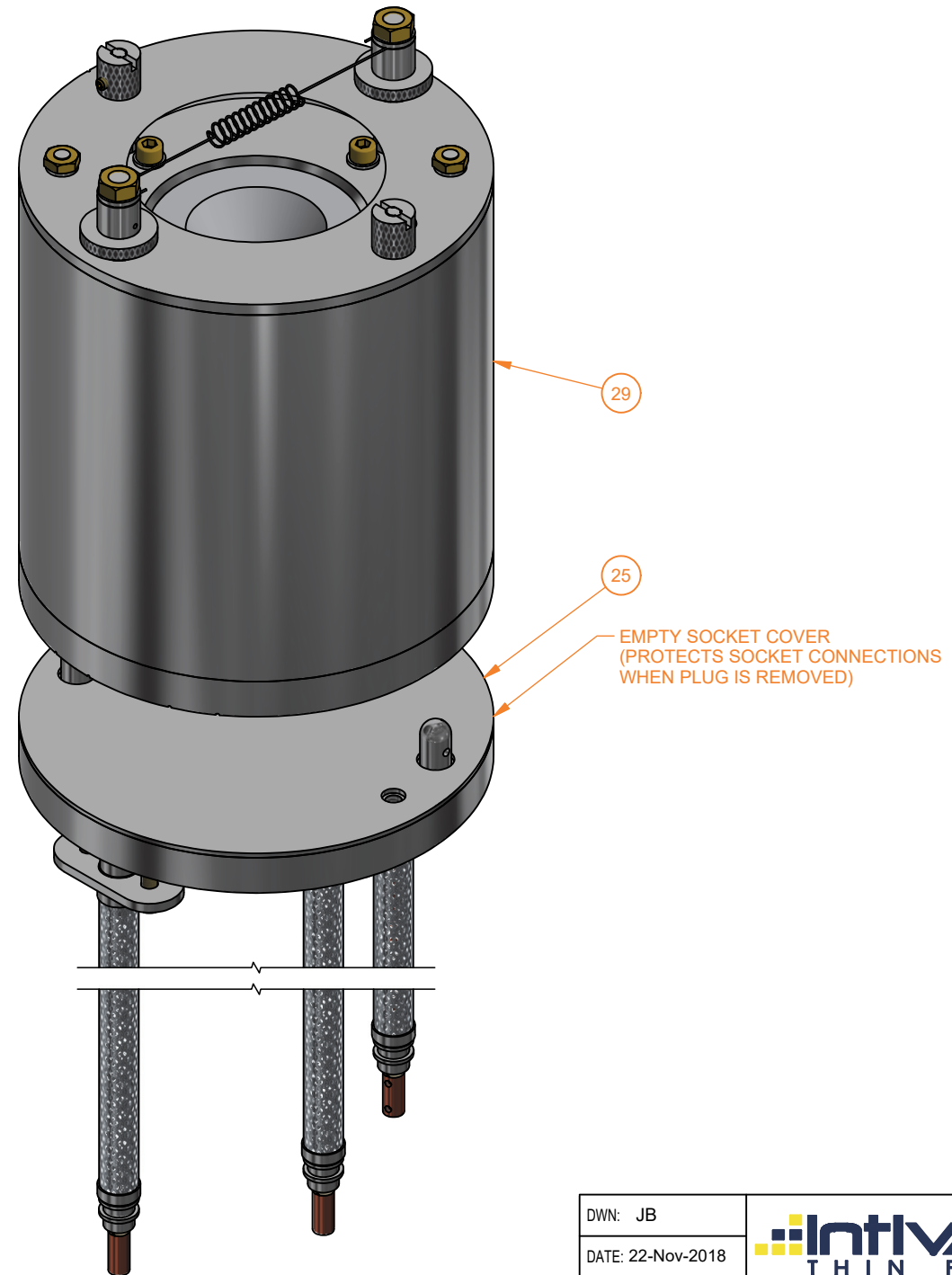
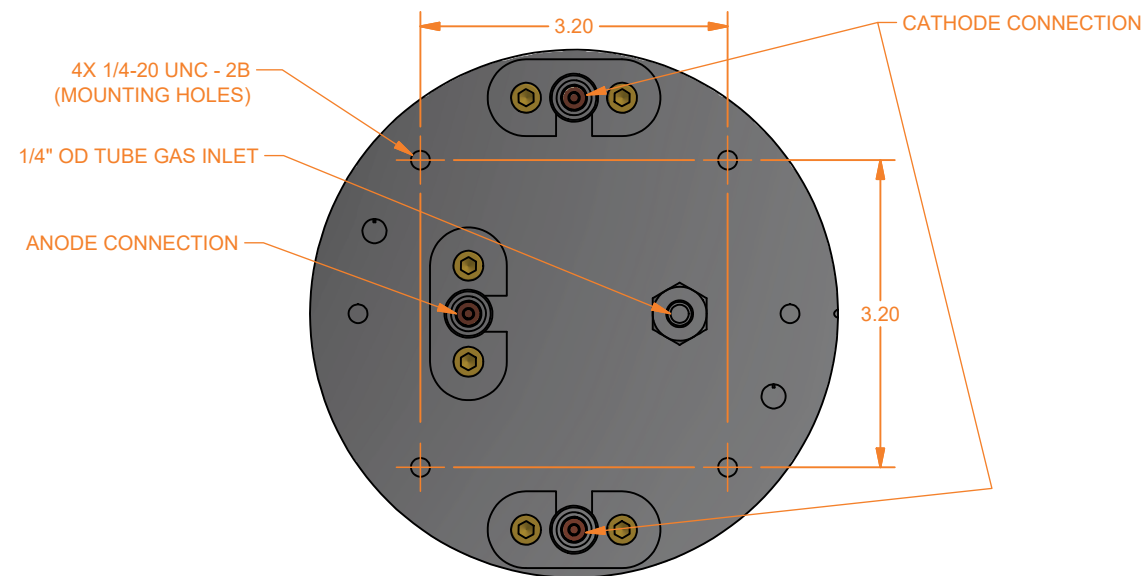
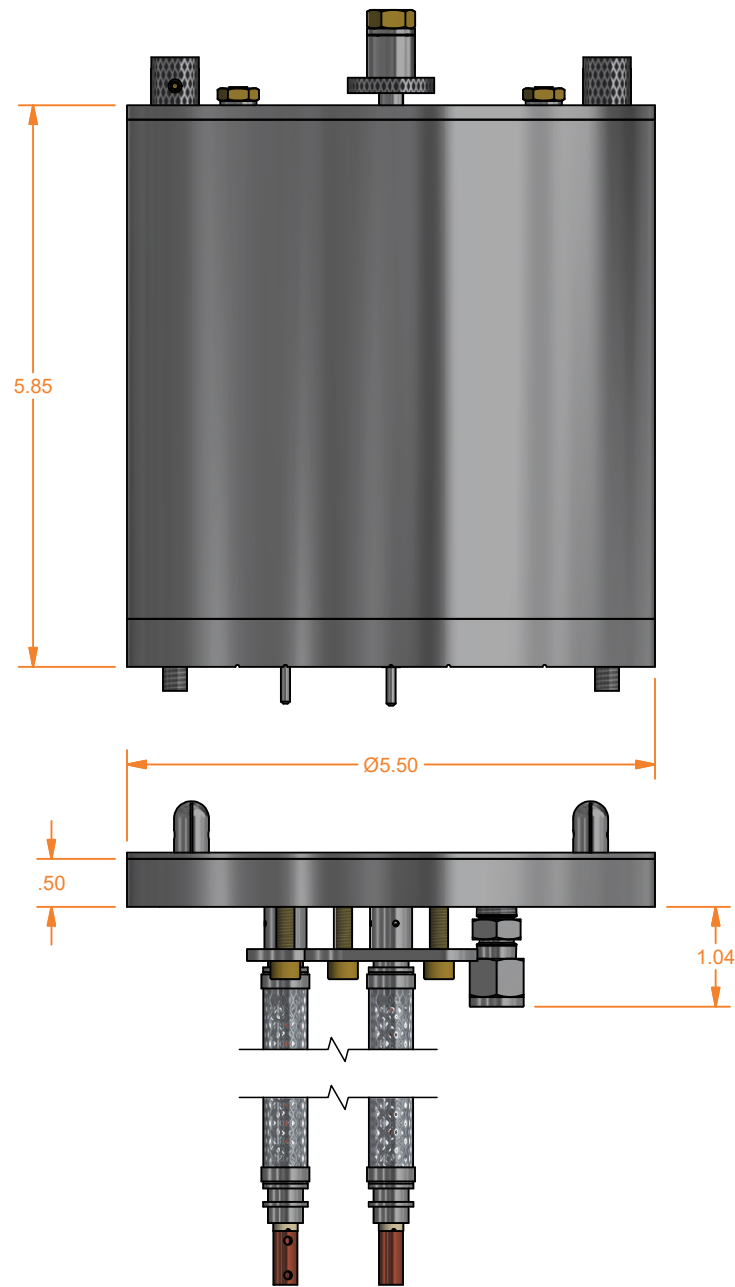
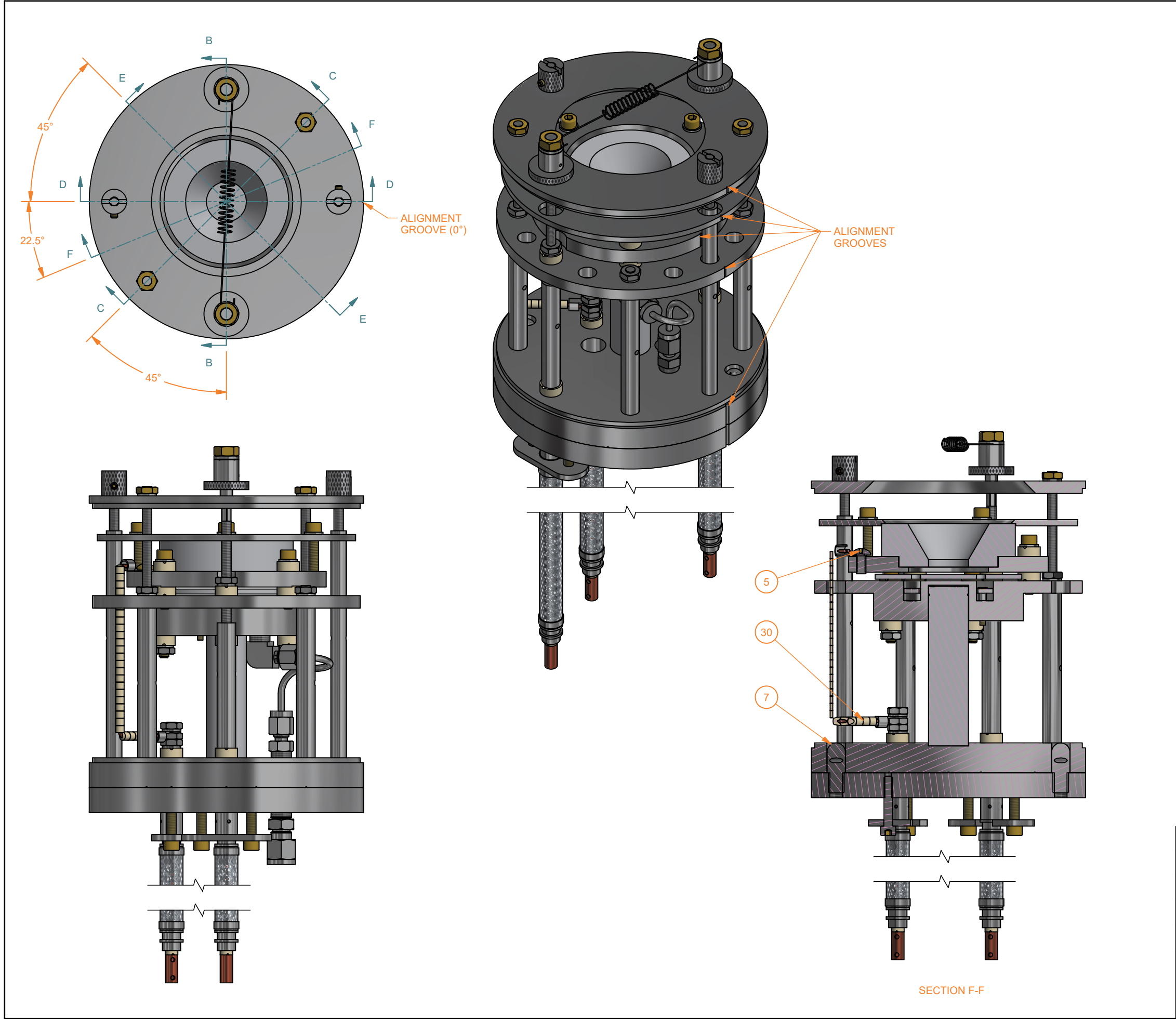




DWN: JB			THE INFORMATION IS CONFIDENTIAL ON THIS DRAWING WHICH IS THE PROPERTY OF INTIVAC AND MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY.		
DATE: 22-Nov-2018			UNLESS OTHERWISE SPECIFIED, THE DIMENSIONAL TOLERANCES ARE:		
APP:			FRAC.	DECIMAL	ANG.
DWG SIZE: B			± 1/64"	.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"	± 0.30'
		SURFACE ROUGHNESS		32/	THIRD ANGLE  
SCALE: 1 / 2	QTY:	MAT'L:			
TITLE: MARK II ASSEMBLY					
REF #	DWG # MARK II ASSEMBLY		SHEET. 1 / 3	REV. 0	

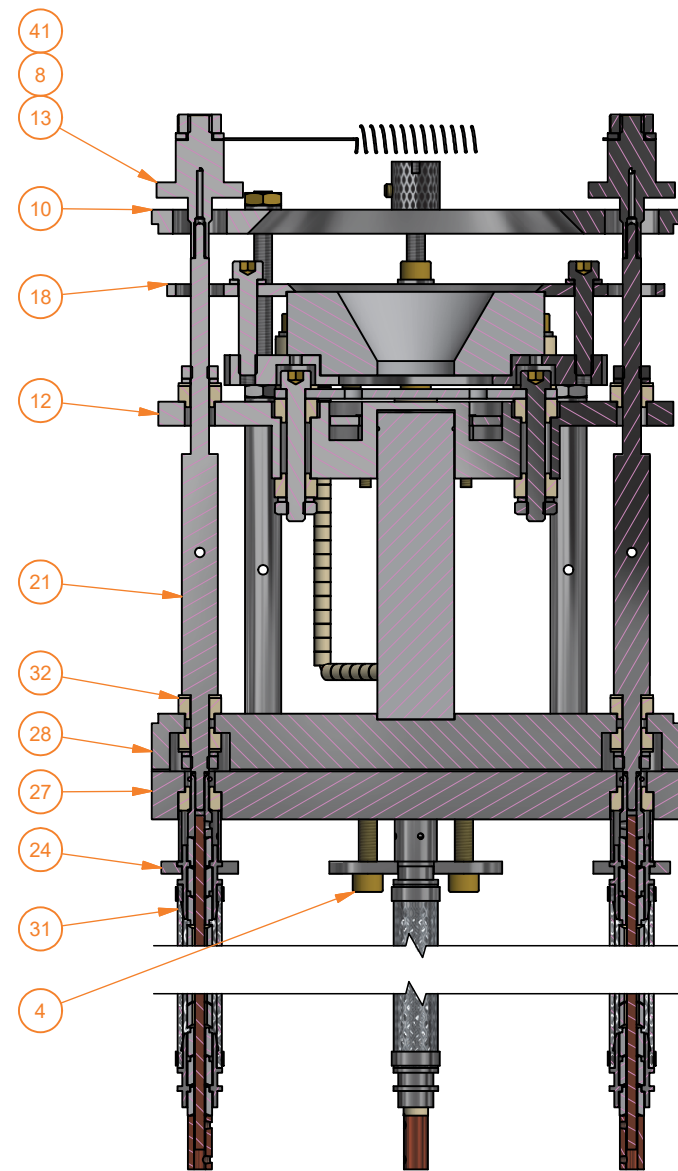


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	B27073_(A16962)	CATHODE FILAMENT
2	2	C28501-3_(B17490-3)	6-32 X 1/4 SET SCREW, AU PLATED
3	4	C28501-5_(B17490-5)	#10-32 X 1-3/8 SHCS, AU PLATED
4	14	C28501-6_(B17490-6)	#10-32 X 1" SHCS, AU PLATED
5	1	C28501-7_(B17490-7)	#10-32 X 3/8 PAN HEAD, AU PLATED
6	3	C28501-8_(B17490-8)	#4-40 X 3/4 FLA HEAD, AU PLATED
7	2	B30069_(A29958)	ALIGNMENT PIN
8	2	B32257-8_(A21146-8)	1/4-20 NUT, AU PLATED
9	1	C27030_(B16929)	GAS BAFFLE
10	1	C27034_(B16923)	OUTER POLE PIECE
11	1	C27038_(B16927)	ALNICO-5 MAGNET
12	1	C27039_(B16928)	SUPPORT PLATE
13	2	C27040_(B16939)	CATHODE SUPPORT
14	3	C27041_(B16930)	GAS DISTRIBUTOR SPACER
15	1	C27042_(B16931)	GAS DISTRIBUTOR, VARIOUS MATERIALS
16	1	C27043_(B16932)	BACK ANODE SUPPORT
17	1	C27044_(B16933)	ANODE, VARIOUS MATERIALS
18	1	C27045_(B16934)	FRONT ANODE SUPPORT
19	2	C27046_(B16935)	SHORT TIE ROD
20	2	C27047_(B16936)	LONG TIE ROD
21	2	C27048_(B16937)	CATHODE CONNECTION
22	1	C27049_(B16938)	ANODE CONNECTION
23	2	C27051_(B16940)	HOLD DOWN KNOB
24	3	C27055_(B16944)	CABLE RETAINER
25	1	C27057_(B16946)	EMPTY SOCKET COVER
26	2	C30060_(B29959)	HOLD DOWN SCREW
27	1	C30071_(B29960)	SOCKET
28	1	C30072_(B29961)	PLUG
29	1	B32067_(C43178)	MARK II OUTER SHELL
30	1	C44845	ANODE WIRE
31	3	C44868_(B33757)	MARK II VACUUM CABLE ASSEMBLY
32	24	10-32M	#10 INSULATOR, 99% ALUMINUM OXIDE, 16RMS
33	16	1032-H	#10-32 HEX NUT
34	25	10-FL	#10 FLAT WASHER
35	1	TUBE	1/8"OD FORMED GAS TUBE
36	1	SS-200-1-2	1/8 OD TUBE, 1/8 NPT MALE CONNECTOR
37	1	SS-200-2-2	1/8 OD TUBE, 1/8 NPT MALE CONNECTOR ELBOW
38	1	SS-400-1-2	1/4OD TUBE TO 1/8 NPT MALE CONNECTOR
39	3	4 - 40 NUT	Hex Machine Screw Nut
40	3	#4 LOCK WASHER	Helical Spring Lock Washers
41	2	25-FL	WASH, FLT, .260 I.D. X .467 O.D. X .060 THK, SS
42	2	B32257-7_(A21146-7)	10-32 NUT, AU PLATED

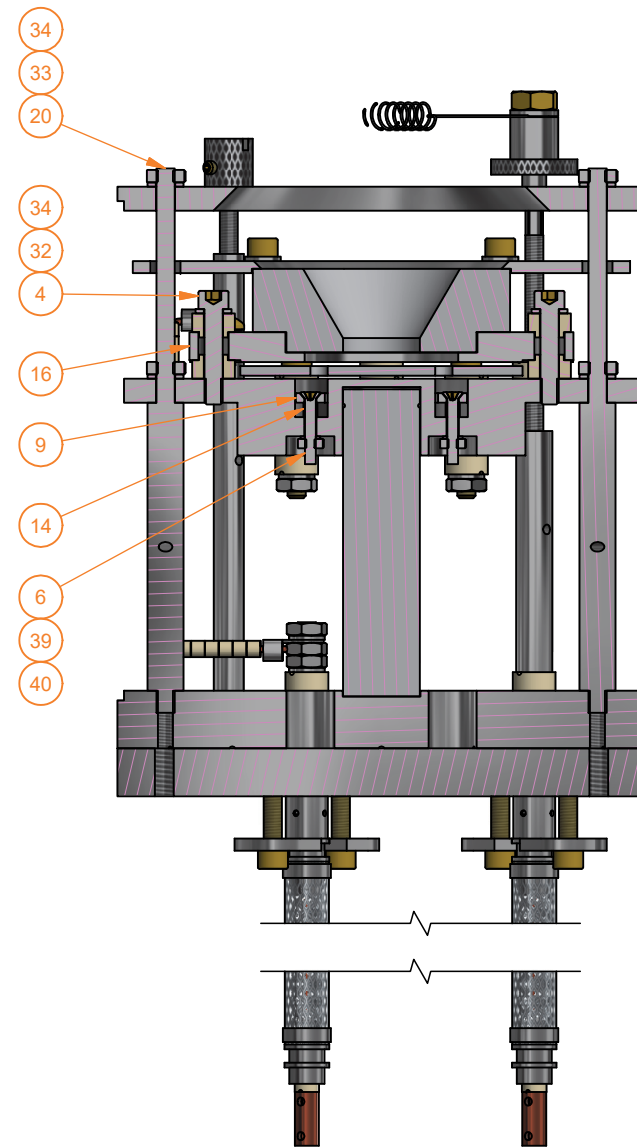
DWN: JB			THE INFORMATION IS CONFIDENTIAL ON THIS DRAWING WHICH IS THE PROPERTY OF INTLVAC AND MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY.							
DATE: 22-Nov-2018			UNLESS OTHERWISE SPECIFIED, THE DIMENSIONAL TOLERANCES ARE:							
APP:			<table><tr><th>FRAC.</th><th>DECIMAL</th><th>ANG.</th></tr><tr><td>± 1/64"</td><td>.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"</td><td>± 0.30°</td></tr></table>		FRAC.	DECIMAL	ANG.	± 1/64"	.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"	± 0.30°
FRAC.			DECIMAL	ANG.						
± 1/64"	.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"	± 0.30°								
DWG SIZE: B	SURFACE ROUGHNESS $\sqrt{32}$									
SCALE: 1:2	QTY:	MAT'L:								
TITLE: MARK II ASSEMBLY										
REF #	DWG # MARK II ASSEMBLY		SHEET. 2 / 3	REV. 0						



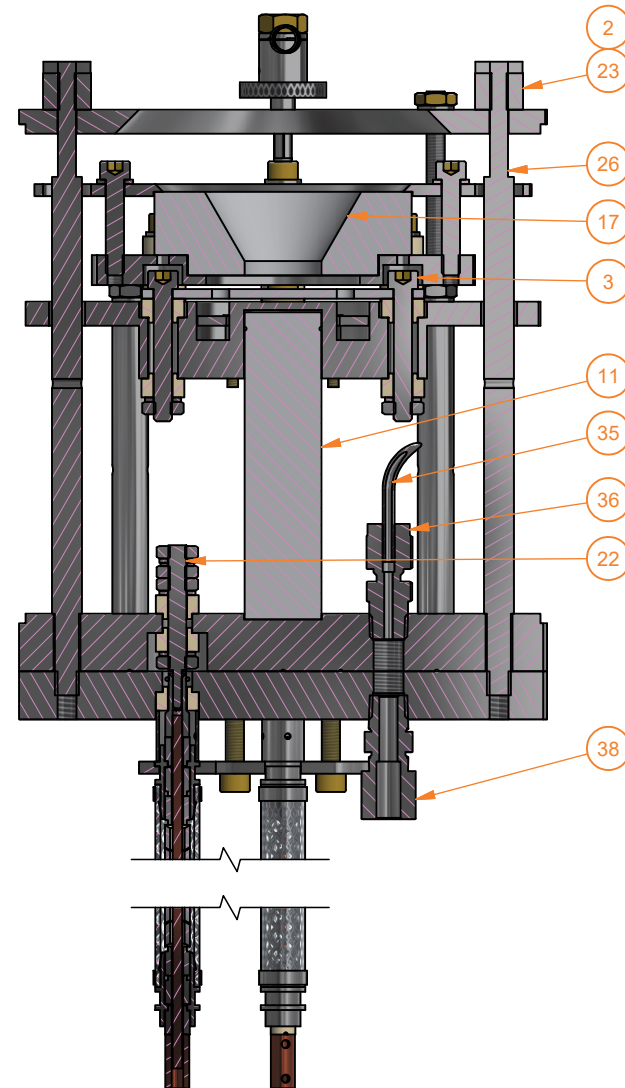

THIRD ANGLE



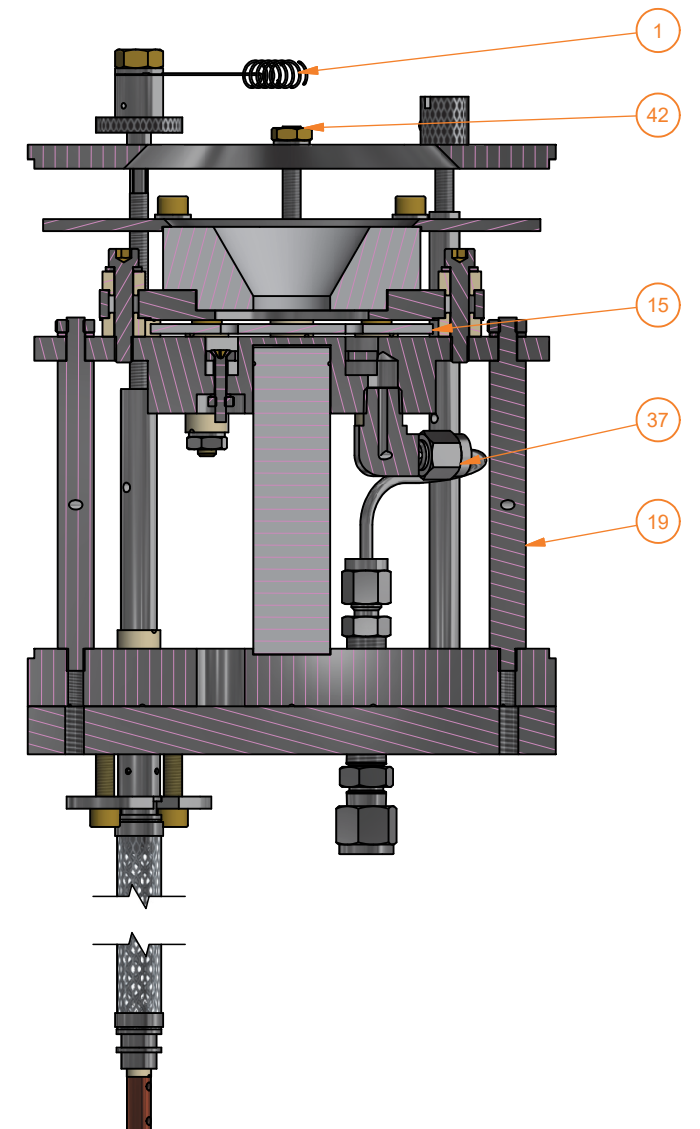
SECTION B-B
SCALE 1:2



SECTION C-C
SCALE 1:2



SECTION D-D
SCALE 1:2



SECTION E-E
SCALE 1:2

DWN: JB			THE INFORMATION IS CONFIDENTIAL ON THIS DRAWING WHICH IS THE PROPERTY OF INTLVAC AND MUST NOT BE COPIED OR DISCLOSED TO A THIRD PARTY.		THIRD ANGLE						
DATE: 22-Nov-2018											
APP:											
DWG SIZE: B											
SCALE: 1:2	QTY:	MAT'L:				<table><tr><th>FRAC.</th><th>DECIMAL</th><th>ANG.</th></tr><tr><td>± 1/64"</td><td>.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"</td><td>± 0 30'</td></tr></table>	FRAC.	DECIMAL	ANG.	± 1/64"	.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"
FRAC.	DECIMAL	ANG.									
± 1/64"	.X ± 0.010" .XX ± 0.005" .XXX ± 0.001"	± 0 30'									
TITLE: MARK II ASSEMBLY					 						
REF #	DWG # MARK II ASSEMBLY		SHEET. 3 / 3	REV. 0							
SURFACE ROUGHNESS 32											