

Kwikstrut[®]

Quality Assurance



The power behind **your mission**

**Johnson
Controls** 

Our quality assurance promise

The KWIKSTRUT® Metal Framing and Pipe Supports design, produce, and supply advanced solutions for piping systems in the mechanical, fire suppression, and electrical markets.

Our team of experts help to reduce installation times and project costs across a wide variety of industrial and commercial applications, including heating and cooling, roof drainage, wastewater, solar, aviation, transportation, power, marine, and POG.

Our extensive product range has been developed and refined over a half-century of manufacturing excellence. This broad portfolio can be integrated with GRINNELL Grooved Mechanical Products for a complete mechanical solution.

Quality is the pinnacle and ultimate goal of our business. Learn how we maintain the highest standards in all we do.

KWIKSTRUT'S Quality Assurance

We supply quality goods from a trusted, well-known brand

KWIKSTRUT is renowned for providing products that reflect bespoke quality. Our Wopf manufacturing facility is ISO 9001 certified - as a distribution channel we are certified, this means we can proudly and confidently assert that we deliver quality goods through quality channels.

Advanced Design Data

We offer total flexibility in the design and construction of assemblies for mechanical, fire suppression or electrical applications.

KWIKSTRUT channels meet the requirements of BS 6946: 1988 and our technical analysis is in compliance with EUROCODE EN 1993-1-3: 2006 - Design of steel structures. We also follow the General Rules/Supplementary Rules for cold formed thin gauge members and sheeting.

For access to more detailed technical performance information please take a look at the KWIKSTRUT catalogue or our technical department are on hand to offer advice on any additional information relating to the design and use of KWIKSTRUT components.

Quality Materials as standard

The materials used in the manufacture of metal framing and pipe support systems will meet the requirements of the following standards:

- **EN 10111**
Steel DD11 for cold forming applications
- **EN 10346**
Steel for cold forming applications
- **EN 10025**
Hot rolled structural steel S275JR or steel S235
- **EN 10346**
Cold rolled hot dip galvanized steel S280GD+Z275
- **EN 10088**
Stainless Steel with grades 1.4404 (316L) or 1.4301 (304)





Corrosion Protection

KWIKSTRUT products come in a range of materials and finishes. These finishes offer different degrees of corrosion protection for use in a variety of environments.

Where required, decorative factory finishes such as powder coating are available.

We offer:

- Pre-Galvanized S280GD + Z275 according EN 10346
- Hot Dipped Galvanized according to EN-ISO 1461
- Electro Zinc Plated according to EN-ISO 12329 / EN ISO 19598
- Delta Tone according EN ISO 13858 - 480 h according to EN ISO 9227
- Magnelis coating to SEW022 according to EN 10346 (on request)
- Double Hot Dipped Galvanized according to EN ISO 1461 (on request)

Engineered to Recommended Tolerances

Our general design tolerances are set according to EN ISO-2768 and EN ISO-1390 for welding constructions.

Expert Welding Techniques

Our channels are back-to-back spot welded to 100mm each.

All welds on stainless steel fittings and cantilever arms are pickled and passivated following welding.

Brand Identity

The KWIKSTRUT brand name or identifying mark is displayed on the product or packaging. Products with external approvals FM, VdS, LPCB will be marked in accordance with the requirements of those that have.

The KWIKSTRUT brand or identifying mark will be engraved to ensure you can clearly recognize the products when it has undergone the finishing treatments i.e. Hot Dip Galvanizing.

Quality Tested and Rigorous Inspection Process

Our high-performance products carry many European and industry approvals, through innovative design.

We build quality into our organization through the systematic checks that are the basis of our ISO 9001 and -2 certifications.

We use only high-quality steels and finishes backed by industry certifications. We test those products to relevant EN/ISO standards.

Channels, fittings, pipe supports, and general fixings are inspected in accordance with the manufacturer's established quality control procedures.

KWIKSTRUT Product Approvals



Factory Mutual research Approval



VdS loss prevention Approval



Underwriters Laboratories Approval



French product Approval



European Technical Approval



Fire rating Approval



Loss Prevention Certification Board

Further information

For the latest information about our organization, product approvals or innovations, please visit us at: www.kwikstrut.com or contact your local office, from the contact details on the back page.

About Johnson Controls Building Technologies and Solutions

At Johnson Controls, we transform the environments where people live, work, learn and play. From optimizing building performance to improving safety and enhancing comfort, we drive the outcomes that matter most. We deliver our promise in industries such as healthcare, education, data centers and manufacturing. With a global team of 105,000 experts in more than 150 countries and over 130 years of innovation, we are the power behind our customers' mission. Our leading portfolio of building technology and solutions includes some of the most trusted names in the industry, such as Tyco®, York®, Metasys®, Ruskin®, Titus®, Frick®, Penn®, Sabroe®, Simplex®, Ansul® and Grinnell®

For more information, contact your regional Johnson Controls product representative or visit www.kwikstrut.com

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