

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.

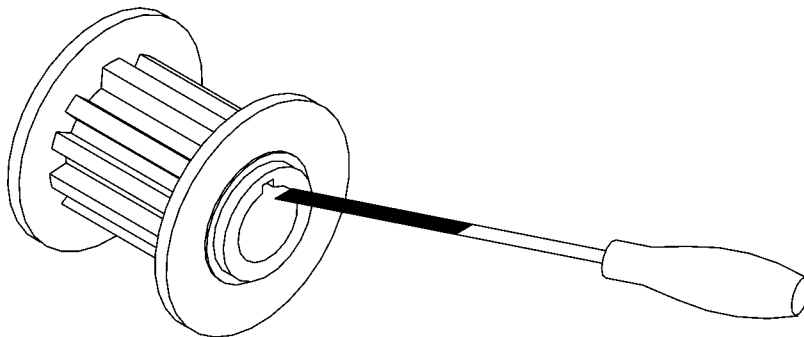
The Fit:

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

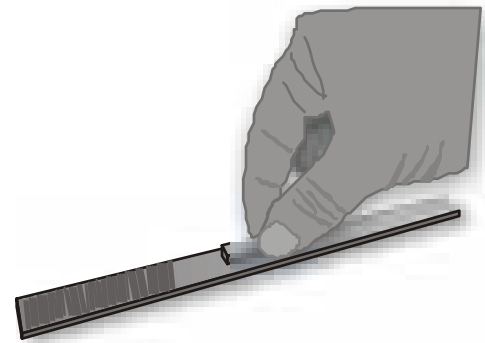
CORRECTIVE ACTION

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