



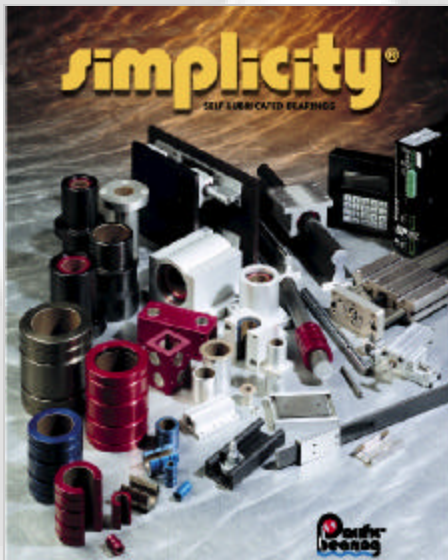
# APPLICATION STORIES

## The Application:

### Sliding Doors Needed Constant Repair

The original sliding door used to protect grinding station operators from flying swarf had a high failure rate. With nine transmission ring grinding stations throughout the plant, skilled mechanics were called out to repair these doors over 240 times in one year or an average of once a day.

The original 12 gauge steel sliding door was guided by two "V" tracks and grooved rollers. The steel chips from the grinding operation was building up between the "V" grooved rollers and the track system, causing the door to jam.



## The Solution:

The Pacific Bearing territory manager and local distributor recommended retrofitting the sliding doors with the Feather Rail™ (CCR12-048) and two FrelonGOLD® pillow blocks (PN-12) inverted and mounted. After three weeks of running flawlessly, the customer decided to retrofit the other nine machines. All of the retrofitted machines continue to run smoothly and the skilled mechanics have more time for other projects.



## Cycle Information

Door Load: 20 lbs. bearings.

Bearings Per Rail: 2 @ 13 inch centers

Actuation: pneumatic cylinder

Stroke: 26 inches

Cycle time: 30 sec./800# per day

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