

INOXDADI – specialising in special materials

Since 1973 INOXDADI Srl has been an important Italian producer and distributor of stainless steel nuts, bolts, threaded bar, washers and a selection of other fasteners.

INOXDADI has established itself as a competent and reliable manufacturer of nuts thanks to its constant development and research on raw materials and productive techniques. The dynamic manufacturing structure it created, plus an extensive product range of a wide variety of fasteners, has enabled the company to consistently satisfy customers' needs for both special and standard items.

A key feature of INOXDADI's product offer is the variety of materials and special alloy products it can supply – satisfying all customer's needs and requirements. These materials include stainless steel, steel, brass, aluminium, duplex, monel 400, hastelloy, nimonic, titanium, ergal, nickel alloys, inconel and many others. "We have developed an in-depth knowledge and experience in special alloys that means we can ensure good quality, as well as high mechanical properties at elevated temperatures, allowing their use in many different industries," explains Giulio Gandioli, general manager of INOXDADI.

Working with special materials can bring a wide range of challenges, especially in the manufacturing process. "These are strong materials, with high density, so the tooling to produce the products are subject to high corrosion and wear," points out Giulio. "Also, the same special alloys from different sources can sometimes react in different ways. As a company, you need to know how to deal with these challenges and offer the right solutions. You also need a good relationship with your tooling supplier to ensure you are getting tooling that can reliably produce the products, as well as a good relationship with your material supplier, to ensure a consistent supply."

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To guarantee the quality and features of the products, INOXDADI has a fully equipped testing facility at its site in Barbata (BG), Italy, where it carries out quality checks using a range of tests to analyse chemistry and mechanical aspects. These test results are available on demand for customers and kept for full traceability of products. The company also has an inspection sorting machine with cameras, which helps assure the highest PPM quality levels.

Being able to offer its range in such specialist materials has given INOXDADI the opportunity to target a wide range of markets. "Our extensive range means we can answer all our customers' requirements and needs," mentions Giulio. "Today we supply products for the oil and gas market, automotive tier market,



building and construction, and we have some products that are used in the nuclear sector. Other sectors include the food industry, marine and electronics."

Whilst covering a wide range of markets, there is still further opportunities for INOXDADI in niche markets. "The renewable energy sector is very interesting, especially water recycling and wind energy," adds Giulio. "We want to become a key figure in this market, through our ability to provide quality products that customers can be confident in using."


Giulio continues: "Providing quality products and improving production processes is very important for us, which is why we are starting to focus on Industry 4.0. We have seen how the market is moving and it is important we remain competitive. Through the data recording and analysis capabilities Industry 4.0 provides, it offers direct information about the machines and their performance, which is invaluable to better understand how the machines work and where improvements and efficiencies can be made." +

www.inoxdadi.com

Materials and special alloys available	
ASTM A193/A194	A304L/A316L
254 SMO	1.4435/1.4436
Inconel	1.4571
Hastelloy	1.4828
Incoloy	1.4841/1.4845
Titanium	1.4541
Nimonic	1.498
Aluminium	1.4539
Brass	1.4529
Copper	1.4462

INOXDADI

THE FASTENER SPECIALIST



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High Quality Bespoke Large Nuts & Fasteners

- ✓ M4-M52 Metric, #10-2.1/2" Imperial/Unified thread
- ✓ Hex, square, flange, dome and round Nuts
- ✓ Castle, Slotted, All Metal Prevailing Torque Nuts
- ✓ Manufacturers of hard to find items
- ✓ Very fast manufacturing and delivery times
- ✓ Fully traceable manufacturing and delivery
- ✓ Fully compliant to ISO 9001:2008 quality standard
- ✓ Certificates in materials, heat treatment and plating
- ✓ Certificates of Conformity



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