



Introducing the Ezzy Universal Cam System

A Brief History of Camber Inducers:

Since the invention of camber inducers in 1982, all cams have fit into two categories: 1) batten-driven or 2) sail-driven.

1) Batten-driven cam:

The batten-driven cam connects the batten and the cam directly to the mast. The batten pocket is open at the luff end, so when you tension the batten, it pushes the cam into the mast and adds profile to the sail.

The advantages of a batten-driven cam are: 1) you can always maintain the correct cam pressure on the mast, 2) fits any mast diameter and 3) rigging and de-rigging is easier because you don't need to thread or unthread the mast through the cams.

Disadvantages with the batten-driven cam system: 1) you need to tension the cam batten each time you rig and 2) since the cam batten pocket is not closed at the luff end, you do not gain very much skin tension when you tension the cam batten.

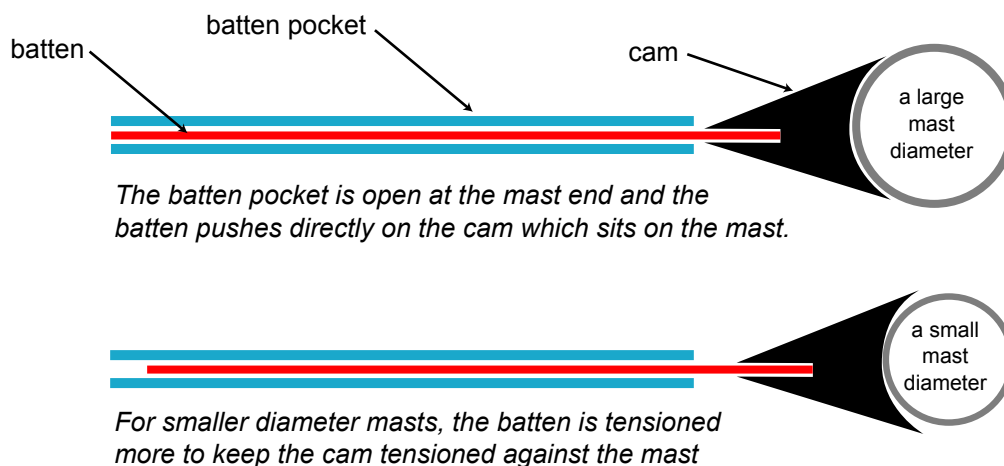


fig. 1, Batten-driven Cam

2) Sail-driven cam:

In a sail-driven cam, the batten pocket is closed at the luff end and the cam acts as a spacer between the mast and the batten. Tensioning the cam batten does not have any effect on the cam. Since the batten pocket is closed at the luff, the more tension you put on your cam batten, the more sail skin tension (and profile) you will achieve.

The advantages of the sail-driven cam are: 1) you don't need to tension the cam batten every time you rig, and 2) You get a higher amount of skin tension.

The disadvantages are: 1) Very mast diameter specific, it won't fit every mast diameter, and 2) can be more difficult sliding the mast in and out because the mast threads through the cams.

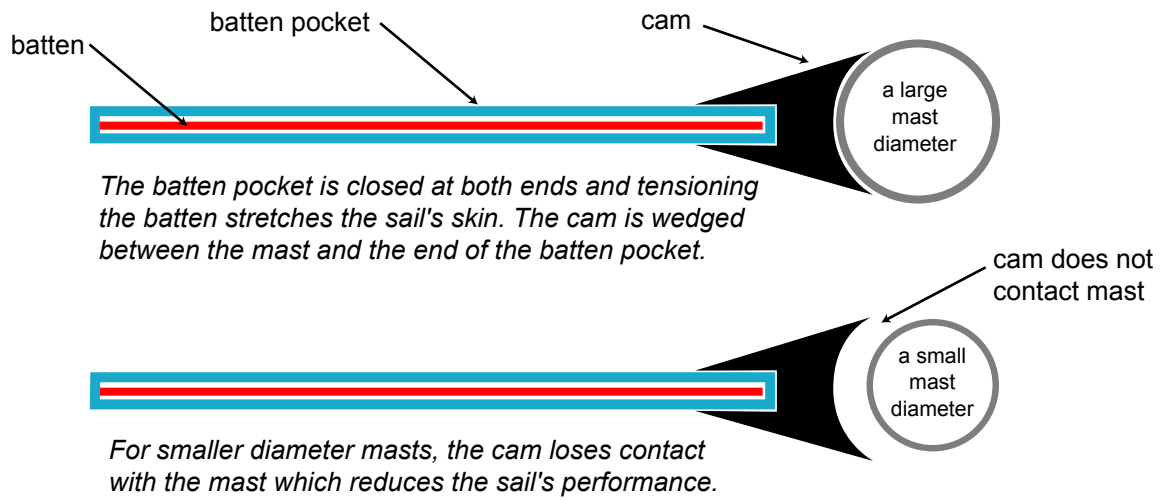


fig. 2, Sail-driven Cam

The New Ezzy Universal Cam System:

The Universal Cam System (UCS) combines the desirable features of a sail-driven cam with those of a batten-driven cam. The UCS fits perfectly with any mast diameter, regardless of the mast brand, while at the same time giving a high amount of skin tension.

The UCS uses a simple system of varying length cam pockets to keep the correct amount of tension between the cam and the mast. This means the cam always has the correct profile and therefore delivers maximum performance.

The Universal Cam System will fit any mast made within the last ten years, including reduced diameter masts. It can be rigged like a batten-driven system where the mast is slid above the cams, or like a sail-driven system where the mast is slid through the cams.

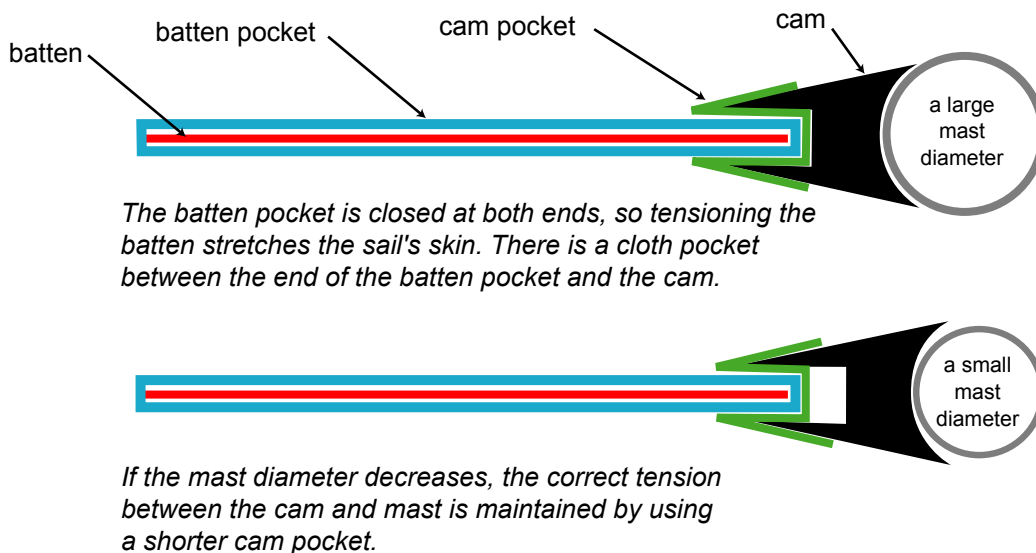


fig. 3, Ezzy Universal Cam System

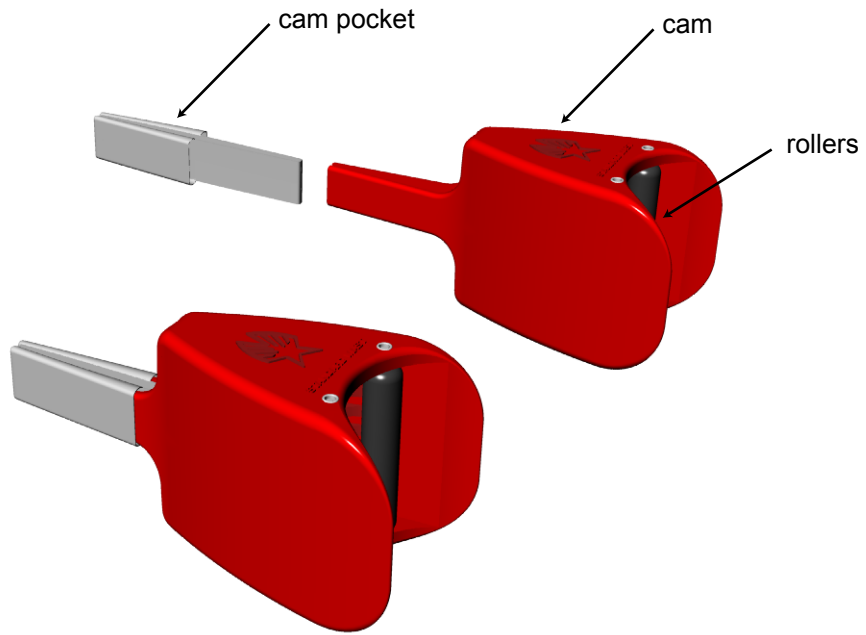


fig. 4, Ezzy Universal Cam