

PRODUCTS

ELECTRONIC CHAMFER GAGE



WITH DIGITAL READOUT AND SPC CAPABILITIES TO INSTANTLY MEASURE TOP DIAMETER OF TAPERED HOLES

The BARCOR Electronic CHAMFER GAGE is a precision instrument designed specifically to measure the top diameter of chamfers, countersinks, center drills, or tapered holes. Simply press the Electronic CHAMFER GAGE's spring loaded Gaging Plunger into the piece being measured and directly read the size in .0002" or .005mm with the SAME gage. Or, at the press of a button, change to Comparative Mode from a known standard.

Like BARCOR's well-known mechanical counterpart, the Electronic CHAMFER GAGE requires no Setting Master (Standard) or lookup chart. To "Zero" or "Set" the gage, just press the base against any flat ground surface and press the "on" button. Equipped with rechargeable long-life batteries, the gage may also be powered continuously through its 110 VAC adapter/battery charger or directly from a printer, PC, data collector, etc.

Over 320 standard BARCOR Electronic CHAMFER GAGE Models are available, for two angular ranges, 0-90° and 90-127°, for both internal as well as external chamfers. The standard Electronic CHAMFER GAGE is equipped with a hardened tool steel Gaging Plunger. Optional solid Carbide Plungers with LIFETIME wear guarantee are also offered.

Similar in appearance to BARCOR's popular mechanical CHAMFER GAGE, BARCOR'S Electronic CHAMFER GAGE is completely self-contained and fully portable, with no tandem units, attachments, cables or external power required. The Electronic CHAMFER GAGE features a special indicator designed solely for chamfer measurements, based on the geometry of the Gaging Plunger. The indicator's special 360 Degree rotational bezel allows the user to read in any position. It also features "Inch/Metric" and "Hold" capabilities, and a high contrast, easy-to-read, large, LCD Digital Display, for error-free readings.

Full SPC capabilities make the BARCOR Electronic CHAMFER GAGE compatible with virtually all brands of data collectors, either directly or through BARCOR'S optional Gage Port. For use in conjunction with a specific data logger, interface, processor, etc., contact factory for details.

IDEAL FOR:

- CHAMFERS/COUNTERSINKS
- QUALITY CONTROL/GAGE ROOM
- MODEL SHOP & PROTOTYPE
- SCREW MACHINE PARTS
- AIRCRAFT COMPONENTS
- PRODUCTION MACHINING
- HYDRAULIC FITTINGS
- AUTOMOTIVE ASSEMBLY
- RECEIVING INSPECTION
- VALVE SEATS
- SHAFT CENTERS
- INSTRUMENTS
- RIVET SEATS
- TUBE FLARES
- PISTON RINGS
- STAMPING
- CASTINGS
- BUSHING

- Similar in size, weight, & appearance to BARCOR's popular mechanical CHAMFER GAGE. Self-Contained and Portable.
- Guaranteed Accuracy: ± 0.0005 " for 90° Models; ± 0.0009 " for 127° Models. Repeatability: within ± 1 least significant digit.
- Two Modes: Direct Reading as called out on part print; and Plus/Minus Comparative from a "Zero" established with Master or verified piece part.
- True, instant, Inch/Metric Switchability to measure the same reading in either inches or mm with the push of a button.
- No Setting Masters (Standards) or look-up-charts required. Optional NIST (NBS) traceable Setting Masters offered.
- Long-Life Batteries
- Can also be powered continuously through its A/C Adapter or directly from a printer, PC, data collector, etc.
- AGD Group 2 indicator has large, easy-to-read, LCD Digital Display, with three modes, dimensional "Hold", and full 360 Degree Rotational Bezel, for convenient and error-free viewing.
- Full SPC capabilities: compatible with virtually any brand of equipment, directly through Gage Port. Open Collector RS-232 C Serial Type Output Signal, BCD Parallel or Mitutoyo,
- Available for all of BARCOR's 320 Models, including Carbide and External Type OD for male tapers.

