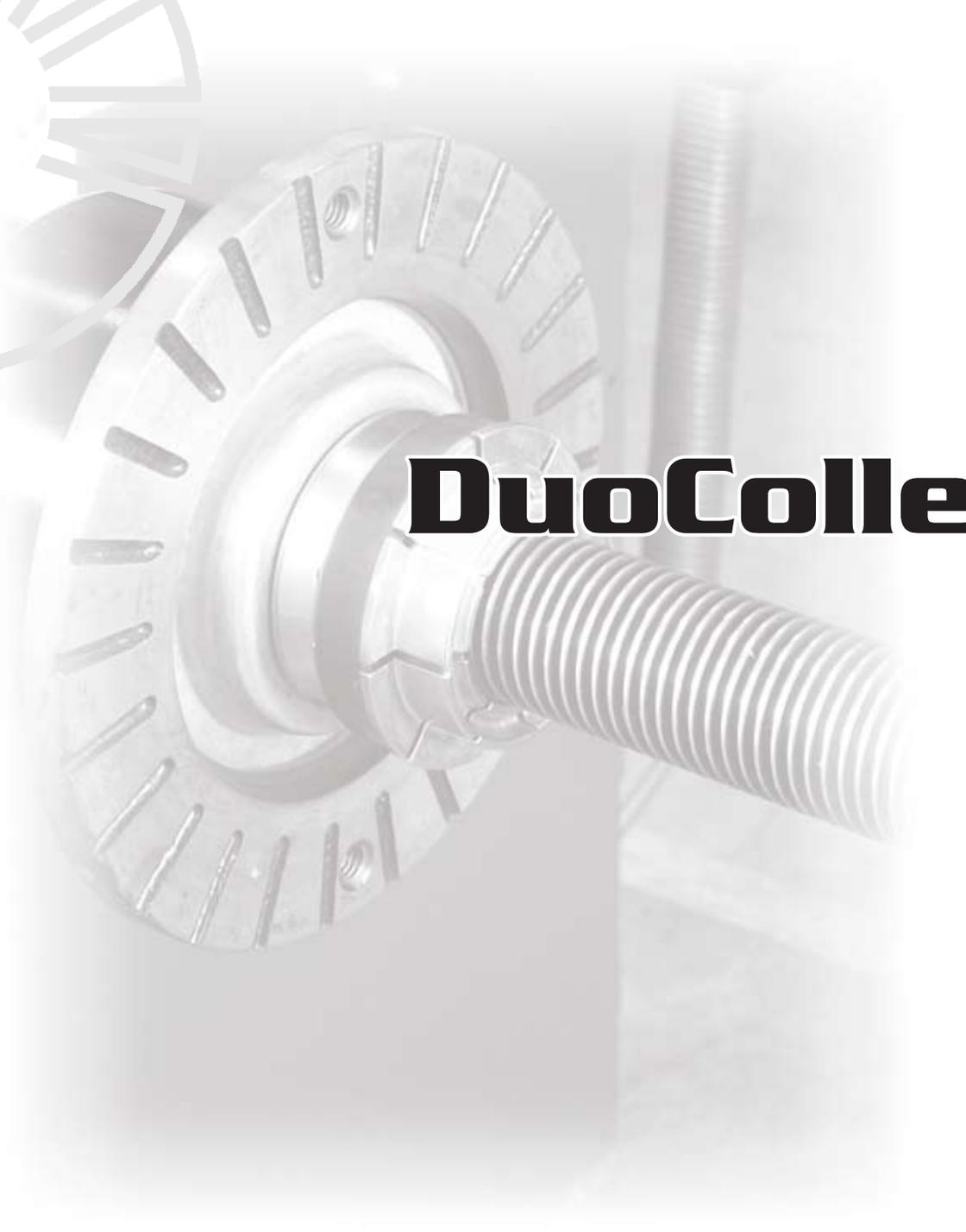


Supreme Centering Solutions



DuoCollet

DuoExpert - Series III

Supreme Centering Solutions



54 - 62 mm



62 - 70 mm



70 - 78 mm



78 - 86 mm

- **4 Expandable Collets**
- **Covers Range 54mm - 86mm**
- **Static Imbalance Solution**
- **Prevision Mounting Surface - Replicates Wheel Mount**
- **No Wheel Hub Interference**
- **Must Be Used With Plate System From Front**

**Duo Collet Kit
Part# 165 400 007**

**Collet I
Part# 165 400 001**

**Collet II
Part# 165 400 002**

**Collet III
Part# 165 400 003**

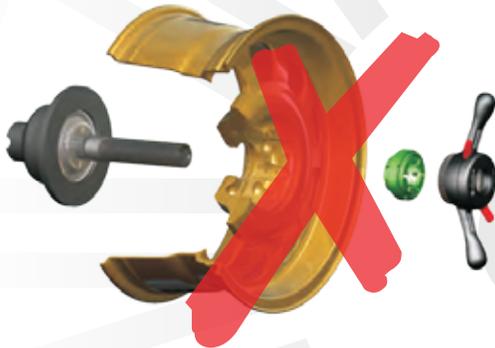
**Collet IV
Part# 165 400 006**

DuoCollet Instructions

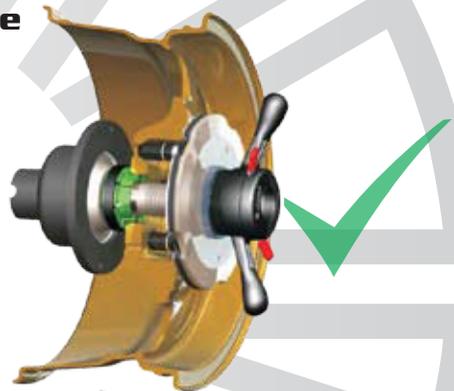
- The DuoExpert System can expand to all wheel centre hole diameters and can be used on all known wheel balancers.
- It is a precision measuring tool and has to be handled and maintained as such.



Never use the DuoExpert from the wrong side



Do not use the DuoExpert from the front



This is the correct handling.
(example of application with QuickPlate)

Regular and thorough cleaning of the DuoExpert

1. Clean Duo Expert as necessary. Spray Dry Lube and work the collet for routine maintenance.
2. If/When the DuoExpert collets get extremely dirty, the system can be disassembled in order to clean it intensively. (Look at the picture)
 - Remove the rubber ring (1).
 - Take the expanding collets (2) out in sequence.
 - Every single part can now be cleaned separately. It's best you spray them with cleaning spray and clean them then with a cleaning-rag.
3. Now the system can be re-assembled in reverse order.



○ Rubber ring



○ Expanding segments

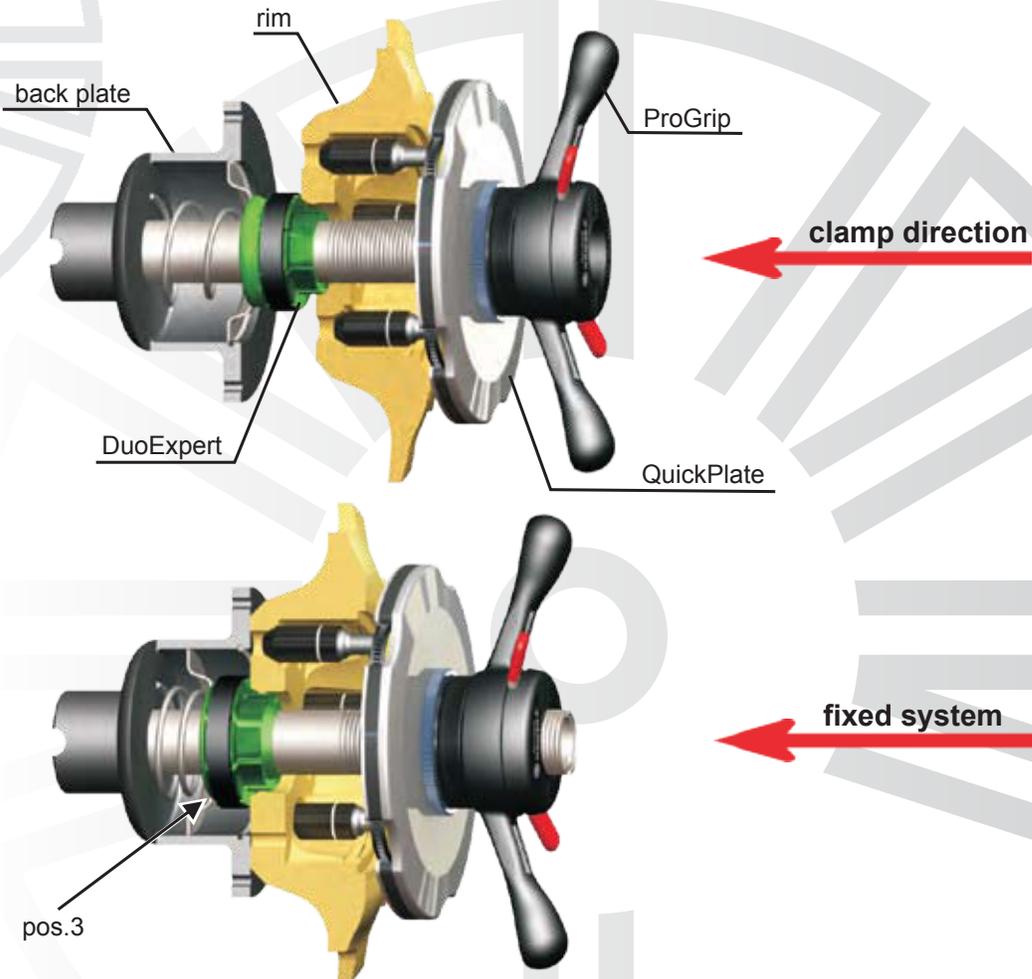


○ Basic collet

In case of faulty handling or excessive force the warranty is null and void.

DuoCollet Instructions

Drawing of a Mid Centering Device



Main points that have to be observed when using the DuoExpert System:

1. The DuoExpert must be completely flush with the surface of the back plate when fully compressed otherwise the following problems may occur:
In the worst case the DuoExpert is destroyed, as it has to stand 150 times more force than the normal spring can deliver.
The wheel does not sit straight on the back plate, the result are indefinite dynamic balancing and remounting errors.
2. The DuoExpert System has to be cleaned regularly as otherwise the spring is not strong enough and especially heavy wheels cannot be centered perfectly.
The results are statical balancing and remounting errors.
3. Please see that on wheel balancers with a covered spring it must be possible for the system to expand without touching the backplate.
4. If you have other problems with the DuoExpert System on your wheel balancer, please contact us as soon as possible as your problems are with the Mid Centering Device, not the expending collet itself.

DuoCollet Parts

Drawing	Part Number	Description
	165e400 001	<p>Internal Collet for ø40mm DuoExpert III 54-86mm</p>
	165e008 004	<p>Rubber Band</p>
	<p>165e008 001 165e008 007</p>	<p>Segments (Set of 8 pcs. incl. pins) For DuoExpert 54-62mm</p> <p>Single segment incl. pin</p>
	<p>165e008 002 165e008 008</p>	<p>Segments (Set of 8 pcs. incl. pins) For DuoExpert 62-70mm</p> <p>Single segment incl. pin</p>
	<p>165e008 003 165e008 009</p>	<p>Segments (Set of 8 pcs. incl. pins) For DuoExpert 70-78mm</p>