

Problem

JNDC identified a solution to a problem experienced in automated wing assembly, where no fastener had been designed specifically for robotic systems to fully automate production

Development

JNDC developed their designs and manufactured a series of prototypes, which were fully tested to validate the initial FEA and stress calculations. The design has been rapid manufactured in Maraging steel with the intention of the final design being metal injection moulded.

Solution

Quickbolt is a revolutionary patented fastener system that allows for a quick automated fastening: increasing quality and production speed, while reducing the labour and assembly costs for the end user.

