



## Diamond EHT Pins

### Superior Performance in High Speed, High Temperature or Abrasive Environments

Diamond EHT (Enhanced Hardening Treatment) is an optional pin heat treatment available on most carbon steel Diamond Series roller chains\*.

- ◆ Unique case-hardening process maintains pin hardness in demanding environments and where regular lubrication is not practical
- ◆ Engineered for superior performance in harsh conditions without adverse wear in ambient environments

## Diamond Legume Harvester Case Study

### A Solution for the Agriculture Industry

A leading vegetable harvesting company was experiencing premature chain wear on its legume picking machine. In order to harvest these vegetables, roller chain comes in direct contact with dirt, which in turn causes an excess buildup of debris in the pin/bushing joint. This excess dirt eventually caused the competitor's chain to fail by wearing down the components.



Read the full case study to see how switching to Diamond EHT pins is projected to save the company \$18,200 over five years.



\*Diamond EHT pins are available on most carbon steel material Diamond Series roller chains, with the exception of high strength or hoist and lift chain. Those chains utilize medium carbon through-hardened steel pins for higher tensile strength and fatigue resistance (but less wear life). EHT is not available on stainless steel chains.

To specify EHT pins, add "EH" to the product part number (e.g. 60 EH).

[diamonddrives.com](http://diamonddrives.com)

Diamond® chains are part of The Timken Company's growing portfolio of engineered bearings and industrial motion products.

