

# Introduction



**A**lcoa Fastening Systems' (AFS) Recoil manufacturing operations are located in Australia, with sales and warehouse facilities strategically located in North America, Asia, and Europe. Extensive worldwide distribution, coupled with the company's manufacturing strategy, offers significant advantages to end users.

Alcoa Fastening Systems ensures a global consistency of quality design standards in manufacturing the full range of wire thread inserts in one production facility. Users around the world can be assured of high standards and the consistency of all AFS products.

Inserts are manufactured in standard sizes for all metric and inch thread forms. A comprehensive design facility is available to ensure that non-standard inserts can be manufactured for special part requirements.

Prompt availability of products to customers worldwide is ensured by an efficient international freight service and a network of stocking distributors.

Alcoa Fastening Systems is committed to the highest quality products and operating systems and employs a strict quality management system in accordance with:

- AS9100 accreditation
- ISO9001 accreditation
- QS9000 accreditation
- Society of British Aerospace Companies (SBAC) TS 157 approval
- Civil Aviation Authority Australia
- Ford Q1

High quality standards demand that every batch of inserts is subjected to multiple visual, dimensional, and functional checks at predetermined intervals throughout the production process, using the latest high-precision test equipment.

Alcoa Fastening Systems will provide technical assistance to production engineers so that optimum installation efficiency can be achieved and maintained. Recoil brand coils are manufactured to the following capability standards:

- NASM122076 Series - Free Running - UNC
- NASM124651 Series - Free Running - UNF
- NASM21209 Series - Locking
- NASM8846

BS7751 - Metric - Coarse

BS7752 - Metric - Fine

BS7753

BS 4377

MA3279, MA3280, MA3281 - Metric - Free Running

MA3329, MA3330, MA3331 - Metric - Self Locking

AS6733 Series - UNF - Unplated

AS8455 Series - UNF - Cadmium Plated

AGS3600 Series - UNF - Cad. Plated - Self Locking

AGS3700 Series - Nimonic Alloy 90 - Self Locking

General Electric - C981, N926 Series

LN 9499, LN 9039

DIN 8140

