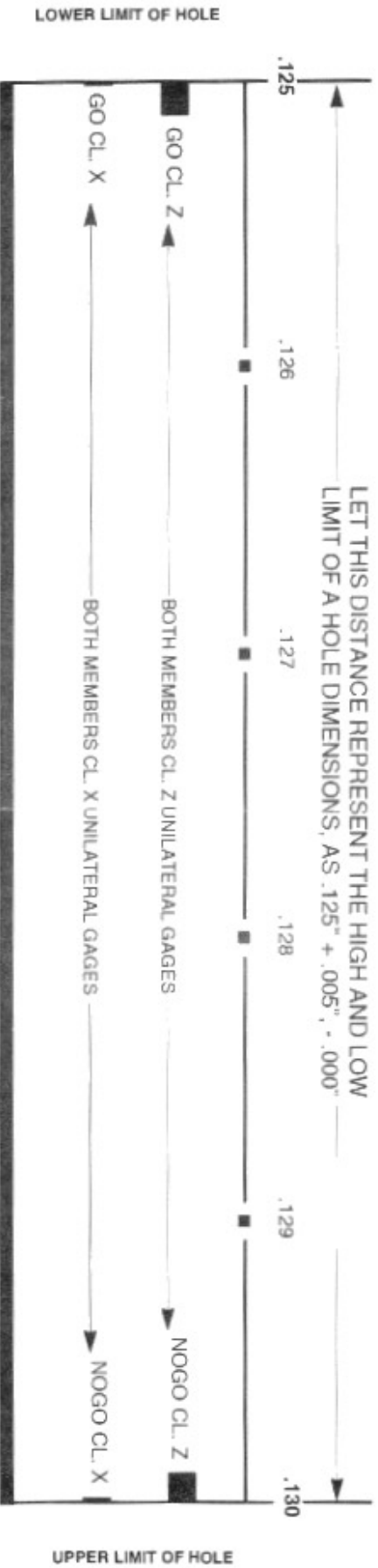


A Comparison of Gage Class to Part Tolerance

Your choice of class should be determined by your part tolerance, i.e. if the part tolerance is in tenths, a Y, X or XX should be ordered. If the part tolerance is in thousandths, a Class Z should be ordered.

.....

With a large part tolerance as below, a Class Z should be used. Using an X in this case results in a more expensive gage and a go gage that will wear out faster.



With a tight tolerance as below, a class Z Gage could use up 40 percent of the part tolerance and should not be used. An X or XX should be used so that less part tolerance is used up by the gages.

.....

LET THIS DISTANCE REPRESENT THE HIGH AND LOW LIMIT OF A HOLE DIMENSIONS, AS .125" + .0005", -.0000"



The blackened areas at the end of the arrows are the charts to the left represent standard gage makers' tolerances for the class indicated.

PRECISION GAGES FOR INDUSTRY

The purpose of this guide is to show the use of Plug Gages and assist the purchaser on selecting the right class.

Zero Check is a family-owned business that has strived to make a quality product and ship it promptly for over 35 years.

We manufacture Steel Plug Gages up to 1.010" and Trilock styles up to 6.010" in all classes.

We also manufacture steel rings from .050" to 5.510" and carbide rings from .050" to 1.510".

We look forward to supplying your cylindrical gaging needs and helping you with any questions related to gaging.

We listen to our customers and always welcome your comments

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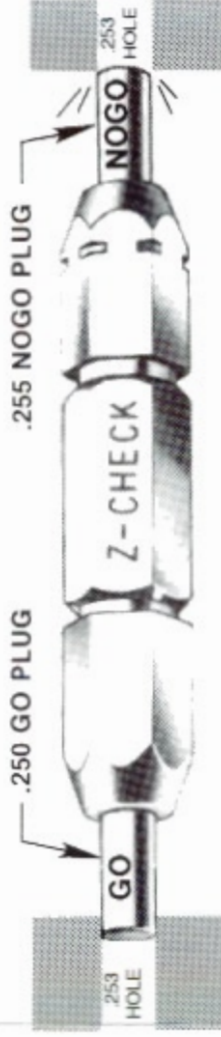
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Plug Gages

Their use and purpose

The GO and NOGO principal is easy to use

When the Go Plug enters the hole and the Nogo Plug does not, the hole diameter is in tolerance.



The GO gaging member must enter the hole, proving the hole is big enough.

The NOGO gaging member must not enter the hole, proving the hole is not too big.

The hole has been CHECKED (but not MEASURED) and found to be within tolerance. This is a quick and easy check and is the purpose of go-nogo gaging.

PRECISION GAGES FOR INDUSTRY