



aurox® stainless steel custom-made products for ATEX and Grade 80

GRADE 8 LIFTING CHAINS AND COMPONENTS – LIGHTER, STRONGER, MORE EFFICIENT

With decades of expertise and continuous innovation, Ketten Wälder GmbH has been shaping the international market for NiRo/INOX lifting chains and components for many years. As a technology leader, the company is committed to ongoing product development, the introduction of higher-grade classes, and proactive responses to customer and market demands.

The aurox® product line continues this tradition and offers distinct advantages:

- + Over 30% reduced weight due to higher tensile strength with reduced nominal diameter
- + Around 30% higher load capacity thanks to dynamic strength values above standard levels

Building on nearly 50 years of chain production experience, Ketten Wälder started stainless-steel chain manufacturing in 1995, continuously expanded its NiRo product range, and successfully introduced the cromox® brand in 2008.

With aurox®, Ketten Wälder once again demonstrates its commitment to innovation and quality – meeting growing requirements and specific customer needs worldwide.

THE aurox® PRODUCT RANGE

Thanks to the properties of the carefully selected material, aurox® products impress with their high load-bearing capacity and proven excellent corrosion resistance.

In practice, this means:

- + In confined spaces, an aurox® chain sling can replace a Grade 60 sling of the next larger nominal thickness without any limitations.
- + A weight reduction of more than 30% provides significant benefits in terms of ergonomics and sustainable efficiency.
- + With dynamic strength values above standard levels, aurox® delivers up to 30% higher load capacity compared to Grade 60 chains.

For specialized applications – such as continuous use in cleanrooms – tailored surface treatments of chains and components ensure maximum wear resistance, surface cleanliness, excellent cleanability, and outstanding corrosion protection.



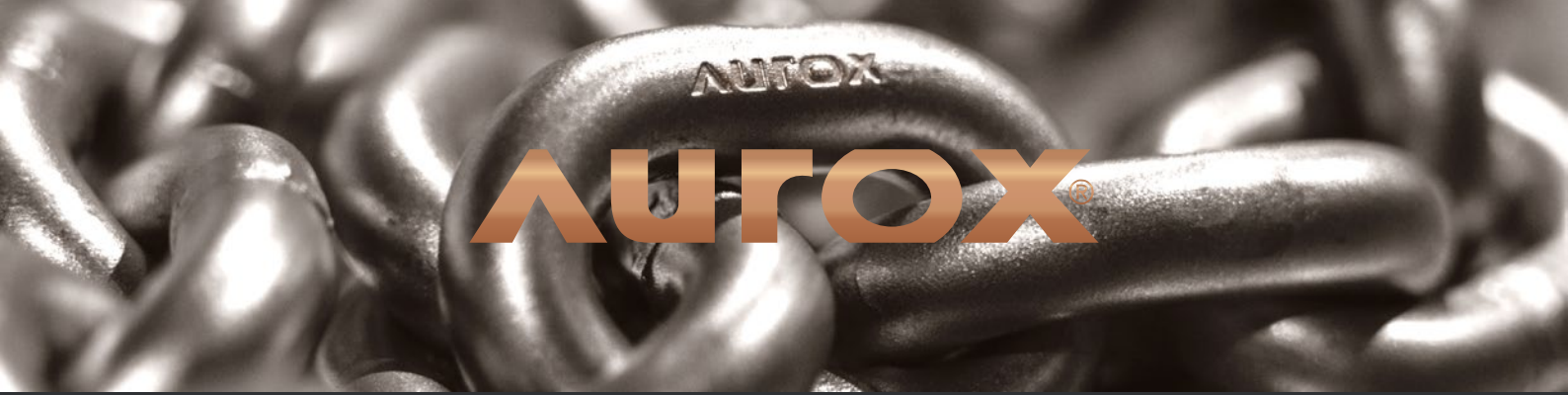
Chain QK
for lifting loads
sizes 05 to 13



Hoist Chain QHK
high dimensional accuracy/tight tolerances
size 7,0 x 21,0 mm



Self Locking Eye Hook QOSL
sizes 05 to 13



AUROX®

aurox® for ATEX applications

The rising demand for premium stainless-steel products in ATEX-certified environments has been a decisive factor in expanding the aurox® range. ATEX, short for ATmosphères EXplosives, refers to environments with flammable gases, vapors, or dust particles where explosion risks are present.

aurox® products, manufactured from specially selected low-spark raw materials and offering exceptional corrosion resistance, provide the ideal solution for these highly critical conditions.

These features are essential to guarantee product safety and reliability under extreme circumstances, while meeting the stringent safety standards required in explosive atmospheres.

With this dedicated product line, Ketten Wälder GmbH reinforces its commitment to innovation, quality, and reliability. The expansion of aurox® not only addresses increasing customer demand but also reflects strong confidence in the performance of stainless-steel solutions designed for the toughest environments – including ATEX-certified applications.



AUROX®

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