*NEO*DIAMOND® Chart

All ***NEO***DIAMOND® instruments are friction grip (FG). Total instrument length never exceeds 22 mm, allowing use in small or large head handpieces. Head size is measured at the diamond diameter's widest part. Head tip diameter is shown for tapered shapes. Fine grit is for finishing and smoothing crown preparations. Very fine grit is for composite finishing. **Instruments are shown actual size.**

New shapes available September 2001.

Crown & Bridge and Operative Shapes

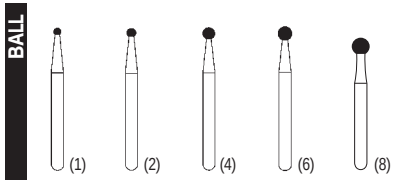
New shapes or grit underlined ◆N

GRIT SIZE:

Coarse/C (130-150 µ)	Diamond #
Medium/M (100-110 µ)	Diamond #
Fine/F (50 µ)	Diamond #

ISO Reference FG
Head Size / Length / Tip Dia. In mm

BALL



0110M	0112M	0116M	0118M	0123C 0123F
801-010	801-012	801-016	801-018	801-023
1.0 / 0.8	1.2 / 1.0	1.6 / 1.4	1.8 / 1.6	2.3 / 2.0

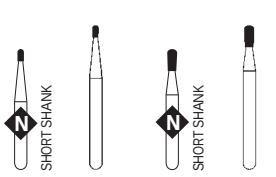
INVERTED CONE

0312M	0316M
805-012	805-016
1.2 / 0.9	1.6 / 1.4

DOUBLE INV. CONE

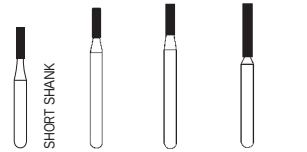
0416M
813-014
1.4 / 2.2

PEAR



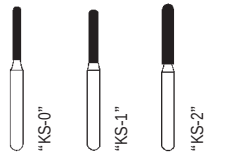
0508MS	0508M	0512MS	0512M
S830-008	830-008	S830.012	830-012
0.8 / 1.6	0.8 / 1.6	1.2 / 2.7	1.2 / 2.7

FLAT END CYLINDER



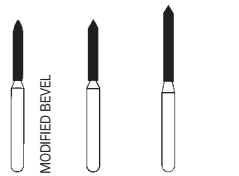
0710MS	0710C 0710M	0712M	0712.7C
S835-010	835-010	835-012	837-012
1.0 / 4	1.0 / 4	1.2 / 4	1.2 / 7

ROUND END CYLINDER



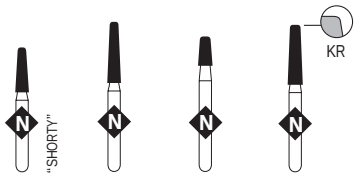
1210.7C	1212.7C	1214.8C
881-009	881-012	881-014
0.9 / 7	1.2 / 7	1.4 / 8

BEVELED CYLINDER



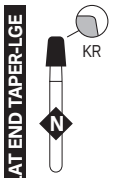
1800.8C 1800.8F	1812.8C 1812.8M 1812.8F	1812.10C 1812.10M
878-012	885-012	886-012
1.2 / 8	1.2 / 8	1.2 / 10

MODIFIED FLAT END TAPER



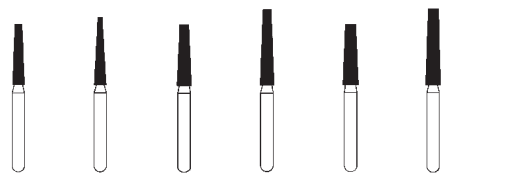
0816.6CS 0816.6MS	0816.8C 0816.8M 0816.8F	0818.4C 0818.4M	0818.8C
S846KR-016	847KR-016	845KR-018	847KR-018
1.6 / 6 / 1.1	1.6 / 8 / 1.1	1.8 / 4 / 1.4	1.8 / 8 / 1.35

MODIFIED FLAT END TAPER-LGE



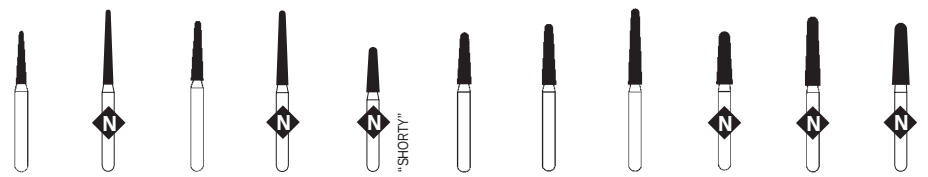
2525M
845KR-025
2.5 / 4 / 2.0

FLAT END TAPER



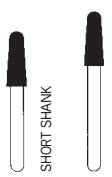
0914.8C 0914.8M 0914.8F	0914.9C	0916.8C 0916.8M 0916.8F	0916.10C 0916.10M	0918.8C 0918.8M	0918.10C 0918.10M
847-014	847L-014	847-016	848-016	847-018	848-018
1.4 / 8 / 1.0	1.4 / 9 / 0.7	1.6 / 8 / 1.2	1.6 / 10 / 1.1	1.8 / 8 / 1.4	1.8 / 10 / 1.4

ROUND END TAPER



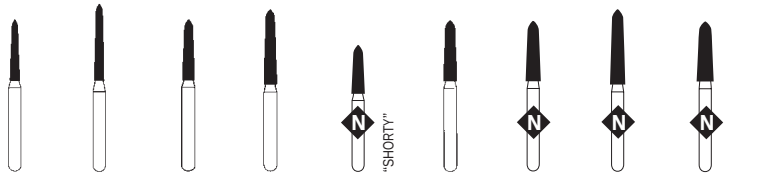
1112.7C 1112.7M	1112.10C 1112.10M	1114.8C 1114.8M 1114.8F	1114.10C 1114.10M	1116.6CS 1116.6MS	1116.7C 1116.7M	1116.8C 1116.8M 1116.8F	1116.10C 1116.10M 1116.10F	1118.7C 1118.7M	1118.9C 1118.9M	1121.8C
856-012	850-012	856-014	850-014	S855-016	856-016	856-016	850-016	856-018	856L-018	856-021
1.2 / 7 / 0.7	1.3 / 10 / 0.7	1.4 / 8 / 0.9	1.4 / 10 / 0.9	1.6 / 6 / 1.1	1.6 / 7 / 1.1	1.6 / 8 / 1.1	1.6 / 10 / 1.1	1.8 / 7 / 1.4	1.8 / 9 / 1.4	2.1 / 8 / 1.6

ROUND END TAPER-LGE



2424CS	2424C
S856-024	856-024
2.4 / 7 / 1.8	2.4 / 7 / 1.8

POINTED TAPER



1712.8C 1712.8M	1712.10C 1712.10M	1714.8C 1714.8M 1714.8F	1714.10C 1714.10M	1716.6CS 1716.6MS	1716.8C 1716.8M 1716.8F	1718.8C 1718.8M	1718.10C 1718.10M	1721.8C
878K-012	879K-012	878K-014	879K-014	S877K-016	878K-016	878K-018	879K-018	878K-021
1.2 / 8 / 0.8	1.2 / 10 / 0.8	1.4 / 8 / 1.0	1.4 / 10 / 1.1	1.6 / 6 / 1.2	1.6 / 8 / 1.2	1.8 / 8 / 1.4	1.8 / 10 / 1.4	2.1 / 8 / 1.6

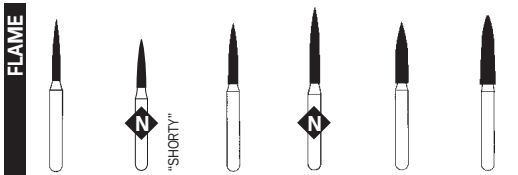
POINTED CONE

1300FS
S858-009
0.9 / 2.7

POINTED CONE

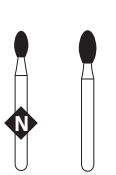
1310.3M 1310.3F	1314.8C 1314.8F	1314.10C 1314.10F
858-008	858-014	859-014
0.8 / 3	1.4 / 8	1.4 / 10

FLAME



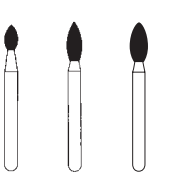
1510.8C 1510.8M 1510.8F	1512.6CS 1512.6MS 1512.6FS	1512.8C 1512.8M 1512.8F	1512.10C 1512.10M 1512.10F	1516.8C 1516.8M	1518.9C 1518.9F
862-010	S862-012	862-012	863-012	862-016	862L-018
1.0 / 8	1.2 / 6	1.2 / 8	1.2 / 10	1.6 / 8	1.8 / 9

EGG



1908C 1908F	1900C 1900F
379-018	379-023
1.8 / 3.4	2.3 / 4.2

FOOTBALL



1916C 1916F	1920C 1920F	1923C 1923M 1923F
368-016	368-020	368-023
1.6 / 3.2	2.0 / 5	2.3 / 5.2

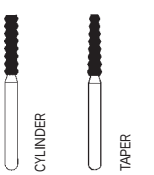
WHEEL

2035C	2042C
909-035	909-042
3.5 / 1.3	4.2 / 1.5

OCCLUSAL REDUCTION

2133C	2137C
811-033	811-037
3.3 / 4.4	3.7 / 7

GROSS REDUCTION



2217C	2218C
6051-017	6055-018
1.7 / 8 / 1.7	1.8 / 8 / 1.3

Composite Finishing Shapes

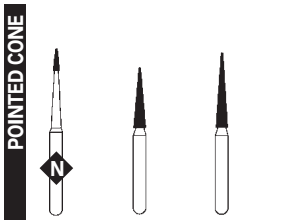
Identified by Dark Gold finish

GRIT SIZE:

Very Fine/VF (30 µ)	Diamond #

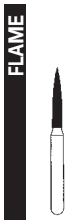
ISO Reference FG
Head Size / Head Length In mm

POINTED CONE



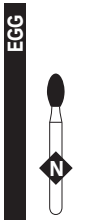
3310.3VF	3314.8VF	3314.10VF
858-008	858-014	859-014
0.8 / 3	1.4 / 8	1.4 / 10

FLAME



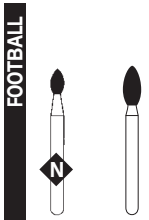
3512.8VF
862-012
1.2 / 8

EGG



3900VF
379-023
2.3 / 4.2

FOOTBALL



3916VF	3923VF
368-016	368-023
1.6 / 3.2	2.3 / 5.2

*NEO*SPIRAL™

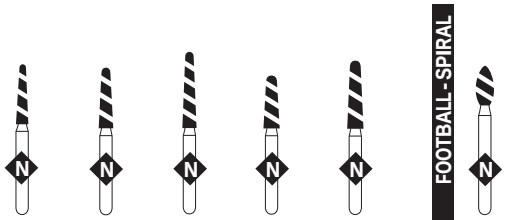
High Performance Diamonds

GRIT SIZE:

Coarse/C (130-150 µ)	Diamond #

ISO Reference FG
Head Size / Length/Tip Dia. In mm

ROUND END TAPERS - SPIRAL



8114.8C	8116.8C	8116.10C	8118.7C	8118.9C
856-014	856-016	850-016	856-018	856L-018
1.4 / 8 / 0.9	1.6 / 8 / 1.1	1.6 / 10 / 1.1	1.8 / 7 / 1.4	1.8 / 9 / 1.4

FOOTBALL - SPIRAL

8923C
368-023
2.3 / 5.2