

Brochure

ENGINEERING
TOMORROW

Danfoss

Welcome to the higher standard for steel adapters



50%

higher operating
pressures compared
to other manufacturers

Higher pressure. Higher performance. **Beyond SAE certified.**

Danfoss expands your possibilities.



With more than 3000 steel adapter part numbers globally, Danfoss has a wide variation of configurations with large portfolio of ORFS, JIC, BSPP, NPTF, and many other terminal ends.

Expand the equation.

Achieve operating pressures up to 125% more than SAE.



Discover the additional value of using a Danfoss system of products designed to work together to achieve even higher operating pressures. When Danfoss hoses are combined with Danfoss 1A or 4S/6S fittings and Danfoss adapters, assemblies can perform up to 125% higher pressures than the SAE rating.

Same exceptional Danfoss adapters — now with outstanding corrosion resistance.

Dura-Kote plating technology.

Danfoss adapters now come with Dura-Kote® plating, which gives you up to 1,000 hours of corrosion resistance. Dura-Kote is an innovative plating technology for steel adapters, offering more corrosive protection for longer life, lower replacement costs, and improved appearance. This corrosion protection decreases the likelihood of leaking, meaning less equipment downtime and greater productivity. Plus, there are no compatibility issues with Dura-Kote plating. The Danfoss adapters you rely on today will look, feel, and perform exactly the same.

Many companies offer extra plating services and special requests to enhance corrosion resistance. Requesting extra services can delay your order, complicate delivery, and add significantly to your costs. That is why Danfoss has responded to the needs of the market and simplified the entire process. With Dura-Kote plating now standard on Danfoss adapters, you'll get products that look better, last longer, and cost less to maintain, which gives you and your customers one less thing to worry about.



Danfoss

Competitor B

Competitor P

Carbon steel corrosion protection

This is a comparison of current carbon steel adapters after 650-hours of exposure to salt spray testing which far exceeds the SAE standard of 72-hours. Carbon steel fluid conveyance products protected with Danfoss' Dura-Kote plating technology resist rust longer than other carbon steel products available today.

- ✓ Same form and functional capabilities
- ✓ Same torque values and pressure ratings
- ✓ Same silver appearance
- ✓ Same procedures for assembly

Regardless of the job, Danfoss has the right products to meet the challenge every time.
Additional products available from Danfoss.



Danfoss Quick Disconnect Couplings

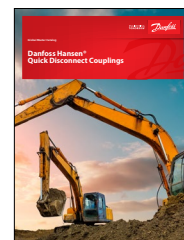
For over 90 years, Danfoss has continued to manufacture and supply the highest performing quick disconnect couplings for customers globally. Danfoss' quality and performance are never compromised when it comes to engineering and manufacturing its full line of quick disconnect couplings. From traditional industry standards to custom couplings for the next generation of emerging markets and new advanced technologies, Danfoss continues to provide quick disconnect coupling solutions to meet your demands.

Quick Disconnect Coupling applications:

- Hydraulic applications in construction, agriculture, etc.
- Fluid transfer
- Liquid cooling
- Pneumatic
- Chemical
- Oil and Gas
- Aerospace
- Medical
- Food and Beverage
- Law enforcement/rescue

Check out our complete portfolio of **Quick Disconnect Couplings** found in our catalog at danfoss.com.

Literature number: **AF435258198969en-000101**



Waltech Metric Tube Fittings

Making the right connections is easy with Danfoss' Waltech metric tube fittings. A variety of available sizes and configurations make Danfoss' metric tube fittings a simple, flexible and cost-effective solution for many applications. With three unique systems — including Walpro®, WalringPlus®, and Walform® — each tube fitting is manufactured to meet DIN 2353 and ISO 8434-1 standards and withstand pressure and corrosion with best-in-class performance.

Metric tube fitting applications:

- Harvester/balers
- Machine tool
- Hydraulic presses
- Excavators
- Loaders
- Mining equipment
- Mining equipment
- Concrete pumps
- Off-shore equipment

Learn more about Danfoss' entire line of metric tube fittings by reviewing our **Waltech Metric Tube Fittings** catalog at danfoss.com.

Literature number: **AF403661682130en-000201**



Danfoss STC Snap-To-Connect

Patented STC Snap-To-Connect products are threadless connectors that keep equipment up and running longer with simple, leak-free connections.

Danfoss has the broadest range of threadless connectors in the industry. Our patented STC technology excels in rigorous mobile application in agriculture, construction, forestry, transportation, utility, and lawn and turf. Because of their easy installation — even in confined spaces — and virtually zero-leak performance (per SAE J1176), more than 25 million STC connections are currently in use worldwide.

STC benefits:

- Fast reliable one-hand connections requiring no assembly tools
- Eliminates cross-threading, over or undertorquing, and hose twisting
- Virtually zero leak performance
- Direct porting eliminates adapters to maximize cost savings
- Resists external contamination
- Allows easy disconnection with release tool

A full list of available **STC products** can be found in our catalog at danfoss.com.

Literature number: **AF444058468933en-000101**



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