

J. LANFRANCO & Cie

The THU J. LANFRANCO Nut: A Reliable Solution for Challenging Environments

J. LANFRANCO & Cie company offers a wide range of slotted self-locking nuts, ESL, ERM and THU, designed to meet the specific requirements of railway applications.

The ESL nut, J. LANFRANCO company's flagship nut, all-metal and reusable, is present in a very large number of railway, passenger vehicle and track applications. The self-locking system is provided by the two overlapping slots, offset and opposite located on the upper part of the turret of the nut.

The THU is an all-metal, reusable hexagonal nut with two slots on the same plane in the turret. It is also available in low version (THM), offering flexibility of application according to specific constraints. Unlike other models, such as the ESL, which have slightly higher self-locking performance, the significant advantage of THU/THM is that it can be used without specific tools such as torque wrenches. This avoids dispersion due to human factors and ensures consistent performance even with used materials. The choice of nut depends on the specific constraints of each application.

The THU stands out for its ability to maintain its performance. It is particularly suitable for environments subject to extreme stresses, intense vibrations and variations in conditions as well as wear of equipment. This versatility is particularly advantageous for freight networks, where loads and speeds vary considerably in South America, North America and Australia.

The THU nut has proven its effectiveness in a variety of contexts, ranging from metro and TGV infrastructure to secondary freight networks around the world.

One of the main weaknesses of railway tracks is the joint bar, a key point where the robustness of the fasteners is crucial to ensure the safety and reliability of infrastructure. THU is a reliable solution for the most demanding track environments. Its design and ability to operate without torque accuracy make it an ideal choice for railway infrastructure and other applications under severe stress. We have chosen a constant evolution to meet the technical needs of our customers. We integrate normative updates, improve friction coefficients and select the nuts best suited to each assembly. By offering products that meet the expectations of our customers, while respecting the strictest standards, J. LANFRANCO & Cie continues to position itself as a leader in the railway industry of safety fasteners.



For more information visit
our website www.lanfranco.fr/en or
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J. LANFRANCO & C^{IE}

TOP QUALITY LOCKNUTS FOR CRITICAL BOLTED JOINTS
FRANCE



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the perfect passenger seating...**

**seating so exquisite
that it nearly defies reason...
what would it be?**



SEATING SOLUTIONS