

CATEGORY: Recommended At Next Machine Maintenance

Summary: CarnaudMetalbox Engineering introduces a double loop coupling to prevent machine downtime caused by failure of existing resolver coupling misalignment.

As a result of customer feedback CarnaudMetalbox Engineering has changed the coupling used on the resolver assembly (for both standard infeed and intermediate infeed alike), from a standard coupling to a double loop design (shown in **Fig 1.** below). This allows for a greater tolerance of misalignment on the concentricity between the shaft and resolver.

Benefits for customers:

1. Reduces maintenance and machine downtime.
2. Ensures longer lifespan of components.
3. Easier set-up with greater acceptance of misalignment.



Fig 1. Double loop coupling

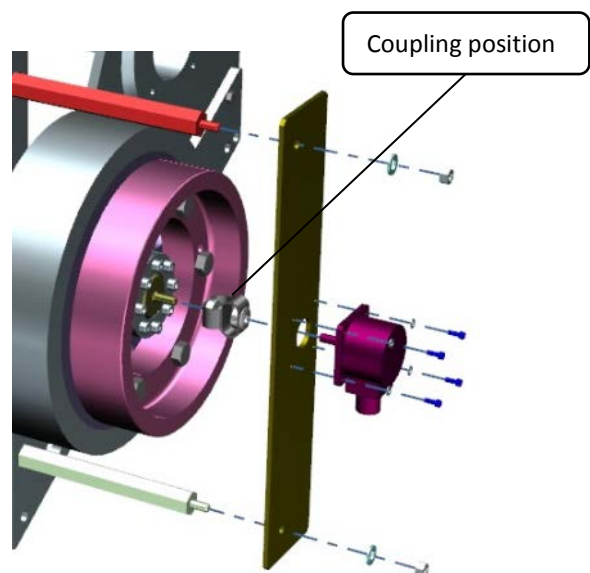


Fig 2. Coupling assembly

Replacing the standard coupling with this new double loop design reduces the risk of coupling failure caused by the shaft and resolver not being concentrically aligned. This new coupling offers a parallel misalignment of up to 2mm, as opposed to the older coupling which allowed only a 0.25mm parallel misalignment (making operator set-up more difficult).

NOTE: For further information regarding this Technical Bulletin please contact either of the contacts below quoting Technical Bulletin number **TB3400-024** and your machine Serial Number. A complete library of technical bulletins is available on the company web site.

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