

Solving Problems through Conical Forming

Are you ready to move beyond riveting, welding and other outdated joining methods?

Call us today at (810) 364-4567 or email us at sales@btmcorp.com to see how we can CLINCH cost-savings for your company!



A major manufacturer came to BTM with a critical issue that our engineers easily solved. They needed to combine a pierced hole with a conical form that was deep enough to allow a mounting screw to sit flush with the surface of the part.

When using mild steel the process is very easy but with hard, thin aluminum which they were using, it is much more difficult, nearly impossible according to the Company's Finite Element Analysis (FEA). The results of the testing showed cracks, poor quality holes, and screws that were not flush. It looked as if a costly product re-design would be necessary.

BTM engineers shared a creative and unconventional idea to solve the problem and the customer saw the potential. With immediate approval, the BTM engineers moved forward developing a solution to overcome the challenges, and meet the customer's requirements. As a result, both the form and the hole were smooth and clean, and the mounting screw sat flush with the surface material.

This customized BTM solution saved the customer from a costly redesign and allowed production on the project to proceed.

WHY BTM COMPANY

At BTM, we have **P.R.I.D.E.** We are:
Principled; we do the right thing.
Respectful; treat people the way they want to be treated.
Innovative; we are forward thinkers.
Disciplined; we have the will to win.
Engaged; we inspire others.

Our attitude is based on the belief that an impossible task is simply a challenge that hasn't found a solution yet. After all, nothing is possible until it is.

PARTNERING WITH BTM

When you partner with BTM, you work with a core team of BTM engineers who will conduct in-depth research, provide samples and test results. Our engineers have been customizing effective solutions for over 50 years, and solving some of the most difficult challenges

Give us a call or send us an email today so that we can explore solutions for your unique production challenges together!