

# Ball stamping bolt

Easier and smarter fastening  
than welding and screwing



New ultra-strength fasteners from Nedschroef have been developed to meet the need for faster, easier fastening - without sacrificing on quality, reliability and durability. The ball stamping bolt can be applied without having to punch a hole first and the resulting connection can be just as strong as a welded or screwed solution.

Compared to competitive products, the fastening process requires considerably less time. For the customer, this method brings a reliable, low cost process for movable fixation of bolt and counterpart. By entering parameters such as material, thickness and forces, the optimum assembly can be determined for each application.

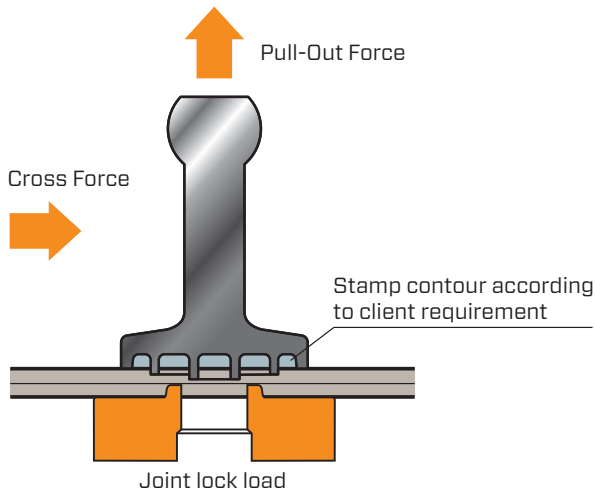
## FIELD OF APPLICATION

This fastening element is ideal for movable connections with high cross forces and pull-out forces. Different materials may be combined. Typical applications include convertible roof hinges and fixing of dampers for tailgates and bonnets, as well as fixing interior trim parts. Furthermore, there are ample opportunities to use the ball stamping bolt in other business areas.

Nedschroef offers the integrated production of ball stamping bolts and sheet metal parts, design and systems engineering capacity required to create bespoke solutions for even the most specific and demanding requirements at an attractive price point. Our engineers are ready to work together with you to create the ideal solution for your own application...

For more information: [www.nedschroef.com](http://www.nedschroef.com)

## FASTER AND EASIER FASTENING



*The Ball Stamping Bolt is a unique fastening element for movable connections with high cross forces and pull-out forces.*

### DIMENSIONS

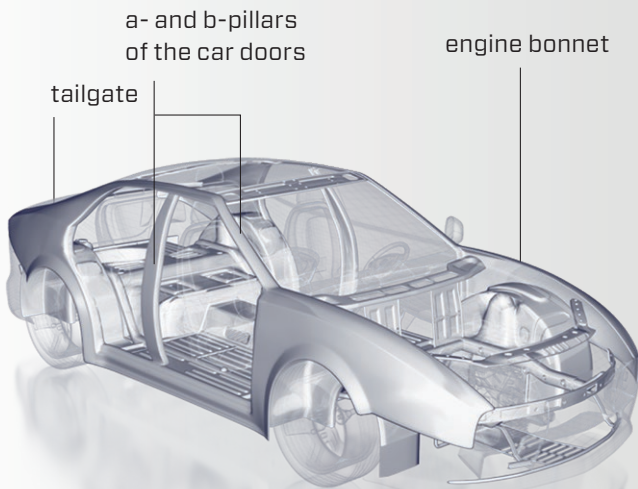
The dimensions of a ball stamping bolt are mainly driven by the customer requirements. This solution is available in a variety of sizes, allowing it to be perfectly adapted for every specific need and production process.

### PROPERTIES

- Fastening element for movable connections
- No need to punch hole before application
- As strong as traditional welding or screwing
- Resistant to high cross forces and pull-out forces
- Combinations of different materials possible

### ADVANTAGES

- Quicker, easier fastening
- Less process time than clinching, 'traditional' welding or screwing
- Reliable, low cost process
- Standard assembly methods and equipment
- Determination of optimum assembly level for many applications
- Possible repair solutions



Body in White

Follow us:



*For more than 130 years, Koninklijke Nedschroef Holding B.V. has developed, manufactured and supplied fasteners and special parts for the automotive industry. In addition, we design and produce superior forming machines and tools for the metal forming industry. Nedschroef delivers world-class services and innovative, cost-effective solutions. Our expanding global operations offer everything from product design and development to delivery, installation and service, supported by a vast global partner network. 2,400 people at 22 facilities in 11 countries worldwide are committed to our Full Service Provision concept.*