

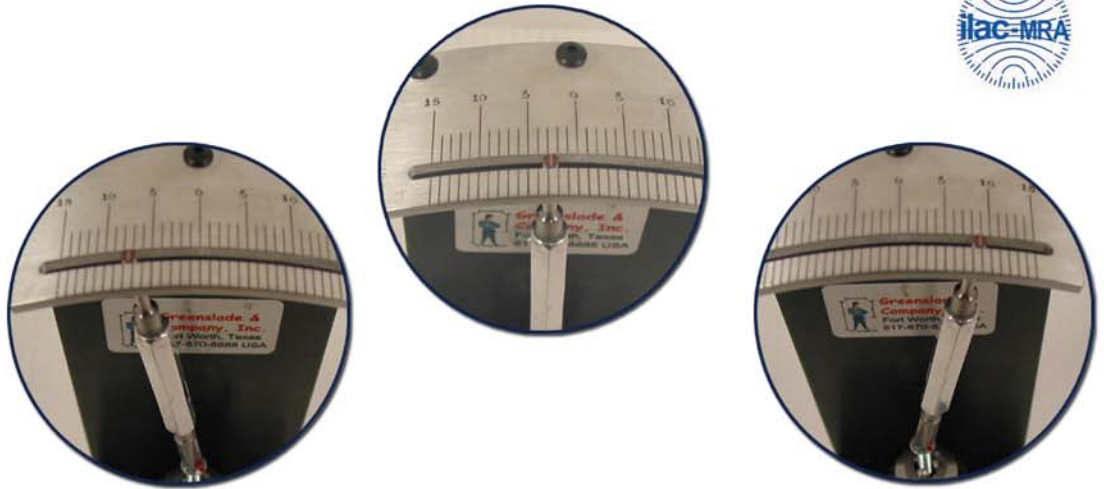


Greenslade & Company, Inc

**Fastener Inspection Equipment
Innovative Gage Design
Dimensional Calibration**



Wobble Gage



Wobble gaging provides a means for determining the compatibility of cross recesses in the heads of machine, tapping and wood screws with companion screw drivers and will indicate the point where deviation in the recess contours affect satisfactory driver engagement. Recesses which exhibit excessive wobble characteristics will cause poor screw drivability because of driver camout prior to attaining normal torque level, damage to recesses, and/or accelerated driver wear.

The screw to be gaged shall be placed into the screw holding chuck and oriented such that the set of recess wings is parallel to the upright back plate. The screw shall be so positioned and the chuck shall be tightened sufficiently to prevent any tilting of the screw in the chuck when taking wobble readings.

The position gage pointer and handle with the proper master plug gage for the recess size being checked shall be positioned in the slot of the degree scale on top plate and the point of the plug gage inserted into the screw recess. It is essential that registry between the cross lines of pointer and the recess wings be maintained. To correct any misalignment, the chuck position lock screw is loosened, and the chuck is rotated until registry is obtained, and the chuck raised or lowered until the gage pointer is flush with the top of the degree scale. The chuck position lock screw is then tightened and the readings taken. The gage handle, with downward pressure applied, is moved from side to side until resistance is encountered and the total reading between points of travel of the gage pointer is recorded. Cross lines on gage pointer should be rechecked with plug gage wings to make certain cross lines and gage wings are registered on identical radials. This gage meets the requirements of ASME B18.6.4

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