



MR. MARK'S MAINTENANCE TIP

CHAIN FAILURE IS PREDICTABLE!

◆ Measure from ctr. of brl. to ctr. of brl.

Fig.1

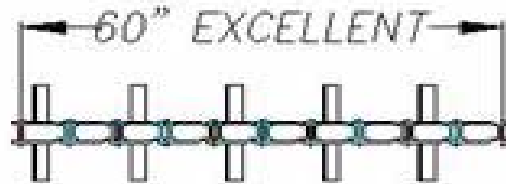


Fig.2



Fig.3



MR.MARK

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Chain life is predictable provided good chain engineering applications are applied. The key to the longevity or life of the chain is working load applied versus working load required. Generally speaking no two conveyors are alike. Each is engineered from standard components for a specific application and location. Here at Tramco one of the primary functions in designing your conveyor is determining the working load required. *Example:* If working load required is 10280 lbs we would apply at first view a 15000 lbs working load chain. This is approximately 50% greater than required which we would consider a minimum factor for continuous service. Chain manufacturers have established the maximum allowable wear for proper tooth engagement to be 5%. Listed below are examples of how to measure chain stretch.

- ◆ As in figure 1, we are measuring 60" or 10 links of 6" pitch = 60" **excellent**.
- ◆ As in figure 2, we are measuring 60" or 10 links at 6" pitch=61 1/2" **fair**.
- ◆ As in figure 3, we are measuring 60" or 10 links of 6" pitch = 63" **please replace**.

If you or an associate would like to receive these monthly tips, please fill in the blanks and send this fax back to us. Thank you!

Name:	E-mail:	Fax:	Title: