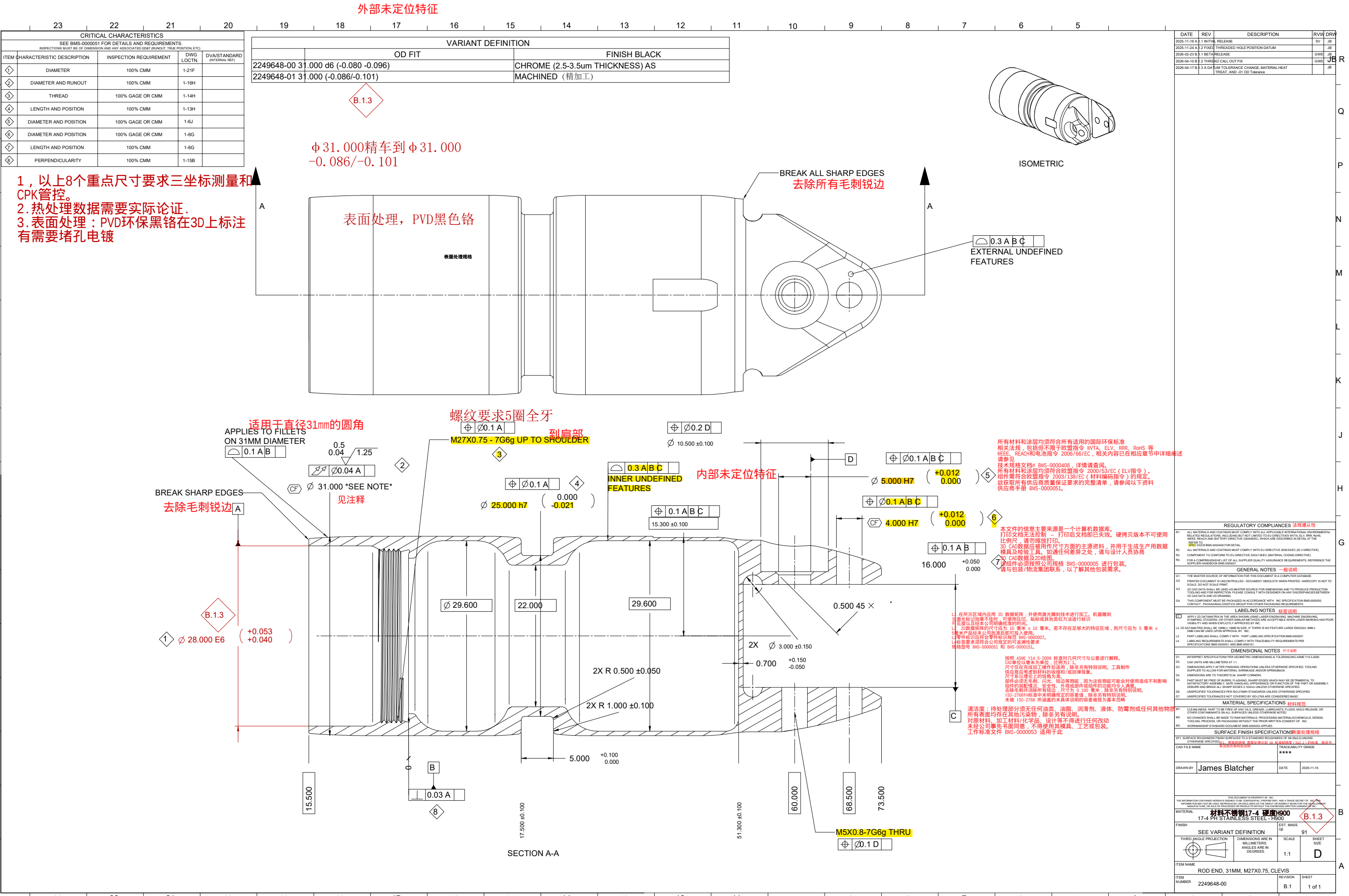




CRITICAL CHARACTERISTICS			
SEE BMS-0000051 FOR DETAILS AND REQUIREMENTS. INSPECTIONS MUST BE OF DIMENSION AND ANY ASSOCIATED GOAT (RUNCUT, TRUE POSITION, ETC)			
ITEM	CHARACTERISTIC DESCRIPTION	INSPECTION REQUIREMENT	DWG LOCTN.
◇	DIAMETER	100% CMM	1-21F
◇	DIAMETER AND RUNOUT	100% CMM	1-16H
◇	THREAD	100% GAGE OR CMM	1-14H
◇	LENGTH AND POSITION	100% CMM	1-13H
◇	DIAMETER AND POSITION	100% GAGE OR CMM	1-6J
◇	DIAMETER AND POSITION	100% GAGE OR CMM	1-6G
◇	LENGTH AND POSITION	100% CMM	1-6G
◇	PERPENDICULARITY	100% CMM	1-15B

VARIANT DEFINITION			
OD FIT		FINISH BLACK	
2249648-00 31	1.000 d6 (-0.080 -0.096)	CHROME (2.5-3.5um THICKNESS) AS	
2249648-01 31	1.000 (-0.086/-0.101)	MACHINED (精加工)	

DATE	REV	DESCRIPTION	RVN	DRW
2025-11-16 A	1	INITIAL RELEASE	SV	JB
2025-11-24 A	2	FIXED THREADED HOLE POSITION DATUM		JB
2026-02-23 B	1	BETA RELEASE	GWS	JB
2026-04-10 B	2	THREAD CALL OUT FIX	GWS	JB
2026-04-17 B	3	A DATUM TOLERANCE CHANGE, MATERIAL HEAT TREAT, AND -01 OD Tolerance		JB

REGULATORY COMPLIANCES 法规遵从性			
R1:	ALL MATERIALS AND COATINGS MUST COMPLY WITH ALL APPLICABLE INTERNATIONAL ENVIRONMENTAL RELATED REGULATIONS, INCLUDING BUT NOT LIMITED TO EU DIRECTIVES RoHS, ELV, REACH, WEEE, REACH AND BATTERY DIRECTIVE 2006/66/EC, WHICH ARE DESCRIBED IN DETAIL AT THE BOTTOM OF THIS DOCUMENT.		
R2:	ALL MATERIALS AND COATINGS MUST COMPLY WITH EU DIRECTIVE 2006/66/EC (ELV DIRECTIVE).		
R3:	COMPONENT TO CONFORM TO EU DIRECTIVE 2006/66/EC (MATERIAL COATING DIRECTIVE).		
R4:	FOR A COMPREHENSIVE LIST OF ALL SUPPLIER QUALITY ASSURANCE REQUIREMENTS, REFERENCE THE SUPPLIER HANDBOOK BMS-0000051.		
GENERAL NOTES 一般说明			
G1:	THE MASTER SOURCE OF INFORMATION FOR THIS DOCUMENT IS A COMPUTER DATABASE.		
G2:	PRINTED DOCUMENT IS UNCONTROLLED - DOCUMENT OBSOLETE WHEN PRINTED - HARD COPY IS NOT TO SCALE, DO NOT SCALE PRINT.		
G3:	3D CAD DATA SHALL BE USED AS MASTER SOURCE FOR DIMENSIONS AND TO PRODUCE PRODUCTION TOOLING AND FOR INSPECTION. PLEASE CONSULT WITH DESIGNER ON ANY DISCREPANCIES BETWEEN 3D CAD DATA AND 2D DRAWING.		
G4:	THIS COMPONENT MUST BE PACKAGED IN ACCORDANCE WITH INC SPECIFICATION BMS-0000005. CONTACT PACKAGING LOGISTICS GROUP FOR OTHER PACKAGING REQUIREMENTS.		
LABELING NOTES 标签说明			
L1:	APPLY 2D DATAMATRIX IN THE AREA SHOWN USING LASER ENGRAVING MACHINE ENGRAVING, STAMPING, STICKERS, OR OTHER SIMILAR METHODS ARE ACCEPTABLE WHEN LASER MARKING HAS POOR VISIBILITY AND WHEN EXACTLY APPROVED BY INC.		
L2:	2D DATAMATRIX SHALL BE 10MM x 10MM IN SIZE. IF THERE IS NO FEATURE LARGE ENOUGH, 10MM x 10MM CAN BE USED UPON APPROVAL BY INC.		
L3:	PART LABELING SHALL COMPLY WITH PART LABELING SPECIFICATION BMS-0000007.		
L4:	LABELING REQUIREMENTS SHALL COMPLY WITH TRACEABILITY REQUIREMENTS PER SPECIFICATION BMS-0000051 AND BMS-0000051.		
DIMENSIONAL NOTES 尺寸说明			
D1:	INTERPRET SPECIFICATIONS PER GEOMETRIC DIMENSIONING & TOLERANCING ASME Y14.5-2009.		
D2:	CAD UNITS ARE MILLIMETERS AT 1:1.		
D3:	DIMENSIONS APPLY AFTER FINISHING OPERATIONS UNLESS OTHERWISE SPECIFIED. TOOLING SURFACES TO ALLOW FOR MATERIAL SHROUDED AND/OR SPRINGBACK.		
D4:	DIMENSIONS ARE TO THE THEORETICAL SHARP CORNERS.		
D5:	PART MUST BE FREE OF BURRS, FLASHING, SHARP EDGES WHICH MAY BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, BARE HANDLING, APPEARANCE OR FUNCTION OF THE PART OR ASSEMBLY. DEBURR AND BREAK ALL SHARP EDGES > 10mm UNLESS OTHERWISE SPECIFIED.		
D6:	UNSPECIFIED TOLERANCES PER ISO 2768 UNLESS OTHERWISE SPECIFIED.		
D7:	UNSPECIFIED TOLERANCES NOT COVERED BY ISO 2768 ARE CONSIDERED BASIC.		
MATERIAL SPECIFICATIONS 材料规格			
M1:	CLEAN INTERIOR PART TO BE FREE OF ANY OIL, GREASE, LUBRICANTS, FLUIDS, MOLD RELEASE, OR OTHER CONTAMINANTS ON ALL SURFACES UNLESS OTHERWISE NOTED.		
M2:	NO CHANGES SHALL BE MADE TO RAW MATERIALS, PROCESSING MATERIALS/CHEMICALS DESIGN, TOOLING, PROCESS, OR PACKAGING WITHOUT THE PROPER WRITTEN CONSENT OF INC.		
M3:	WORKMANSHIP STANDARD DOCUMENT BMS-0000051 APPLIES.		
SURFACE FINISH SPECIFICATIONS 表面处理规格			
SF1:	SURFACE ROUGHNESS FINISH SURFACES TO A STANDARD ROUGHNESS OF 16 (Rz1.6) UNLESS OTHERWISE SPECIFIED. 表面粗糙度 要求 Ra 1.6 (Rz 1.6) 除非另有说明。 请参见 BMS-0000051 和 BMS-0000051。		
CAD FILE NAME		TRACEABILITY GRADE	

DRAWN BY James Blatcher		DATE 2025-11-15	
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MATERIAL 材料 不锈钢 17-4 硬度 H900			
17-4 PH STAINLESS STEEL - H900			
FINISH		EST. MASS (g)	91
SEE VARIANT DEFINITION			
THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS ANGLES ARE IN DEGREES	SHEET SIZE D
ITEM NAME: ROD END, 31MM, M27X0.75, CLEVIS			
ITEM NUMBER 2249648-00		REVISION B.1	SHEET 1 of 1