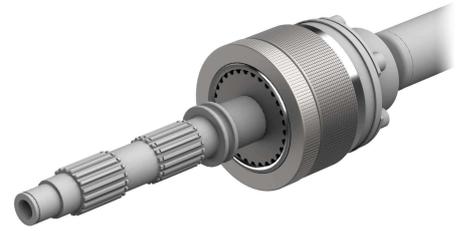
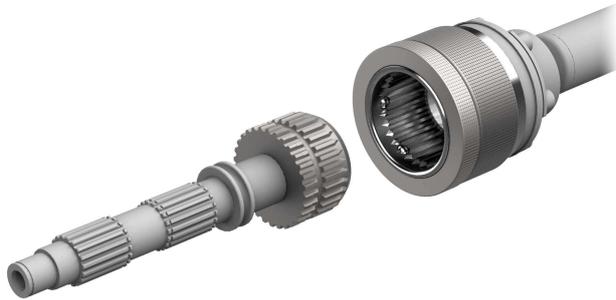


# tDock800

## MANUAL DOCKING SYSTEM



### DESCRIPTION

The tDock800 docking system is designed for docking engines by hand. The adapter is fixed into the docking system by means of a clamping mechanism. Its easy handling significantly reduces test bed downtime.

### OPERATING RANGE

Torque: up to 800 Nm  
Speed: up to 10000 rpm

### BENEFITS

- compact and modular design
- long life
- virtually play-free torque transfer
- fast and easy exchange of the unit under test
- reduced backlash ensures smooth running
- engine adapter can be tailored to customer requirements

### FUNCTION

The female adapter is mounted onto the drive shaft and is fixed to the test bed, while the male adapter is fixed to the engine.

When docking, the male adapter engages with the female adapter.

During operation, the articulated assembly allows axial, radial and angular movement without interfering with the test bed.



Exclusive Representative in Japan



TOKYO PLANT Co., Ltd.

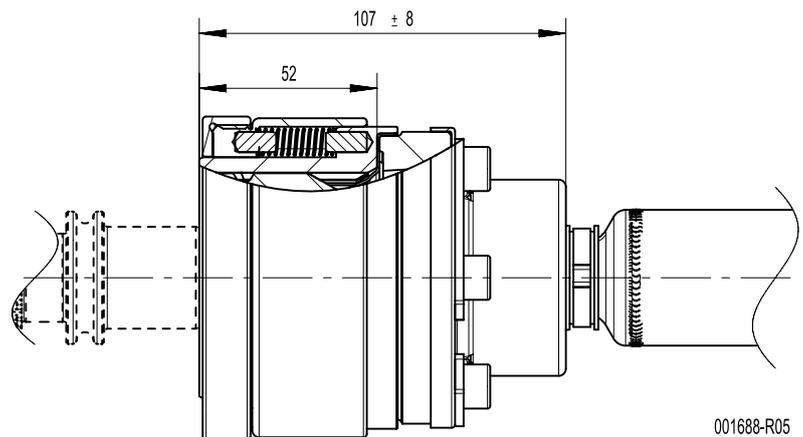
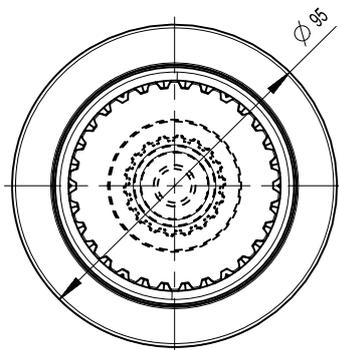
**東京プラント株式会社**

515-5 Miyazawa-cho, Akishima city, Tokyo, Japan 196-0024  
TEL: +81-42-546-6500 FAX: +81-42-546-6600  
Email: [sales@tokyo-plant.co.jp](mailto:sales@tokyo-plant.co.jp)

# tDock800

## MANUAL DOCKING SYSTEM

tDock800		
Maximum torque	[Nm]	800
Maximum speed	[rpm]	10000
Mass	[kg]	2.1
Inertia (without customer-specific adapter)	[kgm <sup>2</sup> ]	2.50E-03
Diameter	[mm]	94
Length	[mm]	52



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