



# O files (Retreatment file)

## 1. Specifications

Model: D1,D2,D3

Length: 16mm, 18mm, 22mm

## 2. Material: NiTi alloy

3. Processing Technology: Max processing technology different from traditional one.

## 4. Advantages:

- excellent cutting efficiency
- Easy to use
- long fatigue life

## 5. Recommend Speed and Torque

Model	Speed(RPM) for Gutta percha	Speed(RPM) for Obturators based on Zinc oxide eugenol
D1	500rpm	250-300rpm
D2	500rpm	250-300rpm
D3	500rpm	250-300rpm

## 6. Motion: continuous rotation

## 7. Package: plastic box or blister package

6pcs/box, 6pcs/blister

## 8. Sequence:

- Build an appropriate hold using a small size hand use stainless steel files by to ultrasonic instruments or heat carrier.
- Press the file D1 into the filling materials with gentle force.
- Use file D1 for coronal filling materials removal
- Take D2 for middle filling materials removal
- Get D3 for apical filling materials removal
- Use a hand use file with a solvent to remove filling materials from apical part when encountering intricate anatomy.



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- **Check flutes.**
- **Continue and finish till the blade without filling materials.**

**9. Technique tips:**

- **X-ray is necessary before retreatment;**
- **Analysis the root canal carefully;**
- **Obtain straight line access to the canal;**
- **Heat will be helpful for filling materials removal;**
- **Inspect the blade and clean frequently;**
- **Re-treatment file is suggested for single use.**