI-47	ISO 010/016 SI-48	ISO 068/041 WR-13	ISO 171/014 TF-S20	ISO 171/016 TF-S21
BC Series			DI Series		SI Series		WR Series		S Series		
ISO 170/021 TF-S22	ISO 170/018 TF-S23	ISO 170/016 TF-S31	ISO 169/011 TF-S41	ISO 198/018 TR-S13	ISO 197/016 TR-S21	ISO 160/014 TC-S21	ISO 298/014 FO-S21	ISO 288/012 SO-S20	ISO 001/010 BR-S45	ISO 001/012 BR-S46	ISO 002/014 BC-S42
SS Series											
ISO 002/012 BC-S43	ISO 019/010 DI-S41	ISO 010/012 SI-S46	ISO 010/016 SI-S48	ISO 198/016 TF-SS31	ISO 197/016 TR-SS21	ISO 019/010 DI-SS41	ISO 173/018 TF-13C	ISO 198/018 TR-13C	ISO 197/018 TR-62C	ISO 160/016 TC-11C	NEW ISO 257/018 FO-32C
SS Series							C Series				

ISO 190/018 FO-54C	NEW ISO 111/014 SF-12C	NEW ISO 001/018 BR-31C	NEW ISO 010/014 SI-47C	ISO 068/042 WR-13C	ISO 173/016 TF-12F	ISO 171/016 TF-21F	ISO 199/016 TR-11F	ISO 198/018 TR-13F	ISO 197/016 TR-21F	ISO 199/016 TR-25F	ISO 199/018 TR-26F
F Series											
ISO 160/016 TC-11F	ISO 160/014 TC-21F	ISO 298/014 FO-21F	ISO 298/016 FO-22F	ISO 150/012 EX-18F	ISO 237/021 EX-21F	ISO 001/006 BR-48F	ISO 304/016 WR-31F	ISO 304/016 WR-S31F	ISO 173/016 TF-12EF	ISO 171/016 TF-21EF	ISO 199/016 TR-11EF
										EF Series	
ISO 198/018 TR-13EF	ISO 197/016 TR-21EF	ISO 199/016 TR-25EF	ISO 199/018 TR-26EF	ISO 160/016 TC-11EF	ISO 160/014 TC-21EF	ISO 298/014 FO-21EF	ISO 298/016 FO-22EF	ISO 237/021 EX-21EF	ISO 196/020 CR-11F	ISO 196/019 CR-11EF	ISO 196/015 CR-12F
										CR Inlay Series	
ISO 196/014 CR-12EF	ISO 197/012 CR-21F	ISO 289/013 CR-22F	NEW ISO 254/017 FO-30F	NEW ISO 248/014 FO-20EF	NEW ISO 243/010 FO-40EF	NEW ISO 248/012 FO-41EF	NEW ISO 248/012 FO-42EF	NEW ISO 001/014 BR-40EF	ISO 001/006 CD-50F	ISO 138/007 CD-51F	ISO 138/007 CD-52F
										CD Series	
ISO 161/007 CD-53F	ISO 246/006 CD-54F	ISO 254/009 CD-55F	ISO 246/007 CD-56F	ISO 247/007 CD-57F	ISO 108/008 CD-58F	ISO 171/013 CD-59F					
CR Polishing Series											

How to see this chart

Max. allowable r.p.m.
450,00r.p.m. 300,00r.p.m. 160,00r.p.m.

Color coding
Coarse (C)/125-150µ Standard (S)/106-125µ
Fine (F)/53-63µ Extra Fine (EF)/20-30µ

ISO No.
Order No.
TF Series
Shape

Color Coding
Color code indication is provided at the end of working part (), according to the size of diamond grit conforming to the I.S.O. specifications.
GREEN Coarse(C)/125-150µ BLUE Standard/106-125µ RED Fine(F)/53-63µ YELLOW Extra Fine(EF)/20-30µ

Classification
MANI coding system reflects shapes of burs. The contour and sizes could be imagined by MANI nomenclature since I.S.O. numbers are also indicated.
TF/Taper Flat End TR/Taper Round End TC/Taper Conical End FO/Flame Ogival End SF/Straight Flat End SO/Straight Ogival End
SR/Straight Round End RS/Rounded Shoulder EX/Special Shape BR/Ball Round Type BC/Ball Collar Type DI/Double Inverted Cone
SI/Single Inverted Cone WR/Wheel Round Edge CR/CR Inlay Preparation Dia-Burs CD/Children's Dentistry Dia-Burs S/Short Shank
SS/Super Short Shank C/Coarse F/Fine EX/Extra Fine

High Quality Control
100 percent inspection with laser measurement machine, cutting test and strength test for each lot are performed. All products comply with our own standards which are far more strict than I.S.O. standards.

⚠ Before use MANI DIA-BURS, see the instructions as indicated below.
For dental use only. Non-sterile insert the shank into the handpiece according to the handpiece manufacturer. Insertion should be the full length. Before use, run the instruments to make sure there is no descentering, if the instruments become bent, be sure to remove them from any further use. Please always use spray. A plentiful water supply is necessary to maintain long-lived performance and also to prevent loading and piliplis. Handle with care not to put excessive load. Pressure should be 20 to 50p for all instruments with diameter up to 023. Use below max. allowable r.p.m. of each instrument, see chart above, to avoid a possibility of being injured due to breakage. Avoid levering, tilting, twisting and jamming motion. Do not work with a pulling motion. Wear a safety glasses and/or facemask to protect from being injured. Practicable for using auto-clave, chemical vaporized-clave, dry-heat and E.O.G. sterilization. After using, follow appropriate treatment as the medical waste.

All rights reserved. The instruments are subject to change. We reserve the right to modify our range of instruments and their design as well as to deviate from the illustrations and data shown.
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