

PRODUCT DATA SHEET

TORQUE LIMITER

PRODUCT DESCRIPTION

Modern screw-in tools – whether mains or battery operated – are becoming ever more powerful. This development comes with an increasing risk, i.e. that the screws may be exposed to excessive loads during the screwing process. This leads to characteristic damage profiles, e.g. ripped-off screw heads, overtightened threads or deformed components, especially in demanding metal-timber joints.

The screw-in coupling offers an effective solution for this issue. It reliably limits the torque to a specified value.

Once this has been reached, an internal shut-down mechanism disconnects the power transmission, which protects the screws and materials from destruction and ensures consistently secure screw connections.

This makes the tool ideal for professional users who value clean and controlled installations – without compromising on speed.



ADVANTAGES

- Reduces screw damage: it prevents the over-tightening and breaking off of screws, which is particularly important for metal-timber connections and for washer head screws.
- Consistent quality: a safe and reproducible tightening torque for each screw connection.
- Maintenance-free: the permanently lubricated coupling requires no regular care.

APPLICATIONS

- Screwed connections with a high risk of over-torquing
- Metal-timber connections in façade or substructure technology engineering
- Roof insulations, timber frame constructions, interior constructions
- Repeated screw connections in series production

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TECHNICAL INFORMATION

Torque limiter	
Feature	Specification
Available models	18 Nm
	32 Nm
Drive	Hex 11 mm
Total length	120,5 mm
Bit holder	TX40 • oder TX50 •
Lubrication condition	Maintenance-free thanks to permanent lubrication
Art. no.	100885 (18 Nm)
	100886 (32 Nm)

NOTE

The screw-in couplings are supplied with a preset torque of 18 Nm or 32 Nm and can be adjusted to a project-specific torque, if necessary.

For maximum durability and reliable functionality, we recommend that you use the right bit adapters as well as stay within the specified torque range.

IMAGES OF APPLICATIONS



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COMBINABLE PRODUCTS

Torque limiter	
Art. no.	Description
100883	Screw-in tool small ESW8
100884	Screw-in tool big ESW13

If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).