

tDock1500 – AUTOMATIC DOCKING SYSTEM



Description

The tDock1500 docking system has been designed for fast automatic docking of engines for quality control and production testing. This docking system combines the high alignment capability of CV joints with the reliable functionality provided by a splined docking mechanism. This unique docking system enables efficient docking and guarantees extremely smooth running of the test bed.

Operating Range

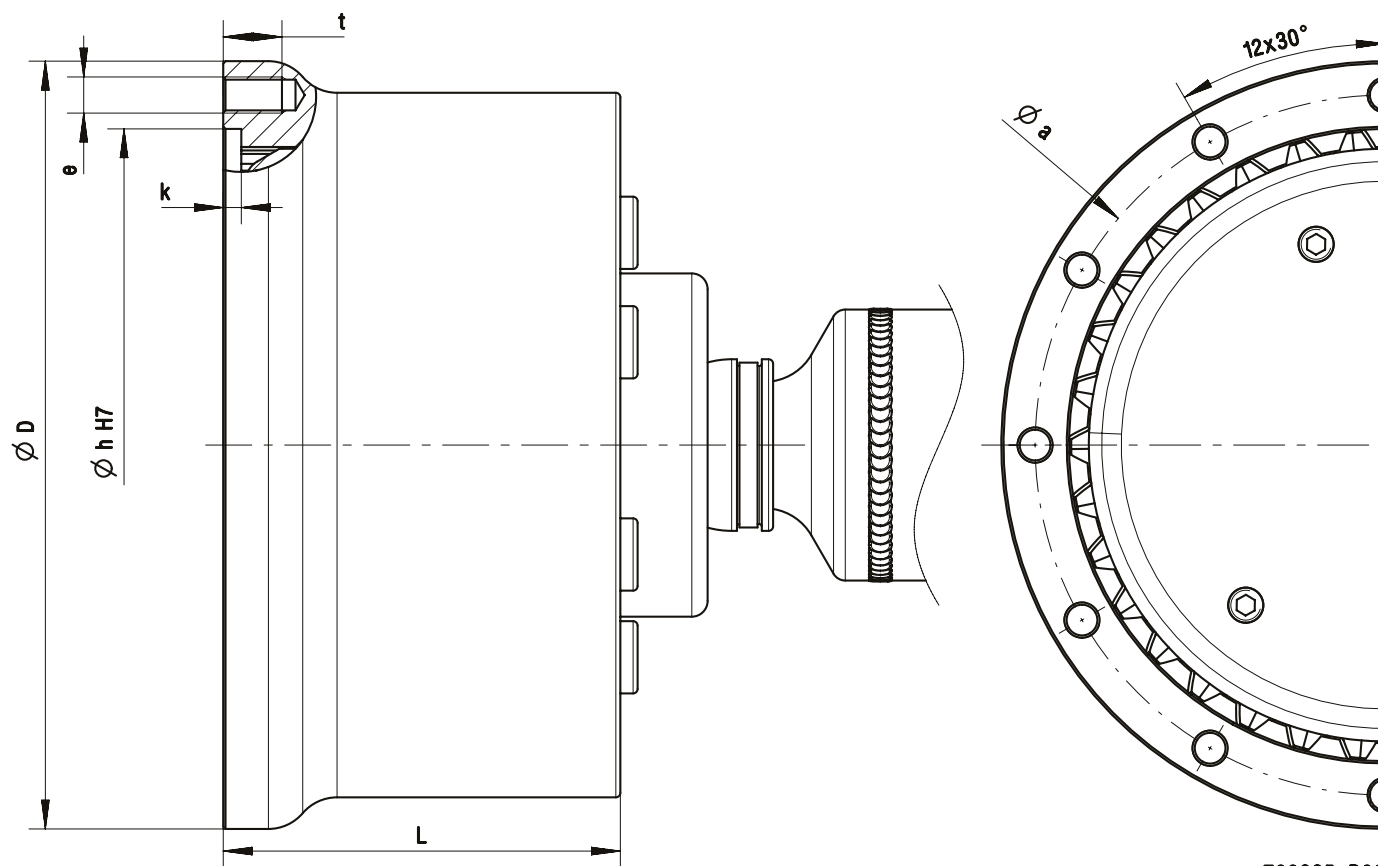
Torque: up to 1500 Nm
Speed: up to 10000 rpm

Benefits

- direct mounting on engine flange allows easy attachment to the engine
- engine adapter can be individually customized and is easy to change
- inertia value similar to the original engine fly-wheel
- play-free, self-centering
- low-noise, low-vibration and low-maintenance
- secure and easy docking
- compact and modular design
- long life
- reduced docking time

tDock1500-CV15

Maximum torque	[Nm]	1500
Maximum speed	[rpm]	10000
Mass (without customer-specific adapter)	[kg]	10.21
Inertia (without customer-specific adapter)	[kgm ²]	3.42E-02



700335-R00

Docking system	Joint	L [mm]	D [mm]	a [mm]	e [-]	h (H7) [mm]	k [mm]	t [mm]
tDock1500	CV15	88	170	155	M8	140	4	13

Other dimensions available on request