

T-Rack® 3.0 Series

In order to meet the expectations of our customers, we are constantly improving our products. Following extensive research and testing, inge GmbH introduces an upgraded version of the T-Rack® 3.0 product range.

The T-Rack® 3.0 Series by inge® represents the most advanced ultrafiltration solution on the market and the new configuration stays true to all the proven benefits:

- Highest efficiency and reliability
- Smallest footprint - unchanged and unrivaled
- No changes to connecting dimensions - all existing planning is fully supported
- Extension ready at any time
- Production and QM - all 'Made in Germany'
- No changes to assembly, operation and maintenance, service life or guarantees

The new scope of supply will include Composite Coupling Sets (2" and 6") with Stainless Steel – Antiseize Coated - Hardware:

- **Composite Couplings:**
After having utilized the 2" composite couplings for many years, inge® now also provides the 6" Coupling Sets in the same material, which meets our meticulous quality requirements and offers improved corrosion resistance.
- **Stainless Steel Bolts, Washers and Nuts (Antiseize Coated):**
In addition to the composite couplings, stainless steel bolts, washers and nuts (Antiseize Coated) further help to withstand the cold shut process.

The new material and geometry of the 6" Composite Coupling Sets triggered slight design modifications to the dizzer® XL UF modules for the T-Rack® 3.0 Series. The advantages are significant:

- Maximum corrosion resistance for coupling body and screw connections
- Improved logistics due to lightweight components, translating into easier handling and reduced shipping costs
- The best available materials to ensure a trouble-free service life
- New dizzer® modules are compatible with 'old' and 'new' 6" Coupling Sets (C5 coated metal vs. composite material)

For further information, please contact your inge® representative.

inge GmbH – August 2018



Composite Coupling Set

Coupling Set Characteristics

Part number		KT-0172 2" 2" 2"	KT-0173 6" 6" 6"
Coupling dimension		2"	6"
Set content (preassembled)	Qty.	1 Coupling Body (two half shells)	
		1 Gasket	
		2 Bolts, Nuts, Washers (each)	

Dimensions			
Bolts	M 10x50, DN 603	M 12x80, DN 603	
Washers	Type A, Ø 10.5, DN 125	Type A, Ø 13, DN 125	
Nuts	M 10, DN 934	M 12, DN 934	

Weight						
Set total weight	kg	lbs.	0.34	0.75	1.30	2.89

Materials	
Coupling body [4]	PA 6 GF 30, Black
Gasket	EPDM (peroxide cured), Black Drinking Water certification: NSF/ANSI 61, KTW
Bolts	A4 – AISI 316
Washers	A4 – AISI 316
Nuts	A4 – AISI 316 Anti-seize

Operating Parameters [5]

Temperature				
Permissible temperature range	°C	°F	-15 – +95	5 – 203

Pressure				
Max. operating pressure	bar	psi	20	290



- [1] For dizzer[®] XL Series modules for OpenPlatform Installation.
- [2] For T-Rack[®] 3.0 Series.
- [3] For T-Rack[®] 3.0 Manifold.
- [4] UV stabilized - suitable for more than 10 years of direct sun exposure.
- [5] Designed for 25 years of service life.

Note

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