

DELTRONIC Known-Size Masters



Cylindricals with actual size certified to within 2½ millionths (.000,002,5")



The Deltronic Metrology Laboratory now offers low cost master cylindrical standards with "known-size" diameters, as calibrated to the nearest five millionths (.000,005"), and roundness charted to the nearest millionth (.000,001").

Any .0001" step size from Deltronic's gage stocks (range; .0040" to 1.0120") is available with calibration.

Each Known-Size Master is supplied with a Certificate of Calibration showing the exact size near each end of the gage, plus a roundness calibration (polar chart) plotted to the nearest millionth on a spindle of guaranteed half-millionth accuracy (see below, "Taylor-Hobbson Talyrond 265").

Known-Size gages can be used as setting masters to "zero" electronic comparators, supermikes, air gage rings, etc. (Example of use: A half-inch

Known-Size Master is selected for setting a comparative instrument. Its calibration certificate shows the master's diameter to be .500,025". The electronic amplifier is set to zero plus 25 millionths, the actual size of the master, in order to read exactly zero when a part that is exactly a half-inch is measured on the comparator).

Diameter calibrations are accompanied by the NIST number assigned to our National Institute of Standards and Technology-calibrated master blocks.

***For this Known-Size Master Service
Please Call for Pricing.
Shipment will be delayed for one Day**