USER MANUAL

T-ENDO MUST NICKEL TITANIUM
ROOT CANAL FILE

1. PRODUCT INFORMATION
Only for use in professional dentistry. A dental instrument used for creating
an entrance to root canal and expanding and cleaning the space at part of
root canal from apical to coronal.

2. PACKING
• T-endo MUST files are offered in sterile packages in blisters of 4.
• Produced in 4 different widths as tg (13/04) – m25 (25/06) – m40
(40/04) and m50 (50/04).
• Product shelf life is 3 years.

3. USE
It is used by attaching to tip of endodontic engines (WOODPECKER AI MO-
TOR, VDW GOLD RECIPROC, DENTSTPLY XSMART, etc.) that move reciprocal
counterclockwise or reciprocal endodontic angle drives for cleaning and
shaping canals of canal treatment patients.

4. INDICATIONS
T-endo MUST files are used for expanding and shaping and mechanical
cleaning of root canals during root canal treatment.

5. CONTRAINDICATIONS
T-endo MUST files do not have any known contraindication.

6. WARNINGS
• T-endo MUST files are sterile. Do not use products with damaged pack-
age or opened because their sterilization is lost. T-endo MUST files are
produced only for dentists, suitable for professional use.
• T-endo MUST files cut counterclockwise, for this reason T-endo files
must be used with torque controlled endodontic engines that recipro-
cate counterclockwise and at angles not equal to clockwise.
• During root canal shaping procedure, grooves on T-endo MUST files
must be constantly cleaned. Do not use files again if you see any de-
formation on any file. Files are suitable up to three uses (at < 10° curved
canals). Avoid excessive use.
• Ideal speed so that T-endo MUST files can make appropriate root canal
expansion is 300 rpm.
• Ideal rotation angle so that T-endo MUST files can make appropriate
root canal expansion is 160 degrees counterclockwise and 40 degrees
clockwise.
• T-endo MUST files should be used with light apical pressure; extreme
pressure should not be applied towards apical.
• T-endo MUST files should be used carefully at root canals showing
double curvature and having sudden branching inside.
• For your own safety, use protective equipment such as gloves, mask
and googles during use of T-endo files.

6. INSTRUCTIONS FOR APPLICATION
• A glide path should be created with T-endo MUST tg files.
• T-endo MUST files should be used with 2 mm pecking motion, down-
ward and upward.
• T-endo MUST files should be made to cut by squeezing into root canals
passively.
• In case of any deformation during use of T-endo MUST files, they
should not continue to be used for root canal shaping procedure, they
should be replaced immediately.
• During root canal shaping procedure, when T-endo MUST files are
removed from root canal, root canals should be irrigated abundantly.

7. STORAGE CONDITIONS
Files should be stored between 10 and 20 centigrade degrees.

8. STERILIZATION AND DISINFECTON
Files are in sterile blisters. If no deformation is seen after use, files may
be used by sterilizing at 134 centigrade degrees for 4 minutes at steam
sterilization. Use and sterilization of deformed files with diminished cutting
efficiency or used more than three times is not recommended.

9. SYMBOLS

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<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>📆</td>
<td>Use by date</td>
</tr>
<tr>
<td>🛠️</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>📕</td>
<td>Refer to instruction of use</td>
</tr>
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<td>🔄</td>
<td>Lot number</td>
</tr>
<tr>
<td>🎈</td>
<td>Asorti blister</td>
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<td>Asorti blister</td>
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<td>Sterilized</td>
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<td>♂</td>
<td>Do not use if the package is damaged</td>
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<tr>
<td>🥵</td>
<td>Temperature indicator</td>
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<td>⚠️</td>
<td>Caution</td>
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