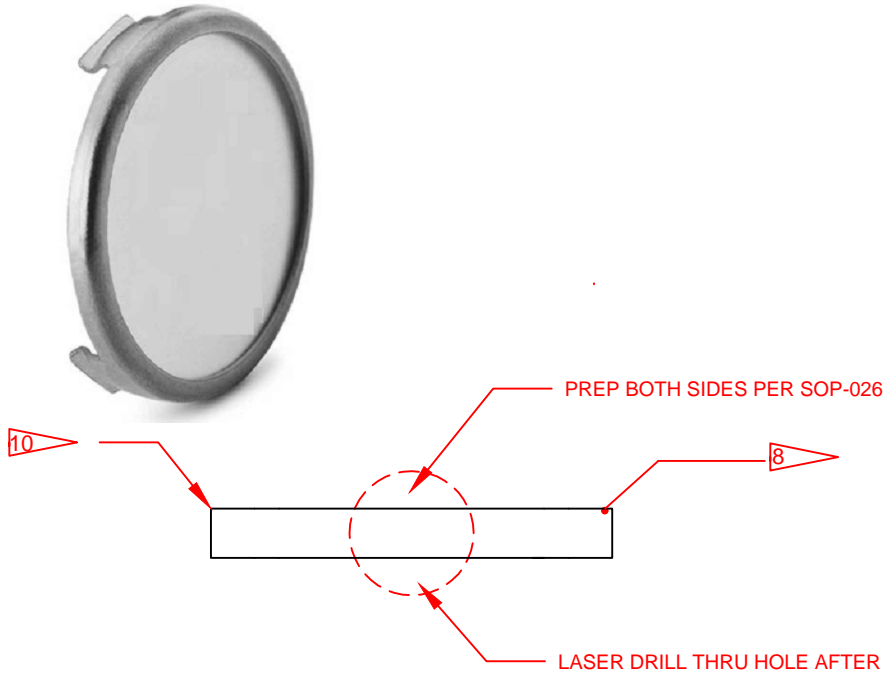


NOTES:

- MATERIAL: SWAGELOK VCR-2 GASKET OR EQUIVALENT
- "XX" INDICATES STAINLESS STEEL OR NICKEL GASKET
Ex. SS-X-VCR-2-GR-VS-XXX -INDICATES STAINLESS STEEL GASKET
- "X" INDICATES DIAMETER. REFER TO SPECIFICATIONS CHART.
Ex. XX-2-VCR-2-GR-VS-XXX -INDICATES 6.6mm (0.26") DIAMETER
- LAST DASH NO. "XXX" INDICATES MICRON SIZE OF THRU HOLE.
Ex. XX-X-VCR-2-GR-VS-200 -INDICATES 200 MICRON THRU HOLE
- DASH "CAL" INSERTED INTO PART NUMBER PRIOR TO MICRON SIZE INDICATES FLOW CALIBRATED
Ex. XX-X-VCR-2-GR-VS-CAL-XXX
- REMOVAL OF "VS" FROM PART NUMBER INDICATES PART IS SILVER PLATED
Ex. XX-X-VCR-2-GR-XXX
- CLEAN PER SOP-027
- MARK INLET PRESSURE SIDE WITH A DOT USING BLACK SHARPIE ALONG OUTER EDGE
- PACKAGE PER SOP-027
- CLIP NOT SHOWN IN SIDE VIEW FOR CLARITY



| REV | DESCRIPTION | INCORP BY | DATE |
|-----|-------------------------------|-------------|-----------|
| A | NO CLIP REMOVAL OPTION | J. SCHUSTER | 3/23/2016 |
| B,C | ADJUSTED FLOW CAL. TOLERANCES | J. SCHUSTER | 8/11/2016 |

| GASKET SIZES | |
|--------------|-------------|
| VCR® Size | Part Number |
| 1/8" | xx-2-VCR-2 |
| 1/4" | xx-4-VCR-2 |
| 1/2" | xx-8-VCR-2 |
| 3/4" | xx-12-VCR-2 |
| 1" | xx-16-VCR-2 |

| GASKET MATERIAL | |
|----------------------|-------------|
| Material | Part Number |
| Stainless Steel 316L | SS-2-VCR-2 |
| | SS-4-VCR-2 |
| | SS-8-VCR-2 |
| | SS-12-VCR-2 |
| | SS-16-VCR-2 |
| Nickel | NI-2-VCR-2 |
| | NI-4-VCR-2 |
| | NI-8-VCR-2 |
| | NI-12-VCR-2 |
| | NI-16-VCR-2 |

| GASKET OPTIONS | | |
|-----------------|----------------|------------------|
| Gasket Retainer | Silver Plating | Part Number |
| No | No | xx-2-VCR-2-VS |
| | | xx-4-VCR-2-VS |
| | | xx-8-VCR-2-VS |
| Yes | No | xx-4-VCR-2-GR-VS |
| | | xx-8-VCR-2-GR-VS |
| No | Yes | xx-2-VCR-2 |
| | | xx-4-VCR-2 |
| | | xx-8-VCR-2 |
| Yes | Yes | xx-4-VCR-2-GR |
| | | xx-8-VCR-2-GR |

Optically Measured Tolerances

| Diameter | Tolerance +/- |
|------------|---------------|
| 1 µm | 50% |
| 2 µm | 40% |
| 3 – 5 µm | 20% |
| 6 – 7 µm | 15% |
| 8 – 149 µm | 10% |
| 150+ µm | 5% |

Flow Calibrated Tolerances

| Diameter | Dia +/- | Flow +/- |
|-------------|---------|----------|
| 0.5 – 1 µm | 38% | 75% |
| 2 µm | 20% | 40% |
| 3 µm | 10% | 20% |
| 4 – 6 µm | 8% | 20% |
| 7 – 10 µm | 8% | 15% |
| 11 – 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 APPLIED TO THE PRINT
PLACES .XX = ± .01
IN THE .XXX = ± .005
PRINT .XXXX = ± .0005
FRACTIONAL AND ANGULAR VALUES ARE SHOWN WITH FRACTIONAL OR ANGULAR TOLERANCE VALUES.
FRACTIONS = ± 1/16
ANGLES = ± 1°

Material
SEE NOTE 1

Used On
-



| APPROVALS | | DATE |
|---------------|-------------|--------------|
| DRAWN | C. DRAPER | 1/29/2016 |
| CHK | J. SCHUSTER | 2/8/2016 |
| ENGR | J. SCHUSTER | 2/8/2016 |
| SHEET: 1 OF 1 | | DO NOT SCALE |

Drawing Number
XX-X-VCR-2-GR-VS-XXX

Drawing Name
XX-X-VCR-2-GR-VS-XXX MODIFIED GASKET

REV
C