

**PRODUCTS**

**COUNTERSINK GAGE**



**INSTANTLY MEASURE COUNTERSINK DIAMETERS**

The BARCOR COUNTERSINK GAGE is a precision instrument designed specifically to measure the top (major) countersink diameter. Merely press the spring loaded, exact angle Gaging Plunger into the countersink and read the dial directly in .002" or 05mm diameter increments on the dial face.

The COUNTERSINK GAGE is a direct reading gage. It reads the dimension as called out on your print. This gage gives you fast, accurate, and repeatable readings on the shop floor or in the Gage Room. Virtually foolproof, even the inexperienced can use the COUNTERSINK GAGE with reliable results.

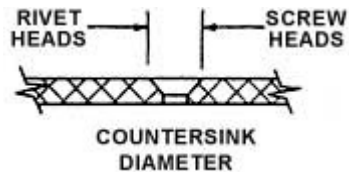
**IDEAL APPLICATIONS:**

- Chamfers/Countersinks
- Hydraulic Fittings
- Screw Machine Parts
- Aircraft Components
- Production Machining
- Automotive Assembly
- Quality Control/Gage Room
- Model Shop & Prototype
- Receiving Inspection
- Valve Seats
- Rivet Seats
- Tube Flares

**MODIFICATIONS OR SPECIALS ON REQUEST**

**ALSO AVAILABLE WITH DIGITAL ELECTRONIC VERSION AND SPC**

- 84 Models (42 English/42 Metric) provide a diameter range from .020" (.50mm) to 1.180" (30.00mm). for 30°, 60°, 82°, 90°, 100°, 110°, and 120° countersink angles.
- Special angles such as 15°, 78°, 127°, 130°, 160° or ANY other angle from 0° to 180° can be furnished upon request.
- Full-round, conically ground, exact (dedicated) angle Gaging Plunger instantly alerts operator of incorrect countersink angle.
- Base Plate of all gages designed for use on any flat, concave, or convex surface.



**GUARANTEED ACCURACY:**  
± .0005" or ± .015mm

- "Peak Hold" mechanism, standard on all Models, allows for one-hand operation.
- Every gage furnished with a functionally calibrated Setting Ring and a foam lined Storage Case with complete Operating Instructions.
- Optional Solid Carbide Gaging Plunger, with Lifetime wear guarantee, available on all Models.
- Optional NIST (formerly NBS) Letter of Certification also available.

MODEL	C'SINK ANGLE	CAPACITY
30-0	30°	.020" to .170"
30-1	30°	.160" to .360"
30-2	30°	.360" to .560"
30-3	30°	.560" to .780"
30-4	30°	.780" to .980"
30-5	30°	.980" to 1.180"
60-0	60°	.020" to .170"
60-1	60°	.160" to .360"
60-2	60°	.360" to .560"
60-3	60°	.560" to .780"
60-4	60°	.780" to .980"
60-5	60°	.980" to 1.180"
82-0	82°	.020" to .170"
82-1	82°	.160" to .360"
82-2	82°	.360" to .560"
82-3	82°	.560" to .780"
82-4	82°	.780" to .980"
82-5	82°	.980" to 1.180"
90-0	90°	.020" to .170"
90-1	90°	.160" to .360"
90-2	90°	.360" to .560"
90-3	90°	.560" to .780"
90-4	90°	.780" to .980"
90-5	90°	.980" to 1.180"
100-0	100°	.020" to .170"
100-1	100°	.160" to .360"
100-2	100°	.360" to .560"
100-3	100°	.560" to .780"
100-4	100°	.780" to .980"
100-5	100°	.980" to 1.180"

PART NAME	REPLACEMENT PARTS FOR MODEL	PART NO.
Body	All -0; -1	61030
Body	All -2	52030
Body	All -3	53030
Body	All -4	54030
Body	All -5	12034
Dial Indicator	All Eng.	51010
Dial Indicator	All Metric	51015
Indicator Locking Brass Ring	All	60018
Indicator Locking Nut	All	10015
Instruction Sheet	All Eng.	50015
Instruction Sheet	All Metric	50015-M
Plunger	All -0; -1	PL-XXX-1
Plunger	All -2	PL-XXX-2
Plunger	All -3	PL-XXX-3
Plunger	All -4	PL-XXX-4
Plunger	All -5	PL-XXX-5
Retainer Plate	All -0; -1	51090
Retainer Plate	All -2	52090
Retainer Plate	All -3	53090
Retainer Plate	All -4	54090
Retainer Plate	All -5	55090
Setting Ring	All -0	SM-XXX-0
Setting Ring	All -1; -2	SM-XXX-1; -2
Setting Ring	All -3	SM-XXX-3
Setting Ring	All -4	SM-XXX-4
Setting Ring	All -5	SM-XXX-

110-0	110°	.020" to 170"
110-1	110°	.160" to .360"
110-2	110°	.360" to .560"
110-3	110°	.560" to .780"
110-4	110°	.780" to .980"
110-5	110°	.980" to 1.180"
120-0	120°	.020" to .170"
120-1	120°	.160" to .360"
120-2	120°	.360" to .560"
120-3	120°	.560" to .780"
120-4	120°	.780" to .980"
120-5	120°	.980" to 1.180"

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Spring	All -0; -1	31020
Spring	All -2	31020
Spring	All -3	31025
Spring	All -4	11020
Spring	All -5	51020
Storage Case	All -0; -1	61001
Storage Case	All -2	52001
Storage Case	All -3; -4	53001
Storage Case	All-5	55001

For exact equivalent Metric Models, add -M to Model No.

For BARCOR Solid Carbide Models with LIFETIME Wear Guarantee, add -CF to Model No.

For Digital Electronic Models with SPC, add -SPC to Model No.