

Routing points for LG®/Transolid® 1612 and 1914 lavatory bowls

In the last year, Transolid® has received some feedback from fabricators about our lavatory bowl bits. We have spent several months analyzing the data and determining the best approach to address these issues.

The main issue fabricators have mentioned is that the lavatory bowl bits are not routing enough of the bowls/flash that they should be. After analyzing many bowls, we agree.

The source of the problem is in the finishing of the bowls at the plant. Depending on what sanding is required of each bowl after demolding, our sanders have done their best to produce the best looking bowl in the marketplace. While this goal was being achieved, some aggressive sanding near the rim altered the routing angle.

To address this issue, we are taking the following actions:

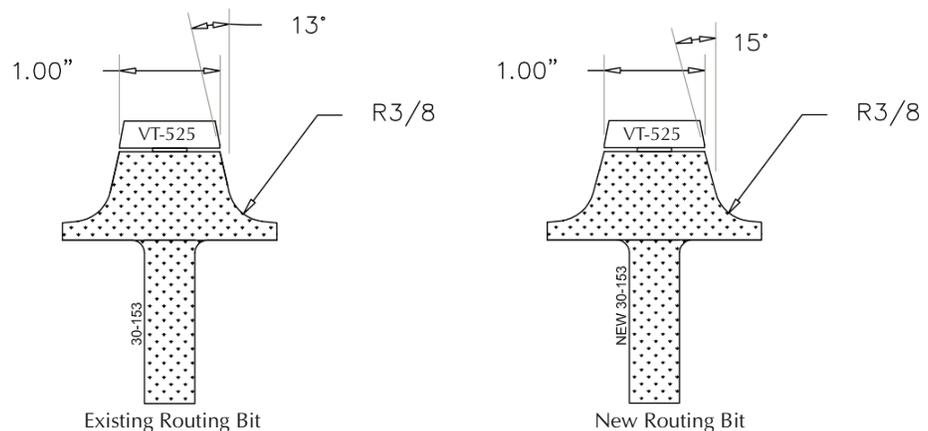
1. At the plant level, we will minimize the sanding right at the edge*. Meanwhile, we will continue to produce the most attractive bowls in the marketplace while better maintaining the proper angle at the top of the bowl.
2. Velepec has teamed with Transolid® to develop an additional solution. Velepec is adding 2 degrees to the 30-153 (changing from 13 degrees to 15 degrees). These extra 2 degrees are an excellent compromise for reducing more flash around the bowl, while not taking too much. (If too much is routed, more sanding will always be required.) With the 15 degree bit, the bowls that were sanded properly at the plant will leave a minimal amount of sanding for the fabricator. In addition, the few bowls that have been more aggressively sanded at the plant will be much easier for the fabricator to sand.
3. For bits that have been face sharpened, an additional 15/16" (.950") diameter bearing is available. We recommend replacing the VT-525 with the VT-195 after one or two sharpenings. The VT-195 is a stock bearing available through your local distributor (list price is \$20.00). While this approach leaves a little ledge sometimes (depending upon how much of the face of the carbide has been removed) the sanding is easier than any overhang or flash.
Tip: Some sharpeners will turn the velvet touch bearing to a smaller diameter to match the cutting surface if requested for better routing and sharpening.

* While sanding will be minimized, occasionally some aggressive sanding will be required in small, isolated areas to remove small molding defects. The new and improved angle on the router bit will aid in fabrication.

The net result is that these solutions will give fabricators a much easier time in the shop, saving time and money.

Thank you,

Jeff Smith
Transolid, Inc.
Product Manager
Tel (800) 660-7660
jsmith@transolid.com



Starting here changes everything.