

# Defence

At Clyde Fasteners we understand that having the ability to manufacture bolts and high tensile fasteners to the strict parameters set by the Defence Department is only one part of the equation.

Which is why significant investment has been made to satisfy the supply chain, Full lot traceability, material & manufacturing certificate Clyde Fasteners Limited approvals.

## Typical finishes:

- Self Colour
- Zinc Plated
- Galvanised
- Sheraplex
- Rilsan Coated
- Delta Tone
- Zinc & Olive Drab
- Aluminised

# The trust shown in Clyde Fasteners by defence equipment manufacturers in providing bolts for tank tracks has been earned over years of reliable supply and proven quality.

Our QM system operates and complies with the standard set, audited and registered by BSI. Traceability is applied from raw material through the full cycle of forging, machining, thread rolling, heat treatment and testing to the batch number that follows product through our gates. Safety Critical records are retained & catalogued to our customers required time frame.

Unique Stamping of product is achieved using our micro percussion as well as forging marking systems.

## Certification

- Material Inspection Certificates comply with BS EN 10204/DIN 50049 (including 3.1.B and 3.1.C certification. Documents for SPC, FMEA, ISIR & PPAP certification can also be provided for Automotive Industry parts.
- Our Computerised Gauge Control & Calibration System includes Gauge R & R studies.
- Our Product head markings are registered with the European Industrial Fastener Institute (EIFI), US FQA and the US Defence Supply Centre Philadelphia (DSCP).
- Destructive & Non Destructive testing can be certificated and include third party witness of testing by Lloyds, DNV, ABS independent authorities.

## Testing capabilities

- Tensile & Wedge Testing
- Proof Load Testing
- Charpy Impact Testing
- Impact Load
- Rockwell & Brinell Hardness Testing
- Thread System 22
- Ultrasonic Inspection
- M.P.I Crack Detection
- P.M.I
- Microstructure Examinations

Call our technical desk on  
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