



**Dyna Beads™ UK**  
**No rebalancing.**

Tel: 020 8445 6811  
Email: [info@dynabeads.co.uk](mailto:info@dynabeads.co.uk)  
[www.dynabeads.co.uk](http://www.dynabeads.co.uk)

## **DYNAMIC BALANCING SOLUTIONS FOR COMMERCIAL VEHICLES**

**Move up to a Premium Balancing Media for your commercial fleet!**

**Tired of "Clumping" problems with your powder?**

**Increase profits with a reusable media!**

- **100% solid, high-density Ceramic**
- **No filtered valve cores required**
- **No clumping**
- **Will not abrade inner liner**
- **Clean to work with, no dusty powders or ground glass**
- **100% Environmentally safe**
- **Special air drying tools not necessary**
- **Totally compatible with Nitrogen**
- **Totally compatible with Cats Eye, PBS & TPMS systems**
- **Competitively priced!**
- **Budget friendly - 12 per case**
- **8 oz - 16 oz sizes available**
- **Case Quantities - 12 per case**
- **Online technical assistance**
- **Proven track record since 2000**

If you're a fleet manager or an independent owner/operator, you'll immediately notice the difference that a superior quality, more efficient balancing method can have on any of your vehicles, including higher mileage, longer tyre life and reduced driver fatigue.

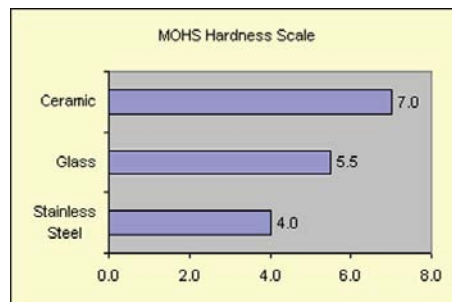
Start reducing your operating costs and maximizing your mileage and wear with the superior tyre balancing solution.



**FLEET BEADS FOR COMMERCIALS**

### **What are FLEET BEADS?**

The FLEET bead is twice the size of our Standard bead. It eliminates filtered valve cores, provides extremely long tire life, never clumps with moisture, and is reusable.



### **HARDNESS**

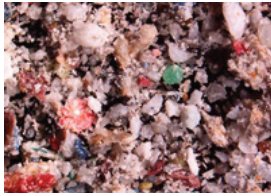
A balancing product that is nice and round with a smooth surface can only perform properly if it stays that way over many thousands of miles, especially important for Fleets.

An important feature of ceramic for use as a balancing media is the relative hardness. The harder the material, the longer it will maintain its original shape and effectiveness.

**Dyna Beads are 100% solid ceramic!**

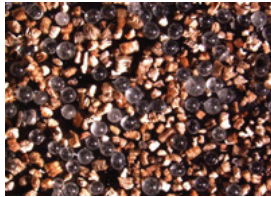


# INNER LINER ABRASION



If you use another product right now, you are probably familiar with rubber dust in your tire. This is not a good thing.

This rubber dust was your delicate inner liner before one of the abrasive materials at the left starting grinding it away.



Your inner liner has one main engineered purpose: to block internal air from permeating the rubber carcass. As the liner gets thinner, it may affect it's ability to retain air.

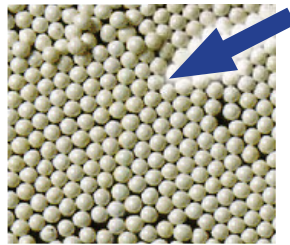
If you look at the enlarged photographs at the left, you can see why these materials are abrasive. They have many small, sharp, rough edges.



Because they aren't round, they have to "slide" around the surface, and the sliding friction, coupled with the abrasive texture, simply eats away at your inner liner.

Rubber dust is another reason why filtered valve cores are recommended for tires using abrasive products.

Now take a look at Dyna Beads™.



There are no sharp edges, it's extremely smooth, round, and solid ceramic. Dyna Beads "roll" around the inner liner, and won't grind away your inner liner in the process.

Which product would you rather have against your inner liner?

## HOW THEY WORK

### 1. TYRE AT REST



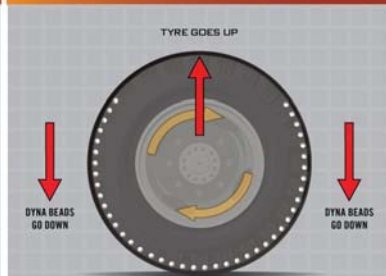
When the tyre is at rest, all the beads are on the bottom.

### 2. TYRE IN MOTION



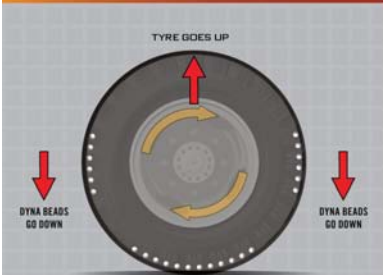
As the tyre begins to roll, the beads distribute equally around the inner circumference of the tyre.

### 3. HEAVY SPOTS IN TYRE



Every time the heavy spot in the tyre goes up slightly and quickly, the beads resist this motion and get forced downwards.

### 4. REDUCED TYRE OSCILLATIONS



As the oscillations get smaller the beads move more slowly to a point of final precise counterbalance.

### 5. NO TYRE VIBRATION



The tyre is vibration free and the beads stay fixed in their position due to centripetal force. Beads not required for counter balance are distributed equally on either side.

**All this happens within a few seconds with no transitional vibration.**



**Dyna Beads™ UK**  
**No rebalancing.**



**Dyna Beads™ UK**  
**No rebalancing.**

**Tel: 020 8445 6811**  
**Email: info@dynabeads.co.uk**  
**www.dynabeads.co.uk**