

NOTES:

1. LAST DASH NO. "XXX" INDICATES MICRON SIZE OF THRU HOLE
Ex. CU-CF-200 -INDICATES 200 MICRON THRU HOLE
2. DASH "CAL" INSERTED INTO PART NUMBER PRIOR TO MICRON SIZE INDICATES FLOW CALIBRATED.
Ex. CU-CF-CAL-XXX
3. 1/8" BALL MILL BOTH SIDES. LEAVE WALL OF THICKNESS 0.010" ±0.002"

REV	DESCRIPTION	INCORP BY	DATE

Specifications

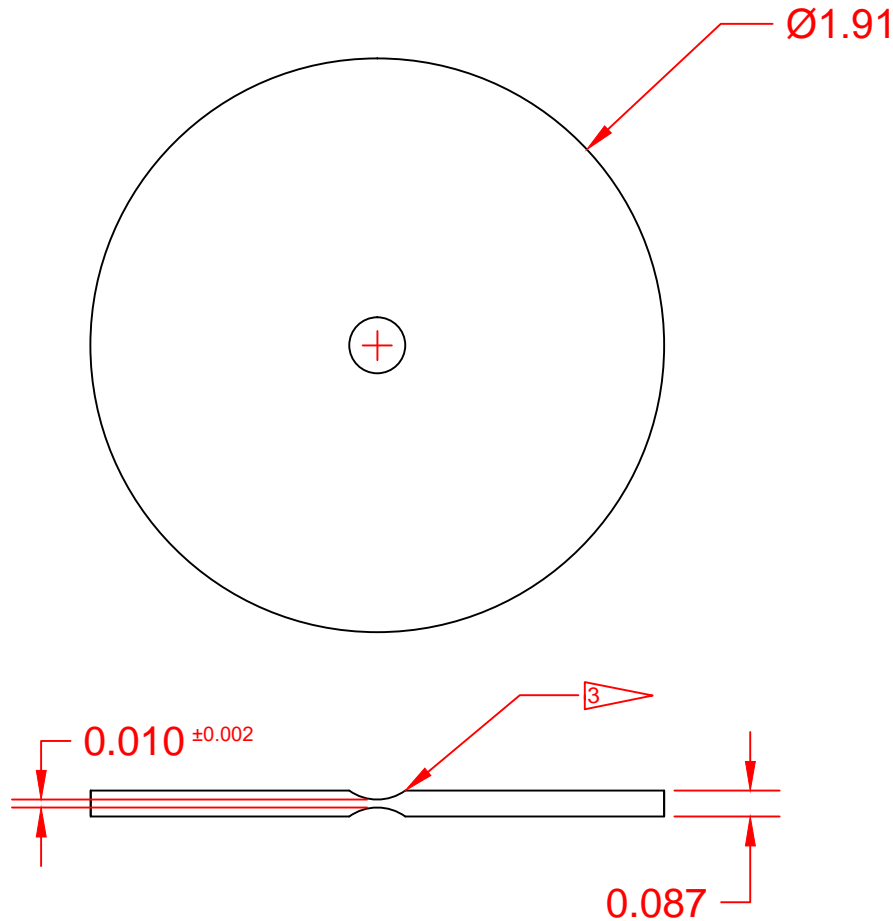
Diameter	48.6mm (1.91")
Thickness	2.2mm (0.0866")
Centering	±0.250mm (±0.00984")
Orifice Diameter	1 - 1000µ (0.0000394" - 0.0394")

Optically Measured Tolerances

Diameter	Tolerance +/-
5 µm	20%
6 µm	15%
7 - 149 µm	10%
150+ µm	5%

Flow Calibrated Tolerances

Diameter	Dia +/-	Flow +/-
5 - 10 µm	10%	20%
12 - 149 µm	5%	10%
150 µm +	2.5%	5%



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES
DECIMAL VALUES ARE SHOWN WITH DECIMAL TOLERANCE VALUES

DECIMAL	.X = ± .1	TOLERANCES
PLACES	.XX = ± .01	APPLIED
IN THE	.XXX = ± .005	TO THE
PRINT	.XXXX = ± .0005	PRINT

FRACTIONAL AND ANGULAR VALUES ARE SHOWN WITH FRACTIONAL OR ANGULAR TOLERANCE VALUES.

FRACTIONS = ± 1/16
ANGLES = ± 1°

Material
OFHC COPPER
PER ASTM B152



A

Drawing Number
CU-CF-XXX

REV
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Used On

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APPROVALS	DATE
DRAWN C. DRAPER	12/21/2015
CHK J. SCHUSTER	2/19/2016
ENGR J. SCHUSTER	2/19/2016
SHEET: 1 OF 1	DO NOT SCALE

Drawing Name
COPPER CONFLAT