

AACD: 3D Print Your Heart Out

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Online Ordering

Polishing Technique for Restoratives

Once the printed restoration is post-cured, the next step would be finishing and polishing of the restoration. This is the final phase before delivering the restoration.

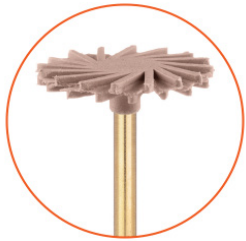
The below steps will result in a beautifully polished and finished restoration:



Step 1: Smoothing the Restoration

Start by using a pink abrasive or a fine carbide lab bur to grind down the remaining sprues from the support-removal step and to smooth out the restoration. The pink abrasive or carbide bur are used at a low speed (about 3,000 to 4,000 rpm).

What You Need: Meisinger Pink Abrasive, Item # 9734G-040-HP-P **OR** Meisinger Carbide Bur, Item # HM139FX-023-HP



Step 2: Pre-Polish

Use a medium grit polisher, with a light and consistent pressure at 7,000-10,000 rpm, on all surfaces of the restoration (except the intaglio surface).

What You Need: Meisinger Pink Twist Polisher, Item # 9769M-170-HP

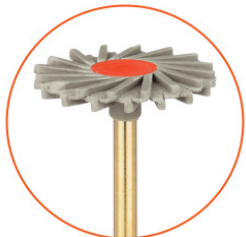


Step 3: Polish

Use a fine grit polisher, with a light and consistent pressure at 7,000-10,000 rpm, on all surfaces of the restoration (except the intaglio surface).

Skip this step when polishing ceramic content resins.

What You Need: Meisinger Beige Twist Polisher, Item # 9769F-170-HP



Step 4: High-Shine

Use an extra-fine grit polisher, with a light and consistent pressure at 10,000 rpm, on all surfaces of the restoration (except the intaglio surface).

What You Need: Meisinger Brown Twist Polisher, Item # 9790-170-HP



Step 5: High-Gloss

This is the final step, and it provides the restoration with a high-gloss finish. Use a cotton buff wheel and fine polishing compound, with a consistent pressure, on all surfaces of the restoration (except the intaglio surface).

What You Need:

- Meisinger Brown Twist Polisher, Item # 150-220-HP
- Hatho Polistar Pink bar, Keystone Item # 1670546

Step 6: Cleaning and Disinfecting

Before trying the restoration in the patient's mouth, clean it, preferably with a steamer, followed by dish soap and a toothbrush.