

TIP EVALUATION

1ST 3mm

SIZE	25/04
FLUTES	3; changes to 4
SPIRALS PER 16MM	2.3
HELIX ANGLE	9° (25° at handle end) ●
CUTTING ANGLE	(-) 33° ●
DEBRIS REMOVING AREA	52% ●
X-SEC. AS % OF CUTTING DIA.	24%
CORE AS % OF X-SEC. AREA	66%
ROTATION TO FAILURE	535°
PEAK TORQUE AT FAILURE	5.06 gf/cm
60° DEFLECTION	7.4 g
PLASTIC DEFORMATION	0°

EXO ENDO®

COMPANY:
NANOENDO

MANUFACTURER:
D&S DENTAL

MADE IN:
USA

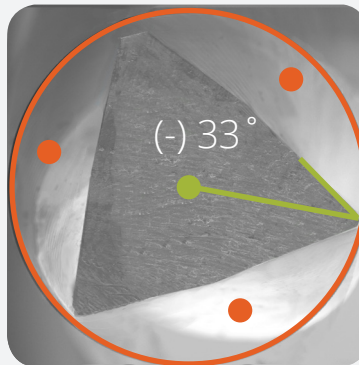
WEBSITE:
NANOENDO.COM

SEM IMAGES

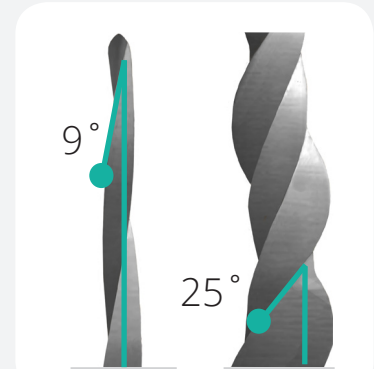
COURTESY OF UT MEMPHIS



TIP



TIP X-SECTION



DISCUSSION:

- The EXO ends file is comparatively favorable for rotation to failure and peak torque at failure.

SEMs are provided by Dr. Franklin Garcia-Godoy, Professor and Senior Executive Associate Dean for Research Director, Bioscience Research Center University of Tennessee Health Science Center

TIP

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