

09-01-2013



# ***BRAKING SET***

## ***for ROBIN DR400***

**Delivered with an EASA Form1**



**£1250 + VAT**  
**Now available**

**QUALITY  
OPTIMIZATION  
PERFORMANCE  
RELIABILITY**

***Landing distance decreased  
Elimination of the fire risk  
Reduced maintenance costs***

**BERINGER agreements:  
EASA Part 21G  
APDOA**



Testimonial: Emmanuel , flight instructor at the Aéro Club Alpin in Tallard and Alain, treasurer:

« We have now been flying for 2 month on a DR400 equipped with the new BERINGER braking system and we are more than satisfied: the braking is way more powerful, more adjustable, very easy to use. The aircraft brakes in line without any vibration. It is a real attractive feature for the club, especially for a flight school aircraft since it clearly increases the safety at landing. I think that the purchase cost will be soon paid off thanks to the lower maintenance costs. »

**Advanced technology since 1985**

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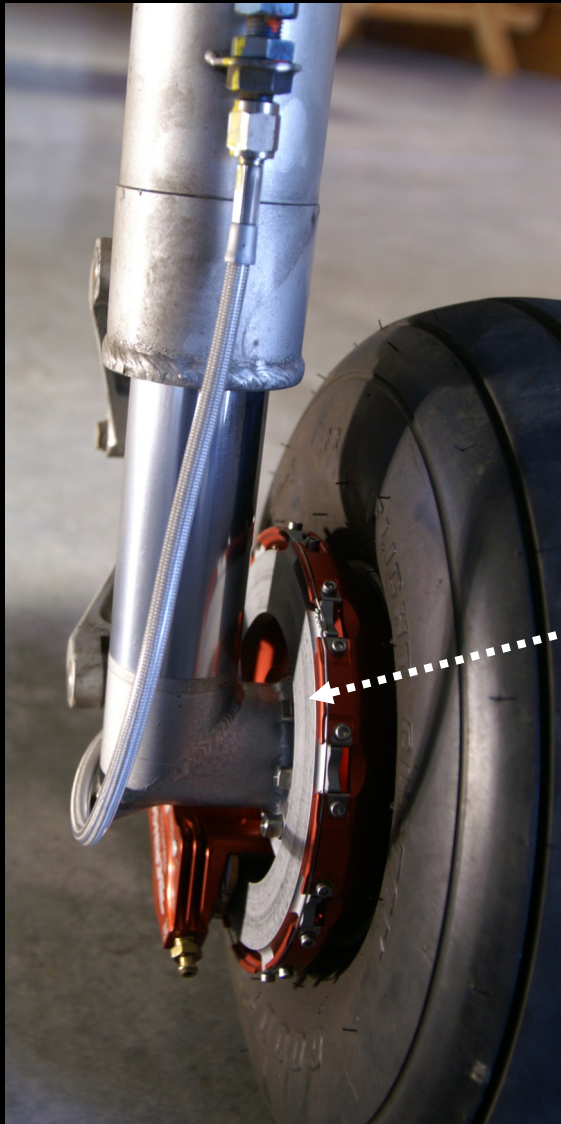
# **BRAKING SET**

## **for ROBIN DR400**

### **COMPOSITION OF THE SET:**

2 High Energy calipers with 2 pistons each  
2 inner bowls supporting the discs  
2 steel chrome molybdenum discs  
Sintered metal brake pads, long lifespan  
with thermal insulation wedges  
Stainless steel PTFE brake hose, high  
pressure and hydraulic fittings  
Sleeve with specific set of tools



The brake discs are made in steel chrome molybdenum and are floating  
→ No vibration at braking due to disc deformation  
→ The disc can expand when it heats up without any strength and avoid any buckling or crack

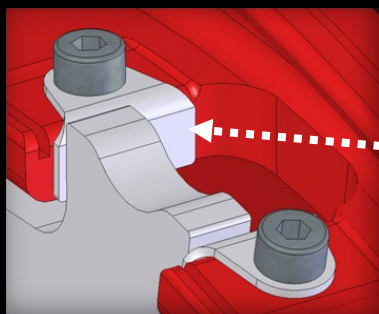
The supporting bowls are CNC machined from billet aluminum:

→ Manufacturing process allowing two to three times more resistance compared to cast parts.

The calipers are machined in a specific alloy for high temperatures (used on supersonic aircraft leading edges).

### **Integral anodization:**

→ Excellent protection against corrosion



High strength stainless steel protecting clips:  
→ Reduced wear  
→ No noise at taxiing

2 piston High Energy caliper with  
coolings fins  
AEROTEC® patent

