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# Hoop Bumpers

(Order Code HOOPS-BLK)



The Hoop Bumpers are a set of two hoops that can be mounted on the Vernier Dual-Range Force Sensor (DFS) or the Vernier Wireless Dynamic Sensor System (WDSS) and used with the Vernier Dynamic System. The Vernier Dynamics System consists of a track, two low-friction dynamics carts, and hardware. The hoops allow you to perform a wide range of experiments in kinematics and dynamics.

Experiments include

- Forces during elastic collisions with contact
- Spring potential energy
- Impulse and change in momentum

## What is Included with the Bumper and Launcher Kit?

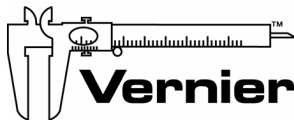
(2) Hoop bumpers (one stiff and one weak)

The Hoop Bumpers are also a part of the Bumper and Launcher Kit (order code BLK).

Special recognition goes to Rex Rice, Clayton High School, Clayton, Missouri who shared with us the idea of the loop spring.

## Warranty

Vernier warrants this product to be free from defects in materials and workmanship for a period of five years from the date of shipment to the customer. This warranty does not cover damage to the product caused by abuse or improper use.



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