NEODIAMOND®
2024

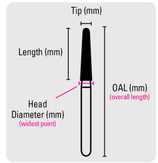
Individually wrapped and highly visible through a poly packet, each diamond is identified by bur number and shape description.

Single-use ndifu.com

GRITS

Xtra-Coarse	XC	181-213µ	Fine	F	27-76µ
Very Coarse	C	131-180µ	Very Fine	VF	10-36µ
Coarse	C	107-130µ	Z-Class	Z	
Medium	M	64-126µ			

SPECIFICATIONS

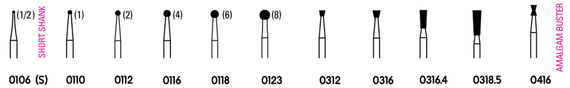


Shape	1116.8
Grit	C F
Reference FG	856-016
Head Dia/ Lgth / Tip (mm)	1.6 / 8 / 1.1
OAL (mm) overall length	19.7

OPERATIVE DIAMONDS

25 per pack.

Ball



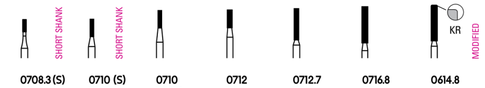
Shape	0106 (S)	0110	0112	0116	0118	0123	0312	0316	0316.4	0318.5	0416
Grit	F	M	M	C M	C M	C F	M	C	C	C	C
Reference FG	S801-006	801-010	801-012	801-016	801-018	801-023	805-012	805-016	807-016	807-018	813-014
Head Dia/ Lgth / Tip (mm)	0.7 / 0.5/	0.9 / 0.7	1.2 / 1.0	1.6 / 1.4	1.8 / 1.6	2.3 / 2.0	1.3 / 1.5	1.7 / 1.5	1.6 / 4.1	1.9 / 5.1	1.5 / 2.3
OAL (mm)	16.5	19.1	19.2	19.2	19.2	17.4	19.2	19.2	19.2	19.2	19.2

Inverted Cone

Pear

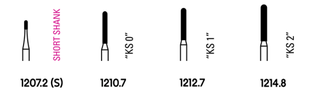
Shape	0508 (S)	0508	0512 (S)	0512
Grit	M	M	M	C M
Reference FG	S830-008	830-008	S830-012	830-012
Head Dia/ Lgth / Tip (mm)	0.8 / 1.5	0.8 / 1.5	1.2 / 2.9	1.2 / 2.8
OAL (mm)	16.1	19.1	16.2	19.0

Flat End Cylinder



Shape	0708.3 (S)	0710 (S)	0710	0712	0712.7	0716.8	0614.8
Grit	F	C M	C M	C	C	C	C F
Reference FG	S835-008	S835-010	835-010	835-012	837-012	837-016	837KR-014
Head Dia/ Lgth / Tip (mm)	0.9 / 4.0	1.0 / 4.0 / 1.0	1.0 / 4.0 / 1.0	1.3 / 4.0 / 1.3	1.2 / 7.0 / 1.2	1.6 / 8.7 / 1.6	1.5 / 8.0 / 1.5
OAL (mm)	16.5	16.2	19.2	19.2	19.2	19.7	20.2

Round End Cylinder

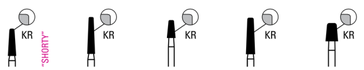


Shape	1207.2 (S)	1210.7	1212.7	1214.8
Grit	F	C F	C	C
Reference FG	S881-007	881-009	881-012	881-014
Head Dia/ Lgth / Tip (mm)	0.7 / 2.0	1.0 / 7.0/ 1.0	1.3 / 7.0 / 1.3	1.5 / 8.0/ 1.5
OAL (mm)	16.5	19.1	18.7	19.7

Beveled Cylinder

Shape	1800.8	1804.8	1812.8	1812.10
Grit	C F	C	C M F	C M
Reference FG	878-012	878-014	885-012	886-012
Head Dia/ Lgth / Tip (mm)	1.2 /8.0/1.2	1.5 / 8.0 / 1.5	1.2 /8.0/1.2	1.2 / 10.0/ 1.2
OAL (mm)	19.6	20.1	19.6	21.6

Modified Flat End Taper



Shape	0816.6 (S)	0816.8	0818.4	0818.8	2525
Grit	C M	C M F	C M	C	M
Reference FG	S846KR-016	847KR-016	845KR-018	847KR-018	845KR-025
Head Dia/ Lgth / Tip (mm)	1.6 / 6.0/ 1.1	1.6 /8.0/ 1.1	1.8 / 4.0 / 1.4	2.0 /8.0/1.4	2.5 / 3.9 / 2.0
OAL (mm)	16.7	20.3	18.1	20.3	18.0

Flat End Taper

Shape	0914.8	0914.9	0916.8	0916.10	0918.8	0918.10
Grit	C M F	C	C M F	C M	C M	C M
Reference FG	847-014	847L-014	847-016	848-016	847-018	848-018
Head Dia/ Lgth / Tip (mm)	1.4 / 8.0/ 1.0	1.5 / 9.0/ 0.7	1.8 / 8.0 / 1.2	1.8 / 10.0/ 1.1	2.0 / 8.0/ 1.4	2.0 / 10.0/ 1.4
OAL (mm)	19.7	20.6	19.7	21.7	19.8	21.7

Round End Taper

Shape	1112.7	1112.10	1113.7 (S)	1114.6 (S)	1114.8	1114.10	1116.6 (S)	1116.7	1116.8	1116.10	1118.7	1118.8	1118.9	1121.8	1122.8	2424 (S)	2424
Grit	C M	C M	M F	C	C M F	C M F	C M	C M	C M F	C M F	C F	C	C M F	C	C	C	C
Reference FG	856-012	850-012	S855-013	S855-014	856-014	850-014	S855-016	856-016	856-016	850-016	856-018	856-018	856L-018	856-021	856-022	S856-024	856-024
Head Dia/ Lgth / Tip (mm)	1.2 / 7.0/ 0.7	1.3 / 10.0 / 0.7	1.3 / 8.6	1.4 / 6.0 / 0.9	1.4 / 8.0 / 0.9	1.4 / 10.0 / 0.9	1.7 / 6.0 / 1.1	1.7 / 7.0 / 1.1	1.6 / 8.0 / 1.1	1.6 / 10.0 / 1.1	1.8 / 7.0 / 1.4	1.9 / 8.0 / 1.2	1.8 / 9.0 / 1.4	2.3 / 8.0 / 1.6	2.3 / 8.5 / 1.8	2.5 / 7.0 / 1.8	2.5 / 7.0 / 1.8
OAL (mm)	18.6	21.7	16.5	16.7	19.7	21.6	16.7	18.5	19.7	21.7	18.7	22.0	20.7	19.9	22.5	18.7	21.1

Pointed Taper

Shape	1712.8	1712.10	1714.8	1714.10	1716.6 (S)	1716.8	1718.8	1718.10	1721.8
Grit	C M	C M	C M F	C M	C M	C M F	C F	C	C
Reference FG	878K-012	879K-012	878K-014	879K-014	S877K-016	878K-016	878K-018	879K-018	878K-021
Head Dia/ Lgth / Tip (mm)	1.2 / 8.0 / 0.8	1.2 /10.0 / 0.8	1.4 / 8.0/ 1.0	1.4 /10.0/ 1.1	1.6 / 6.5 / 1.2	1.6 / 8.0/ 1.2	1.8 / 8.0 / 1.4	2.0 /10.0/ 1.4	2.2 / 8.0/ 1.6
OAL (mm)	20.1	22.1	20.1	21.6	17.1	20.1	20.1	21.6	20.1

Pointed Cone

Shape	1300 (S)	1310.3	1312.11	1314.8	1314.10
Grit	F	M F	C F	C M F	C M F
Reference FG	S858-008	858-008	859-012	858-014	859-014
Head Dia/ Lgth / Tip (mm)	0.8 / 3.0	0.8 / 3.0	1.2 / 11.5	1.4 / 8.0	1.7 / 10.0
OAL (mm)	16.9	22.0	24.0	19.5	21.5

COMING SOON...

Shape	1314.11
Grit	M
Reference FG	859-014
Head Dia/ Lgth / Tip (mm)	1.0/ 11.0
OAL (mm)	31.0

Teardrop

Shape	1223	1231
Grit	C F	C
Reference FG	KS5-023	KS5-031
Head Dia/ Lgth / Tip (mm)	2.3/5.5	3.1 / 6.2
OAL (mm)	20.0	20.0

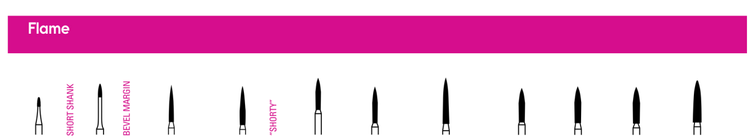
Bud

Shape	1955
Grit	F
Reference FG	369-025
Head Dia/ Lgth / Tip (mm)	2.5/ 5.5
OAL (mm)	19.5

Interproximal

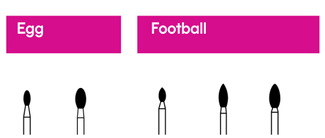
Shape	1416
Grit	M F
Reference FG	392-016
Head Dia/ Lgth / Tip (mm)	1.7 / 5.0 / 0.4
OAL (mm)	19.0

Flame



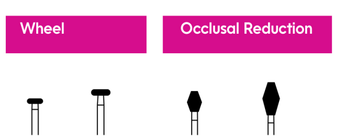
Shape	1507.2 (S)	1509.3	1510.8	1512.6 (S)	1512.7	1512.8	1512.10	1514.7	1514.8	1516.8	1518.9
Grit	F	M F	C M F	CS MS	C	C M F	C M F	C M	C	C M F	C F
Reference FG	S862-007	889-009	862-010	S862-012	861-102	862-012	863-012	862-014	862-014	862-016	862L-018
Head Dia/ Lgth / Tip (mm)	0.8 / 2.4	0.9 / 2.7	1.0 / 8.0	1.3 / 6.5	1.3 / 6.8	1.2 / 8.0	1.2 / 10.0	1.4 / 7.5	1.5 / 8.0	1.6 / 8.0	1.8 / 9.1
OAL (mm)	16.5	20.0	20.0	17.6	21.0	19.6	21.6	19.0	19.6	19.5	20.4

Egg



Shape	1908	1900
Grit	C F	C M F
Reference FG	379-018	379-023
Head Dia/ Lgth / Tip (mm)	1.8 / 3.4	2.3 / 4.2
OAL (mm)	18.7	19.2

Football



Shape	1916	1920	1923
Grit	C F	C F	C M F
Reference FG	368-016	368-020	368-023
Head Dia/ Lgth / Tip (mm)	1.6 / 3.1	1.8 / 4.6	2.3 / 4.9
OAL (mm)	19.2	20.0	19.9

Wheel

Shape	2035	2042
Grit	C	C
Reference FG	909-035	909-042
Head Dia/ Lgth / Tip (mm)	3.5 / 1.2	4.2 / 1.4
OAL (mm)	16.7	17.5

Occlusal Reduction

Shape	2133	2137
Grit	C	C
Reference FG	811-033	811-037
Head Dia/ Lgth / Tip (mm)	3.4 / 4.5	3.8 / 7.0
OAL (mm)	19.7	21.7

Gross Reduction

Shape	2217	2218
Grit	C	C
Reference FG	6051-017	6055-018
Head Dia/ Lgth / Tip (mm)	1.7 / 7.6 / 1.7	1.9 / 7.6 / 1.3
OAL (mm)	20.3	20.2

Acorn

COMING SOON...

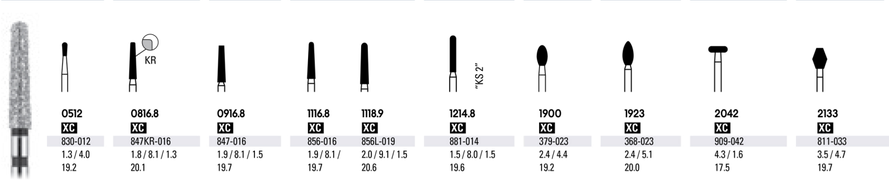
Shape	2131
Grit	M F
Reference FG	856-018
Head Dia/ Lgth / Tip (mm)	1.8 / 7.0 / 1.4
OAL (mm)	18.7

SPECIALTY DIAMONDS

X-CLASS XTRA-COARSE DIAMONDS

25 per pack

Pear | Mod. Flat End Taper | Flat End Taper | Round End Taper | Round End Cylinder | Egg | Football | Wheel | Occlusal Reduction

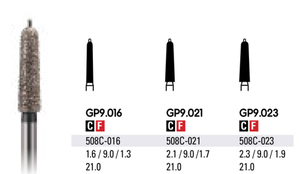


Shape	0512	0816.8	0916.8	1116.8	1118.9	1214.8	1900	1923	2042	2133
Grit	XC	XC	XC	XC	XC	XC	XC	XC	XC	XC
Reference FG	830-012	847KR-016	847-016	856-016	856L-019	881-014	379-023	368-023	909-042	811-033
Head Dia/ Lgth / Tip (mm)	1.3 / 4.0	1.8 / 8.1 / 1.3	1.9 / 8.1 / 1.5	1.9 / 8.1 /	2.0 / 9.1 / 1.5	1.5 / 8.0 / 1.5	2.4 / 4.4	2.4 / 5.1	4.3 / 1.6	3.5 / 4.7
OAL (mm)	19.2	20.1	19.7	19.7	20.6	19.6	19.2	20.0	17.5	19.7

GUIDE-PIN

10 per pack

Round End Taper

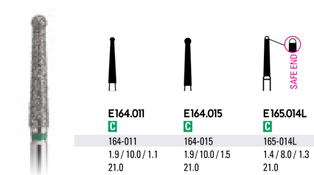


Shape	GP9.016	GP9.021	GP9.023
Grit	C F	C F	C F
Reference FG	508C-016	508C-021	508C-023
Head Dia/ Lgth / Tip (mm)	1.6 / 9.0 / 1.3	2.1 / 9.0 /1.7	2.3 / 9.0 / 1.9
OAL (mm)	21.0	21.0	21.0

ENDO ACCESS

10 per pack

Round End Taper



Shape	E164.011	E164.015	E165.014L
Grit	C	C	C
Reference FG	164-011	164-015	165-014L
Head Dia/ Lgth / Tip (mm)	1.9 / 10.0 / 1.1	1.9/ 10.0 / 1.5	1.4 / 8.0 / 1.3
OAL (mm)	21.0	21.0	21.0

DEPTH MARKER

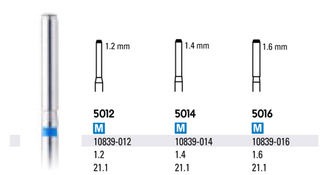
10 per pack

COMING SOON...

Shape	5010	5015	5020	5025
Grit	M	M	M	M
Reference FG	828-016	828-016	828-017	828-018
Head Dia/ Lgth / Tip (mm)	1.0/ 1.6	1.5/1.6	1.7/ 2.0	1.8/2.5
OAL (mm)	18.0	18.0	18.0	18.0

END CUTTER

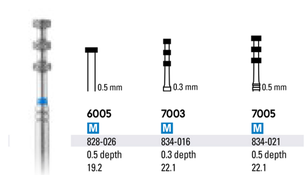
10 per pack



Shape	5012	5014	5016
Grit	M	M	M
Reference FG	10839-012	10839-014	10839-016
Head Dia/ Lgth / Tip (mm)	1.2	1.4	1.6
OAL (mm)	21.1	21.1	21.1

DEPTH CUTTER

10 per pack



Shape	6005	7003	7005
Grit	M	M	M
Reference FG	828-026	834-016	834-021
Head Dia/ Lgth / Tip (mm)	0.5 depth	0.3 depth	0.5 depth
OAL (mm)	19.2	22.1	22.1

Z-CLASS ZIRCONIA DIAMONDS

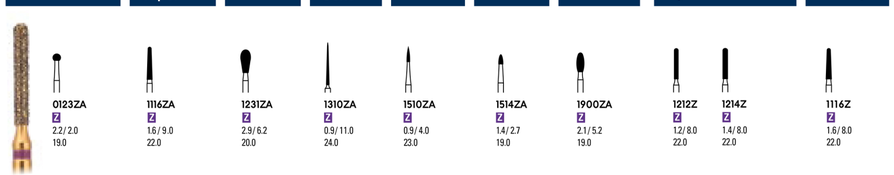
25 per pack

ADJUSTERS

Ball | Rnd. End. Taper | Teardrop | Pointed Cone | Needle | Flame | Egg

CUTTERS

Round End Cylinder | Round End Taper

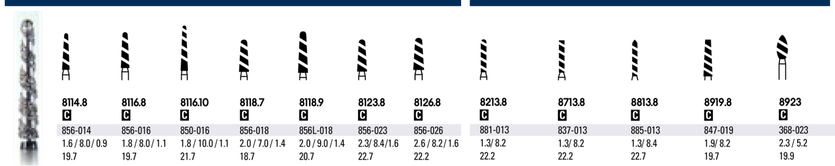


Shape	0123ZA	1116ZA	1231ZA	1310ZA	1510ZA	1514ZA	1900ZA	1212Z	1214Z	1116Z
Grit	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Reference FG	2.2 / 2.0	1.6 / 9.0	2.9/ 6.2	0.9/ 11.0	0.9/ 4.0	1.4/ 2.7	2.1 / 5.2	1.2/ 8.0	1.4/ 8.0	1.6 / 8.0
Head Dia/ Lgth / Tip (mm)	19.0	22.0	20.0	24.0	23.0	19.0	19.0	22.0	22.0	22.0

NEOSPIRAL

25 per pack

Round End Taper | Round End Cylinder | Flat End Cylinder | Beveled Cylinder | Flat End Taper | Football

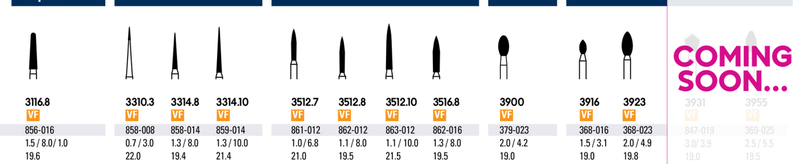


Shape	8114.8	8116.8	8116.10	8118.7	8118.9	8123.8	8126.8	8213.8	8713.8	8813.8	8919.8	8923
Grit	C	C	C	C	C	C	C	C	C	C	C	C
Reference FG	856-014	856-016	850-016	856-018	856L-018	856-023	856-026	881-013	837-013	885-013	847-019	368-023
Head Dia/ Lgth / Tip (mm)	1.6 / 8.0/ 0.9	1.8 / 8.0 / 1.1	1.8 / 10.0 / 1.1	2.0 / 7.0 / 1.4	2.0 / 9.0 / 1.4	2.3/ 8.4/1.6	2.6 / 8.2 / 1.6	1.3/ 8.2	1.3/ 8.2	1.3/ 8.4	1.9/ 8.2	2.3 / 5.2
OAL (mm)	19.7	19.7	21.7	18.7	20.7	22.7	22.2	22.2	22.2	22.7	19.7	19.9

FINISHING

25 per pack

Round End Taper | Pointed Cone | Flame | Egg | Football | Acorn | Bud



Shape	3116.8	3310.3	3314.8	3314.10	3512.7	3512.8	3512.10	3516.8	3900	3916	3923
Grit	VF	VF	VF	VF	VF	VF	VF	VF	VF	VF	VF
Reference FG	856-016	858-008	858-014	859-014	861-012	862-012	863-012	862-016	379-023	368-016	368-023
Head Dia/ Lgth / Tip (mm)	1.5 / 8.0/ 1.0	0.7 / 3.0	1.3 / 8.0	1.3 / 10.0	1.0/ 6.8	1.1 / 8.0	1.1 / 10.0	1.3/ 8.0	2.0 / 4.2	1.5 / 3.1	2.0 / 4.9
OAL (mm)	19.6	22.0	19.4	21.4	21.0	19.5	21.5	19.5	19.0	19.0	19.8

COMING SOON...

Shape	3931	3955
Grit	M F	M F
Reference FG	847-019	369-025
Head Dia/ Lgth / Tip (mm)	3.0/ 3.9	2.5 / 5.5
OAL (mm)	19.0	19.5

REV110.3