



## 25mm SWIVEL BEARING INSTALLATION ON VOLKMANN 05-09ST

Proper installation of the swivel bearing on Volkmann 05-09ST is crucial. If the bearing is improperly installed, it can lead to very costly or even unreparable damage to the machine sampsons (frames), the gearbox, gearbox seals and shafts.



EE401898 Swivel  
Bearing, OEM Ref  
012028, 065091

The swivel bearing uses a tapered sleeve. The large outside diameter of the sleeve always goes to the head end (gear end) of the machine with the exception of the very last bearing. On the last machine sampson at the foot end (motor end), the large outside diameter of the sleeve is away from the head stock.



EE401041 Dust  
Cover for Swivel  
Bearing, OEM Ref  
038534, 050894

Using the following installation procedures will reduce shaft movement and stress on the gearbox components:

1. Bearing should be placed in center of sampson using a tapping tool that will allow the pressure of the tapping motion to be on the outer race of the bearing.
2. Next, the sleeve should be placed on the shaft and the shaft placed in position on the machine.
3. With the shaft in position, slide the sleeve into the inner race of the bearing.
4. Using the proper tool, gently tap the sleeve into the inner race. The sleeve should lock in with the bearing still in the center of the sampson. This movement is toward the foot end (motor end) of the machine with the exception of the last Sampson at the motor end of the machine which is reversed (or toward the gear end). On the 05/05C, the first and last sampson use a fixed bearing rather than a swivel bearing.
5. When the sleeve is in place, use a small chisel to turn the sleeve tips up slightly at the split. This will keep the sleeve from working its way back out of the bearing during operation.
6. Make sure the bearing is properly lubricated and the seals/dust cover (EE401041) are replaced in the sampson.
7. Installation is complete.

Never combine new and used parts. The outside diameter of the sleeve is designed to seat into the inside diameter of the bearing race once it has locked into position. This usually creates a ridge on the sleeve. If new and used parts are combined, the exact same seating is highly unlikely which could result in the bearing turning on the sleeve, the sleeve turning in the bearing, the sleeve turning on the shaft, or the bearing turning in the Sampson. Either of these situations will result in costly repairs.

*Continued from column 1*

To eliminate the possibility of these costly and unnecessary repairs, EE401898 Swivel Bearing should only be purchased as a complete unit.

When reusing the bearing and sleeve, always use the same bearing and sleeve combination and replace it in the exact location from which it was removed. If reusing the 25mm shaft, always replace the shaft in the same machine section and position. The shaft should also be replaced in the same direction.

## AGENT ANDRES MEJIA FROM GUATEMALA VISITS IN MAY

Epic was pleased to welcome Andres Mejia for a visit in May. Andres is the son of Frank Mejia, and together they represent Epic in Guatemala and El Salvador as La Internacional Representaciones. The firm acquired official Epic agent status in 2006.



Andres Mejia visits with Eva Newton

Andres graduated from Galileo College, Guatemala City in April with a degree in Business Engineering, and is enthusiastic about keeping the family business going strong. Frank Mejia lends technical assistance from his textile business and industry experience of over 50 years.

La Internacional Representaciones has been in business for 15 years. They are a representative company for textile and industrial companies from all over the world that want to sell their products in the Central America market. They routinely visit Guatemala, El Salvador and Honduras.

While visiting Epic, Andres toured some of the local sites in North and South Carolina with Epic International Sales Manager, Mark Warren. The pair visited a few Epic customers and saw some of the newest machinery in the industry in operation, before continuing on to the ATME-I exhibition in Atlanta, GA.

It was a pleasure for everyone at Epic to meet Andres. Photographed here with Andres, is Epic's International Sales and Marketing Representative, Eva Newton.

*Continued—column 2*

## SPRING/SUMMER CLEANING

It is that time of year, pollen is receding; flowers are in bloom. It is time for spring/summer cleaning! Let Epic help you get your plant in shape for the booming summer months. Epic can refurbish your worn-out spindles, recover your friction rollers with fresh new aprons, recoat your conveyor drive rolls, update your tension devices with fresh new components, clean and restore your rings to peak porosity, repair those worn out twister pots with new stainless or aluminum bottoms, or assist in getting your gearboxes humming, etc... It is the time of year to shine!



Backyard Photo: Southern Pines, North Carolina, Compliments of Mike Walker, Epic Chief Engineer

## SMALL DETAILS OVERLOOKED ON SUPERBA HEATSET CAN COST BIG MONEY & DOWNTIME

One item often overlooked are the proximity switches that control head shift. They are often left loose after adjustments are made. The vibration of the machine can cause these to move and allow the stainless steel belt to run out of alignment. This can damage the condensation shields and the belting. Always tighten the switches down after any adjustment is made.

The second overlooked item is worn transport drum rings. This can cause the stainless steel belting to run over the edge of the transport causing the belt to crease, which will also cause the belt to start cracking after it has run for a period of time. These should be checked and replaced on a regular basis.

The third item requiring periodic checks are the stainless belt tracks on the bottom of the tunnel. Worn stainless belt tracks can cause the stainless belting to hang, resulting in subsequent damage to the belt. These should also be checked and replaced on a regular basis.

The fourth and final maintenance item to check is the ceramic guides that the yarn travels through. If they are cracked or missing, this can cause the fiber to fray or break and this can show up as defects in the finished product. Ceramics should be checked on a daily basis and replaced as needed.

## EPIC PUSHING THROUGH HARD TIMES

Epic has continued to add new products during these last few difficult years of the global recession. Since January 2008, we have added approximately 243 new items (includes components of assemblies) to several machine product lines.



Experience has taught us that by being disciplined, you can get through the hard times. Life is not smooth and we are guaranteed rough spots. Epic management realized early on that one must take ownership of a problem to be able to take action to address the problem. Taking ownership is about change—making the change necessary to move forward, changing behaviors that are not working, and dealing with the situation as it is and not as you want it to be. We have tried to use any unplanned obstacles as opportunities while keeping our goals in focus and remaining committed to our mission statement: “To Earn and Maintain the Trust and Respect of all our Valued Customers, Suppliers, and Employees by Demonstrating our Total Commitment to Achieving Perfection in our Everyday Performance”.

Thank you for supporting us through these trying times. We appreciate your business!

New items can be viewed on Epic's website:  
[http://www.epicenterprises.com/new\\_parts.htm](http://www.epicenterprises.com/new_parts.htm).



## TIRED OF SEEING MESSY CHALK ALL OVER YOUR PLANT FLOORS?

EpiMark Yarn and Fabric Markers can be the solution to your messy chalk problems! Please contact us for free samples by emailing [epic@epicenterprises.com](mailto:epic@epicenterprises.com) or calling 1-800-648-7273 toll free in the USA. International number is 910-692-5441.



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