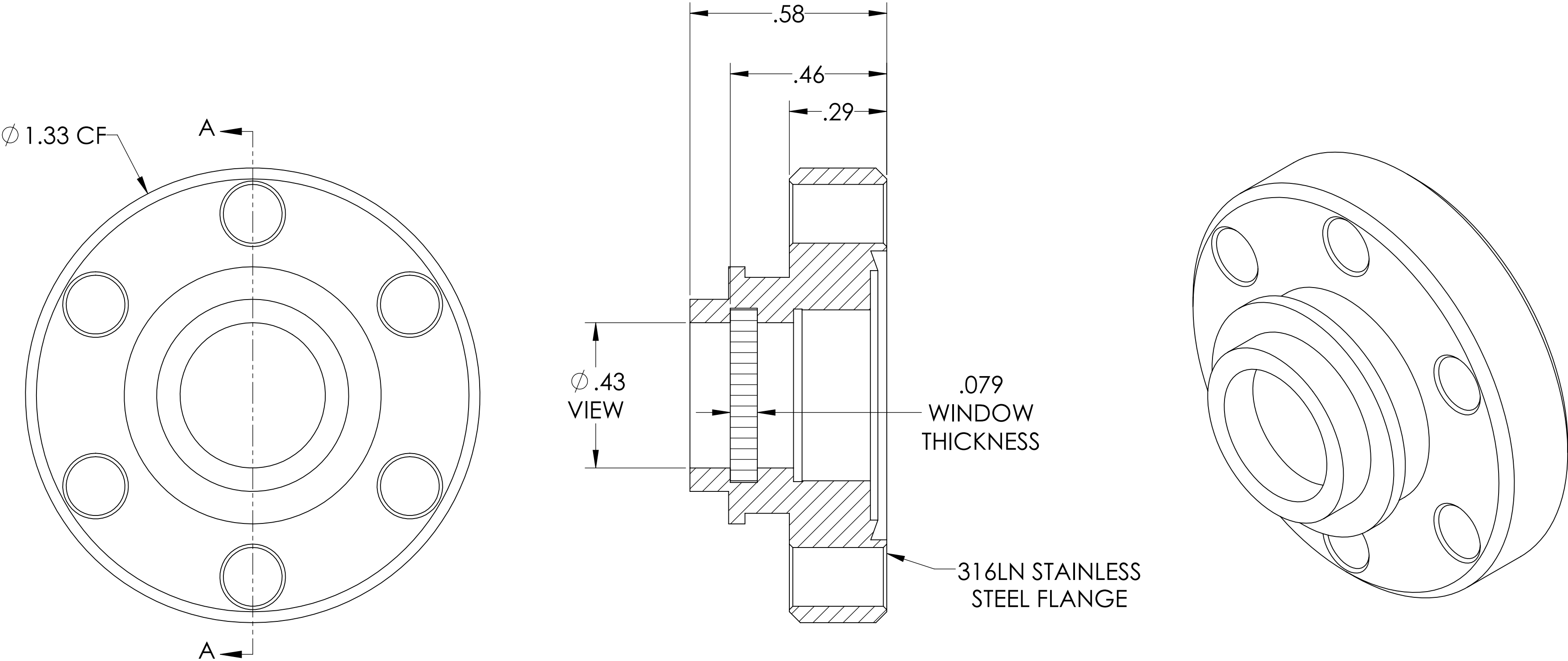


MPF PRODUCTS INC.



- SPECIFICATIONS:
- 1. MATERIAL: SINGLE CRYSTAL, 0° MAGNESIUM FLUORIDE
 - 2. FLATNESS < λ/2 @ 632NM (PEAK TO VALLEY)
 - 3. PARALLELISM < 3 ARC MINUTES
 - 4. SURFACE FINISH: 20/10 SCRATCH-DIG
 - 5. THERMAL RANGE: -100 °C TO 200 °C
 - 6. LEAK RATE < 1 X 10⁻⁹ ATM/CC SEC HE
 - 7. MAGNETIC PERMEABILITY (μ) < 1.01

Non-Magnetic Magnesium Fluoride (MgF2) Viewport, UHV Rated Vacuum Optics, 0.40" View Dia, 1.33" Conflat Flange(316LN)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± 1/2° TWO PLACE DECIMAL ± .030 THREE PLACE DECIMAL ± .015 MATERIAL SEE NOTES FINISH CONFLAT PLATING	QUOTATION #			APPROVED MPF PRODUCTS INC. TITLE: VIEWPORT, MgF2 NON-MAGNETIC VAC-OPTICS, 0.40" VIEW, 133CF DOWNLOADED FROM MPFPI.COM DWG. NO. A14354-1-CF REV
	DRAWN	WJ	04/29/2014	
	CHECKED		04/29/2014	
	ENG APPR.	WJ	04/29/2014	
THIRD ANGLE: 				
APPLICATION NEXT ASSY USED ON				
SURFACE FINISH: 63 OR BETTER				
UNLESS OTHERWISE SPECIFIED: ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES				