

2022/02/28

Copies of all drawings can be downloaded from http://lichen.phys.uregina.ca/~huberg/solid/cfi2023_sms/

Description	Assy	Sub-Assy #	Part #	Qty	Bolts							
					Total Quantity:						SHCS	SHCS
					5/16-24 x 75"	5/16-24 x 1.25"	5/16-24 x 1.5"	5/16-24 x 1.75"	5/16-24 x 2.25"	5/16-24 x 2.5"	1/4-20 x 1.25	3/8-16 x 5.25
Vessel		SP-10-01-00										
	Bottom Center		SP-10-01-01	10	0	0	0	0	0	0	0	0
	Bottom Right		SP-10-01-02	10	0	80	0	90	0	0	0	0
	Bottom Left		SP-10-01-03	10	0	80	0	90	0	0	0	0
	Side Plate-Right		SP-10-01-05	2	0	0	0	0	0	0	0	0
	Side Plate-Left		SP-10-01-06	2	0	0	0	0	0	0	0	0
	Rib-Mid		SP-10-01-07	8	0	0	0	0	0	0	0	0
	Rib-Top		SP-10-01-08	20	0	0	0	0	0	0	0	0
	Front Plate		SP-10-01-09	10	0	0	120	0	0	0	300	0
	Front-Top Plate PMT		SP-10-01-11	Future								
	Front-Top Plate Blank		SP-10-01-12	30	0	0	960	0	0	0	0	0
	Top Plate		SP-10-01-13	30	0	0	540	0	0	0	0	0
	Back Plate		SP-10-01-14	10	0	0	0	0	210	200	0	0
	Back Window		SP-10-01-16	10	800	0	0	0	0	20	0	0
	Mount Side		SP-10-01-18	20	0	0	0	0	0	0	0	0
	Mount Top		SP-10-01-19	10	0	0	0	0	0	0	0	100
	Top Brace		SP-10-01-21	Optional								
Front Window		SP-10-02-00										
	Front Window Frame		SP-10-02-01	10	0	340	0	0	620	0	0	0
Total:					800	500	1620	180	830	220	300	100

Recommended Bolts:

5/16-24 x 75"	5/16-24 x 1.25"	5/16-24 x 1.5"	5/16-24 x 1.75"	5/16-24 x 2.25"	5/16-24 x 2.5"	1/4-20 x 1.25	3/8-16 x 5.25
						SHCS	SHCS

<https://www.duniway.com/catalog/hardware/bolts-studs-nuts>

SS302-HQ	Duniway p/n	BX-24-075	BX-24-125	BX-24-150	BX-24-175	BX-24-225	BX-24-250	Total \$US
	US\$/25ea	37.50	30.00	36.25	40.50	37.00	38.00	
	w/extras-> Pack of 25ea	32	20	65	7	33	9	
	\$	1200.00	600.00	2356.25	283.50	1221.00	342.00	6002.75

<https://www.mcmaster.com/>

316SS	McMC p/n	09285A544	92185A636	Bolt US\$ est
	\$ ea	0.43	2.73	
	w/extras-> Qty	300	100	
	\$	129.00	273.00	402.00
				6404.75

** 6" L
-need to shorten