Tabel 1

Diameters	Ti	To	Tm	TL
inches	3,000	5,250	4,125	115,500
Cm	7,620	13,335	10,478	293,370
Inches				57,750
Cm	Radius bend	12,05	Cone exhaust length	177,467
Cm	Length bend internal	37,856	Diameter tube	7,620
Cm		14,904	Tube between corner and combustion chamber (if negative: bend radius too large)	78,047
	Ni	No	Nm	NL
inches	3,984	4,316	4,150	15,976
Cm	10,119	10,962	10,540	40,579
	Ci	Co	Cm	CL
inches	10,616	11,280	10,948	15,875
Cm	26,966	28,651	27,809	40,322
	Ci	No		
Inches	10,616	4,316		
Cm	26,966	10,962		
Juiste				
	Co	Ti		
inches	11,280	3,000		
Cm	28,651	7,620		

Part 1 Exhaust cone	Radius 1 (radius To)	Radius 2 (radius Ti)	Circumference 1	Circumference 2	Length	Diagonal Length	Radius inner circle	Radius outer circle	Degrees	Percentage
Inches	2,625	1,500	16,493	9,425	69,869	69,878	93,170	163,048	5,796	1,610
Cm	6,668	3,810	41,893	23,939	177,467	177,490	236,653	414,142	5,796	1,610
Part 5 Nozzle cone	Radius 1 (radius No)	Radius 2 (radius Ni)	Circumference 1	Circumference 2	Length	Diagonal Length	Radius inner circle	Radius outer circle	Degrees	Percentage
Inches	2,158	1,992	13,558	12,515	15,976	15,977	191,724	207,701	3,740	1,039
Cm	5,481	5,059	34,437	31,788	40,579	40,582	486,980	527,561	3,740	1,039
Part 3 Combustion chamber	Radius 1 (radius Co)	Radius 2 (radius Ci)	Circumference 1	Circumference 2	Length	Diagonal Length	Radius inner circle	Radius outer circle	Degrees	Percentage
Inches	5,308	5,640	33,353	35,437	15,875	15,878	254,055	269,933	7,522	2,089
Cm	14,326	13,483	90,010	84,716	40,322	40,331	645,298	685,630	7,522	2,089
Part 2 Cone from tube to Combustion chamber	Radius 1 (radius Co)	Radius 2 (radius Ti)	Circumference 1	Circumference 2	Length	Diagonal Length	Radius inner circle	Radius outer circle	Degrees	Percentage
Inches	5,640	1,500	35,437	9,425	4,140	5,855	2,121	7,976	254,558	70,711
Cm	14,326	3,810	90,010	23,939	10,516	14,871	5,388	20,259	254,558	70,711
Part 4 Cone from Combustion chamber to nozzle	Radius 1 (radius Ci)	Radius 2 (radius No)	Circumference 1	Circumference 2	Length	Diagonal Length	Radius inner circle	Radius outer circle	Degrees	Percentage
Inches	5,308	2,158	33,353	13,558	3,150	4,455	3,052	7,507	254,558	70,711
Cm	13,483	5,481	84,716	34,437	8,002	11,317	7,751	19,068	254,558	70,711

Checklist	Part 1	Part 2	Part 3	Part 4	Part 5
Indicates gaps between welds in cm	0,000	0,000	0,000	0,000	0,000
Indicates gaps between welds in cm	0,000	0,000	0,000	0,000	0,000

Surface	Part 1	Part 2	Part 3	Part 4	Part 5	Total	Recommended size	Changeable value
Inches^2	905,551	131,330	546,136	104,502	208,285	1895,804	7223,013	3,000
Cm^2	5842,255	847,288	3523,452	674,204	1343,770	12230,969	18346,454	7,620
m^2	0,584	0,085	0,352	0,067	0,134	1,223	1,835	0,000762
Volume	Part 1	Part 2	Part 3	Part 4	Part 5	Bend	Total	
Inches^3	933,729	165,763	1494,480	137,924	216,066	322,548	2947,962	
Cm^3	15301,075	2716,363	24490,148	2260,171	3540,682	5285,619	48308,438	
m^3	0,015	0,003	0,024	0,002	0,004	0,005	0,048	
Liter	15,301	2,716	24,490	2,260	3,541	5,286	48,308	

Only the one in cm can be changed the others will auto adjust (1 inch = 2,54 cm)

Bend radius
12,05

Needs to be adjusted to your specific bend