

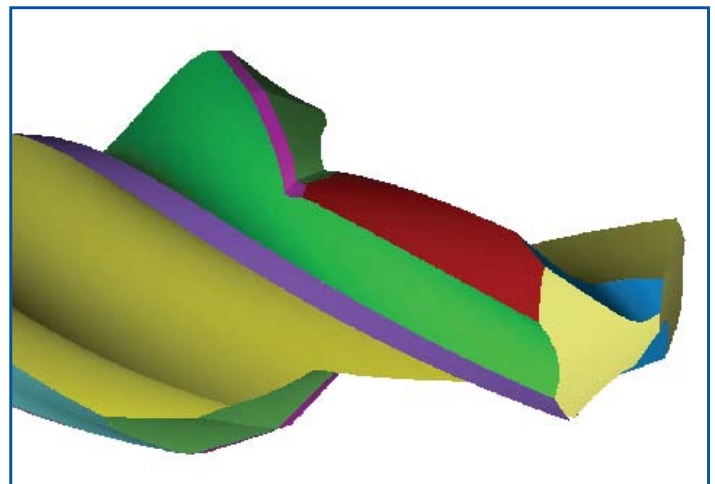
INFO

October 2008
Step Tool Wizard

Tool Studio now offers step tool wizardry

Our latest version of Tool Studio makes it easy to create even complex step tools:

- A “wizard” guides you through set-up with simple questions. It pulls standard geometries, wheel shapes, and feeds & speeds from our knowledge database. Stop there or click to edit any feature to create your own specials
- Combine four standard step options any way you like on the same step tool!
 - Primary/Secondary Clearance
 - Axial/Radial Clearance
 - Facetted Relief
 - Cam Relief
- Integrate endface geometries like:
 - Standard & facet drill points
 - Center-point drills
 - Square, corner radius, and ballnose endmills



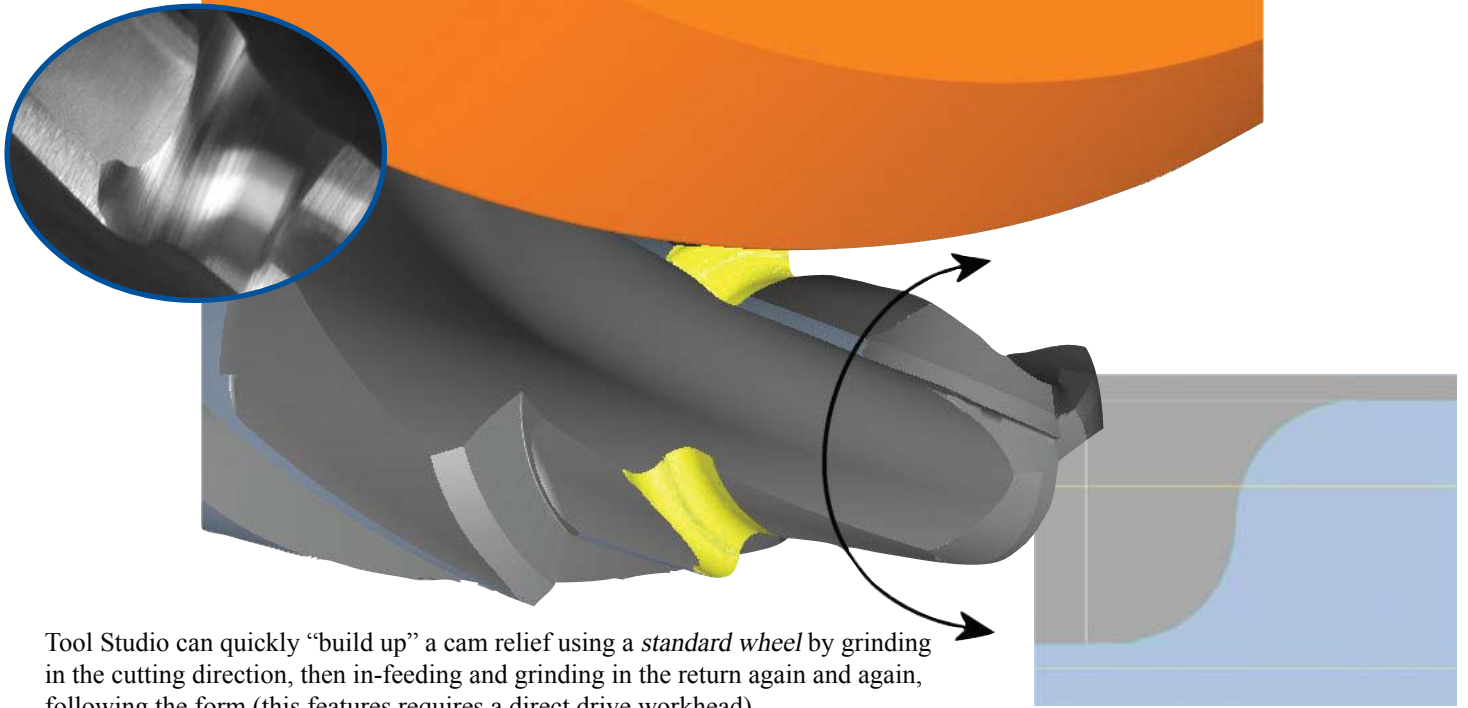
Multiple subland flutes is one of several fluting options available in Tool Studio

Over for more



WALTER

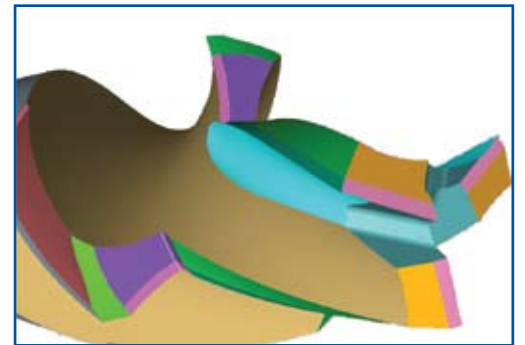
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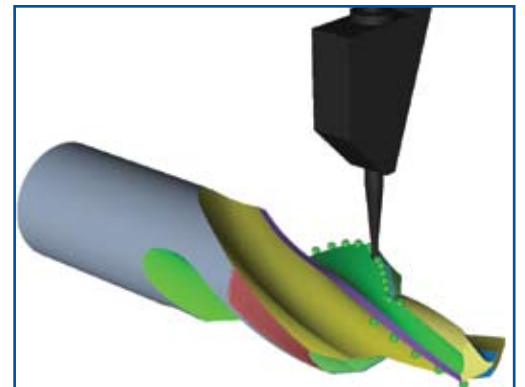
Tool Studio can quickly “build up” a cam relief using a *standard wheel* by grinding in the cutting direction, then in-feeding and grinding in the return again and again, following the form (this features requires a direct drive workhead).

There’s more...

- Generate a cam relief using a *standard wheel*, eliminating the expense of different wheels for each form. Without Tool Studio, you might even need different wheels to generate the *same* form with a different helix
- Multiple fluting options include:
 - Separate flutes per step with blending
 - Multiple subland flutes
 - Axial gash flutes
- Import DXF profiles, with automatic detection of steps, diameters, and end faces
- Probe and digitize the profile for precise regrinding



Separate flutes with blending is another option



Probe & digitize profile for precise regrinding



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