	Stent Design Inputs		Units	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value
4.1	N_col	number of columns	#	10	10	10	10	10	10	10	10	10	10	10
4.2	N_struts	struts around circumference	#	42	42	42	42	42	42	42	42	42	42	42
4.3	D_tube	outer diamter of tubing	mm	1.915	1.915	1.915	1.915	1.915	1.915	1.915	1.915	1.915	1.915	1.915
4.4	t_raw	wall thickness of raw tubing	mm	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170	0.170
4.5	L_strut_inner	strut length to inner tangents	mm	**0.700**	**0.800**	**0.900**	**1.000**	**1.100**	**1.200**	**1.300**	**1.400**	**1.500**	**1.600**	**1.700**
4.6	w_apex_raw	apex width, as-cut	mm	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130
4.7	X_bridge	axial gap between outer tangents	mm	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
4.8	Y_bridge	circumferential span of bridge	mm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4.9	w_bridge_raw	width of bridge	mm	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
4.10	N_bridges	number of bridges around circ.	#	7	7	7	7	7	7	7	7	7	7	7
	Process Parameters													
4.11	w_kerf	minimum effecitve kerf width	mm	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
4.12	m_width	width removal in finishing	mm	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
4.13	m_thickness	wall thickness removal	mm	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
4.14	Af	Af of finished component	degC	27	27	27	27	27	27	27	27	27	27	27
	Material Properties													
4.15	E_Af_low	modulus of elasticity at Low Af	Mpa	94000	94000	94000	94000	94000	94000	94000	94000	94000	94000	94000
4.16	Af_low	Low Af for defining E	degC	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
4.17	E_Af_high	modulus of elasticity at Af High	Mpa	34000	34000	34000	34000	34000	34000	34000	34000	34000	34000	34000
4.18	Af_high	High Af for defining E	degC	37	37	37	37	37	37	37	37	37	37	37
4.19	Af_inflection	Inflection point in E vs Af	degC	19	19	19	19	19	19	19	19	19	19	19
4.20	E_case1	E for Af < Af_low	MPa	94000	94000	94000	94000	94000	94000	94000	94000	94000	94000	94000
4.21	E_case2	E for Af_low < Af < Af_inflection	MPa	31741	31741	31741	31741	31741	31741	31741	31741	31741	31741	31741
4.22	E_case3	E for Af_inflection < Af < Af_high	MPa	34059	34059	34059	34059	34059	34059	34059	34059	34059	34059	34059
4.23	E_case1	E for Af > Af_high	MPa	34000	34000	34000	34000	34000	34000	34000	34000	34000	34000	34000
4.24	E	modulus of elasticity at spec'ed Af	MPa	34059	34059	34059	34059	34059	34059	34059	34059	34059	34059	34059
4.25	density_niti	density of Nitinol	mg/mm^3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
4.26	strain_endurance	endurance limit	%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%	0.40%