

NEODIAMOND® CHART

N New SHAPES and Grits highlighted.

CROWN & BRIDGE AND OPERATIVE

Head size indicates diamond diameter's widest part. Head tip diameter is shown for tapered shapes. Instruments shown actual size. Grits indicated by color bands on shanks. Coarse grit shapes are either 150 μ (black) or 130 μ (green).

GRIT SIZE:

Coarse/C (150 μ, 130 μ)

Medium/M (100-110 μ)

Fine/F (50 μ)

Reference FG

Head Size / Lgth / Tip Dia.

Diamond #

Diamond #

Diamond #

In mm

BALL

0110M	0112M	0116C	0118C	0123C
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	0316C	0316.4C	0318.5C
805-012	805-016	807-016	807-018
1.2/0.9	1.6/1.4	1.6/4.0	1.8/5.0

DBL INV. CONE

0416C
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

MOD. FL. END CYL.

0614.8C
837KR-014
1.4/8/1.4

FLAT END CYLINDER

0710CS	0710C	0712C	0712.7C	0716.8C	
S835-010	835-010	835-012	837-012	837-016	
1.0/4/1.0	1.0/4/1.0	1.2/4/1.2	1.2/7/1.2	1.6/8/1.6	

ROUND END CYLINDER

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

MODIFIED BEV. CYL.

1800.8C	1804.8C	1812.8C	1812.10C
878-012	878-014	885-012	886-012
1.2/8/1.2	1.4/8/1.4	1.2/8/1.2	1.2/10/1.2

BEVELED CYLINDER

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

MODIFIED FLAT END TAPER

0816.6MS	0816.8M	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

MOD. F. E. TPR-LGE

2525M
845KR-025
2.5/4/2.0

FLAT END TAPER

0914.8C	0914.9C	0916.8C	0916.10C	0918.8C	0918.10C	0918.10M
847-014	847L-014	847-016	848-016	847-018	848-018	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	1.8/10/1.4

ROUND END TAPER

1112.7C	1112.10C	1114.6CS	1114.8C	1114.10C	1114.10M
856-012	850-012	S855-014	856-014	850-014	850-014
1.2/7/0.7	1.3/10/0.7	1.4/6/0.9	1.4/8/0.9	1.4/10/0.9	1.4/10/0.9

ROUND END TAPER (Continued)

1116.6CS	1116.7C	1116.8C	1116.10C	1118.7C	1118.9C	1121.8C	2424CS	2424C	
S855-016	856-016	856-016	850-016	856-018	856L-018	856-021	S856-024	856-024	
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	2.4/7/1.8	2.4/7/1.8	

ROUND END TAPER-LARGE

1712.8C	1712.10C
878K-012	879K-012
1.2/8/0.8	1.2/10/0.8

POINTED TAPER

1714.8C	1714.8M	1714.8F	1714.10C	1714.10M	1716.6CS	1716.8C	1718.8C
878K-014	879K-014	878K-014	879K-014	879K-014	S877K-016	878K-016	878K-018
1.4/8/1.0	1.4/10/1.1	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

1716.8C	1716.8M	1716.8F	1718.8C	1718.10C	1721.8C		
878K-016	878K-016	878K-016	878K-018	879K-018	878K-021		
1.6/8/1.2	1.6/8/1.2	1.6/8/1.2	1.8/8/1.4	1.8/10/1.4	2.1/8/1.6		

POINTED CONE

PIT & FISSURE DIAMOND	1310.3M	1312.11C	1314.8C	1314.10C	1314.8M	1314.10M	1314.10F
S858-008	858-008	859-012	858-014	859-014	858-014	859-014	859-014
0.8/3	0.8/3	1.2/11	1.4/8	1.4/10	1.4/8	1.4/10	1.4/10

INTER-PROXIMAL

1416M	1509.3M	1510.8C	1512.6CS	1512.8C	1512.10C	1514.8C	1516.8C
392-016	889-009	862-010	S862-012	862-012	863-012	862-014	862-016
1.6/5	0.9/3	1.0/8	1.2/6	1.2/8	1.2/10	1.4/8	1.6/8

FLAME

1510.8M	1510.8M	1510.8F	1512.6MS	1512.8M	1512.10M	1514.8M	1516.8M	1518.9C	1518.9F
862-010	862-010	862-010	S862-012	862-012	863-012	862-014	862-016	862L-018	862L-018
1.0/8	1.0/8	1.0/8	1.2/6	1.2/8	1.2/10	1.4/8	1.6/8	1.8/9	1.8/9

EGG

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

FOOTBALL

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

WHEEL

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

OCCUSAL 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

END CUTTER

5012M	5014M	5016M
10839-012	10839-014	10839-016
1.2	1.4	1.6

DEPTH CUTTER

6005M	7003M	7005M
828-026	834-016	834-021
0.5 depth	0.3 depth	0.5 depth

FINISHING DIAMONDS

Very fine 30 micron grit—excellent for composites, glass ionomers and porcelain finishing.

GRIT SIZE:

Very Fine/VF (30 μ) Dmd.#

Reference FG

Head Size / Lgth / Tip In mm

R.E. TAPER

3116.8VF	3310.3VF	3314.8VF	3314.10VF	3512.8VF	3512.10VF	3516.8VF	3900VF
856-016	858-008	858-014	859-014	862-012	863-012	862-016	379-023
1.6/8/1.0	0.8/3	1.4/8	1.4/10	1.2/8	1.2/10	1.6/8	2.3/4.2

FLAME

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

EGG

3900VF	3916VF	3923VF
379-023	368-016	368-023
2.3/4.2	1.6/3.2	2.3/5.2

NEOSPIRAL

High Performance Diamonds
Cooling spiral channels direct water flow & debris

GRIT SIZE:

Coarse/C (130 μ) Dmd.#

Reference FG

Head Size / Lgth / Tip In mm

ROUND END TAPER

8114.8C	8116.8C	8116.10C	8118.7C	8118.9C	8923C
856-014	856-016	850-016	856-018	856L-018	368-023
1.4/8/0.9	1.6/8/1.1	1.6/10/1.1	1.8/7/1.4		