

CLAMP NOT SHOWN

REVISIONS:	

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
TOLERANCES: ±.003"
FRACTIONAL: ±1/64"
RADIAL: ±.001"
ANGULAR: ±¼°
REMOVE ALL BURRS

MATERIAL

FINISH

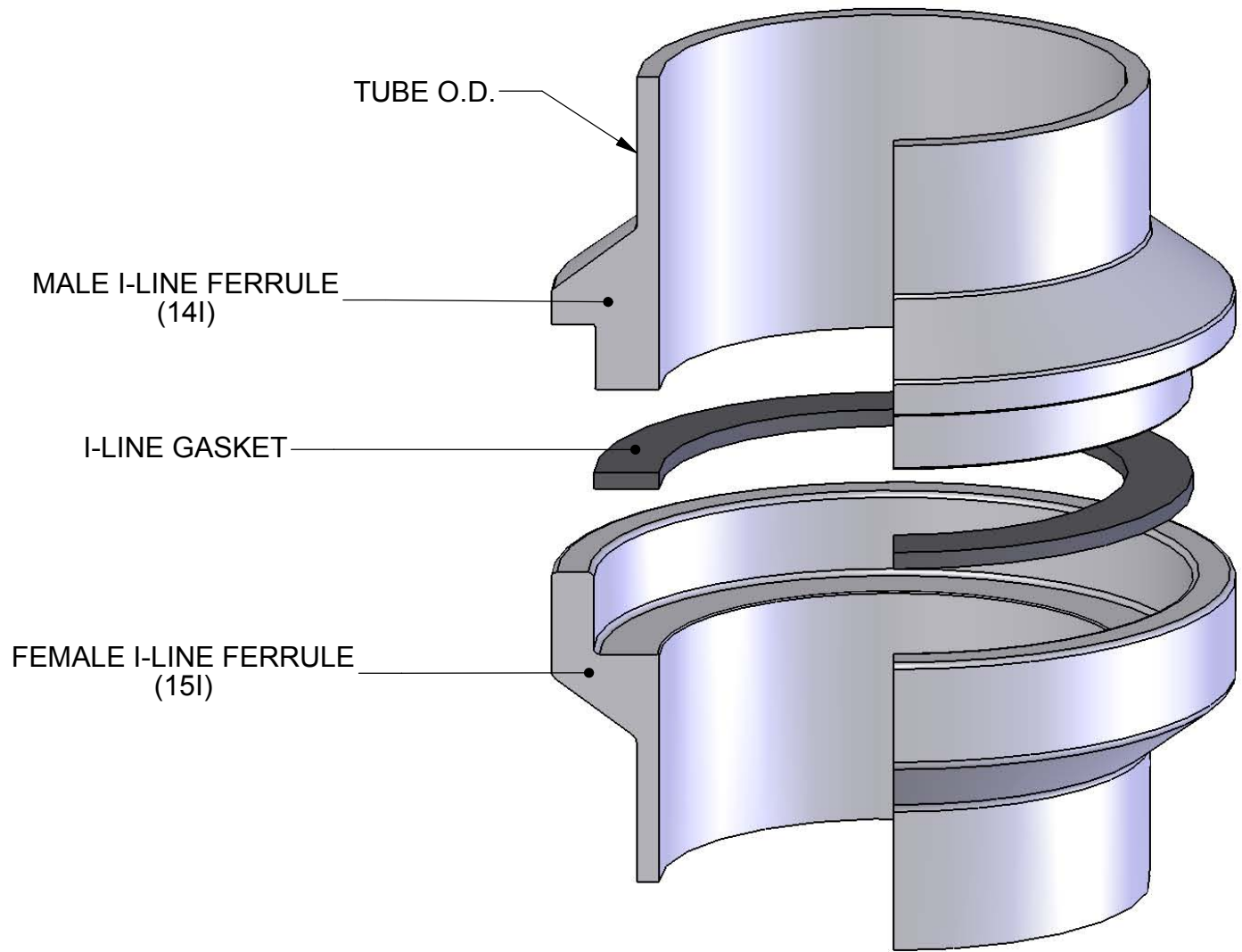
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
COMMENTS:		
MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		

CHICAGO STAINLESS EQUIPMENT		
TRI-CLAMP FERRULE ASSEMBLY		
SIZE	DWG. NO.	REV.
A	TRI-CLAMP FERRULE	
SCALE:1:1	WEIGHT:	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHICAGO STAINLESS EQUIPMENT. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHICAGO STAINLESS EQUIPMENT IS PROHIBITED.

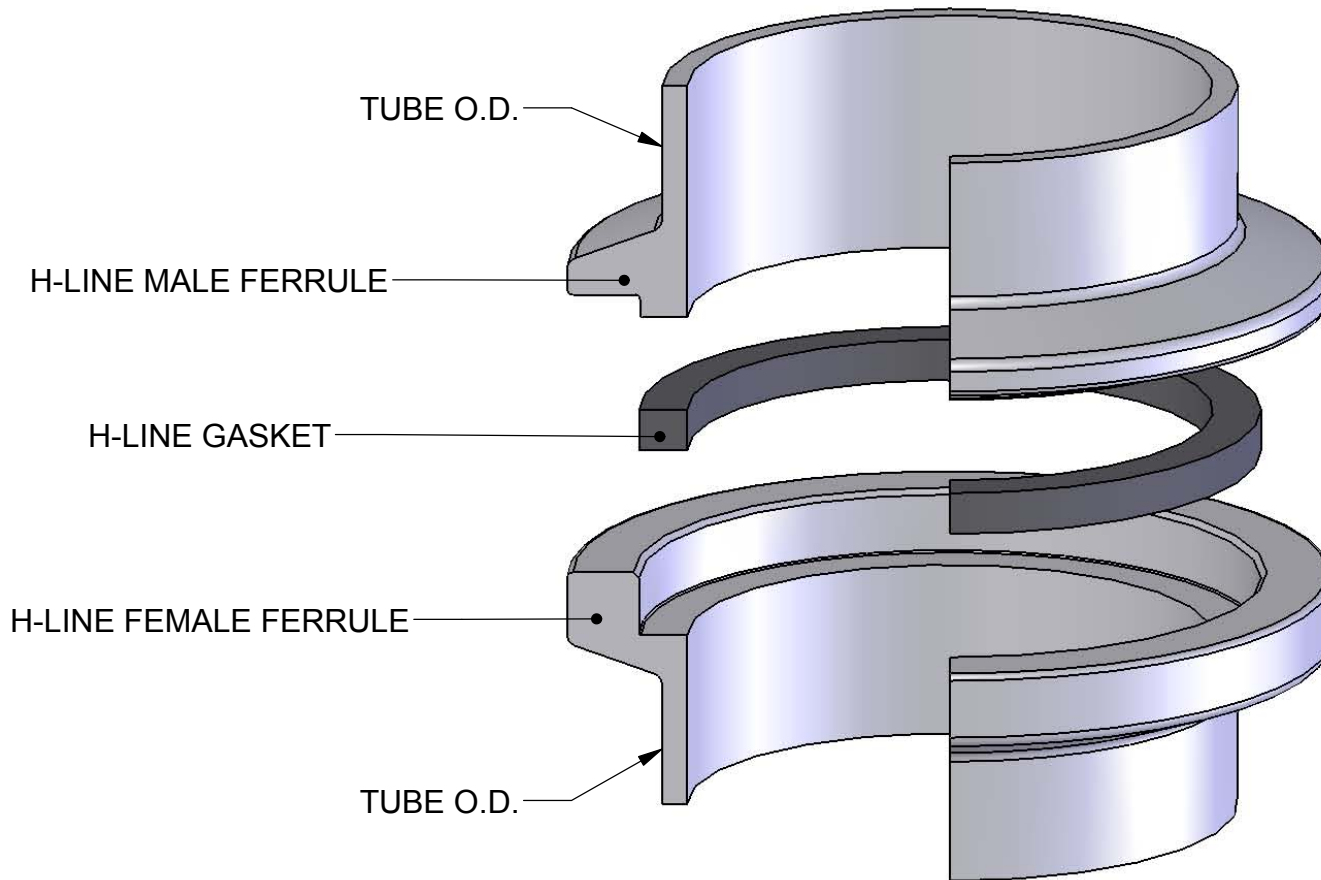


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REVISIONS:		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES: $\pm .003$ " FRACTIONAL: $\pm 1/64$ " RADIAL: $\pm .001$ " ANGULAR: $\pm 1/4^\circ$ REMOVE ALL BURRS	NAME	DATE	CHICAGO STAINLESS EQUIPMENT		
			DRAWN		I-LINE FERRULE ASSEMBLY		
			CHECKED				
			COMMENTS:			SIZE	DWG. NO.
			MEASURE TUBE O.D. TO OBTAIN FITTING SIZE			A	I-LINE FERRULE
		DO NOT SCALE DRAWING				SCALE:1:1	WEIGHT:
					SHEET 1 OF 1		

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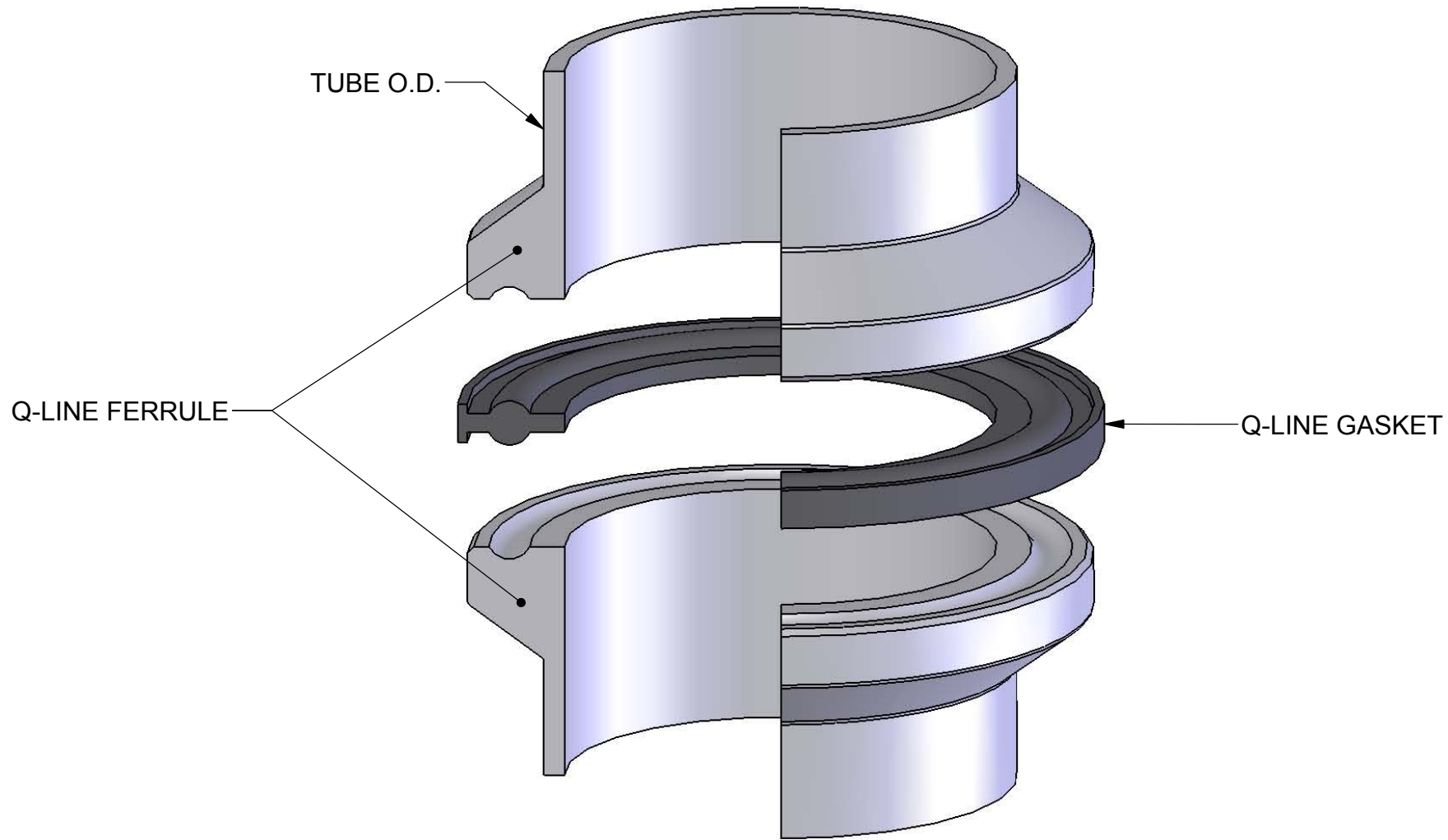


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			DRAWN		
			CHECKED		H-LINE FITTING ASSEMBLY SIZE DWG. NO. REV. A G&H H-LINE
			COMMENTS:		
			MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		
		MATERIAL			SCALE:1:1
		FINISH			WEIGHT:
		DO NOT SCALE DRAWING			SHEET 1 OF 1

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			DRAWN		
			CHECKED		Q-LINE FERRULE ASSEMBLY
			COMMENTS:		
			MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		
		MATERIAL			SIZE DWG. NO.
		FINISH			A Q-LINE FERRULE
		DO NOT SCALE DRAWING			REV.
					SCALE:1:1 WEIGHT: SHEET 1 OF 1

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#13-H CAPTIVE UNION NUT

TUBE O.D.

FEMALE FERRULE
(25T)

MALE FERRULE
(25S)

TUBE O.D.

8 PITCH
ACME THREAD

REVISIONS:

UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
TOLERANCES: $\pm .003$ "
FRACTIONAL: $\pm 1/64$ "
RADIAL: $\pm .001$ "
ANGULAR: $\pm 1/4^\circ$
REMOVE ALL BURRS

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN	NAME	DATE
CHECKED		

COMMENTS:
**MEASURE TUBE
O.D. TO OBTAIN
FITTING SIZE**

CHICAGO STAINLESS EQUIPMENT

**BEVEL SEAT FITTING
ASSEMBLY**

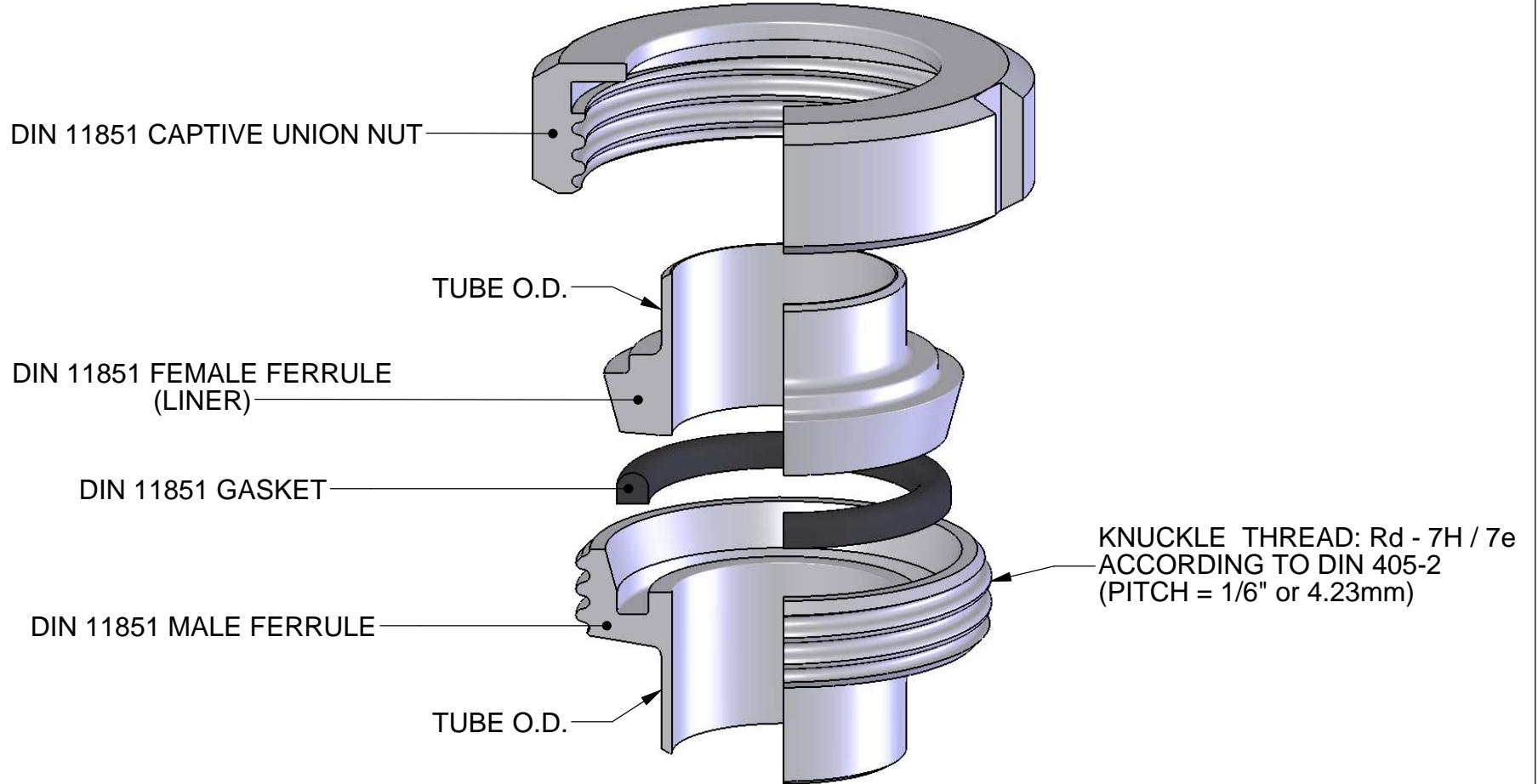
SIZE	DWG. NO.	REV.
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A	BEVEL SEAT	
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SCALE:1:1	WEIGHT:	SHEET 1 OF 1
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PROPRIETARY AND CONFIDENTIAL

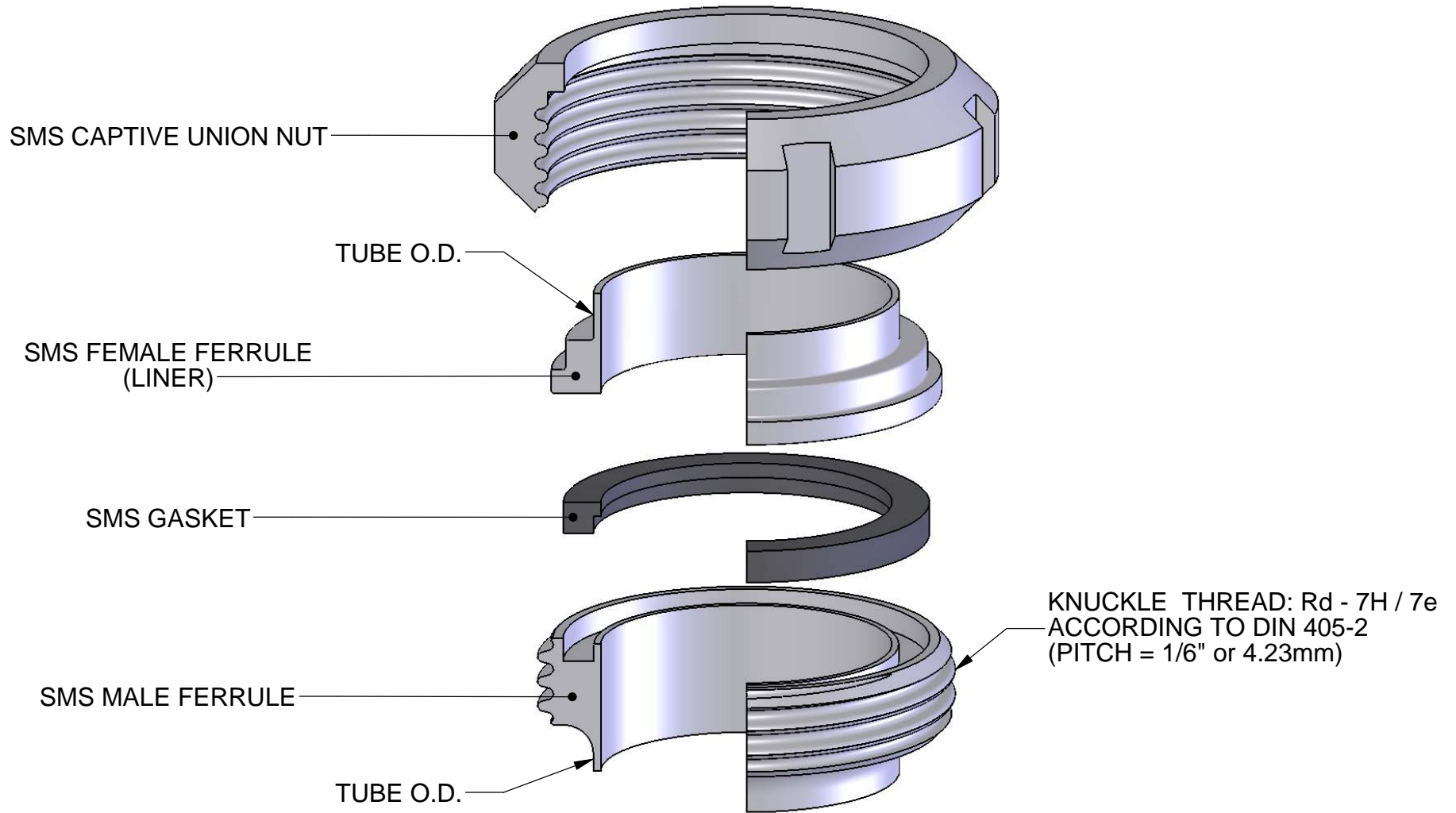
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			DRAWN		
			CHECKED		DIN 11851 FITTING ASSEMBLY
			COMMENTS:		
			MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		
		MATERIAL	SIZE DWG. NO.		REV.
		FINISH	A DIN 11851 UNION		
		DO NOT SCALE DRAWING	SCALE:1:1	WEIGHT:	SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

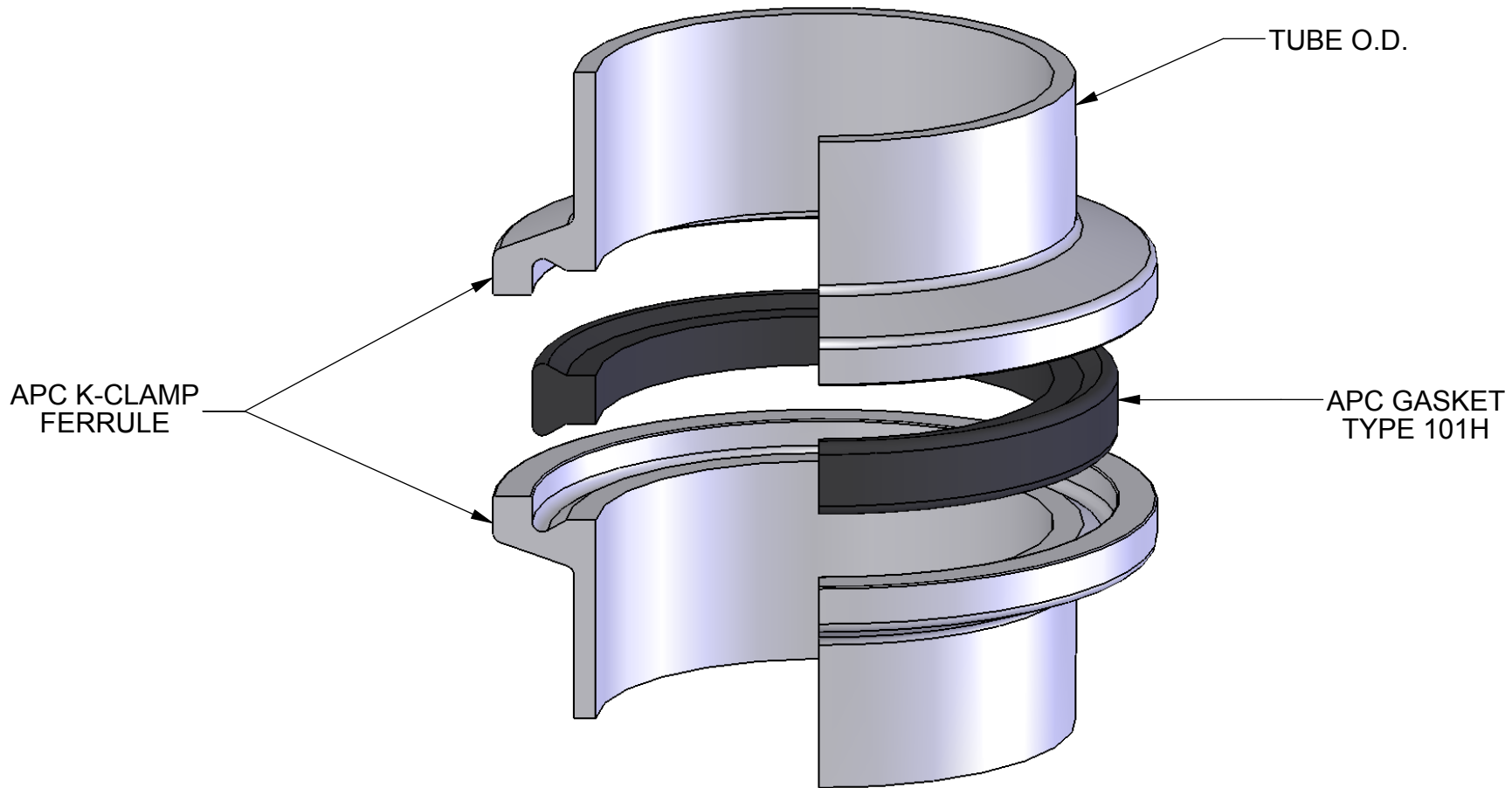
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			DRAWN		
			CHECKED		SMS FERRULE ASSEMBLY
			COMMENTS:		
			MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		
		MATERIAL	SIZE DWG. NO.		REV.
		FINISH	A SMS FERRULE		
		DO NOT SCALE DRAWING	SCALE:1:1 WEIGHT:		SHEET 1 OF 1

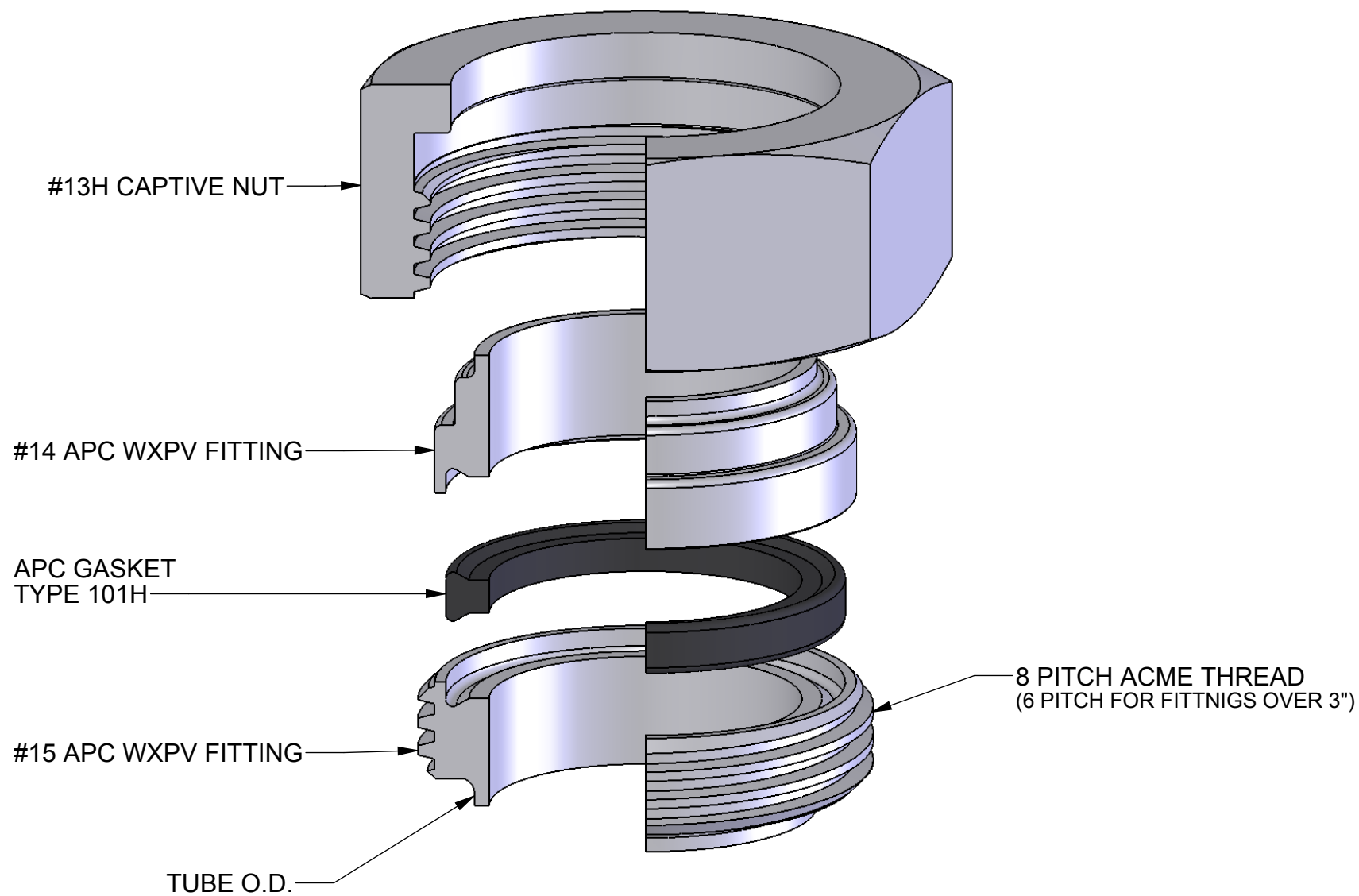
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CLAMP NOT SHOWN

REVISIONS REV. DATE DESCRIPTION BY APPROVED					UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES: $\pm .003"$ FRACTIONAL: $\pm 1/64"$ RADIAL: $\pm .001"$ ANGULAR: $\pm 1/4^\circ$ REMOVE ALL BURRS	DRAWN	NAME	DATE	CHICAGO STAINLESS EQUIPMENT		
						CHECKED			APC K-CLAMP ASSEMBLY		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHICAGO STAINLESS EQUIPMENT. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHICAGO STAINLESS EQUIPMENT IS PROHIBITED.					MATERIAL	COMMENTS: MEASURE TUBE O.D. TO OBTAIN FITTING SIZE					SIZE
									FINISH	A	APC K-CLAMP
					DO NOT SCALE DRAWING	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1			

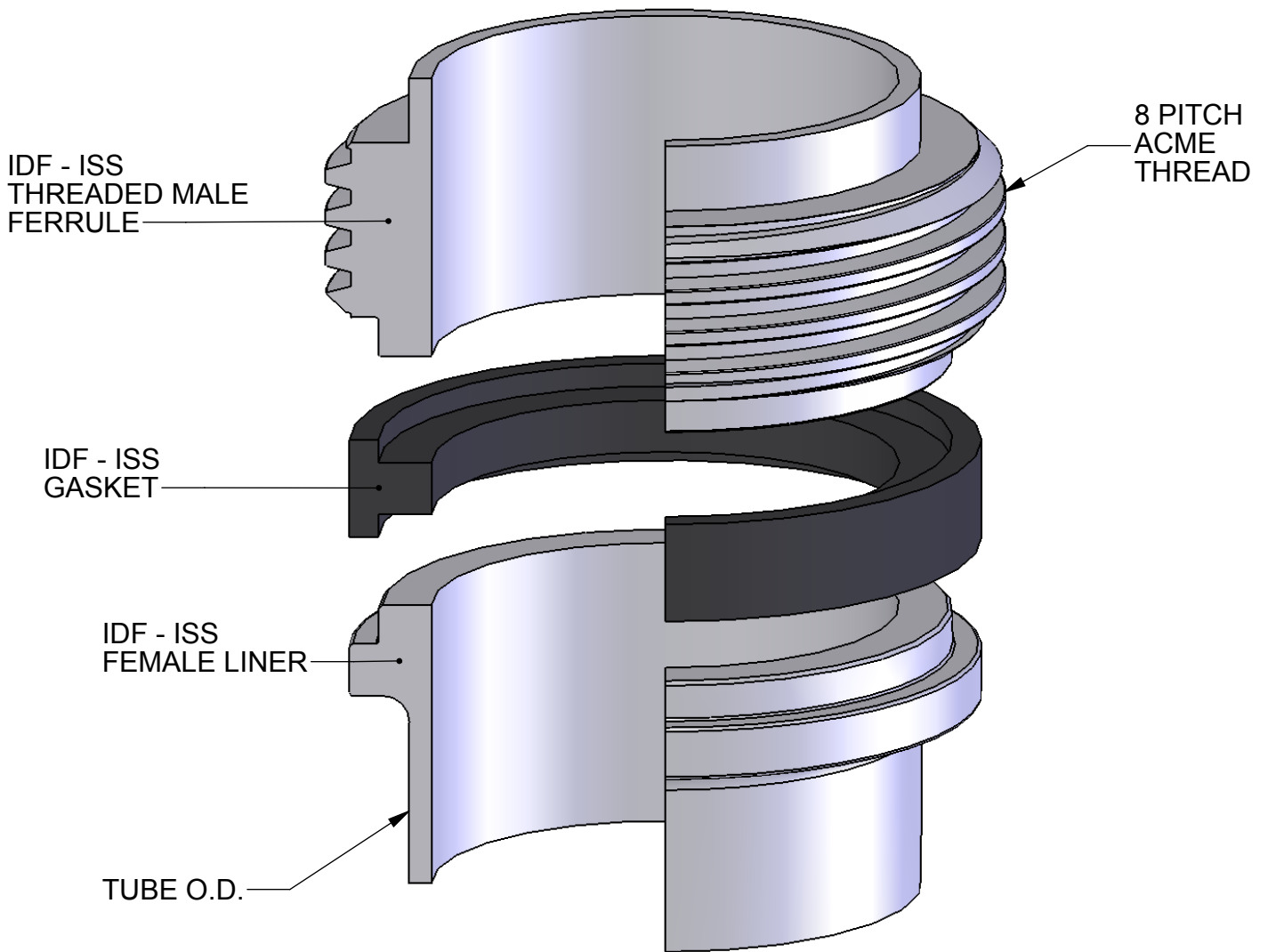


REVISIONS				
REV.	DATE	DESCRIPTION	BY	APPROVED

PROPRIETARY AND CONFIDENTIAL

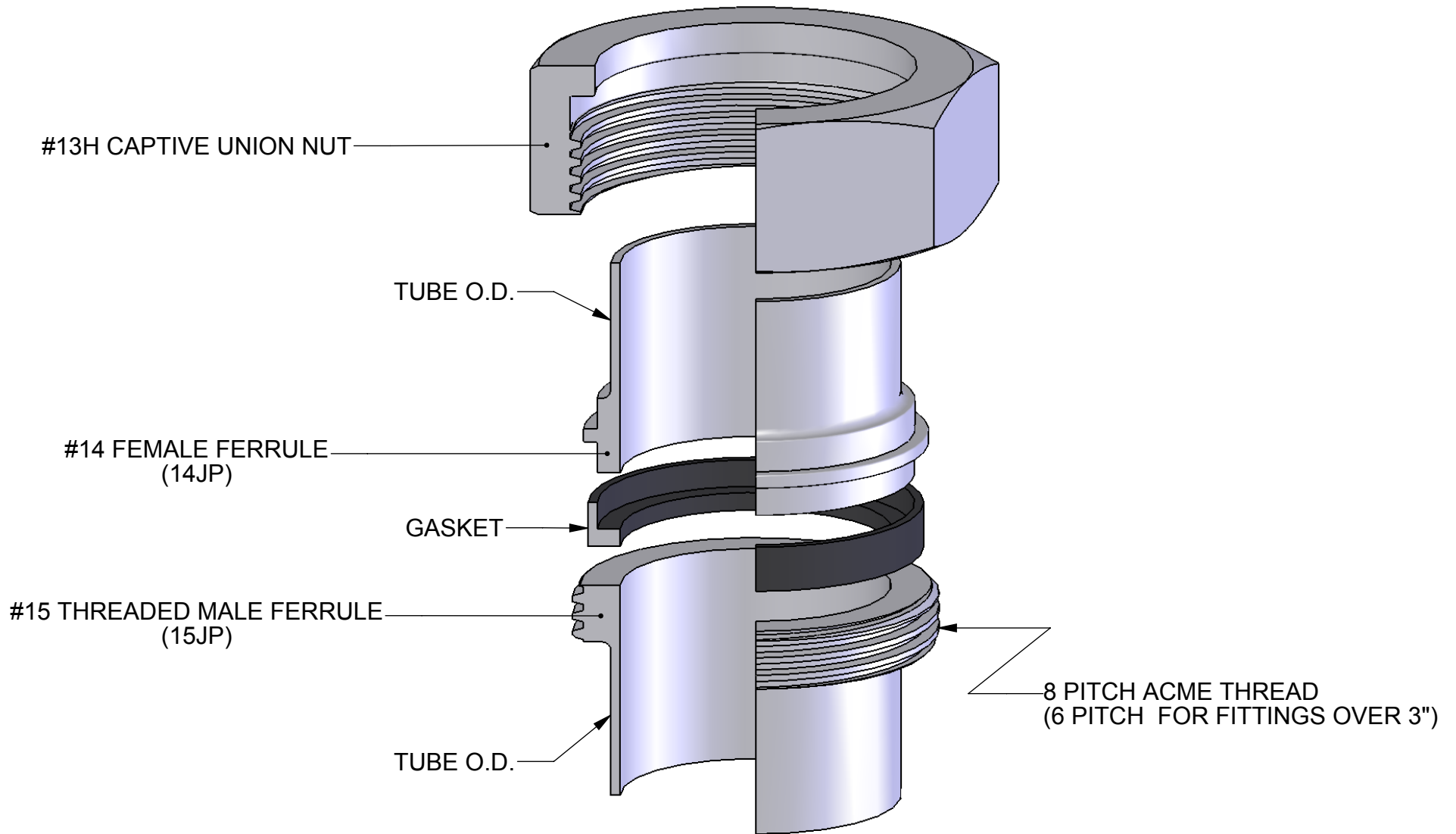
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MATERIAL		DRAWN		APC PV GASKET SEAT ASSEMBLY	
FINISH		CHECKED			
DO NOT SCALE DRAWING		COMMENTS: MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		SIZE	REV.
				A	APC GASKET SEAT
				SCALE: 1:1	WEIGHT:
				SHEET 1 OF 1	



IDF - ISS UNION NUT NOT SHOWN

REVISIONS			UNLESS OTHERWISE NOTED: DIMENSIONS ARE IN INCHES TOLERANCES: $\pm .003$ " FRACTIONAL: $\pm 1/64$ " RADIAL: $\pm .001$ " ANGULAR: $1/4^\circ$ REMOVE ALL BURRS	NAME	DATE	CHICAGO STAINLESS EQUIPMENT		
REV.	DATE	DESCRIPTION		BY	APPROVED	IDF - ISS SANITARY FERRULE ASSEMBLY		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHICAGO STAINLESS EQUIPMENT. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHICAGO STAINLESS EQUIPMENT IS PROHIBITED.			MATERIAL	COMMENTS: MEASURE TUBE O.D. TO OBTAIN FITTING SIZE		SIZE	DWG. NO.	REV.
DO NOT SCALE DRAWING			FINISH			A	IDF - ISS FERRULE	
						SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



REVISIONS				
REV.	DATE	DESCRIPTION	BY	APPROVED
PROPRIETARY AND CONFIDENTIAL				
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	CHECKED				
	COMMENTS:				JOHN PERRY FERRULE ASSEMBLY
	MEASURE TUBE O.D. TO OBTAIN FITTING SIZE				
MATERIAL				SIZE DWG. NO.	
FINISH				JOHN PERRY	
DO NOT SCALE DRAWING				SCALE: 1:1 WEIGHT: SHEET 1 OF 1	

VARINLINE CAP
(BLANKING PLATE)

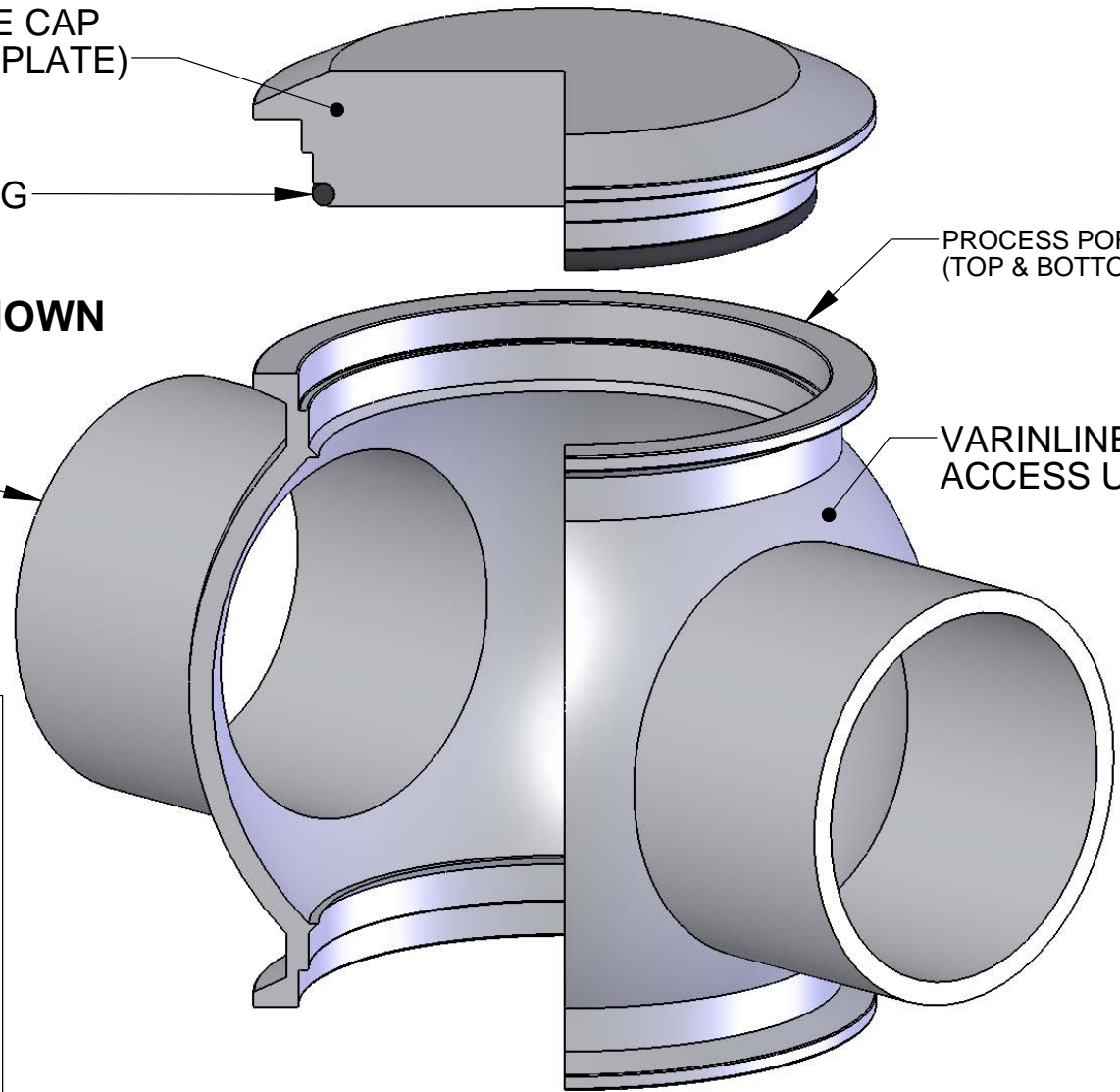
O-RING

PROCESS PORT
(TOP & BOTTOM)

CLAMP NOT SHOWN

PROCESS TUBING
ASME, DN or ISO
(BOTH SIDES)

VARINLINE
ACCESS UNIT



VARINLINE CAP (BLANKING PLATE)



PROCESS CONNECTION TYPE	PROCESS PORT SIZE	ACCESS UNIT NOMINAL SIZE (PROCESS TUBING O.D.)		
		ASME	DN	ISO
B	31mm	-	10, 15	13.5, 17.2, 21.3
F	50mm	1"	25	33.7
N	68mm	1½" thru 4"	40 thru 150	42.4 thru 114.3
G	123mm	-	-	-

DRAWN		NAME	DATE	CHICAGO STAINLESS EQUIPMENT	
		CHECKED			
COMMENTS:				GEA TUCHENHAGEN VARINLINE ACCESS UNIT & CAP ASSEMBLY	
MATERIAL 316L S.S.					
REV.	DATE	DESCRIPTION	BY	APPROVED	SIZE DWG. NO. REV. A VSV-BFNG
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REVISIONS				SCALE: 1:4 WEIGHT:	
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