

## **Product Development Engineer**

Make it Cool....Make it Solid....Make it Happen!!

**Benchmade Knife Company** is a world leader in the design, manufacture and sales of hand-held specialty folding and fixed blade cutlery for the outdoor sports, military, police, and collector markets. We are committed to innovation, performance, and the highest standards of quality. Everyday, around the globe, sportsmen and professionals alike rely on **Benchmade** products to get the job done. Our state of the art facility and headquarters is located in Oregon City, 30 minutes from downtown Portland, OR.

Our 150 employees are continuously developing new mechanisms and processes to keep us ahead of the competition. From design concept to first production, we take great pride in delivering new products into the market within an aggressive development window while holding every product that comes out of **Benchmade's** factory to the highest standards.

Benchmade Engineers are continuously developing new mechanisms and processes to keep us ahead of the competition. From design concept to first production, Benchmade takes great pride in delivering new products into the market within an aggressive development window while holding every product that comes out of Benchmade's factory to the highest standards. We utilize top notch engineering software like Pro Engineer Wildfire, Windchill PDM Link, Windchill Project Link, along with our 3D SLA rapid prototype machine to quickly produce working prototypes.

Our growth has created this tremendous opportunity for us to add another Product Development Engineer. Share responsibility for new product design and improvements of existing products, while collaborating with our Custom Knife Makers, Manufacturing, Marketing, and OEM customers to meet new product introduction timelines, cost targets and customer designs. Design knife components in 3D using Pro/Engineer, create 2D prints to ASME Y14.5M-1994 standards, document design evaluations, including complete tolerance stack up analysis, spring calculations for fatigue and force, static force analysis, kinematic motion, stress and strain analysis. Assist in creating DOE (Design of Experiments) to justify design decisions.

The ideal candidate will have current experience establishing early project costing and margin estimates, and have demonstrated ability to provide regular status updates to the team, and peers across the organization.

Additional Requirements:

- Bachelor's degree in Mechanical, Manufacturing, or related engineering discipline.
- 3 year progressively responsible product development engineering (consumer products preferred).
- 2+ years CAD experience; demonstrated skill with pro/Engineer highly preferred, with working knowledge of: skeleton modeling, external copy geometry features, advanced surfacing, ISDX, analysis features, assembly management, search paths, family tables, User Defined features, Config.pro and Config.sup, drafting, and GDT.
- Working knowledge of the following manufacturing methods: milling, forming, stamping, fine blanking, injection molding, grinding (surface and bevel), vibratory finishing, laser cutting, heat treatment, and laser marking.
- Familiarity with tactical weapons and terminology a plus.
- Knowledge of Lean manufacturing principles and continuous improvement a plus.
- Excellent written, verbal, organizational, interpersonal and team skills.

Does this sound just like you? This is an exciting time to be part of a company that values exceptional customer interface and relationship building at all levels and is on the cusp of even greater success. Interested candidates please complete our application process on line at [www.benchmade.com](http://www.benchmade.com) . Be sure to attach your resume and a cover letter.

**Benchmade Knife Company** values diversity in its work force and is committed to Equal Employment Opportunity, Affirmative Action, and compliance with the Americans with Disabilities Act