

# Product Information

## EPIC UNITENSORS™ (PATENTED)

### FOR VOLKMANN

### FOR VERDOL/ICBT



**EE440095**  
Volkmann Mount,  
Chrome Discs



**EE440095-1**  
Volkmann Mount,  
Ceramic Discs



**EE440095-4**  
Volkmann Mount,  
Ceramic Discs,  
Extended Bottom  
Eye



**EE440095-2**  
Verdol Mount,  
Chrome Discs



**EE440095-3**  
Verdol Mount,  
Ceramic Discs



**EE440095-6**  
Volkmann Mount,  
Chrome Discs,  
Extended Bottom Eye



**EE440095-6A**  
Volkmann Mount,  
Chrome Discs, Ex-  
tended Bottom Eye,  
2 Gold; 1 Black Spring



**EE440095-6B**  
Volkmann Mount,  
Chrome Discs, Ex-  
tended Bottom Eye,  
3 Gold Springs



**EE440095-5**  
UniTensor™ Verdol  
Mount, Chrome Discs,  
Extended Bottom Eye

*Variations in color caused by photography lighting changes.*

*All brackets are aluminum.*

## UNITENSOR™ TOOLS

Remove this handle and this tool becomes EE480437



**EE480436**  
Wrench,  
Manual Nut Driver



**EE480437**  
Tool, for Electric Drill

*All new assemblies will be built with a "P" adjustment stud (short) so the UniTensors can also be mounted in the Volkmann "clear plastic" cabler cap.*

*UniTensors can be built with any desired spring tension configuration using Gold, Black and Silver springs. Contact Epic for more information and pricing.*

**Parts and Services  
you can rely on!**

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# EPIC

EE is an Epic trademark designating Epic parts. UniTensor™ is an Epic trademark. Volkmann is a trademark of Saurer, Verdol is a trademark of ICBT/Reiter.

# Product Information

## EPIC UNITENSORS™ (PATENTED)

The UniTensor™ is primarily intended for use where yarn styles are changed fairly frequently.

**PROBLEM:** When changing yarns using the standard cabler cap tension device, normal practice is to adjust the three tension posts individually, check the resultant tension level with a tensiometer, and then repeat this operation until the desired tension is found. This time-consuming and wasteful operation has to be repeated on every frame position. Further, while a tension device on one position may provide the required tension that is equal to a neighboring position, the manner in which the tension is applied at each post may be completely different. From a practical standpoint, individual tension posts are often unevenly set thus compromising quality. The purpose of having different and increasing spring tensions is defeated. Therefore, it is possible to have a cabling system that gives the appearance of conforming but which may produce cabled yarn at different qualities because of this difference in tension application. Excessive tension may be placed on yarn at any given post, possibly causing yarn bunching, filament separation or broken filaments. Also, this method of adjustment may cause discs to rotate, creating broken filaments which become entrapped in the device necessitating additional labor in device cleaning.

**SOLUTION:** When changing yarns using Epic's UniTensor™, all three tension posts are reset equally and evenly. Settings for the whole frame are done rapidly with reduced yarn waste and almost no contamination of the tension device. Yarn bunching, broken filaments and filament separation are virtually eliminated by the UniTensor™. Progressive spring value is maintained.

Adjustment of the UniTensor™ is easily done at one position on the frame with the color-coded EE480436 Manual Nut Driver Wrench (pictured) and the use of a tensiometer. Once the correct tension is determined on this position, the rear part of the handle of the Manual Nut Driver Wrench may be removed. The tool can then be used in a 3/8" or 8mm (or larger) electric drill with reversing capability. Tool can be purchased just for drill use as EE480437. These color-coded tools permit all other positions on the frame to be rapidly and evenly adjusted to the same color-coded tension setting.

The color-coded tools permit standardization of tension settings for a specific yarn. For example, a specific, desired tensiometer reading for a given yarn may correspond to the black band. This means that all settings for running that yarn should be set to "black". The tools can also be used as a gauge to quickly ascertain that each position is at the proper setting. This color coding is a reference only. Actual yarn tensions should be confirmed by tensiometer checks.

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