

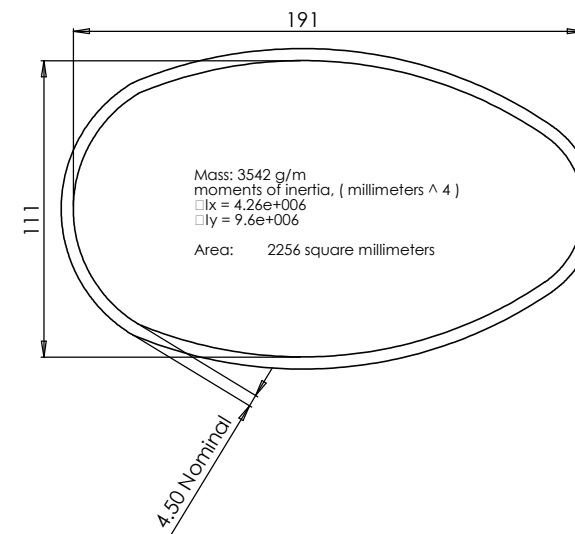
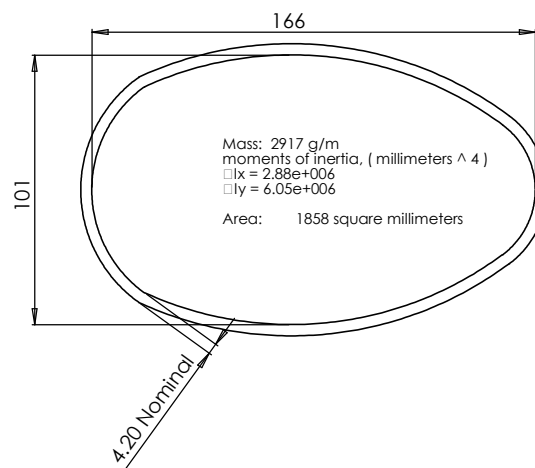
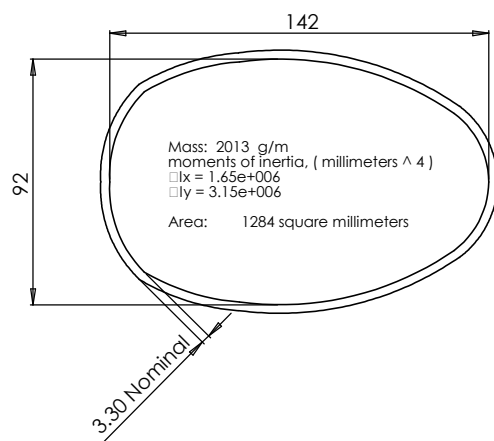
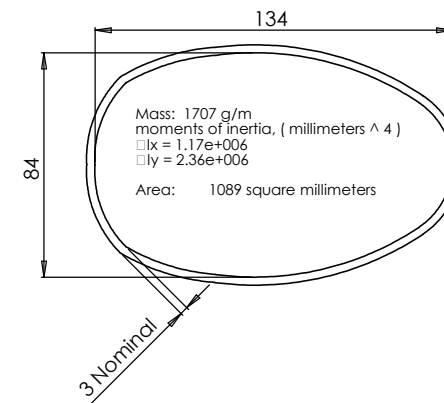
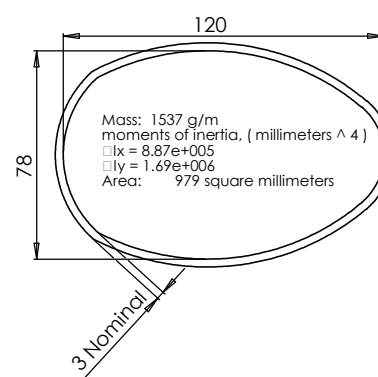
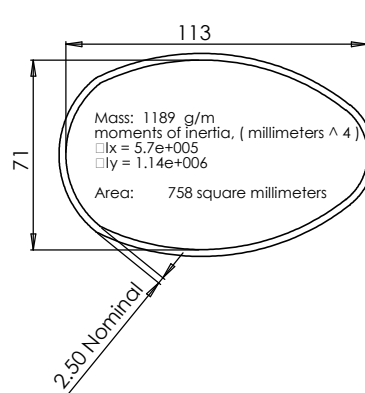
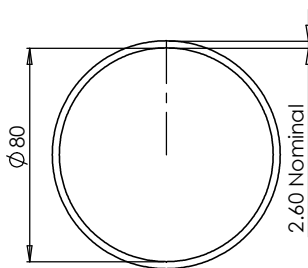
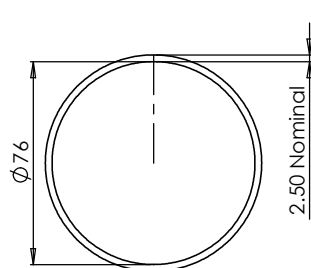
REV E - 7 Aug 07 renamed  
 was CST-TD-151 REV E  
 REV F -20 Aug 07  
 additional sections added  
 REF G -14 May 08  
 -was CST-PD-579 REV F  
 - Nominal Tolerances

Mass: 968 g/m  
 moments of inertia, ( millimeters ^ 4 )  
 I<sub>x</sub> = 4.75e+005  
 I<sub>y</sub> = 4.75e+005

Area = 617 square millimeters

Mass: 1059 g/m  
 moments of inertia, ( millimeters ^ 4 )  
 I<sub>x</sub> = 5.76e+005  
 I<sub>y</sub> = 5.76e+005

Area: 675 square millimeters



CST Product No.	L (OD) (mm)	t (mm)	L(ID) (mm)	W(ID) (mm)	Kg/m	Elyy (kNm <sup>2</sup> )	Elxx (kNm <sup>2</sup> )
S-MR-076-000	81	2.5	76 x	76	0.97	48	48
S-MR-080-000	85.2	2.6	80 x	80	1.06	58	58
S-MR-113-000	118	2.5	113 x	71	1.19	114	57
S-MR-120-000	126	3	120 x	78	1.54	169	89
S-MR-134-000	140	3	134 x	84	1.71	236	117
S-MR-142-000	148.6	3.3	142 x	92	2.01	315	165
S-MR-166-000	174.4	4.2	166 x	101	2.92	605	288
S-MR-191-000	200	4.5	191 x	111	3.54	960	426

MATERIAL: Carbon Fiber Reinforced Epoxy  
 WALL THICKNESS AND WEIGHT ARE  
 SUBJECT TO MANUFACTURING TOLERANCES

LAST SAVE Date: Wednesday, 14 May 2008 12:13:57 PM

CST File location: K:\office\_secure\Engineering\Models\06-Elliptical sections\mast family\CST-DR-273

DRAWN			CHECKED			DATE			SCALE		
NAME	SIGNATURE	DATE	NAME	SIGNATURE	DATE	SCALE	CST Composites				
MATERIAL: CFRP						SHEET 1 OF 1					