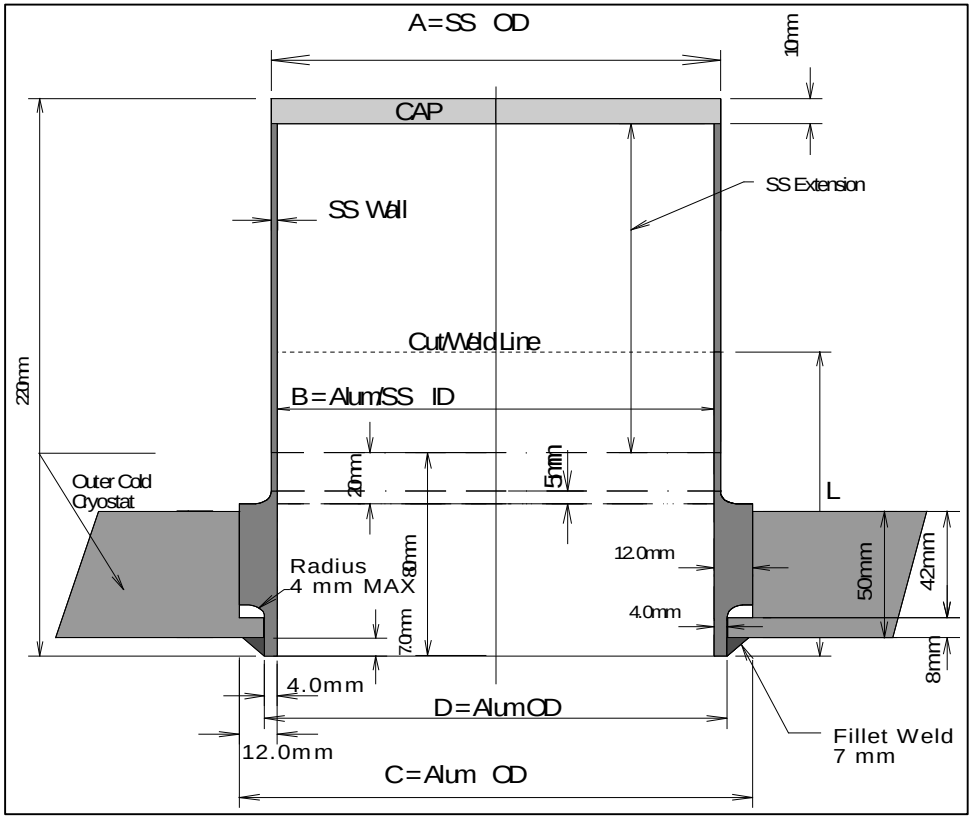
ATLAS CRYOSTAT TRANSITION SUMMARY



Metric Size SERVICE	Dash	Transition Piece Quantity	SS * OD A	SS Wall	Alum/ SS * Upper ID B	Transition Upper Alum Wall	Alum * OD C	Lower Alum Wall	Alum * Lower OD D	Installation Cut Line L	OL**	Lower Port *** Dia	C'Bore Port *** Dia	Lower Port total clear	C'Bore total clear	C'Bore radial clear
Cold Valve	03	1	76.200	2.00	72.200	12.00	96.200	4.00	80.200	TBD	220.00	80.70	96.50	0.50	0.30	0.15
Feed Thru	04	64	141.300	2.77	135.760	12.00	159.760	4.00	143.760	120.00	220.00	144.30	160.10	0.54	0.34	0.17
Triple Port	04	4	141.300	2.77	135.760	12.00	159.760	4.00	143.760	TBD	220.00	144.30	160.10	0.54	0.34	0.17
LAr Fill	05	1	168.300	2.00	164.300	12.00	188.300	4.00	172.300	TBD	220.00	172.80	188.60	0.50	0.30	0.15
HV	06	2	73.030	2.11	68.810	12.00	92.810	4.00	76.810	TBD	220.00	77.30	93.10	0.49	0.29	0.14
				reference		reference				reference				trans piec tol		+/-.1
		72												port		+/-.2
SS Alloy is	SUS304L			* Standard tolerance +/- .1 mm										tot tolerence		+/-.3
Alum alloy is	A5083-0			** Standard Tolerance +/- 4 mm												
				*** Tolerance +/- .2 mm												