

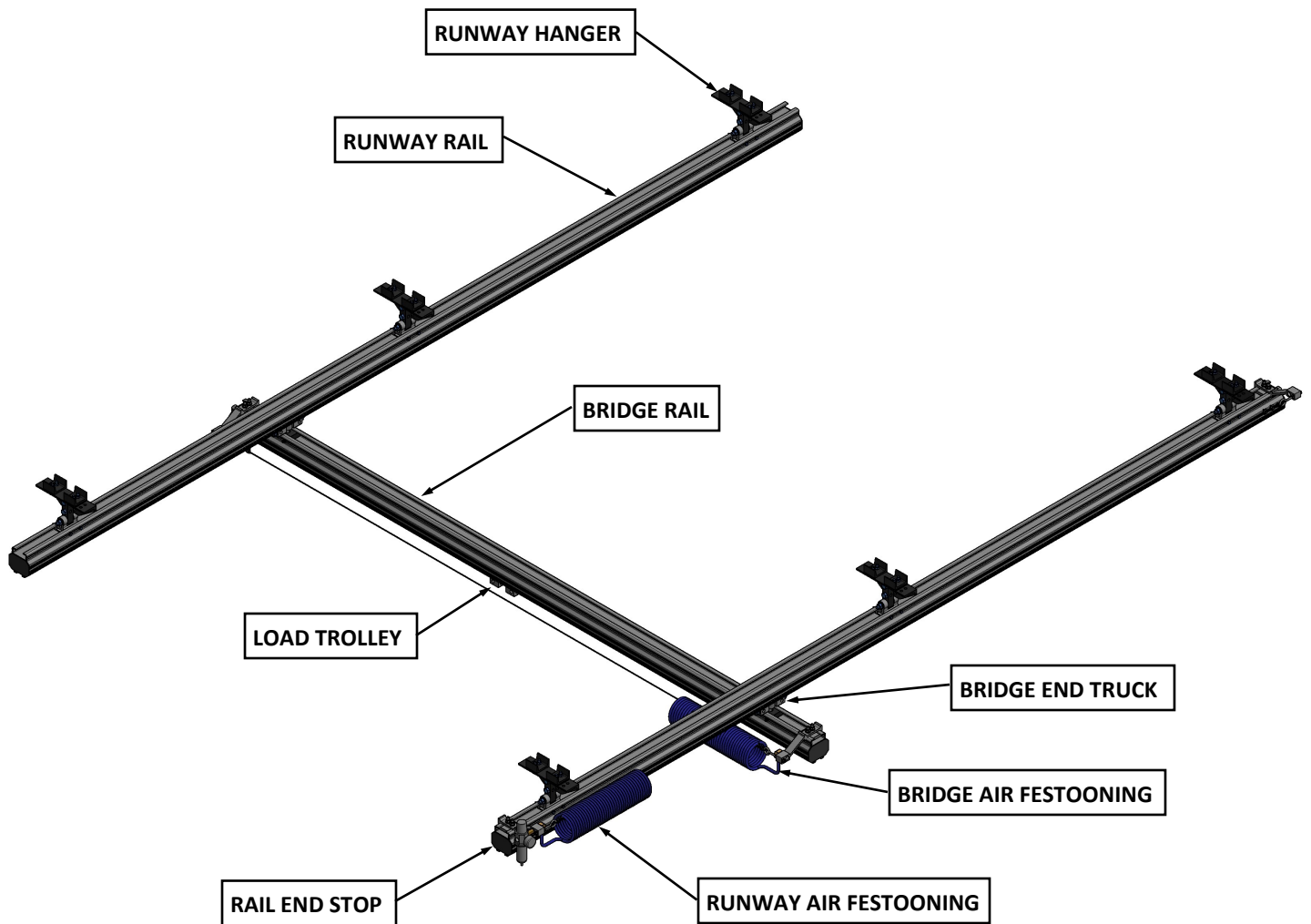
RAIL SYSTEM CATALOG 2024



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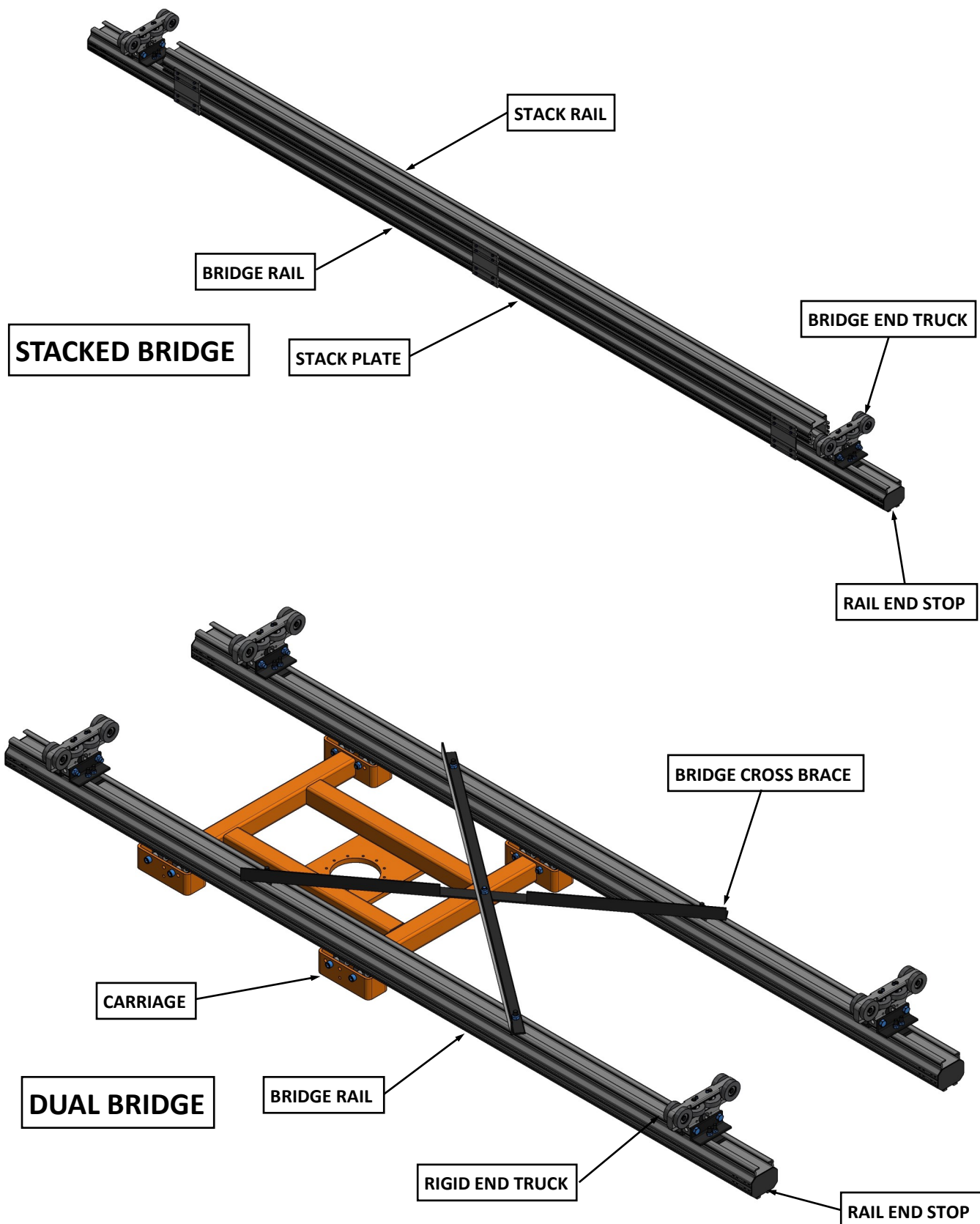
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TYPICAL RAIL SYSTEM



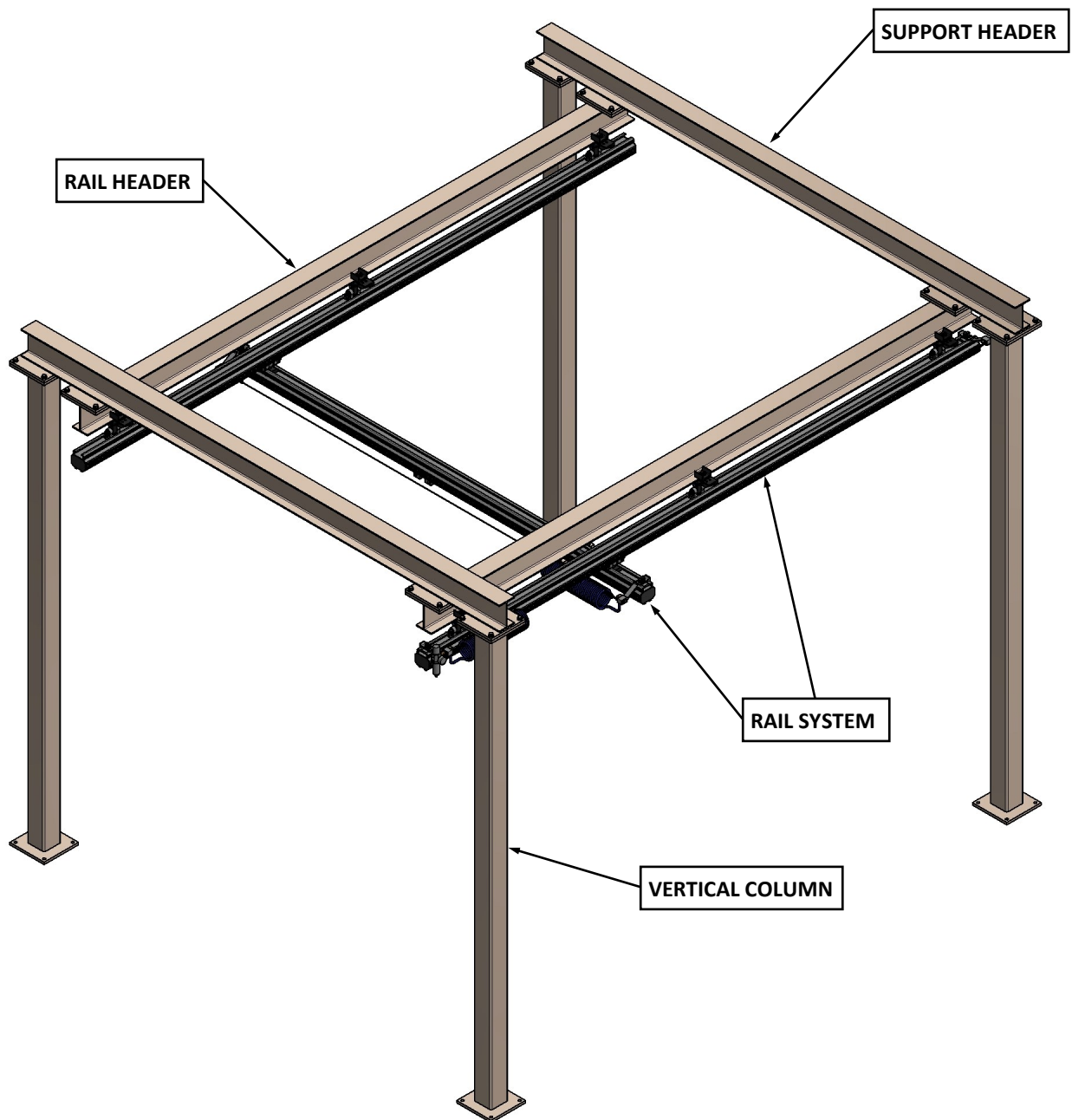
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ALTERNATIVE BRIDGE EXAMPLES

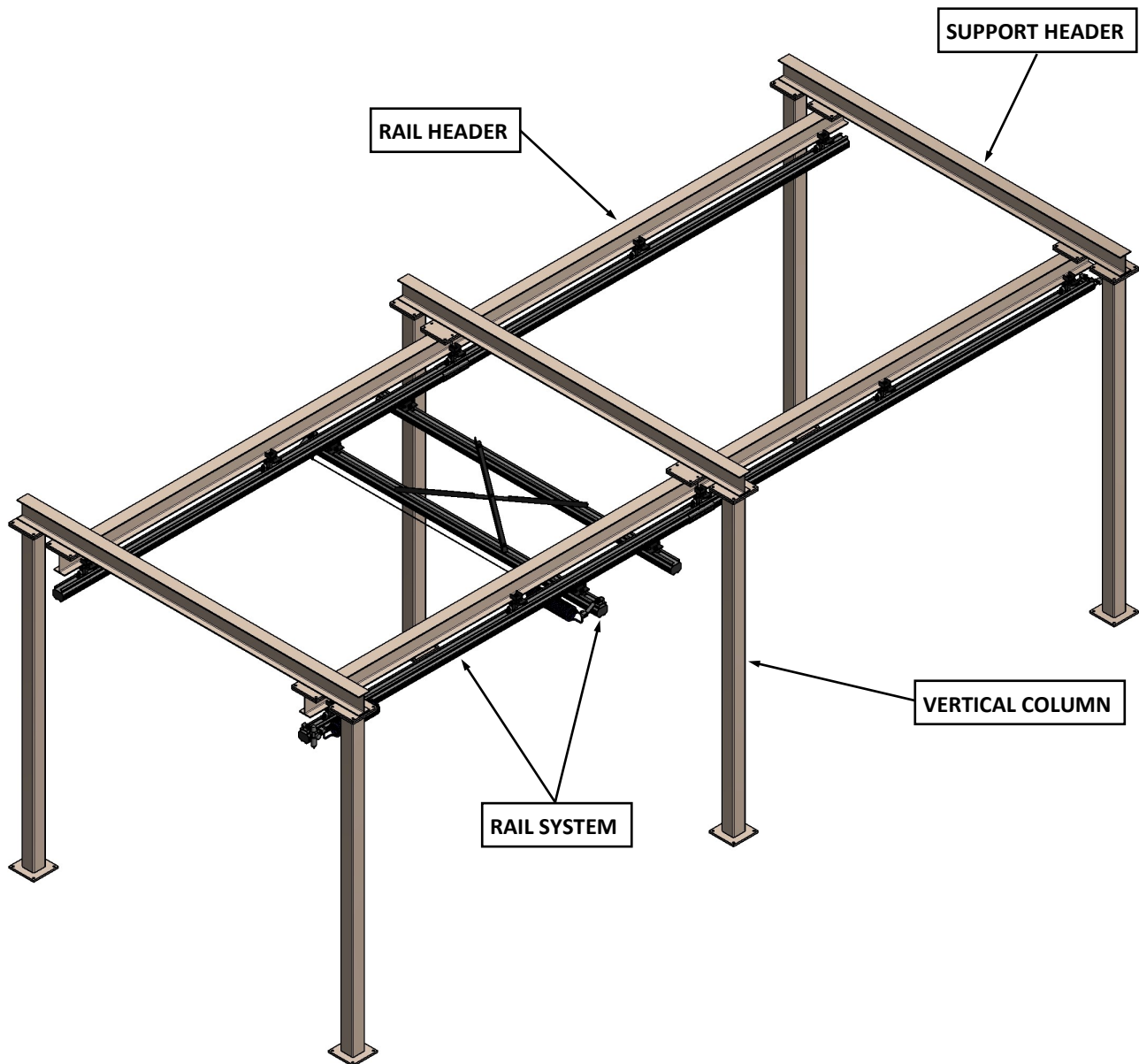


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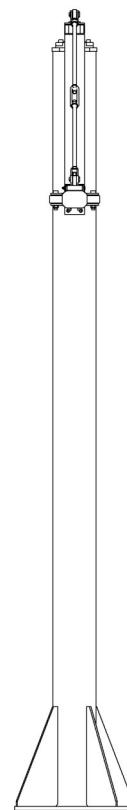
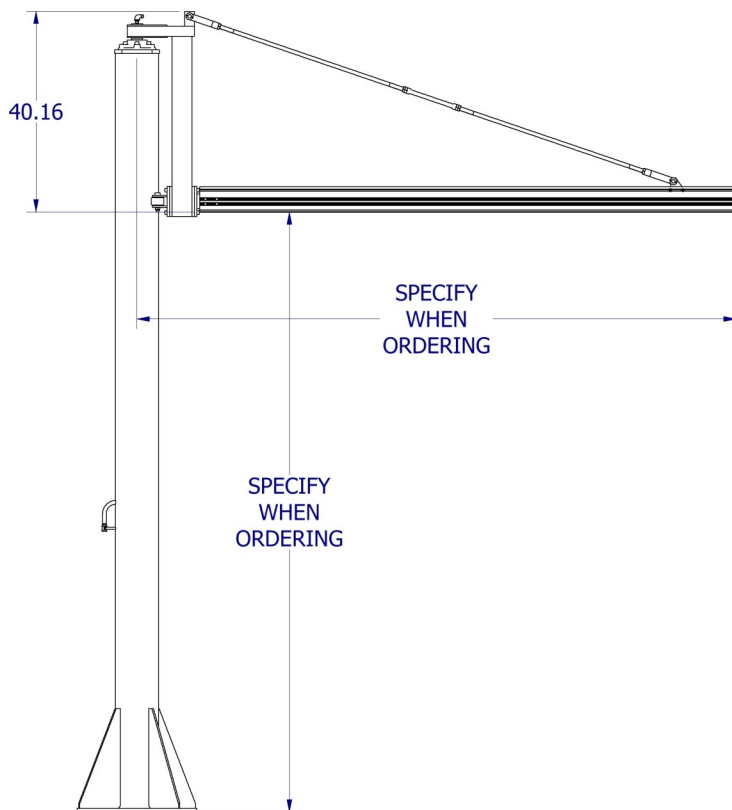
TYPICAL FOUR POST SUPPORT STRUCTURE



TYPICAL SIX POST SUPPORT STRUCTURE



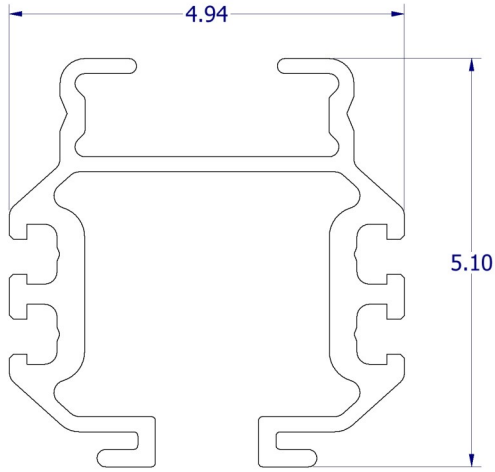
JIB CRANE



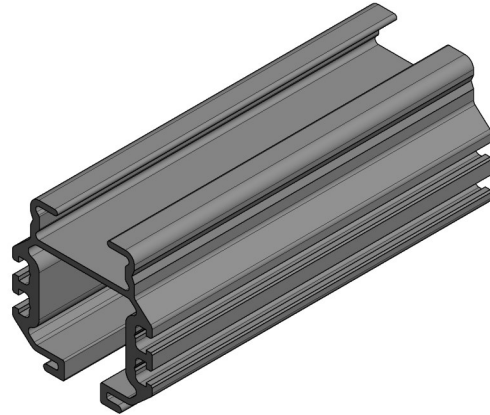
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ENCLOSED RAIL SECTION

ALL RAILS ARE DRILLED FOR END STOPS AND SPLICE PLATES



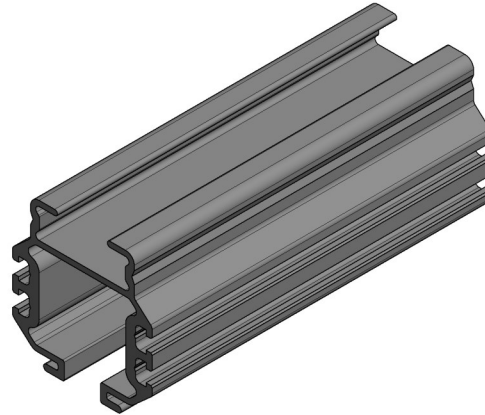
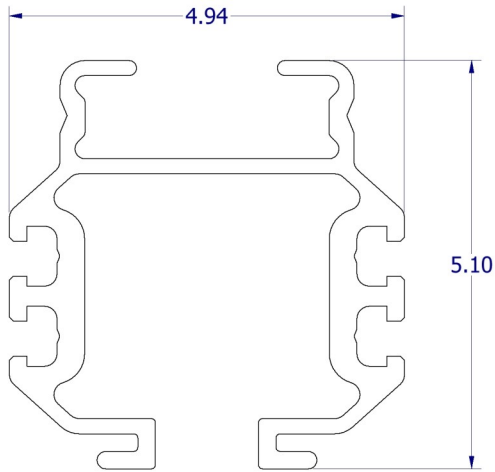
6.4 LBS. PER FOOT



PART #	DESCRIPTION
SESR-05	5 ft. ENCLOSED RAIL SECTION
SESR-06	6 ft. ENCLOSED RAIL SECTION
SESR-07	7 ft. ENCLOSED RAIL SECTION
SESR-08	8 ft. ENCLOSED RAIL SECTION
SESR-09	9 ft. ENCLOSED RAIL SECTION
SESR-10	10 ft. ENCLOSED RAIL SECTION
SESR-11	11 ft. ENCLOSED RAIL SECTION
SESR-12	12 ft. ENCLOSED RAIL SECTION
SESR-13	13 ft. ENCLOSED RAIL SECTION
SESR-14	14 ft. ENCLOSED RAIL SECTION
SESR-15	15 ft. ENCLOSED RAIL SECTION
SESR-16	16 ft. ENCLOSED RAIL SECTION
SESR-17	17 ft. ENCLOSED RAIL SECTION

PART #	DESCRIPTION
SESR-18	18 ft. ENCLOSED RAIL SECTION
SESR-19	19 ft. ENCLOSED RAIL SECTION
SESR-20	20 ft. ENCLOSED RAIL SECTION
SESR-21	21 ft. ENCLOSED RAIL SECTION
SESR-22	22 ft. ENCLOSED RAIL SECTION
SESR-23	23 ft. ENCLOSED RAIL SECTION
SESR-24	24 ft. ENCLOSED RAIL SECTION
SESR-25	25 ft. ENCLOSED RAIL SECTION
SESR-26	26 ft. ENCLOSED RAIL SECTION
SESR-27	27 ft. ENCLOSED RAIL SECTION
SESR-28	28 ft. ENCLOSED RAIL SECTION
SESR-29	29 ft. ENCLOSED RAIL SECTION
SESR-30	30 ft. ENCLOSED RAIL SECTION

ENCLOSED RAIL LOAD CHART



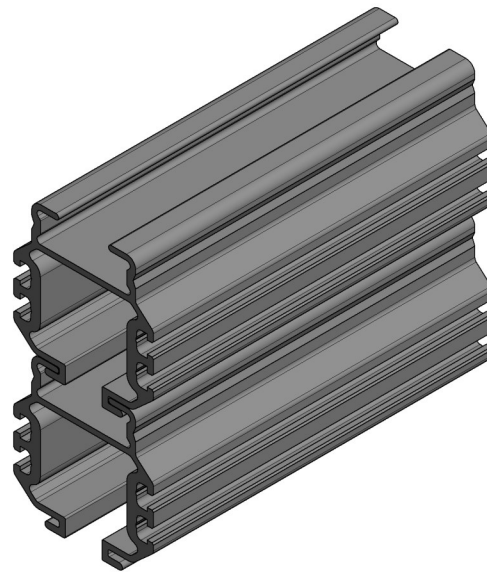
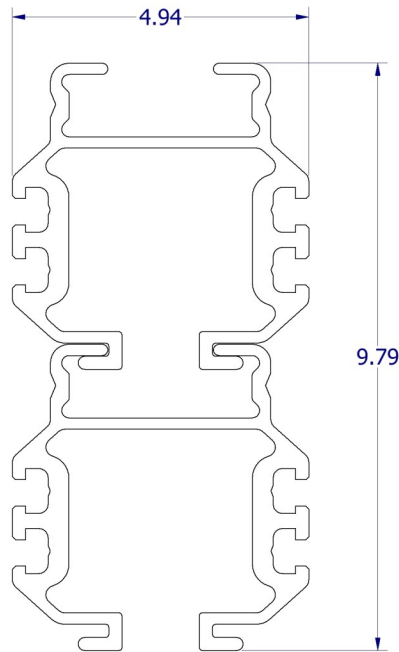
6.4 LBS. PER FOOT

SPAN BETWEEN SUSPENSION POINTS				DEFLECTION LIMITS				POINT LOAD			
FEET	INCHES	METERS	MILLIMETERS	1/450 IN	1/450mm	1/550 IN	1/550mm	1/450 LB	1/450 KG	1/550 LB	1/550 KG
5	60	1.524	1524	0.13	3.4	0.11	2.8	3000	1363	2740	1245
6	72	1.829	1829	0.16	4.1	0.13	3.3	2330	1059	1900	863
7	84	2.134	2134	0.19	4.7	0.15	3.9	1710	777	1400	636
8	96	2.438	2438	0.21	5.4	0.17	4.4	1310	595	1070	486
9	108	2.743	2743	0.24	6.1	0.20	5.0	1030	468	840	381
10	120	3.048	3048	0.27	6.8	0.22	5.5	830	377	680	309
11	132	3.353	3353	0.29	7.5	0.24	6.1	690	313	560	254
12	144	3.658	3658	0.32	8.1	0.26	6.7	580	263	470	213
13	156	3.962	3962	0.35	8.8	0.28	7.2	490	222	400	181
14	168	4.267	4267	0.37	9.5	0.31	7.8	430	195	350	159
15	180	4.572	4572	0.40	10.2	0.33	8.3	370	168	300	136
16	192	4.877	4877	0.43	10.8	0.35	8.9	320	145	270	122
17	204	5.182	5182	0.45	11.5	0.37	9.4	290	131	230	104
18	216	5.486	5486	0.48	12.2	0.39	10.0	260	118	210	95
19	228	5.791	5791	0.51	12.9	0.41	10.5	230	104	190	86
20	240	6.096	6096	0.53	13.5	0.44	11.1	210	95	170	77
21	252	6.401	6401	0.56	14.2	0.46	11.6	190	86	150	68
22	264	6.706	6706	0.59	14.9	0.48	12.2	170	77	140	63
23	276	7.010	7010	0.61	15.6	0.50	12.7	150	68	130	59
24	288	7.315	7315	0.64	16.3	0.52	13.3	140	63	120	54
25	300	7.620	7620	0.67	16.9	0.55	13.9	130	59	110	49
26	312	7.925	7925	0.69	17.6	0.57	14.4	120	54	100	45
27	324	8.230	8230	0.72	18.3	0.59	15.0	110	49	90	40
28	336	8.534	8534	0.75	19.0	0.61	15.5	100	45	80	36

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STACKED ENCLOSED RAIL LOAD CHART



12.8 LBS. PER FOOT

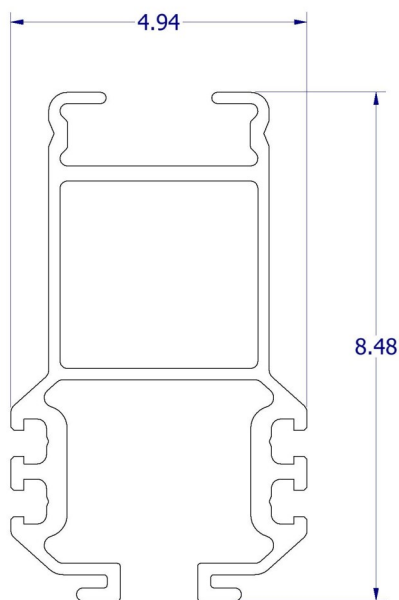
SPAN BETWEEN SUSPENSION POINTS				DEFLECTION LIMITS				POINT LOAD			
FEET	INCHES	METERS	MILLIMETERS	1/450 IN	1/450mm	1/550 IN	1/550mm	1/450 LB	1/450 KG	1/550 LB	1/550 KG
5	60	1.524	1524	0.13	3.4	0.11	2.8	3000	1363	3000	1363
6	72	1.829	1829	0.16	4.1	0.13	3.3	3000	1363	3000	1363
7	84	2.134	2134	0.19	4.7	0.15	3.9	3000	1363	3000	1363
8	96	2.438	2438	0.21	5.4	0.17	4.4	3000	1363	2600	1181
9	108	2.743	2743	0.24	6.1	0.20	5.0	2500	1136	2050	931
10	120	3.048	3048	0.27	6.8	0.22	5.5	2020	918	1660	754
11	132	3.353	3353	0.29	7.5	0.24	6.1	1670	759	1370	622
12	144	3.658	3658	0.32	8.1	0.26	6.7	1400	636	1150	522
13	156	3.962	3962	0.35	8.8	0.28	7.2	1200	545	980	445
14	168	4.267	4267	0.37	9.5	0.31	7.8	1030	468	840	381
15	180	4.572	4572	0.40	10.2	0.33	8.3	900	409	730	331
16	192	4.877	4877	0.43	10.8	0.35	8.9	790	359	650	295
17	204	5.182	5182	0.45	11.5	0.37	9.4	700	318	570	259
18	216	5.486	5486	0.48	12.2	0.39	10.0	620	281	510	231
19	228	5.791	5791	0.51	12.9	0.41	10.5	560	254	460	209
20	240	6.096	6096	0.53	13.5	0.44	11.1	500	227	410	186
21	252	6.401	6401	0.56	14.2	0.46	11.6	460	209	370	168
22	264	6.706	6706	0.59	14.9	0.48	12.2	420	190	340	154
23	276	7.010	7010	0.61	15.6	0.50	12.7	380	172	310	140
24	288	7.315	7315	0.64	16.3	0.52	13.3	350	159	290	131
25	300	7.620	7620	0.67	16.9	0.55	13.9	320	145	260	118
26	312	7.925	7925	0.69	17.6	0.57	14.4	300	136	240	109
27	324	8.230	8230	0.72	18.3	0.59	15.0	270	122	220	99
28	336	8.534	8534	0.75	19.0	0.61	15.5	250	113	210	95

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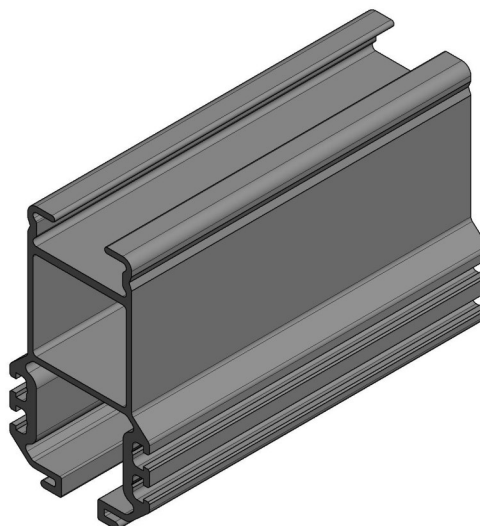
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HD ENCLOSED RAIL SECTION

ALL RAILS ARE DRILLED FOR END STOPS AND SPLICE PLATES



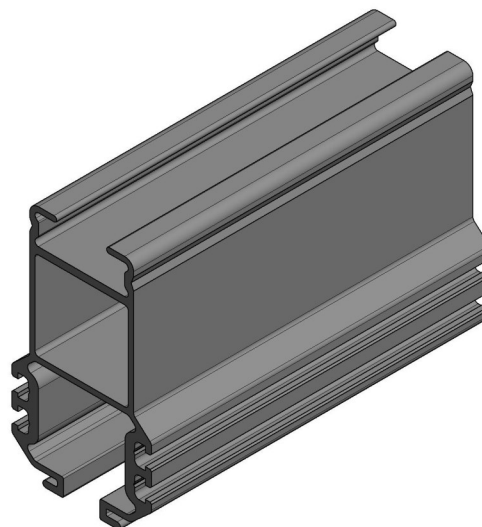
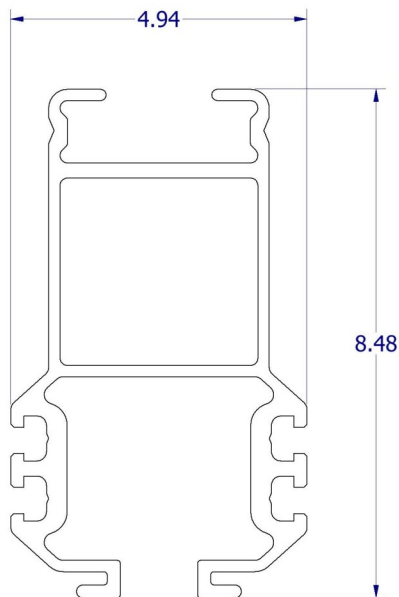
8.9 LBS. PER FOOT



PART #	DESCRIPTION
SESHD-05	5 ft. HD ENCLOSED RAIL SECTION
SESHD-06	6 ft. HD ENCLOSED RAIL SECTION
SESHD-07	7 ft. HD ENCLOSED RAIL SECTION
SESHD-08	8 ft. HD ENCLOSED RAIL SECTION
SESHD-09	9 ft. HD ENCLOSED RAIL SECTION
SESHD-10	10 ft. HD ENCLOSED RAIL SECTION
SESHD-11	11 ft. HD ENCLOSED RAIL SECTION
SESHD-12	12 ft. HD ENCLOSED RAIL SECTION
SESHD-13	13 ft. HD ENCLOSED RAIL SECTION
SESHD-14	14 ft. HD ENCLOSED RAIL SECTION
SESHD-15	15 ft. HD ENCLOSED RAIL SECTION
SESHD-16	16 ft. HD ENCLOSED RAIL SECTION
SESHD-17	17 ft. HD ENCLOSED RAIL SECTION

PART #	DESCRIPTION
SESHD-18	18 ft. HD ENCLOSED RAIL SECTION
SESHD-19	19 ft. HD ENCLOSED RAIL SECTION
SESHD-20	20 ft. HD ENCLOSED RAIL SECTION
SESHD-21	21 ft. HD ENCLOSED RAIL SECTION
SESHD-22	22 ft. HD ENCLOSED RAIL SECTION
SESHD-23	23 ft. HD ENCLOSED RAIL SECTION
SESHD-24	24 ft. HD ENCLOSED RAIL SECTION
SESHD-25	25 ft. HD ENCLOSED RAIL SECTION
SESHD-26	26 ft. HD ENCLOSED RAIL SECTION
SESHD-27	27 ft. HD ENCLOSED RAIL SECTION
SESHD-28	28 ft. HD ENCLOSED RAIL SECTION
SESHD-29	29 ft. HD ENCLOSED RAIL SECTION
SESHD-30	30 ft. HD ENCLOSED RAIL SECTION

HD ENCLOSED RAIL LOAD CHART

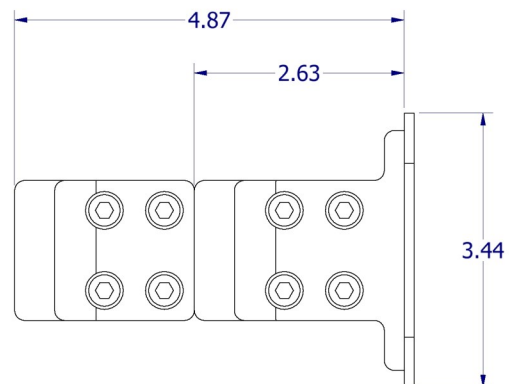
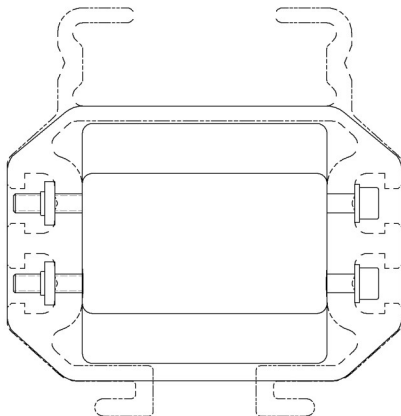
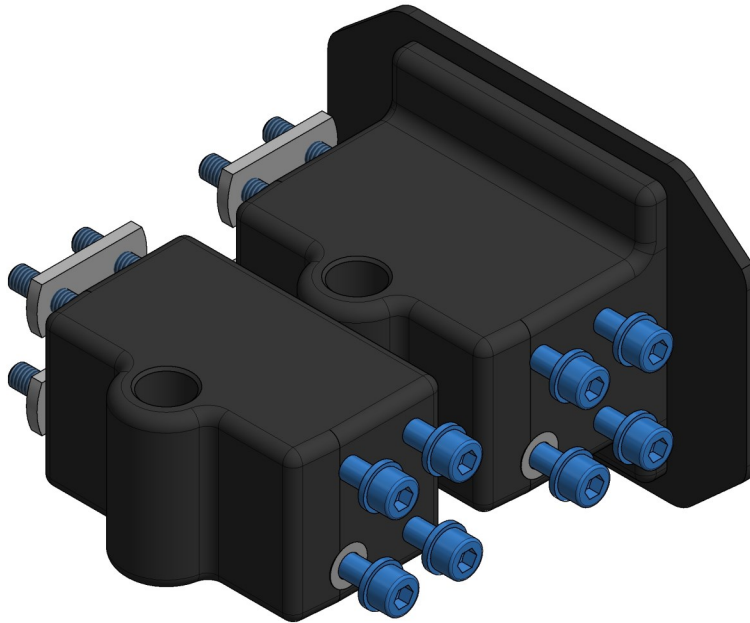


8.9 LBS. PER FOOT

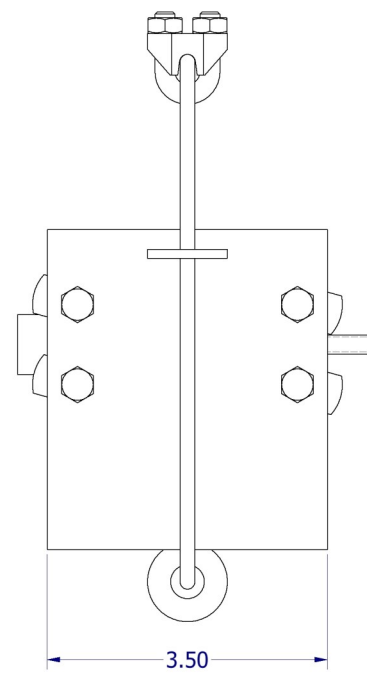
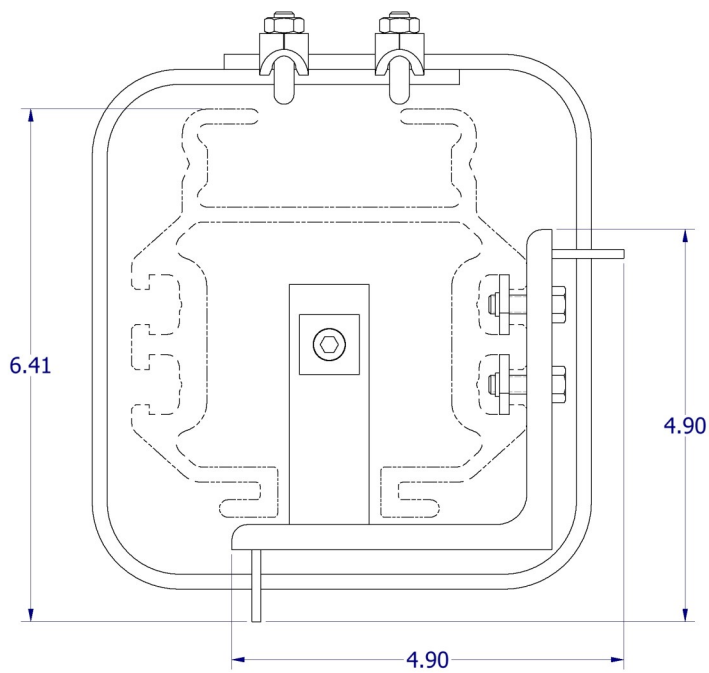
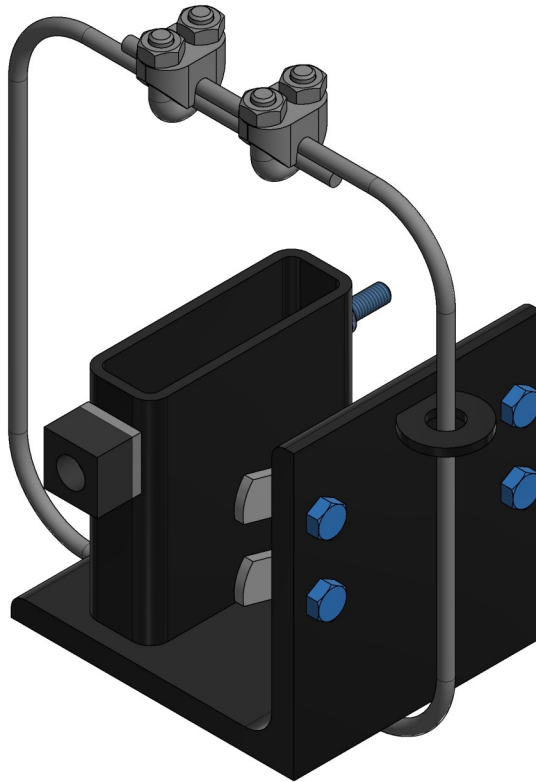
SPAN BETWEEN SUSPENSION POINTS				DEFLECTION LIMITS				POINT LOAD			
FEET	INCHES	METERS	MILLIMETERS	1/450 IN	1/450mm	1/550 IN	1/550mm	1/450 LB	1/450 KG	1/550 LB	1/550 KG
5	60	1.524	1524	0.13	3.4	0.11	2.8	3000	1363	3000	1363
6	72	1.829	1829	0.16	4.1	0.13	3.3	3000	1363	3000	1363
7	84	2.134	2134	0.19	4.7	0.15	3.9	3000	1363	3000	1363
8	96	2.438	2438	0.21	5.4	0.17	4.4	3000	1363	3000	1363
9	108	2.743	2743	0.24	6.1	0.20	5.0	3000	1363	3000	1363
10	120	3.048	3048	0.27	6.8	0.22	5.5	3000	1363	2952	1341
11	132	3.353	3353	0.29	7.5	0.24	6.1	2982	1355	2440	1109
12	144	3.658	3658	0.32	8.1	0.26	6.7	2505	1138	2050	931
13	156	3.962	3962	0.35	8.8	0.28	7.2	2135	970	1747	794
14	168	4.267	4267	0.37	9.5	0.31	7.8	1841	836	1506	684
15	180	4.572	4572	0.40	10.2	0.33	8.3	1603	728	1312	596
16	192	4.877	4877	0.43	10.8	0.35	8.9	1409	640	1153	524
17	204	5.182	5182	0.45	11.5	0.37	9.4	1248	567	1021	464
18	216	5.486	5486	0.48	12.2	0.39	10.0	1113	505	911	414
19	228	5.791	5791	0.51	12.9	0.41	10.5	999	454	817	371
20	240	6.096	6096	0.53	13.5	0.44	11.1	902	409	738	335
21	252	6.401	6401	0.56	14.2	0.46	11.6	818	371	669	304
22	264	6.706	6706	0.59	14.9	0.48	12.2	746	339	610	277
23	276	7.010	7010	0.61	15.6	0.50	12.7	682	310	558	253
24	288	7.315	7315	0.64	16.3	0.52	13.3	627	285	513	233
25	300	7.620	7620	0.67	16.9	0.55	13.9	578	262	473	214
26	312	7.925	7925	0.69	17.6	0.57	14.4	534	242	437	198
27	324	8.230	8230	0.72	18.3	0.59	15.0	495	224	405	184
28	336	8.534	8534	0.75	19.0	0.61	15.5	460	209	376	170

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SRES-00 ~ REDUNDENT END STOP ASSEMBLY

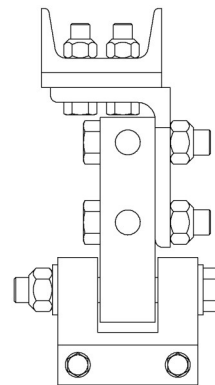
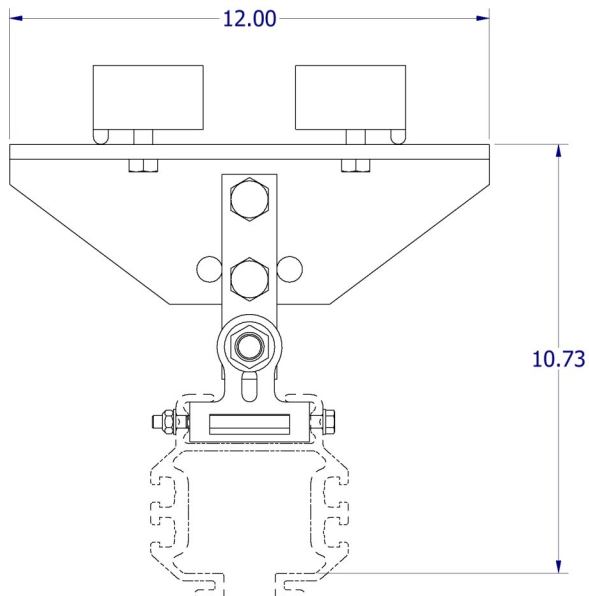
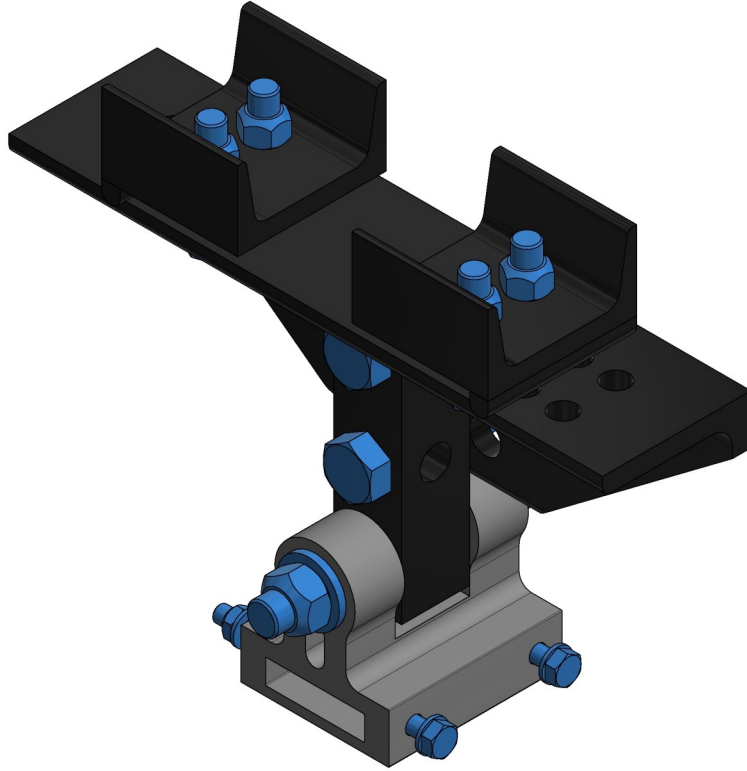


SAES-00 ~ ADJUSTABLE MID RAIL STOP

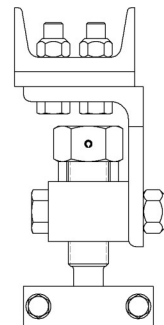
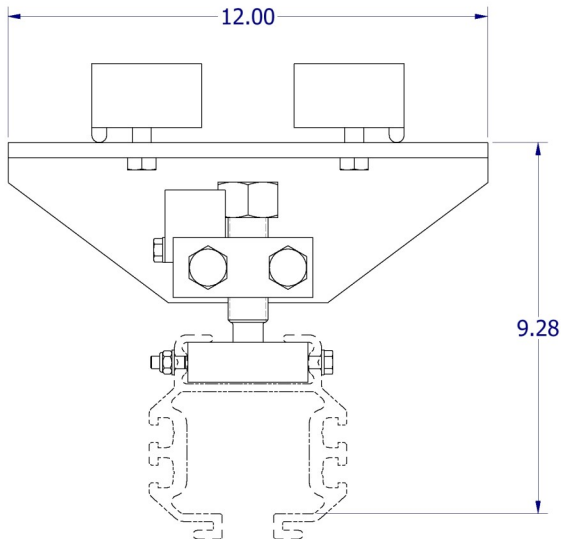
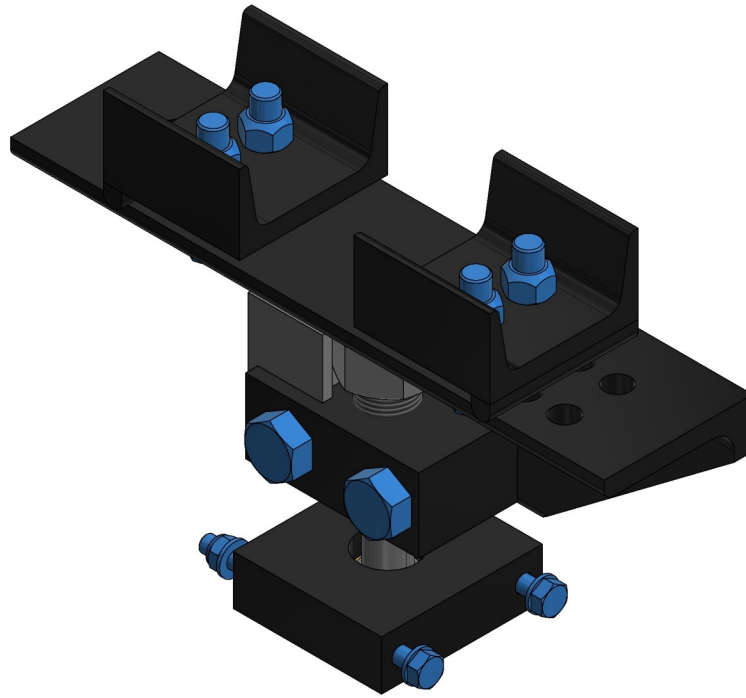


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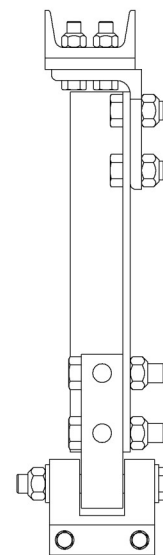
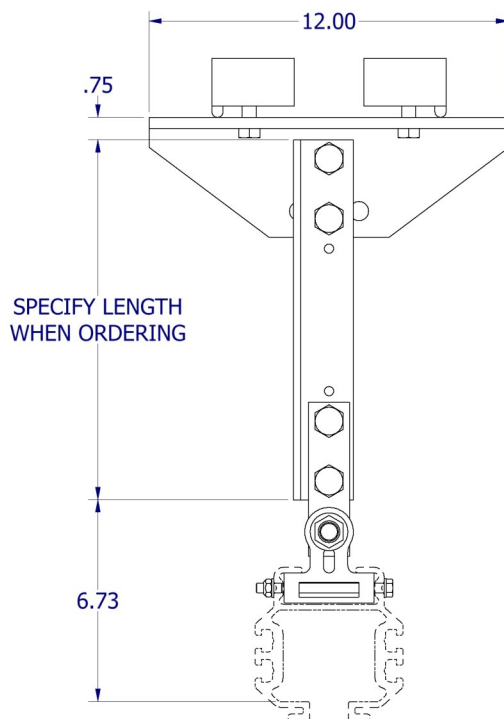
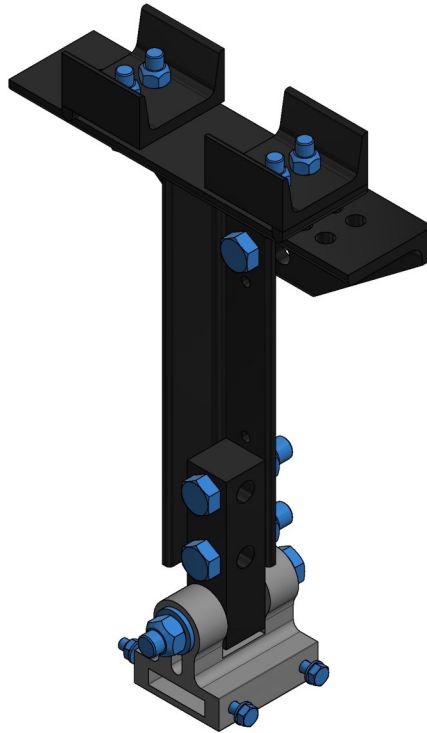
SHBB-00 ~ BLOCK HANGER BEAM CLAMP ASSEMBLY



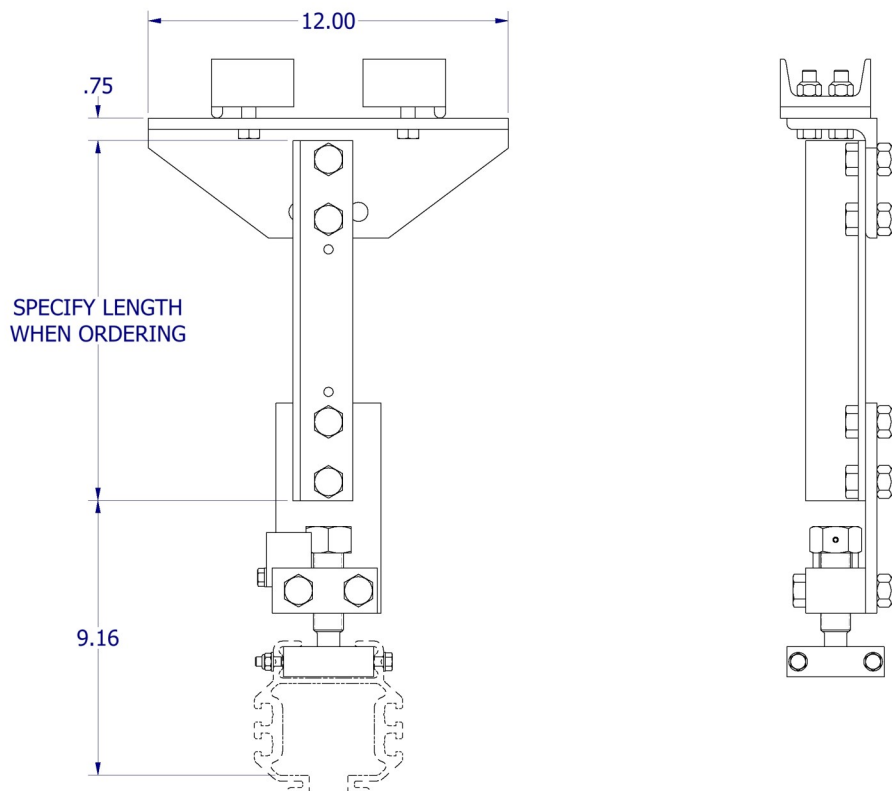
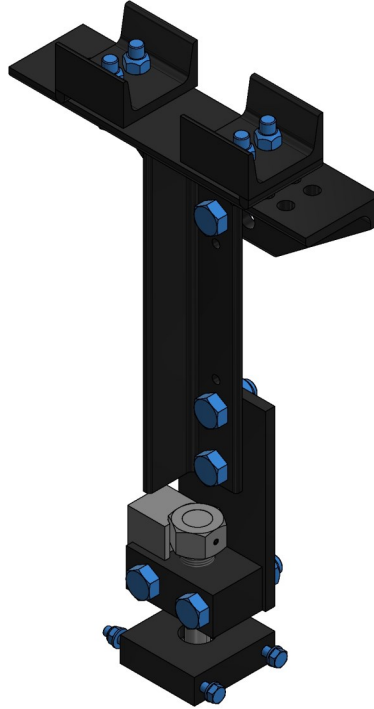
SHAB-00 ~ ADJUSTABLE HANGER BEAM CLAMP ASSEMBLY



SHDB-00 ~ BLOCK DROP ANGLE HANGER ASSEMBLY

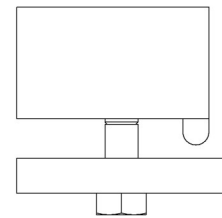
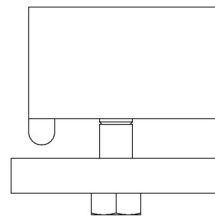
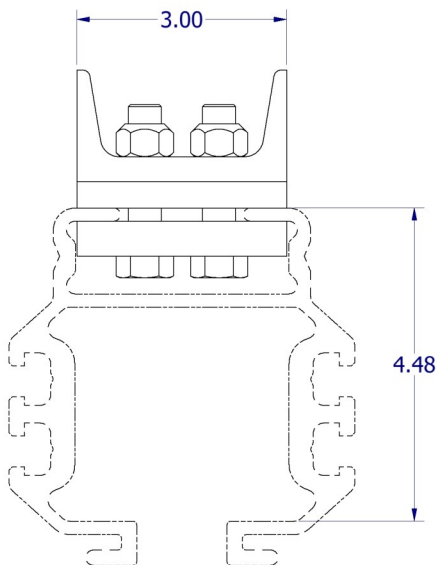
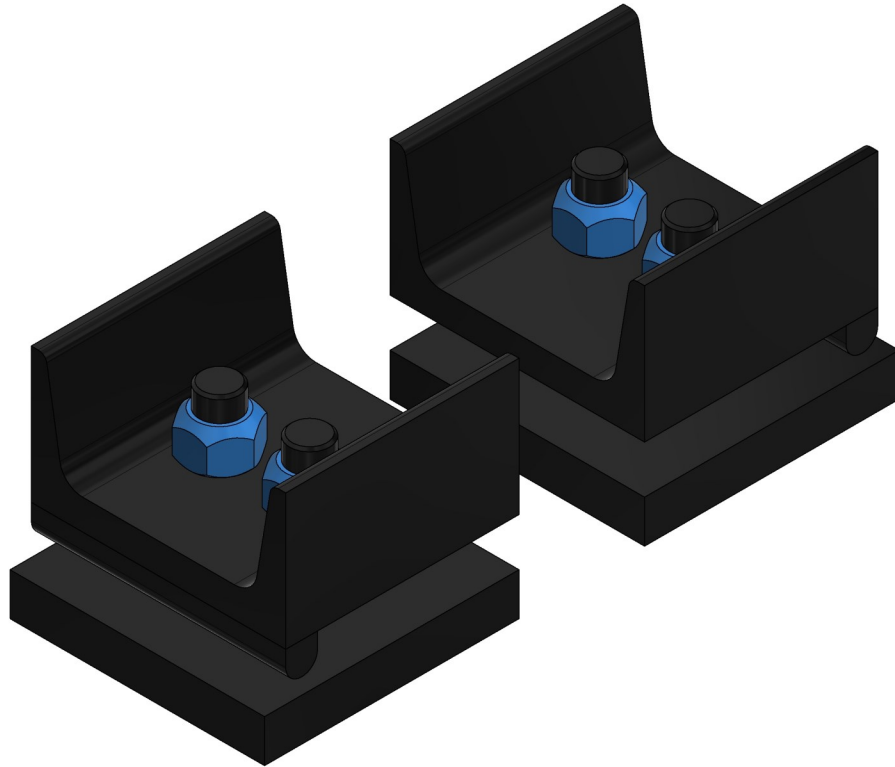


SHDA-00 ~ ADJUSTABLE DROP ANGLE HANGER ASSEMBLY

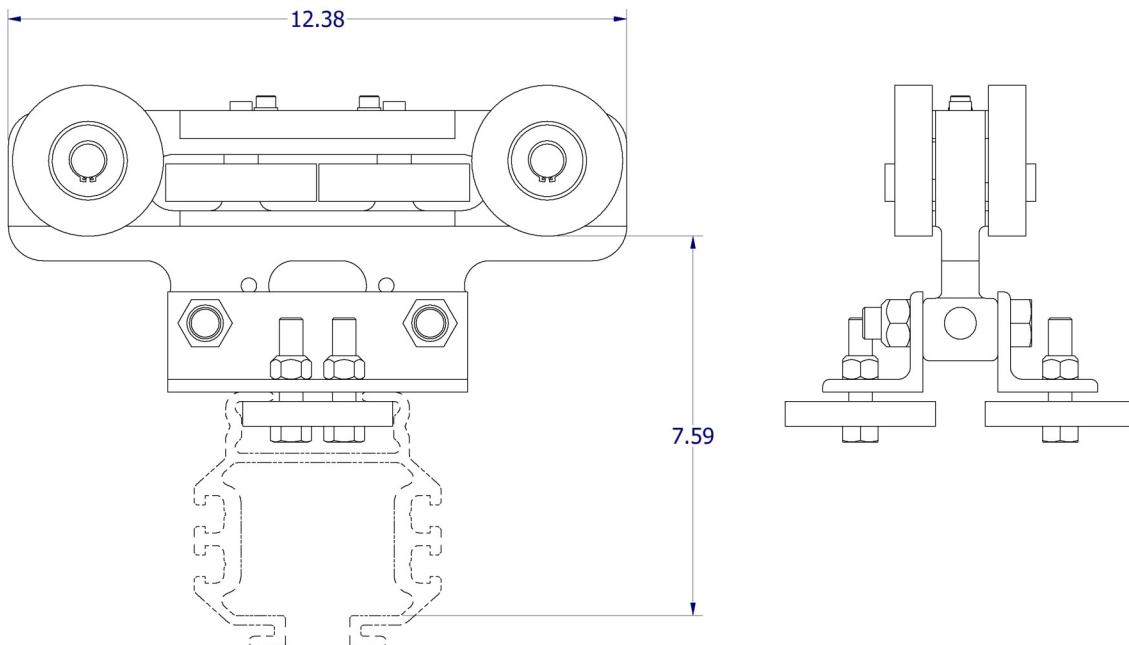
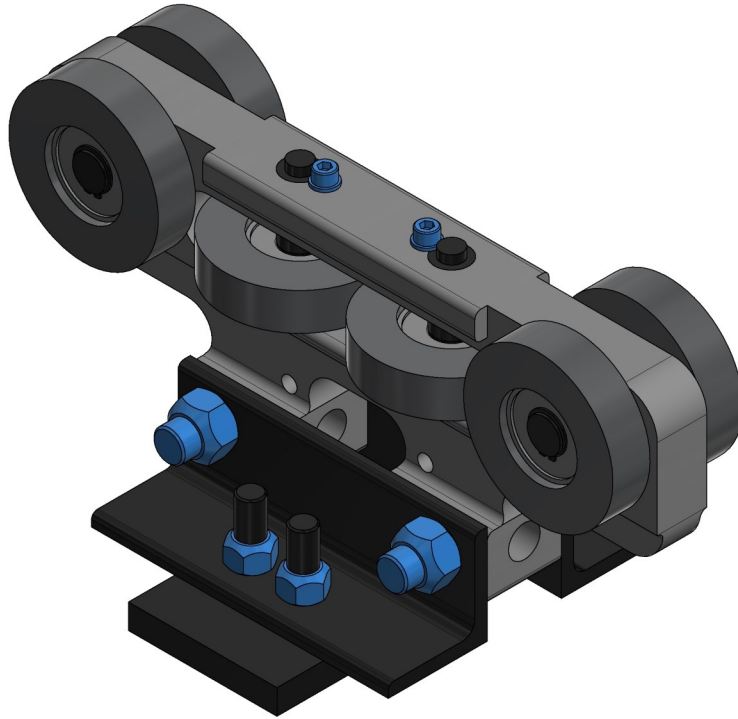


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SHR-00 ~ RIGID HANGER ASSEMBLY

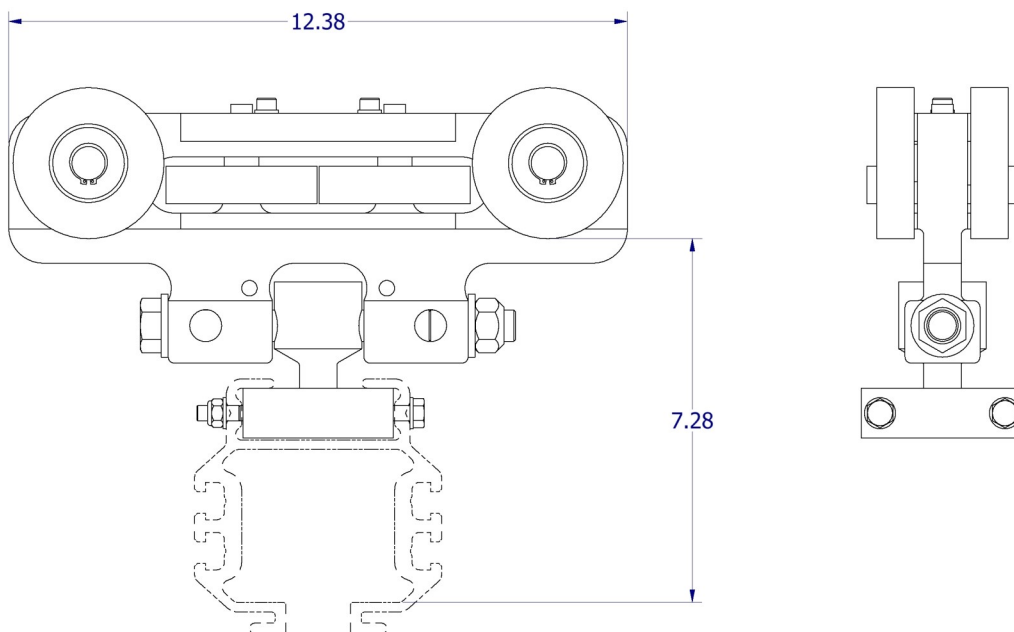
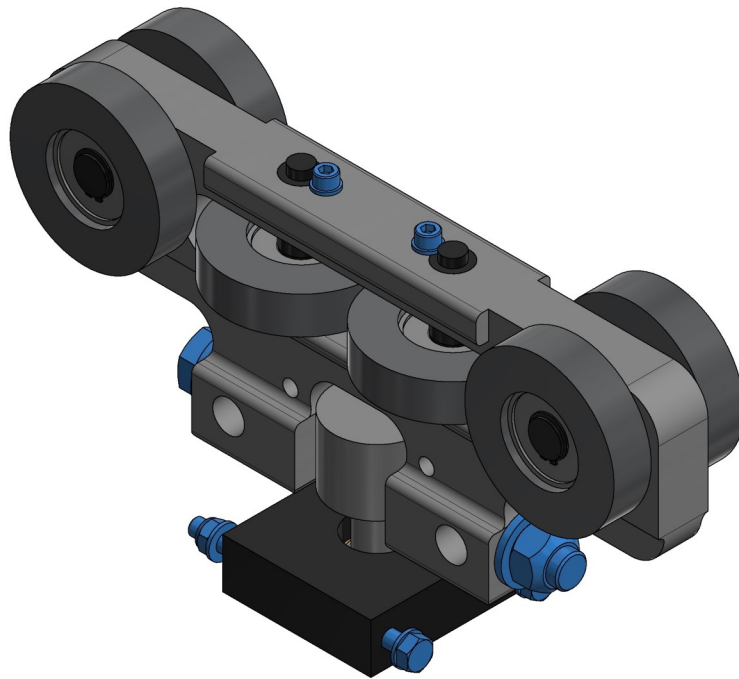


SRET-00 ~ SINGLE RIGID END TRUCK ASSEMBLY



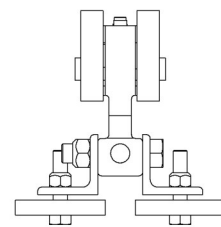
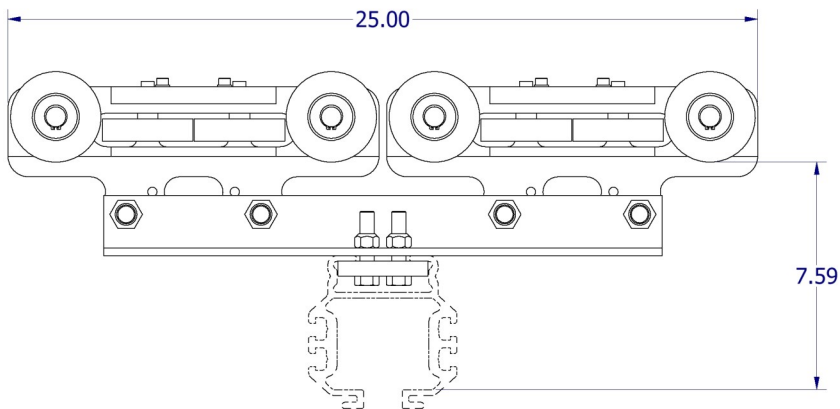
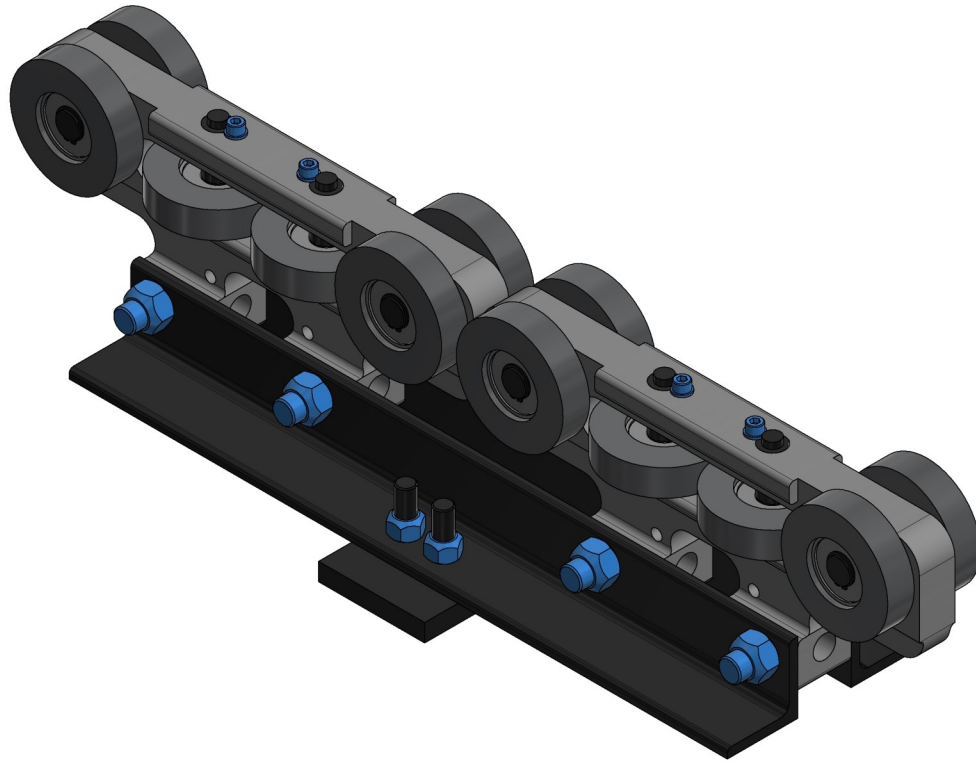
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SSET-00 ~ SINGLE END TRUCK ASSEMBLY

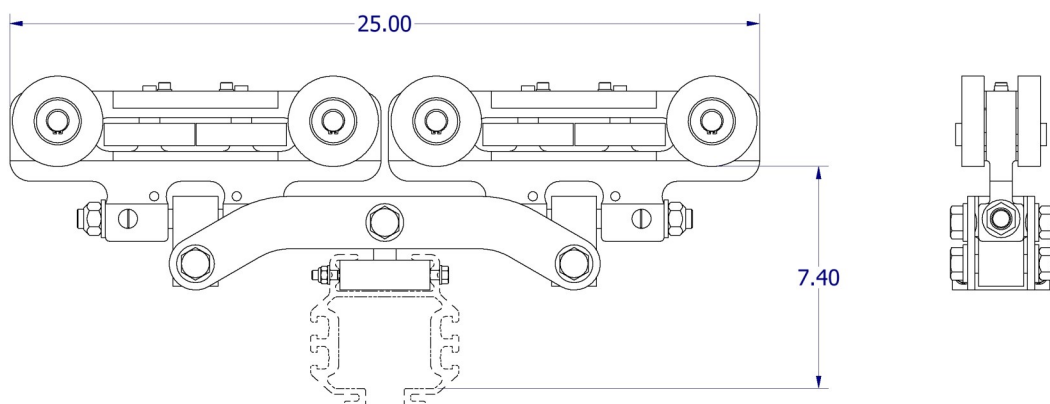
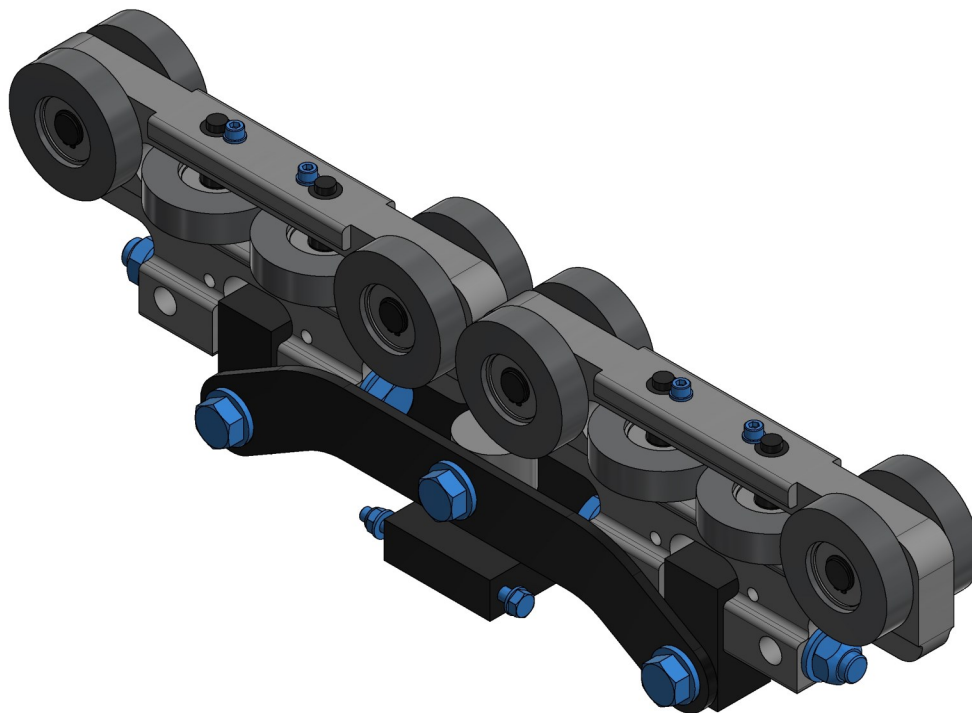


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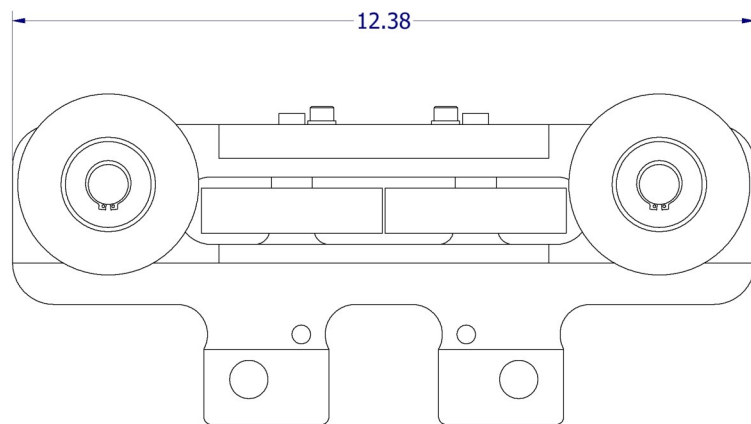
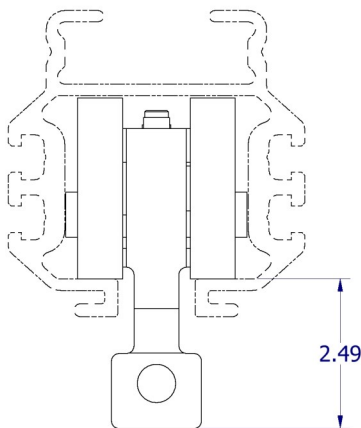
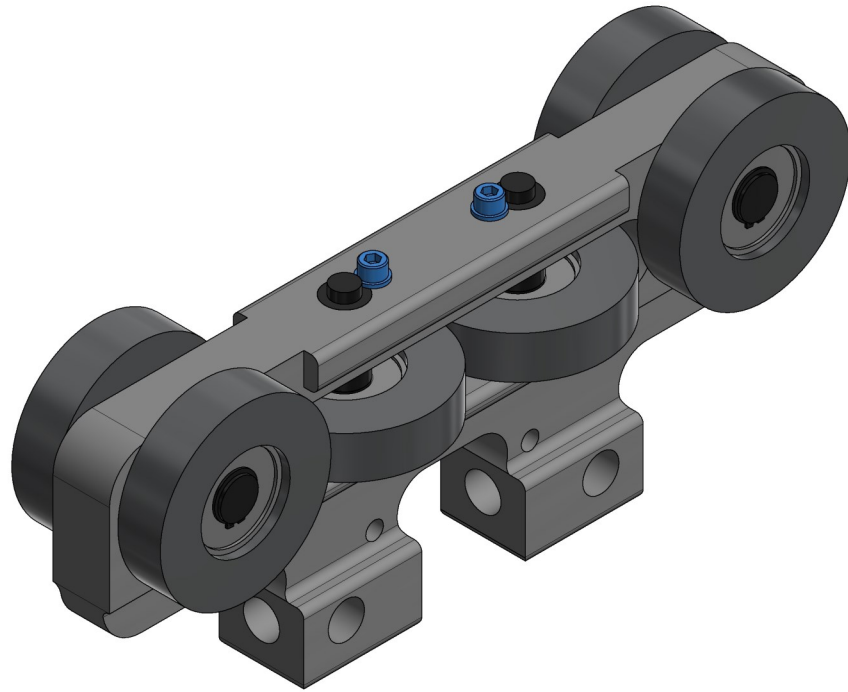
SDRET-00 ~ DUAL RIGID END TRUCK ASSEMBLY



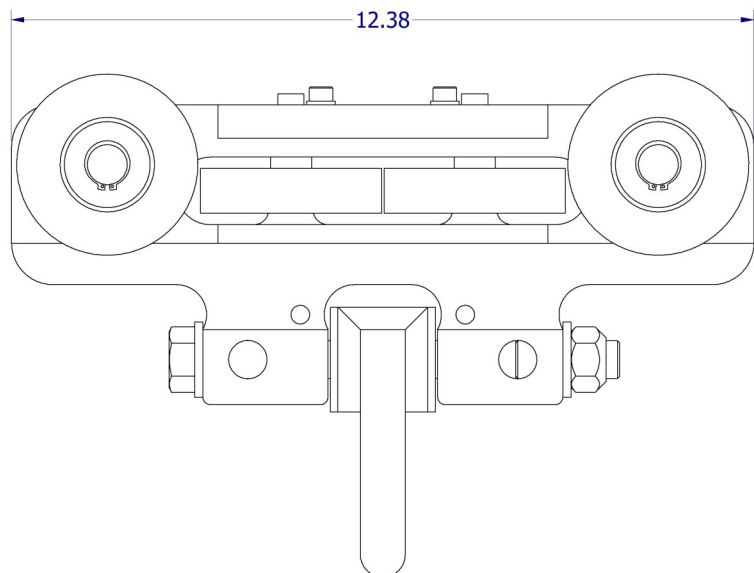
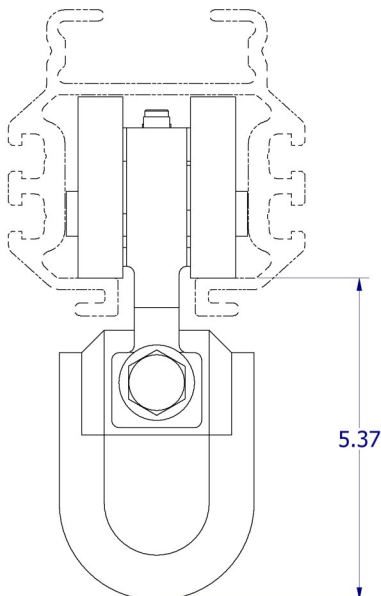
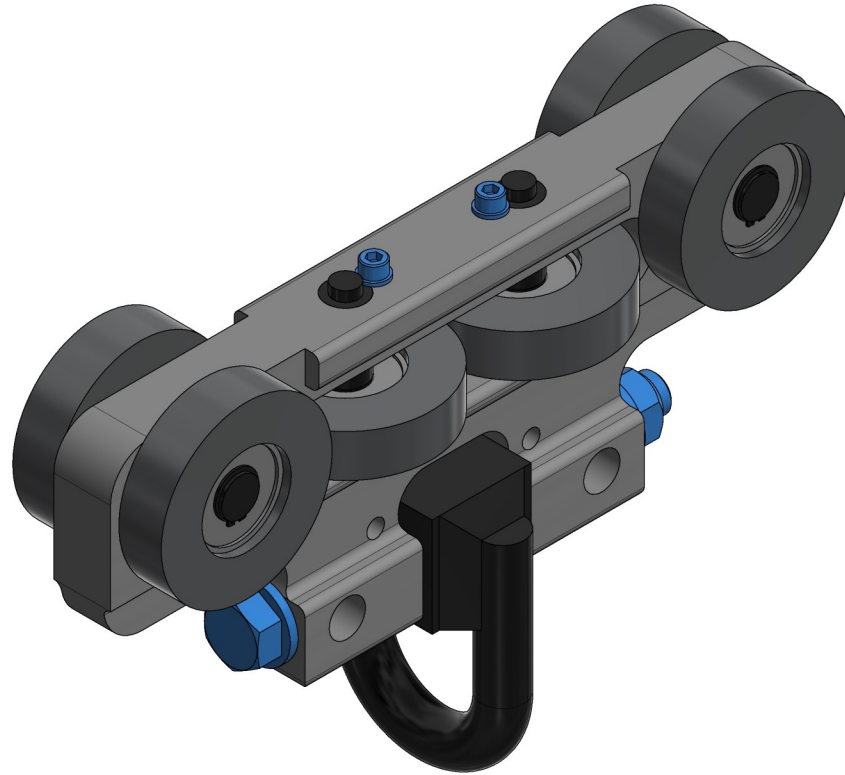
SDET-00 ~ DUAL END TRUCK ASSEMBLY



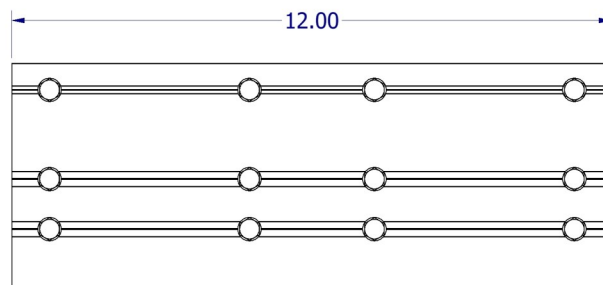
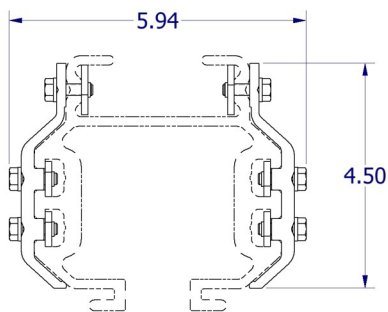
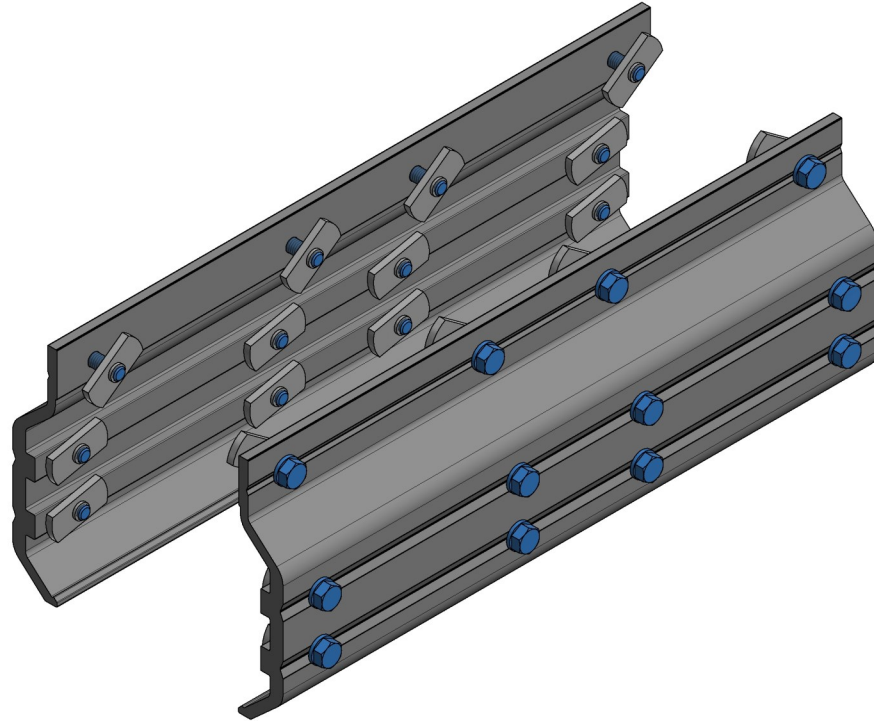
SST-00 ~ TROLLEY ASSEMBLY



SHBT-00 ~ HOOK BLOCK TROLLEY ASSEMBLY

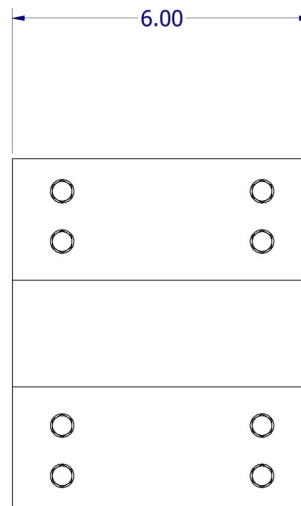
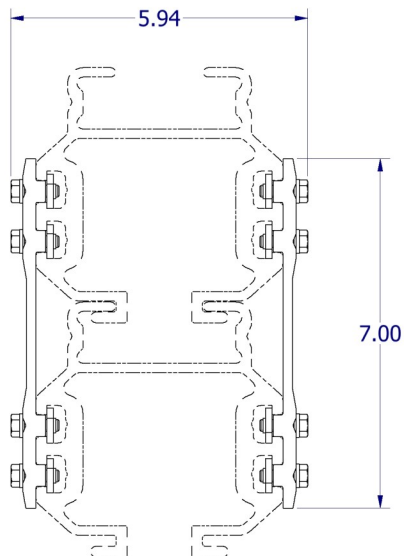
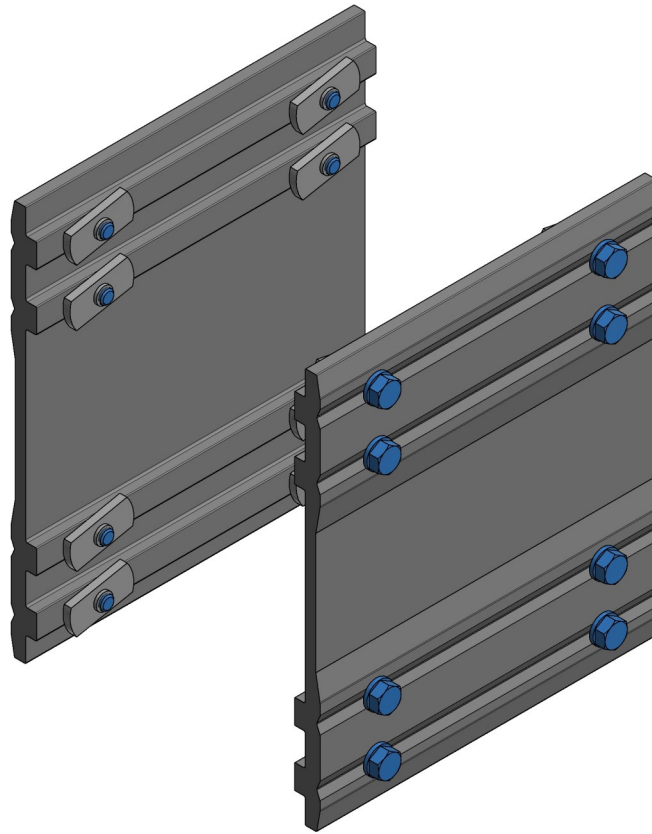


SSK-00 ~ SPLICE KIT ASSEMBLY



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SSP-00 ~ STACKING PLATE ASSEMBLY

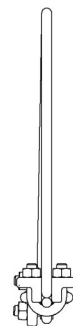
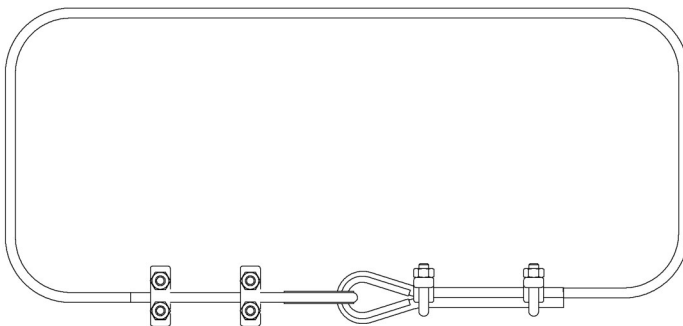


SCB-00 ~ DUAL BRIDGE CROSS BRACE ASSEMBLY

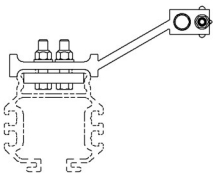
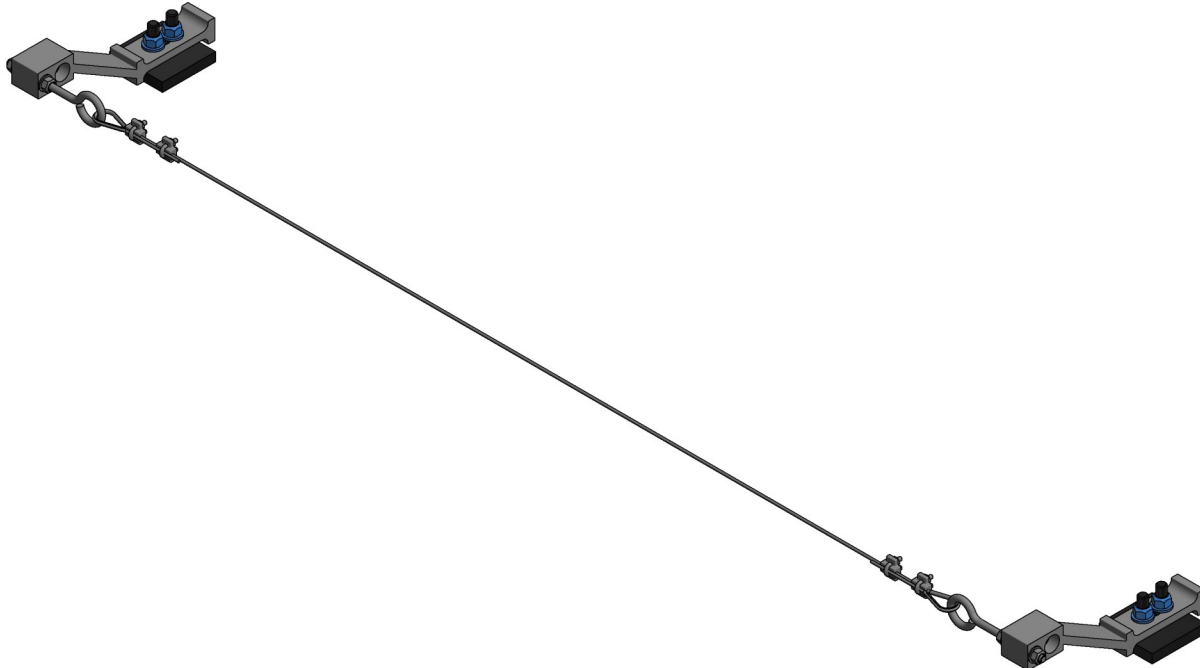


SSC-00 ~ 6' SAFETY CABLE

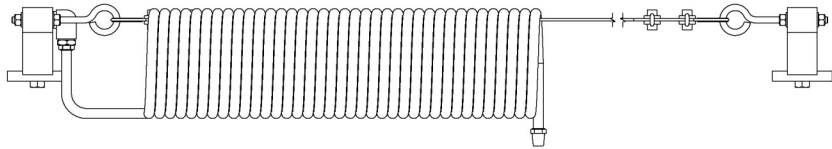
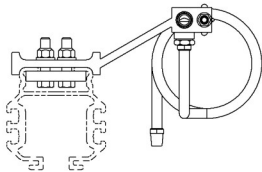
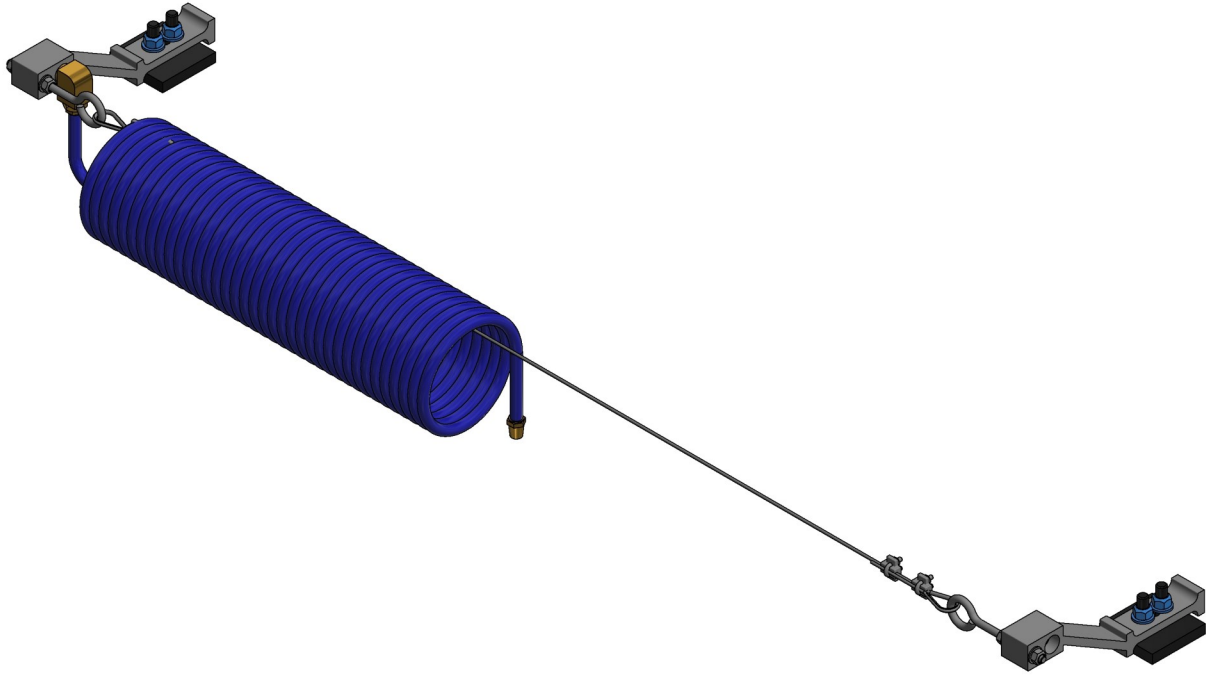
**NOTE: SAFETY CABLES INCLUDED WITH ALL
HANGERS AND END TRUCKS**



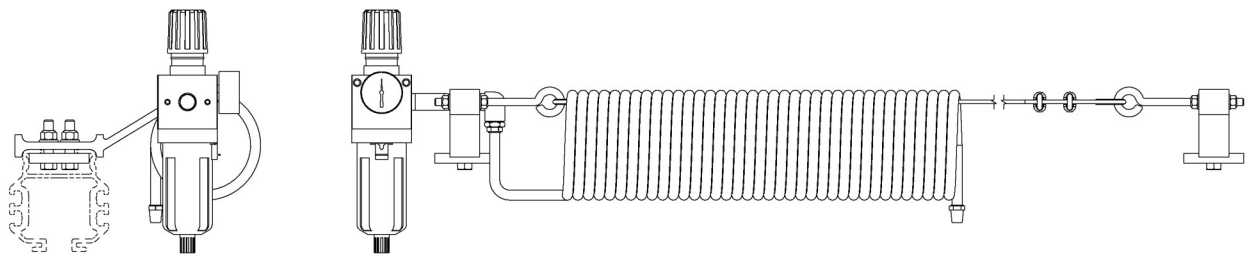
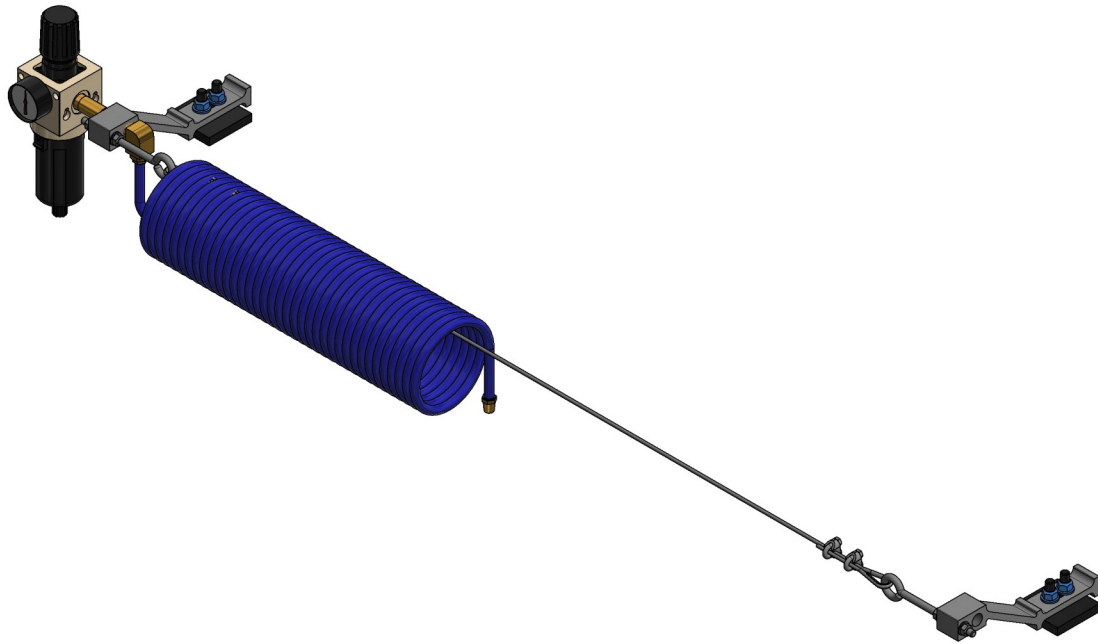
SFP-50A ~ 50' FESTOONING KIT TAG LINE
SFP-100A ~ 100' FESTOONING KIT TAG LINE



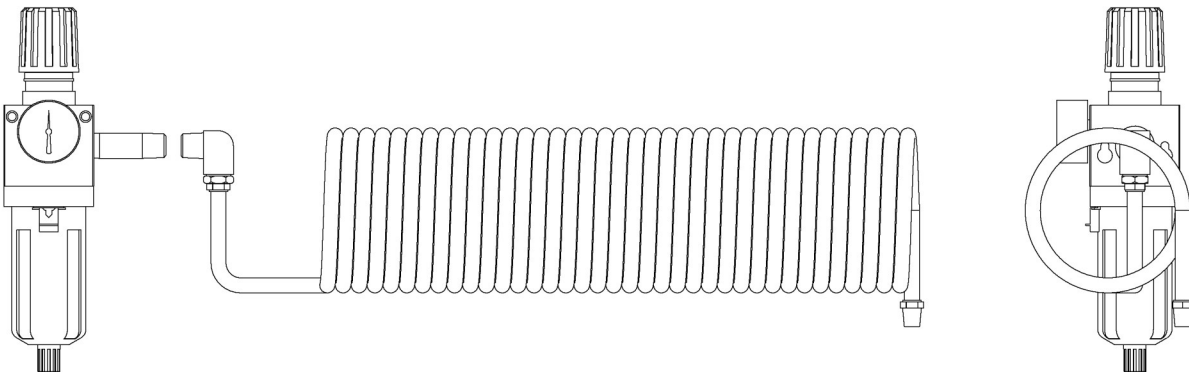
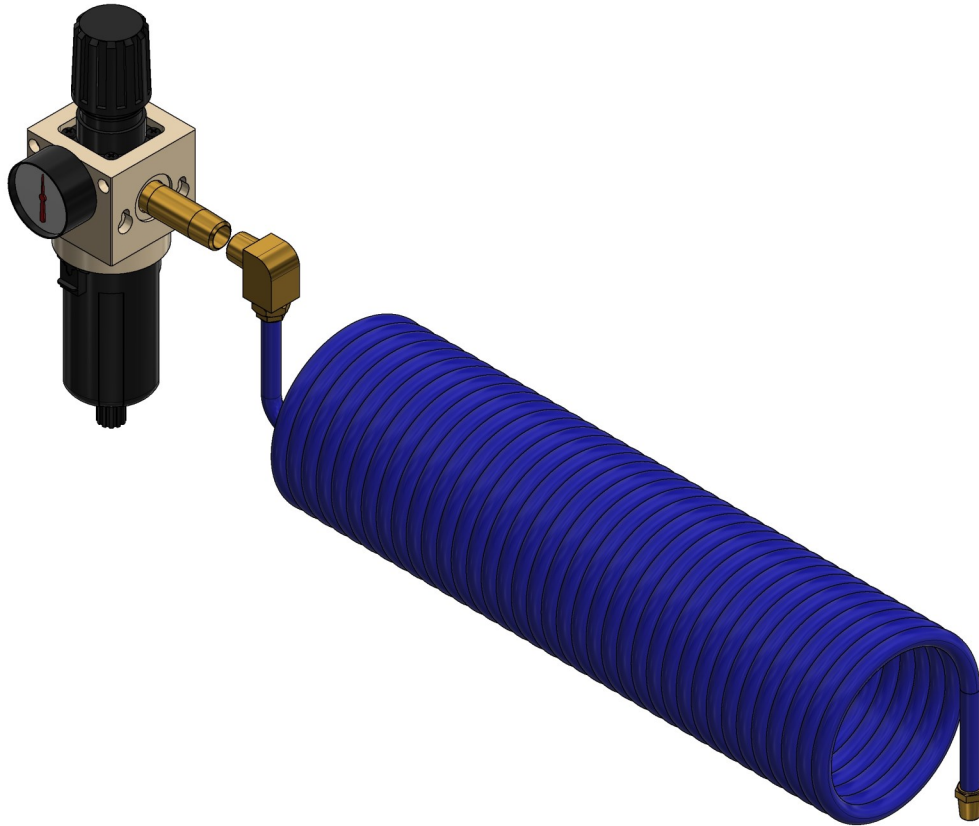
SFP-50B ~ 50' FESTOONING KIT
SFP-100B ~ 100' FESTOONING KIT



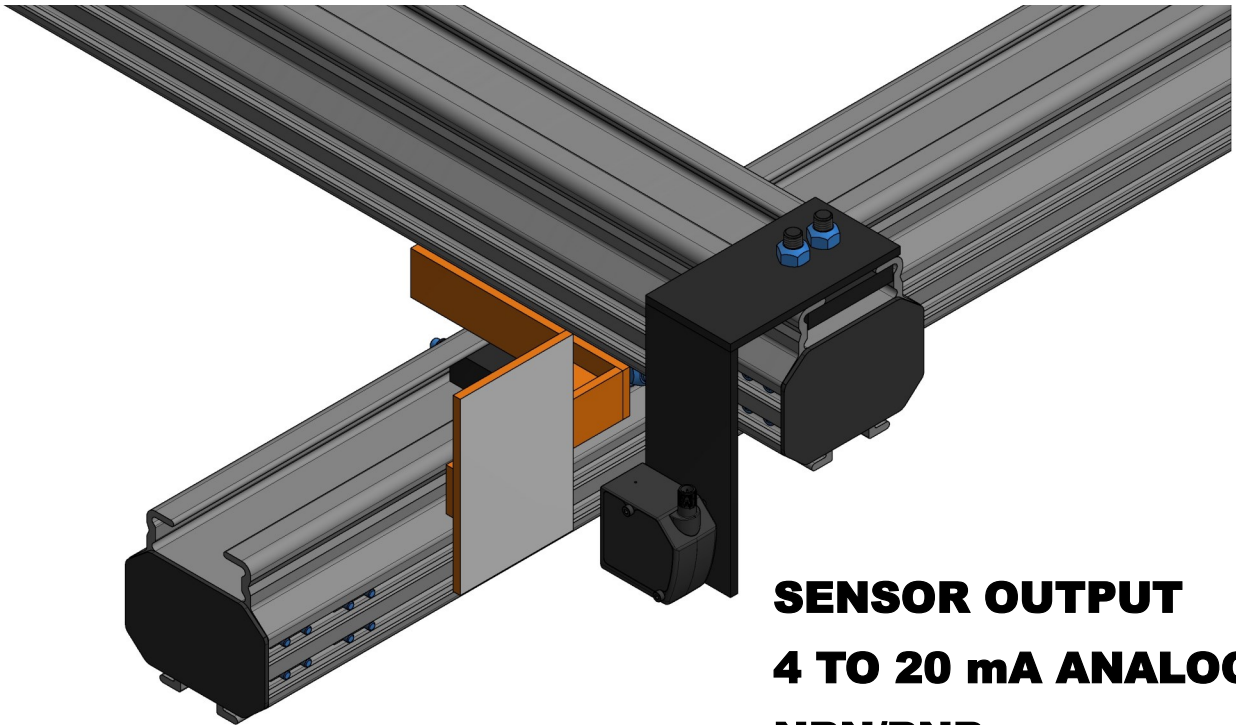
SFP-50C ~ 50' FESTOONING KIT W/ FILTER/REGULATOR
SFP-100C ~ 100' FESTOONING KIT W/ FILTER/REGULATOR



SFP-50D ~ 50' COILED HOSE KIT W/ FILTER/REGULATOR
SFP-100D ~ 100' COILED HOSE KIT W/ FILTER/REGULATOR



NON-CONTACT OVER TRAVEL SWITCHES
CONFIGURATION DEPENDENT ON APPLICATION
50mm TO 24000mm RANGE



SENSOR OUTPUT
4 TO 20 mA ANALOG
NPN/PNP

