

CNC Broach Tools Adds New Spline Programming Options to G Code Program Generator

New functionality expands the existing keyway generator with programming support for CNC spline broaching applications

Laguna Beach, California Jul 8, 2026 ([IssueWire.com](https://www.issuewire.com)) - CNC Broach Tools has added new spline programming options to its online G Code Program Generator, giving machine shops another resource for preparing CNC broaching programs.

The new spline functionality is integrated into the existing Keyway G Code Program Generator as a more complex programming option. This expansion allows users to generate the repeated cutting and indexing movements required for spline broaching applications on CNC lathes and mills.

Spline programming can involve a significant amount of repetitive code. Each spline tooth may require multiple cutting passes, followed by indexing before the process begins again at the next position. The number of movements required can make manual programming a time-consuming part of preparing a spline broaching operation.

The newly added option is designed to simplify that process. Users enter the relevant information for their machine, tooling, spline, and cutting parameters. The generator then creates a downloadable G Code program based on the information provided.

The new functionality supports both CNC lathe and mill applications, as well as inch and metric programming. Users can select the appropriate CNC Broach Tools holder, choose their preferred program format, and enter the information required for their individual spline application.

By handling the repeated cutting and indexing movements, the generator can reduce the amount of code that must be created manually. It also gives shops a structured starting point that can be reviewed and adjusted for the machine, control, tooling, workholding, and application.

The spline programming option builds on CNC Broach Tools' existing online keyway programming resource. Rather than creating a separate platform, the company integrated the advanced spline option into the generator shops may already use for keyway broaching programs.

The expansion reflects CNC Broach Tools' continued focus on providing practical resources for manufacturers that perform broaching operations directly on CNC equipment. In addition to supplying inserted carbide broaching tools, the company provides programming information, application support, speed and feed guidance, sample programs, and tool drawings.

The programming code used to build the CNC Broach Tools G Code Program Generator is proprietary and patent pending.

All generated G Code must be reviewed, simulated, and safely proven out before it is used on a physical machine. Users are responsible for confirming that the program is appropriate for their specific machine, control, purchased machine options, tooling, workholding, and application.

The Keyway G Code Program Generator with newly added spline programming options is available through the CNC Broach Tools website.

About CNC Broach Tools

CNC Broach Tools provides inserted carbide tooling for broaching keyways, splines, serrations, and special profiles on CNC lathes and mills. Its tooling helps manufacturers complete broaching operations on existing CNC equipment rather than moving parts to a separate keyseater, EDM, pull broach machine, or outside broaching supplier.

The company offers standard keyway broach holders and inserts, custom spline inserts, programming resources, technical guidance, and tooling for blind and through broaching applications. CNC Broach Tools sells directly to end users to provide application support and help customers select tooling for their machining requirements.

Media Contact

CNC BROACH TOOL LLC

*****@cncbroachtools.com

877-248-1631

Laguna Beach, California

<https://cncbroachtools.com>

Source : CNC BROACH TOOL LLC

[See on IssueWire](#)