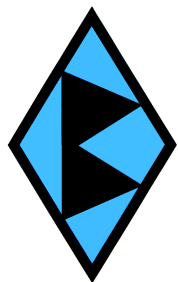
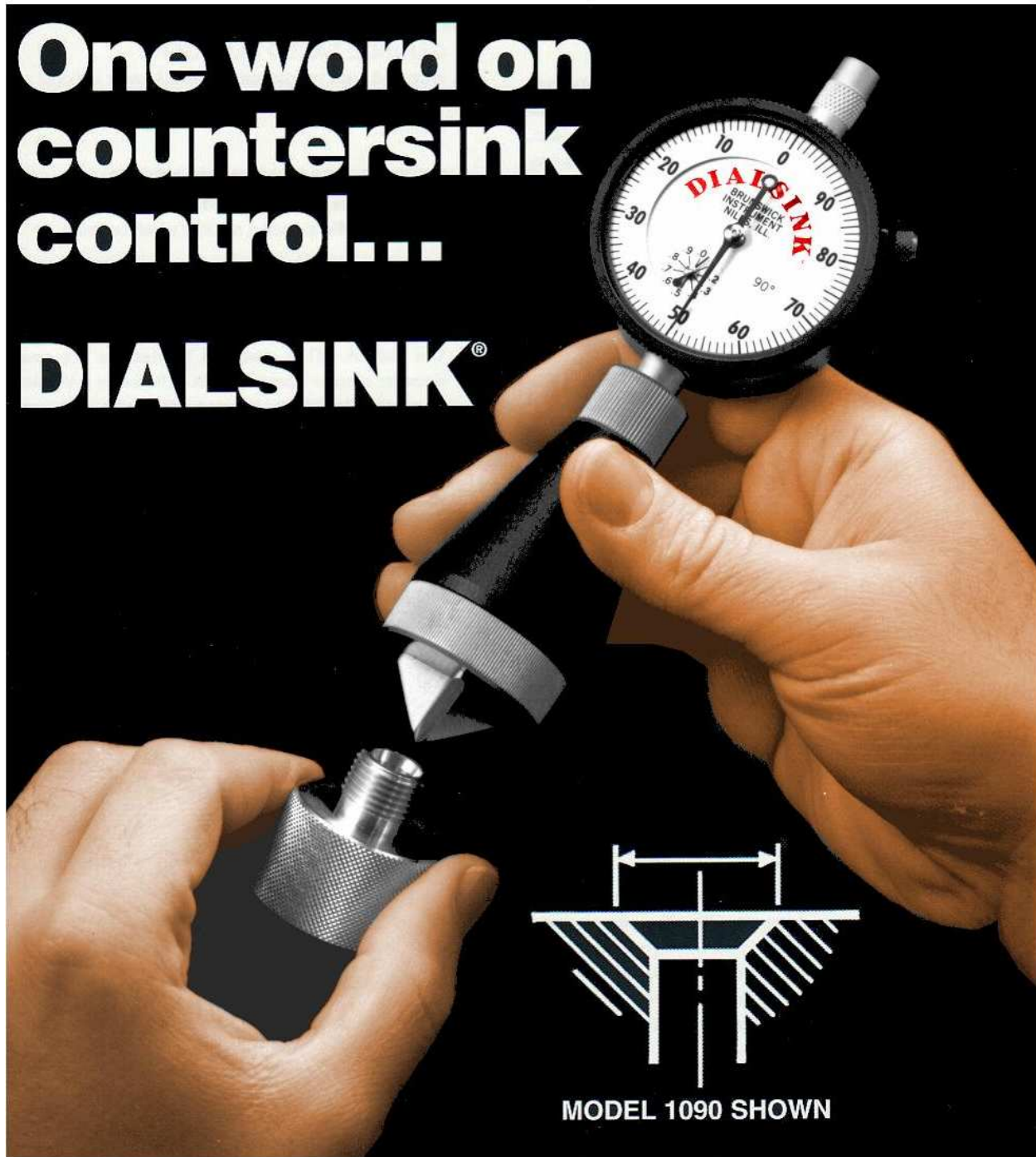


**One word on
countersink
control...**

DIALSINK[®]



Brunswick Instrument

Sharing your commitment to quality

BRUNSWICK INSTRUMENT DIALSINK

The Dialsink gage is unsurpassed for fast, accurate measurement of diameters at the top of tapered holes. Countersinks, chamfers, center drilled holes, valve seats, etc., can all be quickly measured to within .001". Such holes may be found in castings, stampings, shafts, spindles, gears and many types of screw machined parts.

The Dialsink is easy to use. Simply insert the three blade plunger into the hole, press the Dialsink firmly against the part with a slight twisting motion, and read the diameter directly to three decimal places on the dial face.

No setting master is necessary. Each unit, after calibration in our factory with a set of precision standards, is assigned a "SET TO" number. When the base of the gage is pressed against any smooth, flat surface, the outer dial of the indicator can be set to read the "SET TO" number stamped into the indicator back.

The Dialsink is available in two angular ranges and five diameter capacities. Use the 0-90 degree Dialsink if the total included angle of the hole is 90 degrees or less. If the angle is between 90 and 127 degrees use the 127 degree Dialsink. 0-90 degree models are guaranteed accurate within +/- .001". 90-127 degree models are rated at +/- .002". The 0-1/2" models are especially small and light. They have been specifically designed for tapers, countersinks and chamfers in the ends of tiny screw machine parts.

Dialsink gages are built rugged to withstand constant use on production lines or at the machine. The plunger and base plate components are made of hardened, chrome plated, alloy steel and only the finest American made dial indicators are used. They are equally well suited to inspection departments, gage labs and receiving inspection areas.

Brunswick originated the Dialsink type gage over thirty years ago and has manufactured thousands of them ever since.

Model	Diameter range	Angle range
5090	0-1/2"	0-90
1090	0-1"	0-90
2090	1-2"	0-90
3090	2-3"	0-90
4090	3-4"	0-90
5127	0-1/2"	90-127
1127	0-1"	90-127
2127	1-2"	90-127
3127	2-3"	90-127
4127	3-4"	90-127

DIALSINK OPTIONS

CARBIDE FACED PLUNGERS

Improved wear resistance is available with optional carbide faced plungers. Add "-CF" suffix to model number when ordering.

METRIC READING INDICATORS

Dialsink gages can be supplied to read in .01mm increments. Add "-M" suffix to model number when ordering.

DIALSINK TYPE O.D.

The Dialsink OD is designed to measure the small end diameter of male tapered shafts. The same principle of the standard Dialsink is inverted to enable fast, accurate measurement of external tapers.

Model	Diameter range	Angle range
OD1090	3/16 - 1"	0-90
OD2090	1-2"	0-90
OD3090	2-3"	0-90
OD1127	3/16 - 1"	90-127
OD2127	1-2"	90-127
OD3127	2-3"	90-127

Add "-M" suffix to model number when ordering metric indicators

DIALSINK 60

The Dialsink 60 is specifically designed for measuring the depth of center drilled holes. The 60 degree plunger duplicates the way in which a 60 degree machine center would seat in the part. Whenever center drill depths must be held constant to control a subsequent operation (like grinding shoulder lengths) the Dialsink 60 provides a quick and easy method of checking or sorting.

Model	Diameter Range	Angle
1060	.040" - .650"	60 Only

Add "-M" suffix to model number when ordering metric indicators.



Brunswick Instrument, LLC

21535 County Hwy. X
Kiel, WI 53042 USA

Phone: (920) 894-1176
FAX: (920) 894-1162

www.brunswickinstrument.com