



# Fastening Systems for Agricultural Vehicles and Machinery



Harvest the Benefits

**Howmet Fastening Systems (HFS)** manufactures a range providing strong joints and fastening for your product and can offer you permanent lock-bolts, re-usable locking nuts, easy-access quick release fasteners and latches all with the promise of HFS quality. The HFS product range is particularly suited to applications where movement and vibration may be an issue and are therefore suited for use in agricultural vehicles and machinery.

## Small Vehicles



The vibration-resistant and high-strength locking features of the HFS range of fasteners makes them particularly useful in tractors both large and small. Typical applications include the chassis, cab frame, seats, maintenance / access panels and wheel nuts.

## Large Vehicles



The HFS range is also well suited for use in towed equipment such as ploughs, planters, air-drills, balers, tillers and rotary cutters. Typical applications include frame / chassis joints, blades etc.



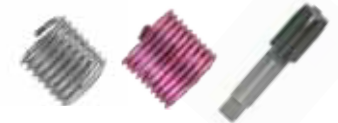
The Huck range of fasteners includes structural bolting systems such as lock-bolts and blind rivets along with the associated installation tooling. Huck fasteners provide permanent, structural systems for metal joints. Installation tooling systems are used to lock the fasteners into place making them tamperproof and extremely vibration resistant.

[www.hfsindustrial.com](http://www.hfsindustrial.com)



The Camloc range of fasteners includes an extensive range of quick release fasteners, tension latches and door locks, hinges and handles. Camloc products provide exceptionally strong and reliable fastening of panels, doors and hatches which need to be regularly removed and re-attached such as maintenance panels or access hatches.

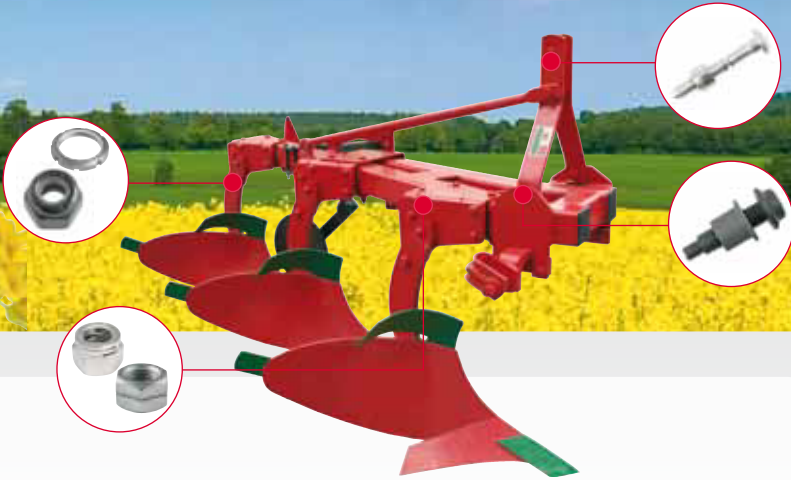
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The Recoil range of fasteners allows you to create strong new threads in softer materials such as aluminium providing greater hold for bolts and screws by spreading the distribution of the load. Included in the range are standard and locking wire thread inserts, tangless inserts, and the associated installation tooling systems. Recoil is typically used in metal castings to provide stronger threads.

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## Field Machinery



The HFS range extends to both mobile and permanent storage structures as well such as grain silos. Our products can assist you in ground-level or elevated storage structures from the smallest to the largest. Typical applications include the structural frame and maintenance panels / access hatches.

## Storage



The HFS fastener range also includes fasteners suitable for use in larger agricultural vehicles and other structures as well as grain silos. Typical applications include the chassis, cab frame and maintenance & access panelling.



The Simmonds standard range of nuts is based around the original Nylstop self-locking nut, renowned for its performance and reliability. Following large scale investment, Simmonds have evolved their capability to include production of innovative, high-precision bespoke nuts, cold forged specials and high precision screw machined parts, all available in a wide range of materials and coatings.

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The SNEP range of products began with the single-slotted self locking nut which utilizes a slot in the nut to provide a locking effect on the bolt. The range has expanded to include double-slotted locking nuts or turret nuts as well as an extensive array of special nuts, each with its own unique features. SNEP is also able to offer highly specialized manufacturing capabilities for made-to-drawing parts.

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The Marson range of fasteners perfectly complements our Huck range and includes non-structural blind rivets in a wide range of materials and sizes and rivet installation tooling systems. More recently, plastic rivets and the associated tooling have also been added to the range. Marson also offers rivet nuts and the installation tooling.

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# Howmett Fastening Systems

Fastening solutions for agricultural machinery

**Howmett Fastening Systems (HFS)** was established in 2002 with the intention of providing a complete range of robust fastening solutions for a wide range of manufacturers in the agricultural machinery industry and more.

The HFS product range currently offers the greatest breadth and depth of fastening solutions available including: self-locking nuts, quick-release fasteners, draw latches, door access systems, wire thread and solid inserts, lock-bolts & structural blind fasteners.

Our range of fasteners can be used to provide strong joints which are permanent and tamper-proof as well as those where quick access for maintenance is required and fasteners need to be frequently removed and re-installed.

But all of the fasteners in our range have one thing in common: Quality assurance. All of our fasteners are manufactured and tested according to the highest quality standards and procedures. We understand that our fasteners can be critical in providing safe joints for your final products.

Benefits of working with HFS:

- Vast experience in a myriad of markets including agriculture
- A huge range of different fastener brands and products available
- Focus on providing excellent, safe products and exceptional service



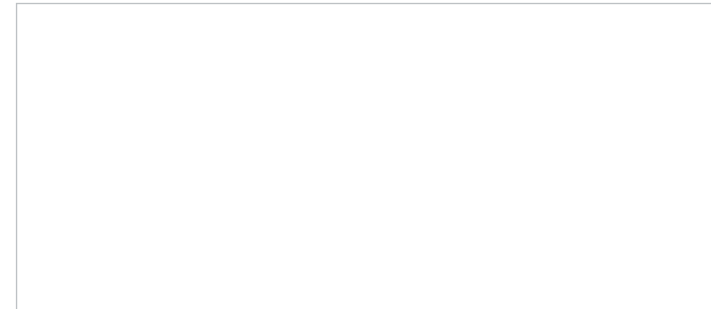
## Contact

**Howmett Fastening Systems** would like to help you find the perfect product for your agricultural applications. If you cannot find what you are looking for in this brochure or would like to know more about any of our products or services, or how our products can fit into your existing manufacturing program then please contact us.

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