

UDG Hand Files

FOR DENTAL USE ONLY

DIRECTIONS FOR USE - UDG Hand File instrument

1) REFERENCES

Description	Type	19mm	21mm	25mm	28mm	31mm
UDG Hand K-File	06-80		●	●	●	●
UDG Hand Hedstroem-File	06-80		●	●	●	●
UDG Hand C-File	06-15	●	●	●		
UDG Hand Reamer-File	06-80		●	●	●	●
UDG CC-Finder	04.5,06,08,10		●	●		

2) INDICATIONS FOR USE

UDG Hand Files instruments are intended to be used in endodontic treatment for preparation and shaping of the root canal. These products are sold non-sterile and may be reprocessed for multi-usage following reprocessing instructions available on UDG website.

These instruments have to be used only in a clinical or hospital environment, by qualified users, following good dental practices (using gloves, glasses, rubber dam...).

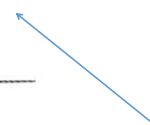
3) COMPOSITION

The active part of these instruments is made of Stainless Steel and carries a silicone stop for limiting the depth of root canal preparation. Handles are made of Plastic.

Handle in Plastic



Silicone stop



Active part in Stainless Steel

UDG Hand K-file

4) CONTRAINDICATIONS

UDG Hand file instruments contain stainless steel and silicone. These products should not be used for patients with known allergic sensitivity to these raw materials.

5) WARNINGS Do not use if packaging seal is broken.

In order to prevent infectious agent transfer it is highly recommended to use rubber dam system during the endodontic procedure.

UDG Hand file instruments are provided sterile and do not require any specific treatment before the first use, but have to follow the adequate reprocessing procedure for all subsequent use. It is under responsibility of the practionner to check its instruments before each use to identify eventually signs of defects. In any case, we recommend not exceeding the following maximum number of uses for UDG Hand file instruments

Type of canal	Stainless Steel instruments with a diameter \leq ISO 015	Stainless Steel instruments with a diameter $>$ ISO 015
Extremely curved ($>30^\circ$) or S-shaped canals	1 canal max.	2 canals max.
Moderately curved canals (10° to 30°)	1 canal max.	4 canals max.
Slightly curved ($<10^\circ$) or straight canals	1 canal max.	8 canals max.

6) PRECAUTIONS

- UDG Hand file instruments are sold non-sterile and are multi-usage following reprocessing instructions available on UDG website.
- Clean flutes frequently and check for signs of distortion or wear.
- Irrigate abundantly and frequently after removing UDG Hand file instruments from a canal.

7) ADVERSE REACTIONS None known.

8) STEP-BY-STEP INSTRUCTIONS

Radiographic evaluation Review different horizontally angulated radiographs to diagnostically determine the width, length and curvature of any given root canal.

Access preparation:

- 1) Prepare coronal pre-enlargement and straight line access to canal orifice.
- 2) Explore the canal using small-sized UDG Hand files to establish final working length (in combination with radiographic verification and/or apex locator), confirm patency and verify the glide path. Irrigate abundantly and frequently.
- 3) If necessary, expand the glide path using small-sized hand files.
- 4) Enlarge the apical canal area with small size UDG Hand files with frequent and copious irrigation until size 025.
- 5) Gauge the foramen with a UDG Hand file size 025. If this file is snug at length, the canal is ready for shaping with the step back technic. If the file 025 is loose at length, use larger UDG Hand files till the corresponding size is snug.
- 6) Proceed with the step back technic for shaping by decreasing working length according to the desired final taper (0.5 to 1 mm increments with each larger file size used).
- 7) A frequent verification is recommended with small size UDG Hand K-File in order to prevent any blockage. Irrigate abundantly while shaping the canal

9) CONDITIONS AND TERM OF STORAGE, SHELF-LIFE

The shelf-life is 5 years. Expiry date is indicated on the packaging. Check the packaging before using the instruments (integrity of the packaging ...). No specific storage conditions are required

10) DESINFECTION, CLEANING AND STERILIZATION

UDG Hand file products are sold non-sterile and may be reprocessed for multi-usage following reprocessing instructions available on UDG website.

Manufacturer

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