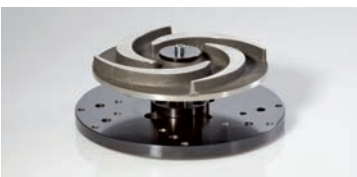




 **SCHENCK**



**cenTec –
the versatile and
cost effective
balancing tooling**

Simple and safe clamping
of rotors onto vertical
balancing machines

RM 1056 e



The new way to balancing equipment

You know the situation: How do I mount the rotor that has just been delivered onto the balancing machine without any delay? At best, you will have a suitable rotor adaptor in stock or at least the three jaw chuck fits. In the worst case, you will have to produce an improvised adaptor yourself – and that can take time.

In addition, the quality of self made clamping devices generally vary significantly.

Our new cenTec balancing tooling provides you with a solution for this. It is the quickest and simplest way to mount rotors onto vertical balancing machines. You are able to configure this unique clamping system yourself to suit your applications and can order directly in our web shop:

www.schenck-webshop.com/en/





The tooling from experts for experts

cenTec is our modular and cost effective clamping system to mount different types of rotors onto vertical balancing machines.

It comprises individual parts that are compatible with each other and that can be replaced individually, therefore, it can be adjusted to suit your own applications and different rotors. This way, any time consuming assembly, mounting and alignment of self made rotor adaptors is no longer required.

With cenTec you can be sure that different sizes and shapes of rotors can be professionally and without the risk of marking be clamped onto your balancing machine at the right datum - and all at a sensible price.

Unbeatable range and maximum adaptability

Schenck RoTec, the expert in the field of balancing technology, stands for precision and quality. cenTec fits this profile perfectly. It ensures a high level of balancing with a rotor diameter range of 10 mm to 500 mm.

This wide and almost infinitely variable clamping range is achieved using an ingenious combination and simple adjustment of the components.

The practical adjustment arbor makes it straightforward to work with cenTec on a day to day basis.

It acts as a simple aid to align the tooling accurately at the rotor – time consuming measuring of the tooling is no longer required.

Technical data

cenTec tooling is intended for the low speed balancing of disc, cylinder or pot shaped rotors, such as fly-wheels, belt pulleys, brake discs, brake drums, pump wheels, fans, clutches, axle gear parts and flanges, as well as for many other rotors for different ranges of application.

Rotor weight:	max. 45 kg
Rotor diameter:	max. 500 mm
Rotor height:	max. 250 mm
Internal centring diameter:	10 - 137 mm, fixed 137 - 450 mm, variable
External centring diameter:	12 - 140 mm, fixed 140 - 400 mm, variable
Measuring speed:	max. 1,300 rpm

cenTec is suitable for our vertical balancing machine types CBAD, HBAD, RBAD, WBAD, RBBB, VM2/1, VM2/2, Virio, ESC and ESD.

Order quickly and conveniently via our web shop

All cenTec products can be ordered directly via our web shop so that the parts that you need are available quickly.

Our shop has a product configurator to assist you in selecting the correct adaptor with the appropriate individual parts for your work pieces.

What's more, we have put together a starter package for you that forms the basic equipment for the mounting of disc shaped rotors.

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Balancing and
Diagnostic Systems

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The  Group

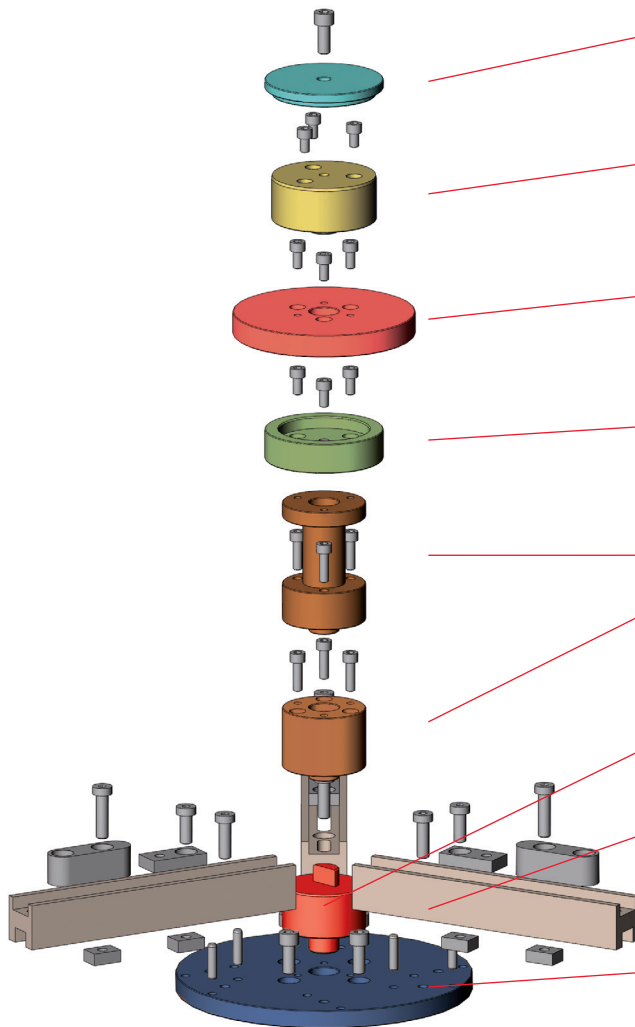
Design of the cenTec Clamping System



Balancing Tooling by SCHENCK

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Clamping cover

for the clamping of rotors in conjunction with centring pins; three sizes, for finish turning

Centring arbor

for the centring of rotors in the centre hole; three sizes, for finish turning

Support plate

for the axial mounting of rotors in conjunction with larger centring pins

Centring nest

for the centring of rotors on a journal, two sizes, for finish turning

Spacers

to raise the height of the centring elements, two heights

Adjustment arbor

aid for the presetting of centring elements

Support strips with centring and clamping elements

for variable centring in centre holes or on journals

Mounting flange

for mounting onto the machine spindle and for the set up of the cenTec elements