

# There's small... then there's nano.

NTI® nano | prep™ Diamonds by AXIS Dental are specifically designed for conservative and minimally invasive dentistry. The nano sized heads and slender necks allow for optical control of the working area and are perfect for tracing pits and fissures. Available in (7) different friction grip shapes in packs of 5.

**Features:**

- Nano size heads
- Slim neck design
- Nano grit diamond








**Benefits:**

- Minimally invasive preparation
- Optimal visual control for precise reduction
- Maximum conservation of tooth structure



LS-7558 nano | prep™  
Micro Preparation Set

[ nano | prep™ Diamonds ]

							
MFG. NO.	N379	N801	N838	N838L	N860	N883	N889
SIZE 1/10mm	009	007	007	007	007	007	007
LENGTH (mm)	1.0	-	2.0	3.5	2.0	2.0	3.5
FG (31)	■	■	■	■	■	■	■



## LS-7558 nano | prep™ Micro Preparation Set Photos & Tech Specs by Dr. Robert White

This NEW Logic Set offers clinicians the ability to perform conservative and exacting microdentistry with minimal reduction of natural tissues. The special design of these diamonds offers a superior advantage to perform finer preparations.

The LS-7558 will open the door to better Class I, II, III, IV and V preparations plus many other applied uses. The more you use this set, the more inseparable it will become in your daily clinical routine – it will grow on you!

Contains all (7) NTI® nano | prep™ Diamonds and (2) NTI® Round Carbides in RA/Latch.

– Dr. Robert White

### Suggested Techniques

The following are some of the many applications of the LS-7558 nano | prep™ Micro Preparation Set:

- Pit and fissure preparation
- Conservative and precise Class I, II, III, IV, V
- Removal of finite caries and old composites and amalgam restorations
- Safe separation of closely aligned teeth for crown & bridge preparations without injury to the adjacent teeth
- Removal of composite and amalgam interproximal flashing and overhangs
- Finite grooves for additional retention in those extra large, difficult to retain Class V restorations



#### N801-007, N379-009:

These diamonds are excellent for initial entry and shaping Class I and II preps. Additionally, they are capable of forming very small retention grooves in Class V preparations. Pit and fissure preparations and these little guys are a perfect marriage.



#### N838-007, N838L-007:

These diamonds enable precise removal of undermined enamel in Class I and II preps and placement of small interproximal boxes. Their rounded ends make perfect line angles for direct or indirect restorations and are very effective at producing accurate finishing lines for veneer and indirect restorations.



#### N883-007, N860-007, N889-007:

These very small diamonds perform precise bevels in crowded and overlapped teeth for Class III and IV preparations. These particular shapes remove interproximal flashing of composite or amalgam. Additionally, they enable safe separation of closely aligned teeth for crown & bridge preparation.



#### H0.25RA, H1-RA:

These extremely small carbide burs allow safe removal of deep or undercut carries without removing healthy tooth structure.