

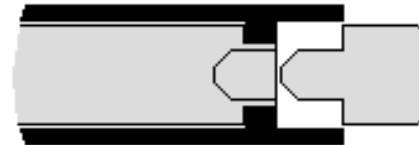
## Winder Handle.



We have traditionally purchased our winder handles from the larger European shutter companies as well as trying some other manufactures. We have all struggled with the winder handles as every brand purchased has problems with the plastic handle falling off. OZ Roll™ is now pleased to introduce our own winder handle and though it looks almost identical there is one major difference.

**Winder Handle: 13.140.000**

This new version of winder handle has a unique handle retaining system that means the plastic handle is there to stay. The enlarged sectional drawings illustrated demonstrate the difference in the old and new type handles.



### The Old Handle.

The metal part of the handle has a small groove cut around the shaft and the plastic handle has a corresponding retainer. This retainer section is quite small, as the plastic section must be forced over the shaft until the retainer clicks into place. The process of forcing the plastic handle over the shaft during production is enough to permanently damage the handle. The very small retaining groove can cut through the plastic section in a short period of time allowing the handle to fall off. This situation can become worse in extreme heat as the plastic expands and the tolerances are enlarged.

### The New Handle.

The metal shaft is made in two pieces allowing for a much larger retainer on the plastic handle. During production the plastic handle is slid over the main shaft and then the end is fitted using a press. As you can see there is no deformation to the plastic during production and the larger plastic retainer is securely held in position.

