

CNC Broach Tools Announces Defense-Ready COTS CNC Broaching Solution for Rapid Procurement

Laguna Beach, California May 6, 2026 ([IssueWire.com](https://www.IssueWire.com)) - Media Contact:

CNC Broach Tool LLC

Email: sales@cncbroachtools.com

Phone: 877-248-1631

Website: <https://cncbroachtools.com>

CNC Broach Tools Announces Defense-Ready COTS CNC Broaching Solution for Rapid Procurement

CNC Broach Tool LLC, a U.S.-based manufacturer of patented indexable carbide broaching systems, with manufacturing operations in Phoenix, Arizona, today announced its Defense COTS CNC broaching solution. Designed to support rapid procurement and immediate deployment, the solution enables military machine shops, defense supply chains, and prime contractors to perform internal keyway and involute spline machining directly on standard CNC lathes and mills.

As a fully COTS offering, CNC Broach Tools' systems allow procurement officers to bypass extended National Stock Number (NSN) assignment timelines. Instead, they can utilize streamlined acquisition pathways, including Government Purchase Cards (GPCs) and micro-purchase thresholds. This direct-to-end-user model supports faster transactional procurement and eliminates reliance on third-party distribution, improving responsiveness for mission-critical operations.

The tooling platform is engineered to address Maintenance, Repair, and Overhaul (MRO) bottlenecks. Applications include rapid component machining within Naval Sea Systems and the Submarine Industrial Base (SIB), ground vehicle reset and modernization within the Army Organic Industrial Base (OIB), and reverse engineering of legacy aircraft components within Air Force Air Logistics Complexes (ALCs). By enabling in-house machining, the system reduces dependency on outsourced processes and mitigates delays associated with Diminishing Manufacturing Sources and Material Shortages (DMSMS).

At the core of the solution is a single-operation CNC broaching capability that eliminates the need for secondary processes such as wire EDM or dedicated, legacy broaching machines. This approach compresses production timelines while improving consistency. CNC Broach Tools also provides specialized reverse engineering services for undocumented or legacy spline geometries, delivering complete Technical Data Package (TDP) support through high-precision measurement, DXF generation, and 3D modeling.

To support immediate implementation, CNC Broach Tools offers a suite of digital resources, including free online G-code generators and the CNC Machinist Calculator Ultra mobile application. These tools enable machinists to quickly program standard CNC equipment for complex spline and keyway geometries, reducing setup time at the point of need.

CNC Broach Tools' defense-focused offering is defined by several key differentiators, including 100% U.S.-based manufacturing, patented tool geometry (US Patent #8,622,669,B2), and same-day or next-day availability for stocked tooling. The compact system design also supports expeditionary environments, enabling forward-deployed machine shops to perform critical repairs without increasing

the logistical footprint.

The company is registered as a Small Business and Non-Traditional Defense Contractor (NDC) and is equipped to support DPAS-rated orders. CNC Broach Tool LLC holds CAGE Code 18VW5, operates under NAICS code 333515, and provides products aligned with Product Service Code (PSC) 3455.

CNC Broach Tools' systems are actively deployed across U.S. military arsenals, naval shipyards, national laboratories, and leading aerospace contractors, supporting a wide range of defense manufacturing and sustainment operations.

About CNC Broach Tool LLC

CNC Broach Tool LLC is a U.S.-based manufacturer of patented, indexable carbide broaching systems designed for CNC lathes and mills. The company provides advanced machining solutions that enable single-operation production of keyways and splines, helping manufacturers improve efficiency, reduce lead times, and maintain precision across demanding applications. CNC Broach Tools serves the defense, aerospace, and industrial sectors with a focus on performance, reliability, and American-made quality.

Media Contact

CNC BROACH TOOL LLC

*****@cncbroachtools.com

<https://cncbroachtools.com>

Source : CNC BROACH TOOL LLC

[See on IssueWire](#)