

# INFORMATION BULLETIN

October 22, 1998

## DRESSING KEYS AND DEBURRING KEYWAYS

### MODELS INVOLVED

Drive Pulleys, Driven Pulleys, Axles, Flywheels and other types of machined parts.

### SYMPTOM

As it is extremely difficult to maintain a perfect tolerance between keys and keyways, it is standard practice to perform a fitting operation at the time of installation. Burrs remaining on a machined part, a Drive Pulley for example, can cause components to fit incorrectly. This will make installation and/or removal almost impossible.

### What is Dressing?

This is the action of lightly filing or sanding the key or key stock to properly fit a keyway for an axle or shaft as needed.

### What is Deburring?

Burrs are unwanted raised material remaining on a machined part as a result of a manufacturing operation. Burrs need to be removed for assembly of components because burrs can cause field failures when they fall off.

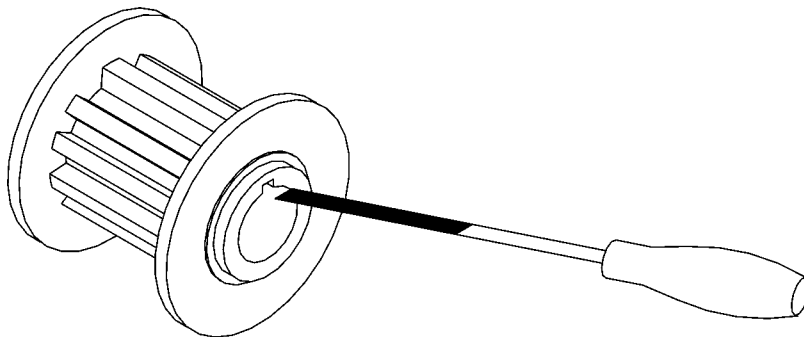
### The Fit:

Keys should be installed by Hand and be sure they do not have any excess clearance to the key way.

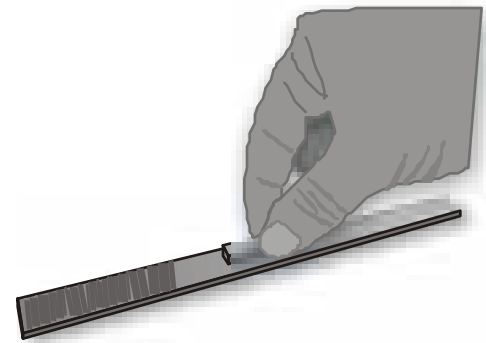
### CORRECTIVE ACTION

Using a suitable tool, like a square file, flat file, sanding board or a deburring tool, deburr edges of the key way as shown in picture below.

**DEBURRING**



**KEY DRESSING**



If you any questions please call