



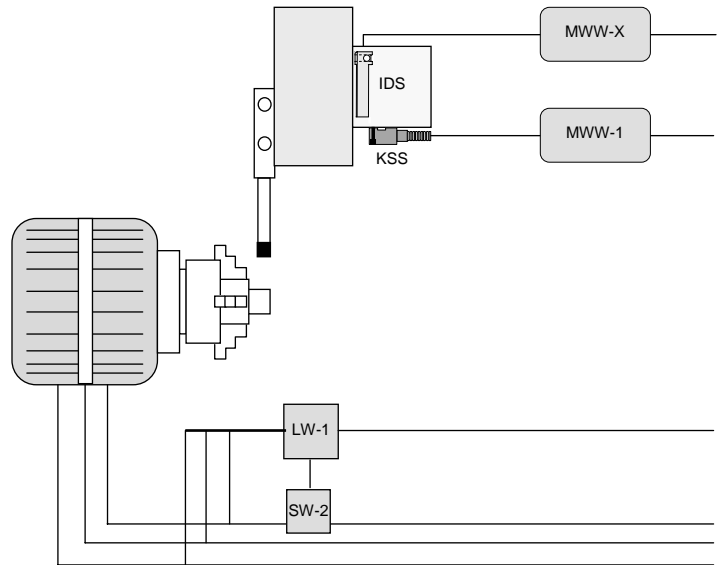
# Monitoring Turning, Boring, and Form Tools

## Target - setting

- Detection of tool breakage
- Improvement of workpiece quality
- Increasing of tool life
- Reduction of tool cost

## Typical use

- Turning machines
- Transfer lines
- Special purpose machines



## Easy monitoring

- Tool breakage by active power

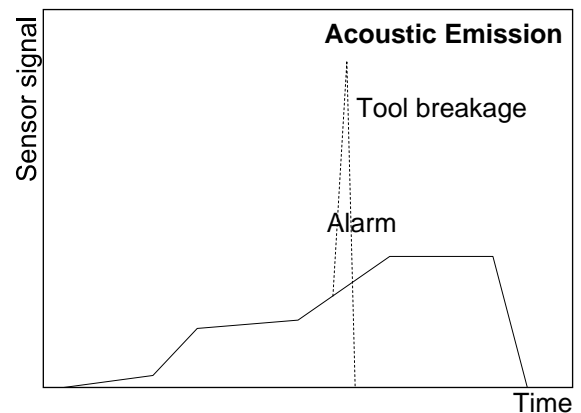
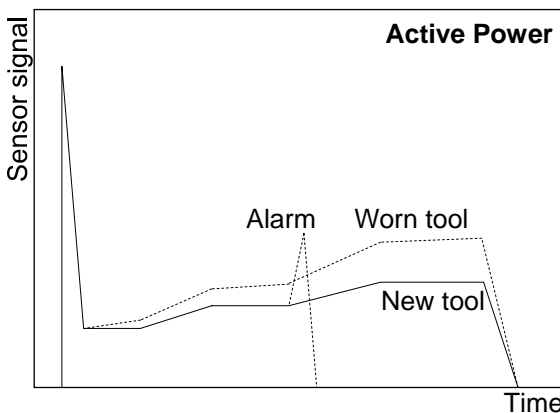
## Advanced monitoring

- Wear detection by active power
- Chipped tools detection by KSS

## Difficult monitoring

- Cuts on raw material (e.g. cast iron parts) due to the undefined condition of the surface. The beginning of the process is not reproducible

## Signal



For further information contact SPC Innovations, Inc.