



SCHAEFER
TECHNOLOGIES, INC.

Computerized Shim Selector Gage for Worm Gearboxes

A computerized assembly procedure for worm gear speed reducers that eliminates the need for highly skilled assemblers – saving time and money by increasing assembly speed and accuracy.

- Accurately locates the theoretical worm-gear centerline relative to one bearing shoulder
- Accurately measures each assembly component
 - Measures the stack height of the output assembly
 - Finds the exact centerline of the worm-gear
 - Measures the reducer housing and output bearing retainer to determine the location of the front and rear bearing seats relative to the housing face
- Uses statistical average dimensions to automatically calculate exact front and rear shim-pack requirements eliminating the need for multiple assemblies and disassemblies.
- Centers the worm gear and gives the desired bearing endplay.
- A computer data screen shows the number and thickness of the shim to place behind the front and rear bearing cups
- Eliminate the need for bluing, dial indicators and highly skilled assembly personnel



Contact us for more information

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