



# TODO

## TODO NGX BreakAway Coupling

Our TODO NGX BreakAway Coupling has been engineered for unmatched performance in a range of different applications. Their innovative design and robust construction guarantee reliability and flawless operation. Due to an internal redesign and brand new seal placement, maintenance requirements have been significantly reduced, therefore also reducing your costs.

With user safety at the forefront of our design, we have created a way to protect against human error and product loss whilst still maximising efficiency. Our market-leading TODO NGX couplings are a solution you can rely on to get the job done and get it done flawlessly.

### Technical Information:

- ✓ **Working Temperature Range:** -20 to +80°C (-4 to +176°F)
- ✓ **Max. Working Pressure:** up to 40 bar (580 psi)
- ✓ **Product Test Pressure:** up to 60 bar (870 psi)
- ✓ **Certification:** 2014/68/EU - Pressure Equipment Directive (PED)
- ✓ **Mounting:** thread or flanged variants available
- ✓ **Sizes:** 2" (DN50), 3" (DN80), 4" (DN100)
- ✓ **Materials:** aluminium units use EN AW 6262 T6, stainless steel made with 316L grade
- ✓ **O-ring Grades:** Viton (FKM), NBR, EPDM, Chemraz, Kalrez & many others

Unrivalled  
Performance

Low-Pressure  
Drop

High Flow  
Rate

Reliable  
Design

# Applications

Our TODO NGX BreakAway coupling has been designed on the same line as a TODO-MATIC hose unit, meaning it's capable of withstanding the same challenging applications both on land and offshore. Typically this coupling is used in the chemical and LPG industries, offering a reliable solution that enhances productivity and performance. Due to its design and flexibility to work for different applications, it can also be used to maximise safety when transferring valuable or hazardous liquids and substances.



Gas & Oil



Chemicals



LPG transportation



## Features & Benefits

### Reduce Human Error

These couplings have been designed to prevent any spillages and equipment damage that can be caused by operator error.

### High Flow Rate & Low-Pressure Drop

This allows for faster unloading and loading rates, thanks to the optimised flow rates it creates. Our NGX couplings also have a shielded spring design for zero flow interruption.

### Minimal Product Loss

When these couplings become subjected to excessive forces, their brake pins shear, which causes the pistons to spring forward on either side of the connection; this helps to minimise the product loss on disconnect.

### Adaptable Design

Like with all TODO products, your NGX BreakAway coupling can be altered to suit your specific application needs better. This flexibility allows you to tailor your solution to environmental and operational factors, ensuring reliability and peace of mind.

