
PRODUCT SIZING BOOKLET

FRAME-TEK GROUP



FRAME  **TEK**[®]

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Proprietary Sections

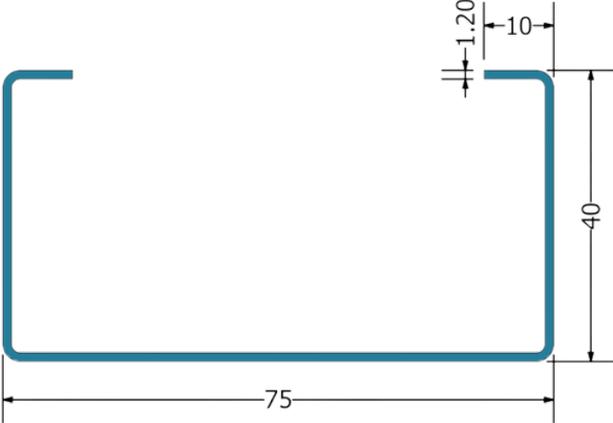
Bespoke Section Sizes for your Project

All our sections are rolled to precision sizes and can be customised in lengths to suit your project. Our cutting edge engineering and design service is also available to you if you require it when installing our products.

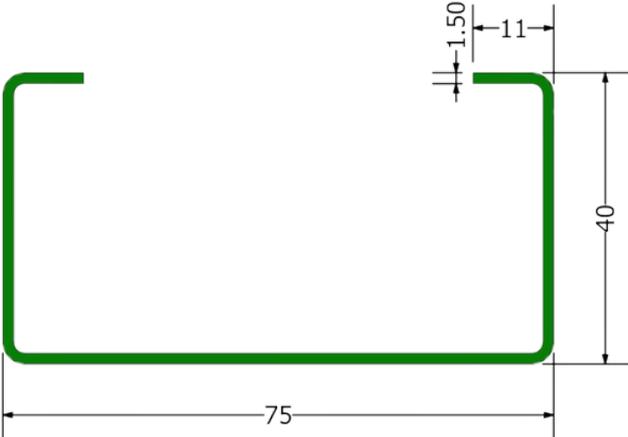


Frame-Tek Studs: FTS75

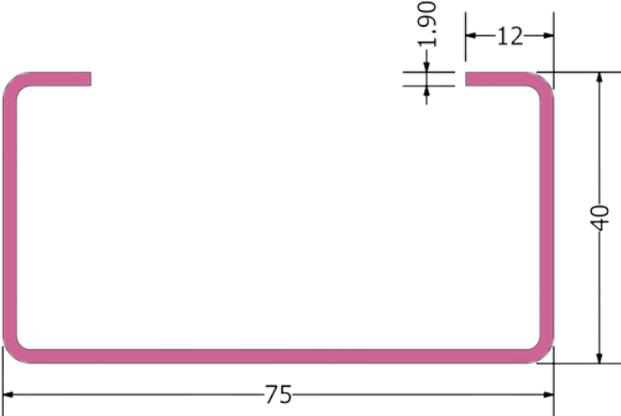
FTS7512



FTS7515



FTS7519



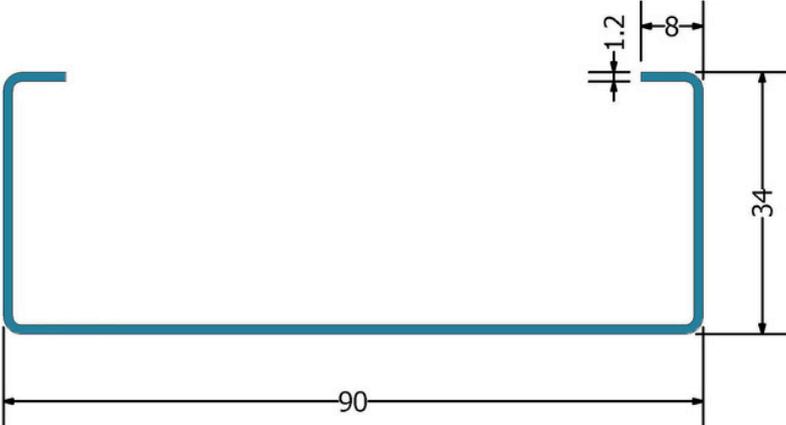
Frame-Tek Stud Properties:

FTS75

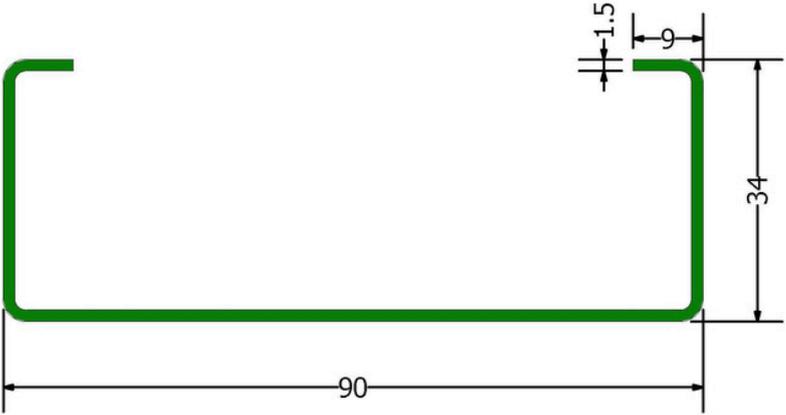
	FTS7512	FTS7515	FTS7519
Area (A) mm ²	196.8234	246.8429	310.1657
Polar M.o.I J mm ⁴	94.46998	185.1216	373.2054
M.o.I y-y I _{yy} mm ⁴	42251.18	53293.7	66237.1
M.o.I y-y I _{zz} mm ⁴	180179	223274	274740.6
Warping Const. I _w mm ⁶	4.92E+07	6.38E+07	8.09E+07
CoM Cz mm	12.89467	13.05021	13.09852
Elastic Mod. y-y (top flange) Z _{yt}	1594.064	2034.127	2552.344
Elastic Mod. y-y (bot. flange) Z _{yb}	3130.952	3861.804	4714.881
Elastic Mod. z-z Z _Z	4804.772	5953.974	7326.417
Shear Centre V _z mm	-18.88602	-19.13192	-19.24323

Frame-Tek Studs: FTS90

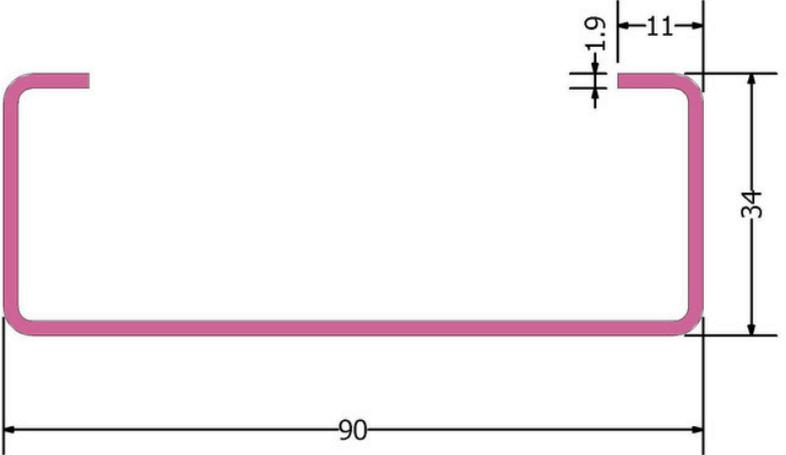
FTS9012



FTS9015



FTS9019



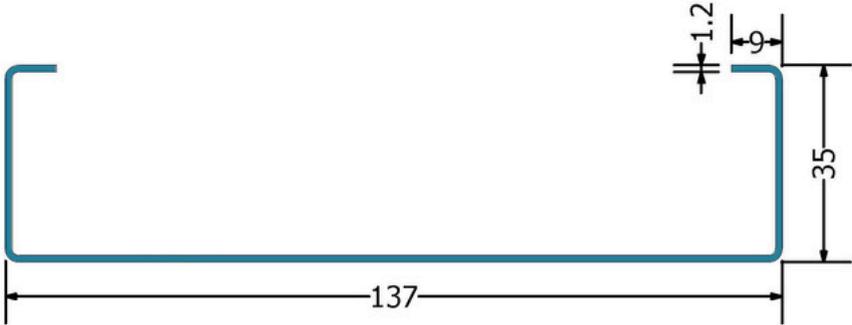
Frame-Tek Stud Properties:

FTS90

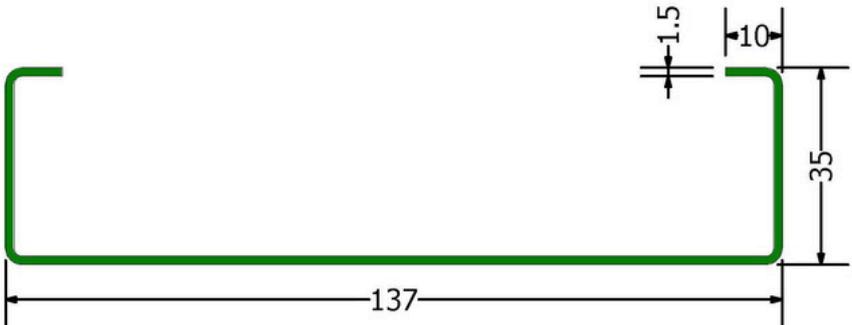
	FTS9012	FTS9015	FTS9019
Area (A) mm ²	195.6234	245.3429	312.0657
Polar M.o.I J mm ⁴	93.89398	183.9966	375.4917
M.o.I y-y I _{yy} mm ⁴	27551.39	34944.32	45418.5
M.o.I y-y I _{zz} mm ⁴	239760.9	298228.2	372556.4
Warping Const. I _w mm ⁶	4.21E+07	5.43E+07	7.34E+07
CoM Cz mm	8.95549	9.096746	9.405054
Elastic Mod. y-y (top flange) Z _{yt}	1127.099	1446.775	1920.854
Elastic Mod. y-y (bot. flange) Z _{yb}	2883.305	3548.818	4386.119
Elastic Mod. z-z Z _Z	5328.02	6627.292	8279.03
Shear Centre V _z mm	-14.24768	-14.46635	-14.96558

Frame-Tek Studs: FTS140

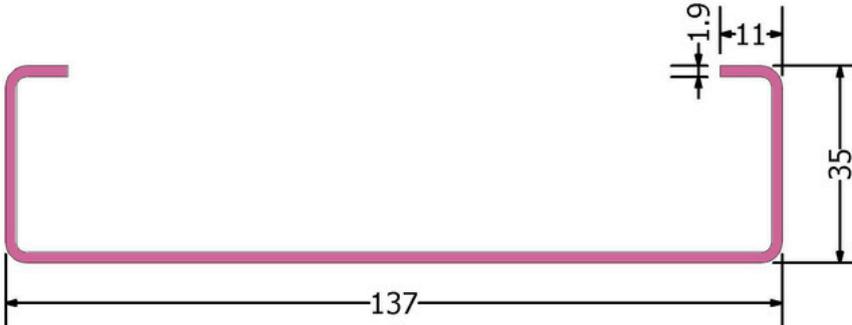
FTS14012



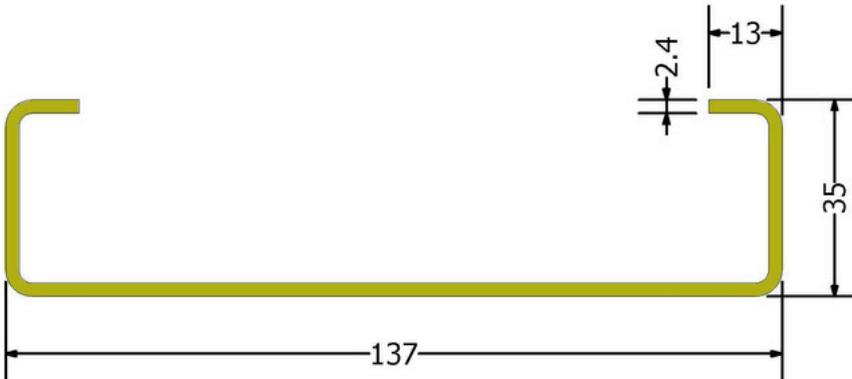
FTS14015



FTS14019



FTS14024



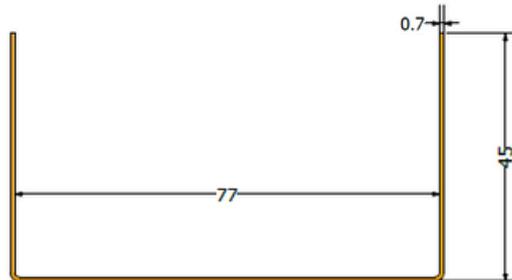
Frame-Tek Stud Properties:

FTS140

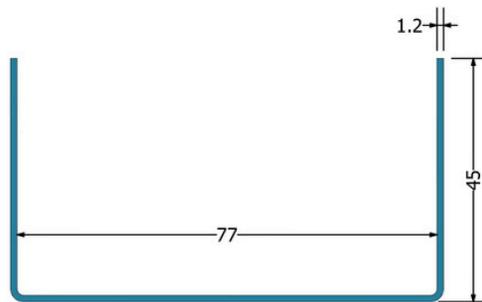
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Area (A) mm ²	256.8234	321.8429	405.1657	511.4379
Polar M.o.I J mm ⁴	123.27	241.3716	487.5221	981.8909
M.o.I y-y I _{yy} mm ⁴	35124.39	44535.04	55507.47	70863.48
M.o.I y-y I _{zz} mm ⁴	671655.4	838092.9	1041999	1296103
Warping Const. I _w mm ⁶	1.24E+08	1.59E+08	1.98E+08	2.57E+08
CoM Cz mm	7.503191	7.616274	7.624825	7.809585
Elastic Mod. y-y (top flange) Z _{yt}	1305.895	1672.13	2100.552	2726.524
Elastic Mod. y-y (bot. flange) Z _{yb}	4334.637	5323.164	6473.306	2726.524
Elastic Mod. z-z ZZ	9805.188	12234.93	15211.66	18921.21
Shear Centre V _z mm	-13.13749	-13.31978	-13.3681	-13.69419

Frame-Tek Tracks: FTT75

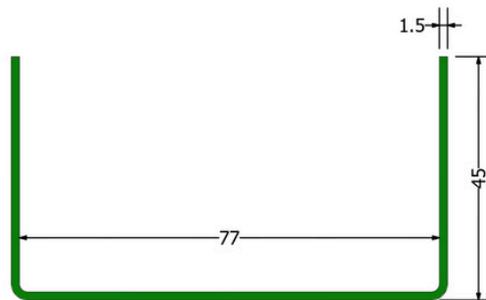
FTT7507



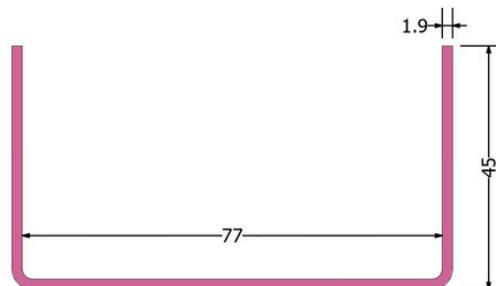
FTT7512



FTT7515



FTT7519



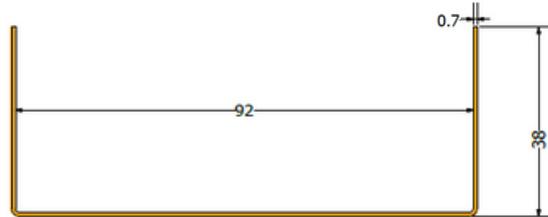
Frame-Tek Track Properties:

FTT75

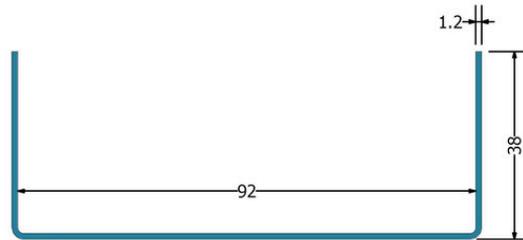
	FTT7507	FTT7512	FTT7515	FTT7519
Area (A) mm ²	123.0772	196.6917	245.6715	309.5529
Polar M.o.I J mm ⁴	23.07637	94.40939	184.2483	372.4816
M.o.I y-y I _{yy} mm ⁴	26284.98	41538.09	51496.56	64292.22
M.o.I y-y I _{zp} mm ⁴	127167.5	204926.9	257374.9	325888.5
Warping Const. I _w mm ⁶	2.69E+07	4.29E+07	5.35E+07	6.65E+07
CoM Cz mm	12.14427	12.03684	11.96524	11.92588
Elastic Mod. y-y (top flange) Z _{yt}	809.2484	1283.499	1595.073	2001.369
Elastic Mod. y-y (bot. flange) Z _{yb}	2099.561	3287.063	4049.988	4993.228
Elastic Mod. z-z ZZ	3239.938	5161.886	6434.373	8066.547
Shear Centre Vz mm	-17.66232	-17.54901	-17.47249	-17.43379

Frame-Tek Tracks: FTT90

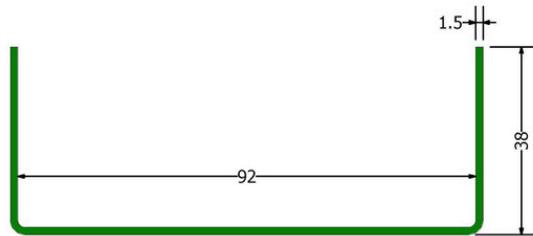
FTT9007



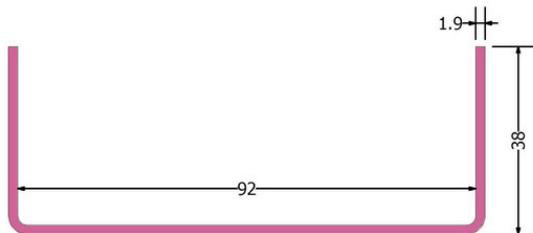
FTT9012



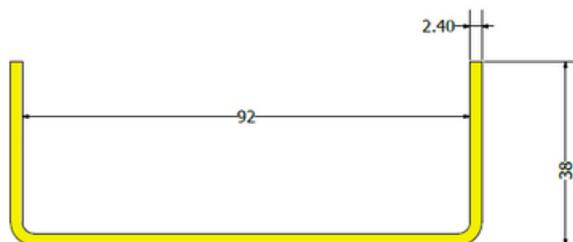
FTT9015



FTT9019



FTT9024



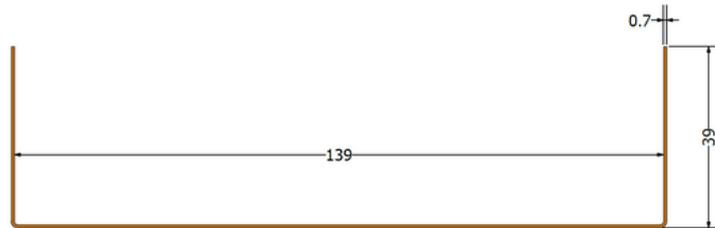
Frame-Tek Track Properties:

FTT90

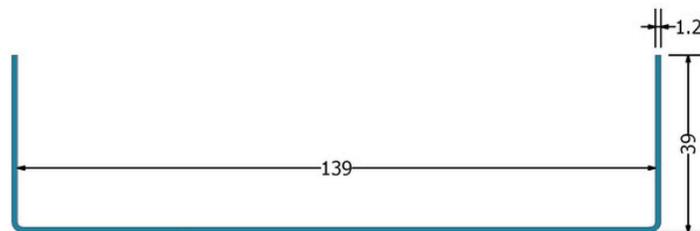
	FTT9007	FTT9012	FTT9015	FTT9019	FTT9024
Area (A) mm ²	123.8272	197.8917	247.1715	311.4529	390.8389
Polar M.o.I J mm ⁴	23.21699	94.98539	185.3733	374.7679	750.3759
M.o.I y-y I _{yp} mm ⁴	17513.03	27596.63	34148.14	42557.07	52667.68
M.o.I y-y I _{zp} mm ⁴	166469.9	267656.4	335655.1	423942.2	533395.9
Warping Const. I _w mm ⁶	2.58E+07	4.09E+07	5.08E+07	6.30E+07	7.73E+07
CoM C _z mm	8.583495	8.491646	8.430455	8.38991	8.341302
Elastic Mod. y-y (top flange) Z _{yt}	603.0344	954.6247	1184.895	1484.889	1850.671
Elastic Mod. y-y (bot. flange) Z _{yb}	1954.907	3035.383	3719.657	4556.475	5519.967
Elastic Mod. z-z Z _Z	3560.853	5670.687	7066.424	8850.567	11020.58
Shear Centre V _z mm	-13.65457	-13.54763	-13.47574	-13.43875	-13.38081

Frame-Tek Tracks: FTT140

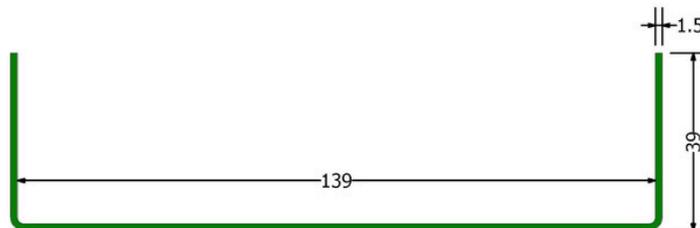
FTT14007



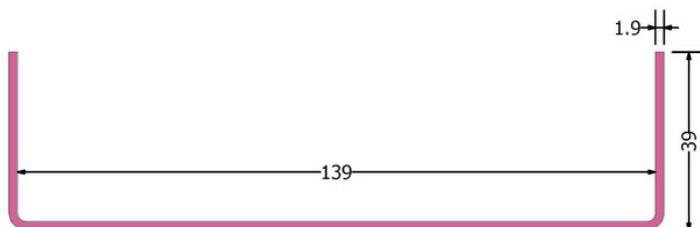
FTT14012



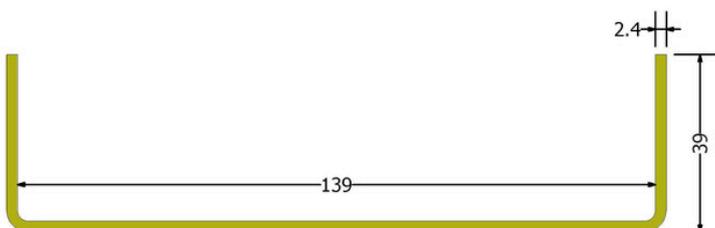
FTT14015



FTT14019



FTT14024



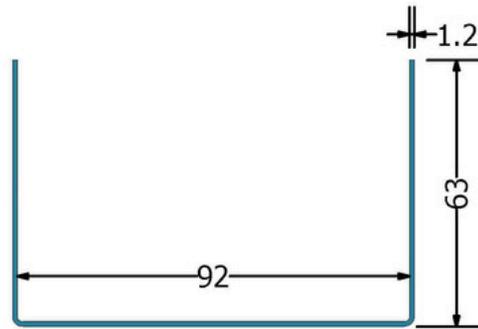
Frame-Tek Track Properties:

FTT140

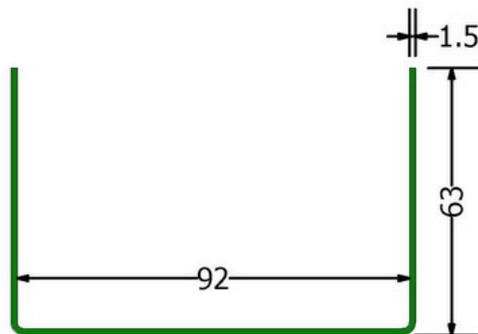
	FTT14007	FTT14012	FTT14015	FTT14019	FTT14024
Area (A) mm ²	160.5772	256.6917	320.6714	404.5529	508.4389
Polar M.o.I J mm ⁴	30.10762	123.2094	240.4983	486.7982	976.1678
M.o.I y-y I _{yy} mm ⁴	21005.6	33096.53	40951.48	51093.85	63331.12
M.o.I y-y I _{zz} mm ⁴	442699.3	709974.8	888840.6	1121434	1409266
Warping Const. I _w mm ⁶	7.28E+07	1.15E+08	1.43E+08	1.78E+08	2.19E+08
CoM Cz mm	6.975197	6.900832	6.851305	6.811845	6.764127
Elastic Mod. y-y (top flange) Z _{yt}	663.688	1050.711	1304.241	1635.623	2040.578
Elastic Mod. y-y (bot. flange) Z _{yb}	2857.828	4412.381	5387.427	6582.694	7952.048
Elastic Mod. z-z Z _Z	6301.77	10042.08	12518.88	15706.35	19600.37
Shear Centre V _z mm	-12.30874	-12.21114	-12.14582	-12.11213	-12.06416

Frame-Tek U Channel: FTU90

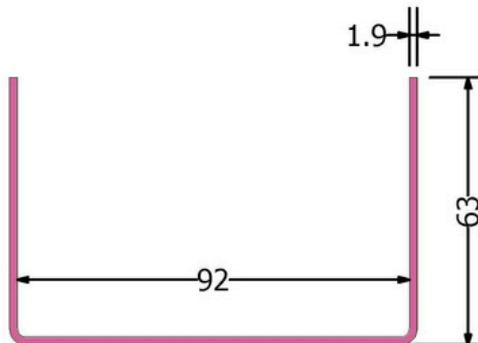
FTU9012



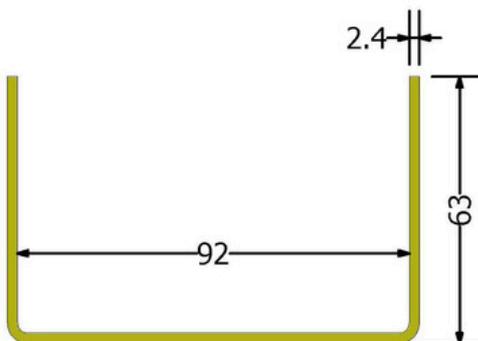
FTU9015



FTU9019



FTU9024



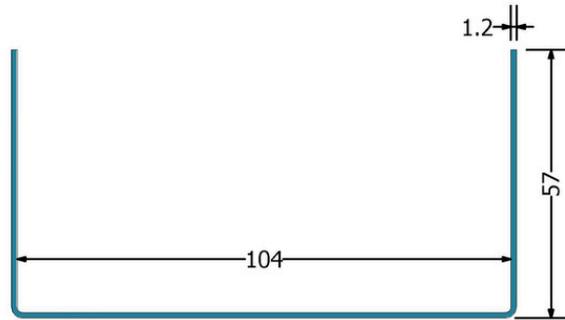
Frame-Tek U Channel Properties:

FTU90

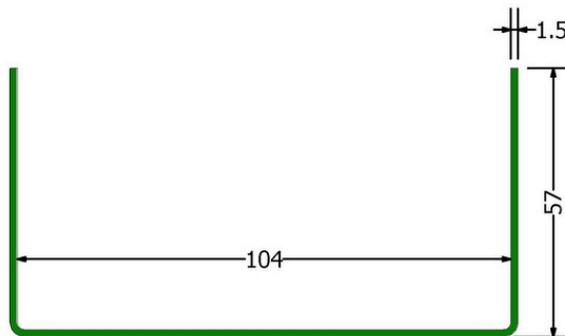
	FTU9012	FTU9015	FTU9019	FTU9024
Area (A) mm ²	257.8917	322.1714	406.4529	510.8389
Polar M.o.I J mm ⁴	123.7854	241.6233	489.0846	980.7759
M.o.I y-y I _{yy} mm ⁴	109665.3	136293.3	170832	212941.3
M.o.I y-y I _{zz} mm ⁴	397957.2	499586.4	633379.5	800794.3
Warping Const. I _w mm ⁶	1.63E+08	2.03E+08	2.55E+08	3.17E+08
CoM Cz mm	18.12554	18.04945	18.01023	17.96282
Elastic Mod. y-y (top flange) Z _{yt}	2476.943	3083.521	3879.041	4857.55
Elastic Mod. y-y (bot. flange) Z _{yb}	5856.457	7249.856	9010.018	11112.21
Elastic Mod. z-z Z _Z	8431.297	10517.61	13222.95	16545.34
Shear Centre V _z mm	-25.40851	-25.3323	-25.30521	-25.25593

Frame-Tek U Channel: FTU100

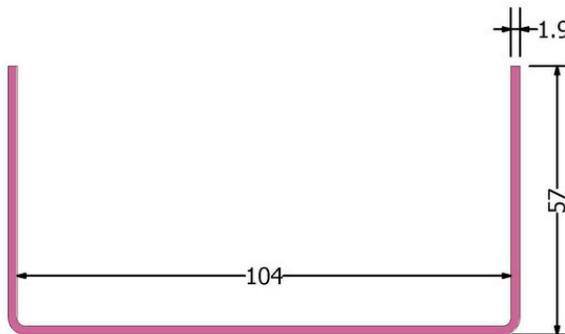
FTU10012



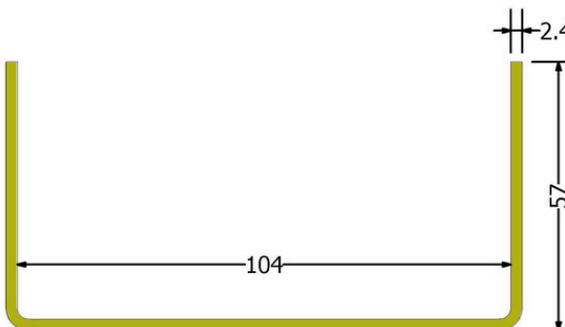
FTU10015



FTU10019



FTU10024



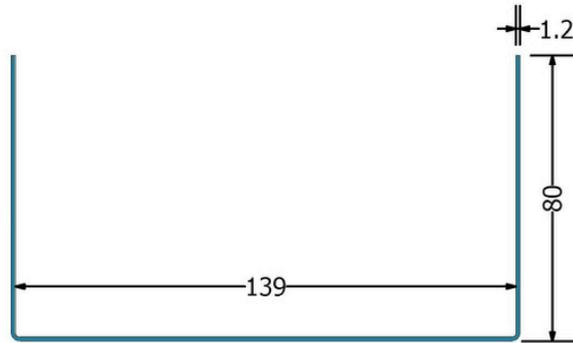
Frame-Tek U Channel Properties:

FTU100

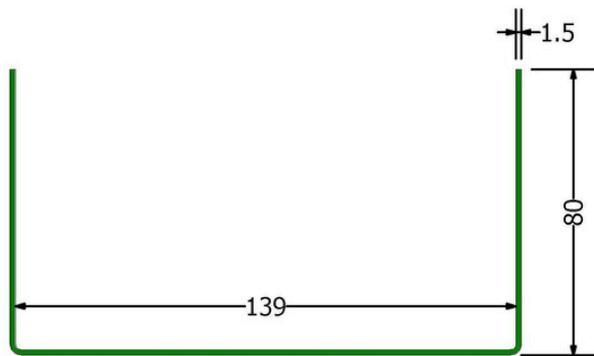
	FTU10012	FTU10015	FTU10019	FTU10024
Area (A) mm ²	257.8917	322.1714	406.4529	510.8389
Polar M.o.I J mm ⁴	123.7854	241.6233	489.0846	980.7759
M.o.I y-y I _{yp} mm ⁴	86986.17	108021.6	135305.3	168518.6
M.o.I y-y I _{zp} mm ⁴	480490.7	602680	763032.4	963063.6
Warping Const. I _w mm ⁶	1.64E+08	2.05E+08	2.56E+08	3.18E+08
CoM Cz mm	14.8088	14.7391	14.69782	14.6478
Elastic Mod. y-y (top flange) Z _{yt}	2091.456	2602.246	3272.023	4095.008
Elastic Mod. y-y (bot. flange) Z _{yb}	5645.228	6974.036	8646.909	10633.56
Elastic Mod. z-z ZZ	9031.779	11265.05	14156.45	17703.38
Shear Centre V _z mm	-21.90816	-21.83447	-21.80782	-21.76214

Frame-Tek U Channel: FTU140

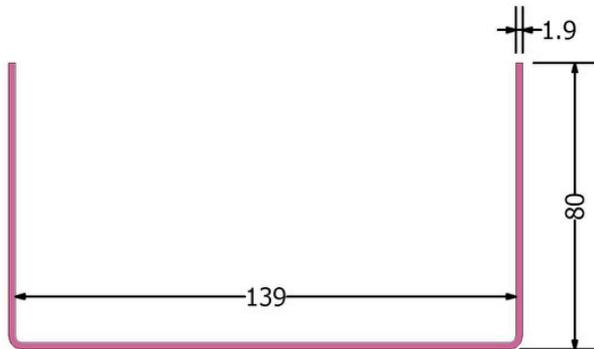
FTU14012



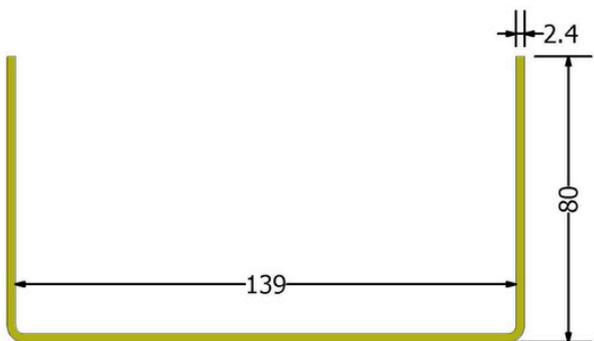
FTU14015



FTU14019



FTU14024



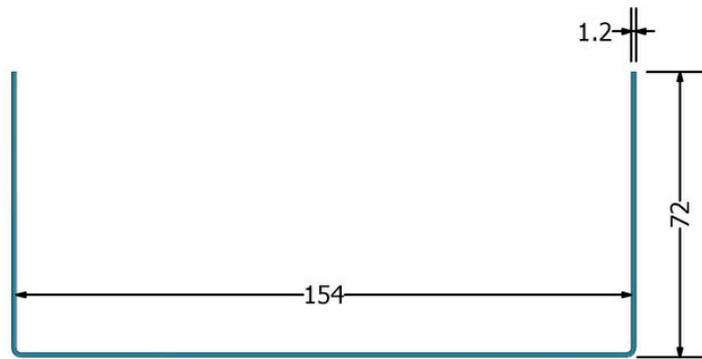
Frame-Tek U Channel Properties:

FTU140

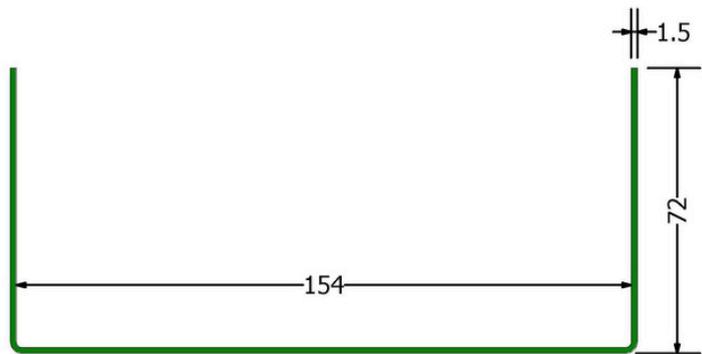
	FTU14012	FTU14015	FTU14019	FTU14024
Area (A) mm ²	355.0917	443.6714	560.3528	705.239
Polar M.o.I J mm ⁴	170.4414	332.7483	674.2776	1354.024
M.o.I y-y I _{yy} mm ⁴	239216.1	297632.8	374013.5	467730.8
M.o.I y-y I _{zz} mm ⁴	1193525	1495876	1894748	2393064
Warping Const. I _w mm ⁶	8.08E+08	1.01E+09	1.27E+09	1.58E+09
CoM Cz mm	21.3104	21.23929	21.19707	21.14544
Elastic Mod. y-y (top flange) Z _{yt}	4118.054	5130.653	6464.901	8112.641
Elastic Mod. y-y (bot. flange) Z _{yb}	10917.92	13535.35	16887.71	20931.82
Elastic Mod. z-z Z _Z	16881.54	21068.68	26537.08	33283.22
Shear Centre V _z mm	-31.09279	-31.02046	-31.00467	-30.97533

Frame-Tek U Channel: FTU150

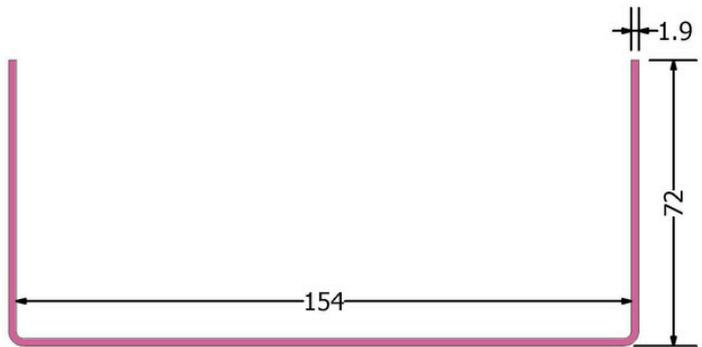
FTU15012



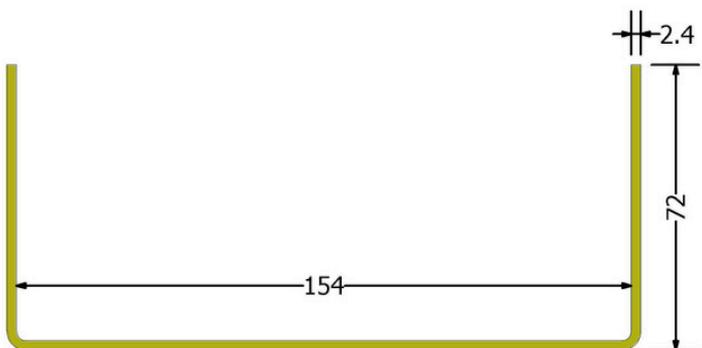
FTU15015



FTU15019



FTU15024



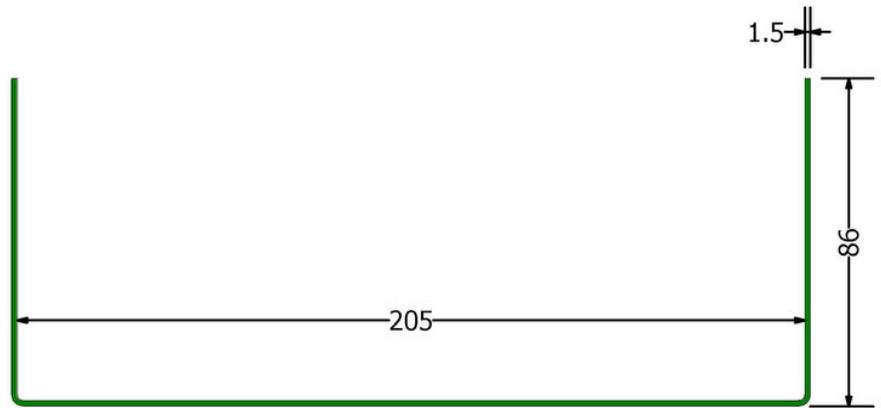
Frame-Tek U Channel Properties:

FTU150

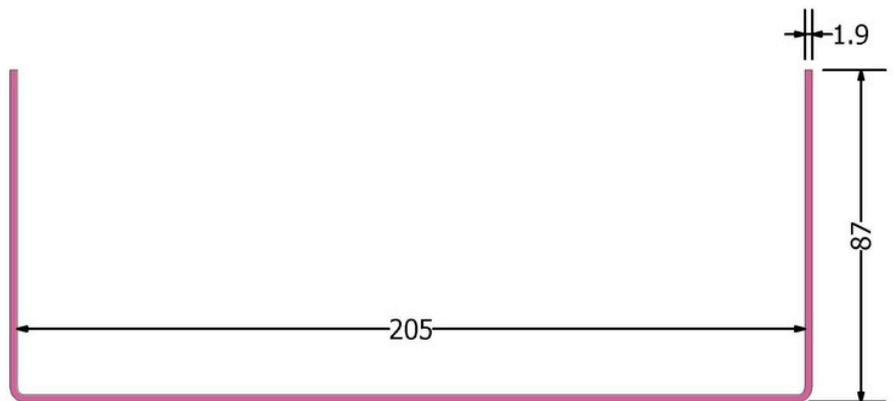
	FTU15012	FTU15015	FTU15019	FTU15024
Area (A) mm ²	353.8917	442.1714	558.4529	702.8389
Polar M.o.I J mm ⁴	169.8654	331.6233	671.9913	1349.416
M.o.I y-y I _{yy} mm ⁴	185402.4	230528.7	289506.4	361766.2
M.o.I y-y I _{zz} mm ⁴	1383115	1732612	2192704	2766376
Warping Const. I _w mm ⁶	7.70E+08	9.61E+08	1.21E+09	1.50E+09
CoM Cz mm	17.29192	17.22696	17.18376	17.1309
Elastic Mod. y-y (top flange) Z _{yt}	3426.52	4267.229	5374.543	6740.68
Elastic Mod. y-y (bot. flange) Z _{yb}	10362.35	12823.57	15965.05	19735.32
Elastic Mod. z-z Z _Z	17686.88	22071.49	27790.92	34841.01
Shear Centre V _z mm	-26.58917	-26.51882	-26.49993	-26.4685

Frame-Tek U Channel: FTU200

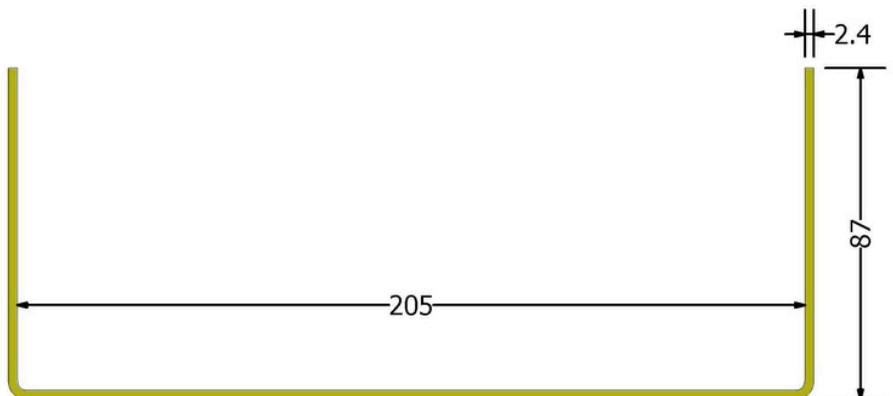
FTU20015



FTU20019



FTU20024



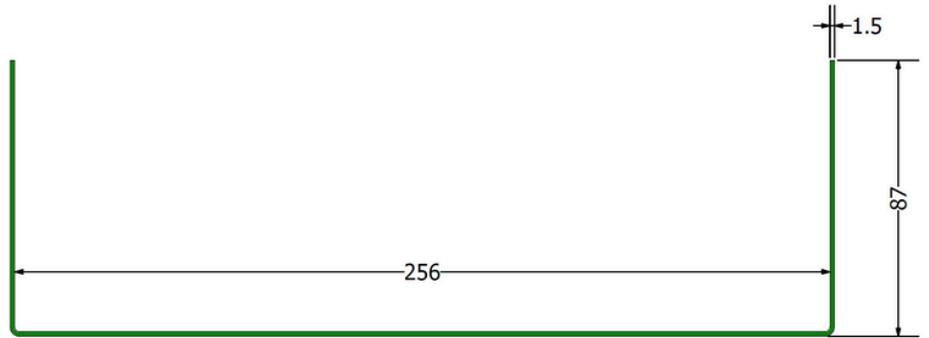
Frame-Tek U Channel Properties:

FTU200

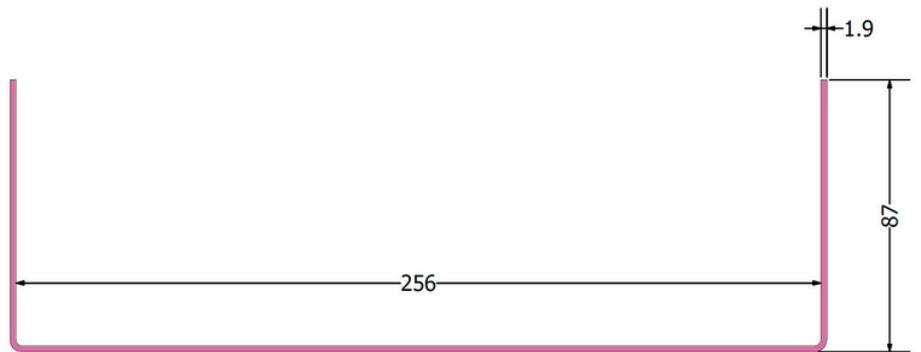
	FTU20015	FTU20019	FTU20024
Area (A) mm ²	560.6714	712.3528	897.239
Polar M.o.I J mm ⁴	420.4983	857.1843	1722.664
M.o.I y-y I _{yy} mm ⁴	407566.9	529153.1	662561.2
M.o.I y-y I _{zz} mm ⁴	3775217	4817933	6078278
Warping Const. I _w mm ⁶	3.02E+09	3.92E+09	4.90E+09
CoM Cz mm	19.4477	19.7566	19.70252
Elastic Mod. y-y (top flange) Z _{yt}	6193.809	7981.989	10024
Elastic Mod. y-y (bot. flange) Z _{yb}	20178.88	25554.8	31697.68
Elastic Mod. z-z Z _Z	36300.16	46148.78	57943.55
Shear Centre V _z mm	-30.7484	-31.19391	-31.1683

Frame-Tek U Channel: FTU250

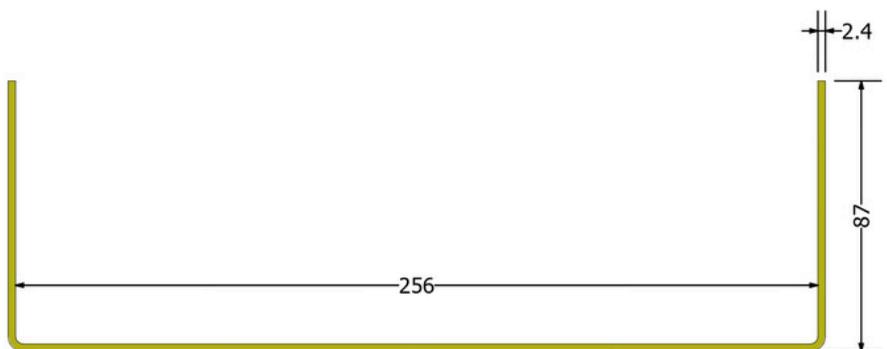
FTU25015



FTU25019



FTU25024



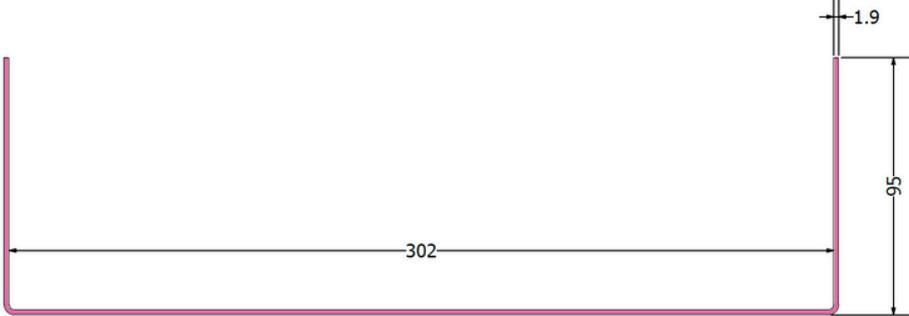
Frame-Tek U Channel Properties:

FTU250

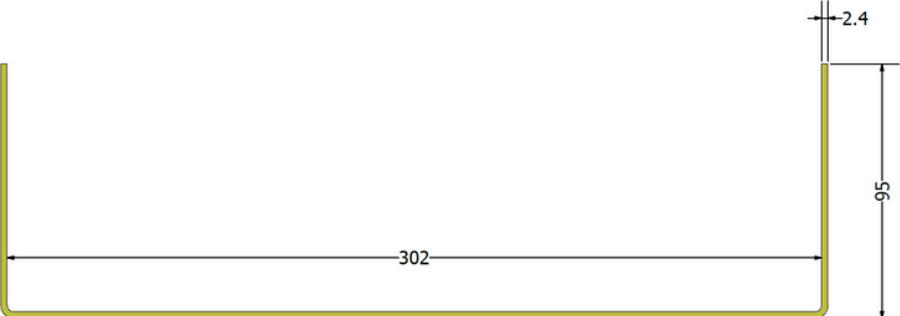
	FTU25015	FTU25019	FTU25024
Area (A) mm ²	635.6714	802.0329	1019.639
Polar M.o.I J mm ⁴	476.7483	965.0992	1957.672
M.o.I y-y I _{yy} mm ⁴	445729.6	560270.3	704430.6
M.o.I y-y I _{zz} mm ⁴	6171577	7749660	1.01E+07
Warping Const. I _w mm ⁶	5.09E+09	6.36E+09	8.24E+09
CoM Cz mm	17.55784	17.5475	17.33738
Elastic Mod. y-y (top flange) Z _{yt}	6488.799	8178.83	10289.27
Elastic Mod. y-y (bot. flange) Z _{yb}	24346.38	30288.97	38000.55
Elastic Mod. z-z Z _Z	48215.44	60544.22	77582.11
Shear Centre V _z mm	-29.25186	-29.26304	-29.08923

Frame-Tek U Channel: FTU300

FTU30019



FTU30024



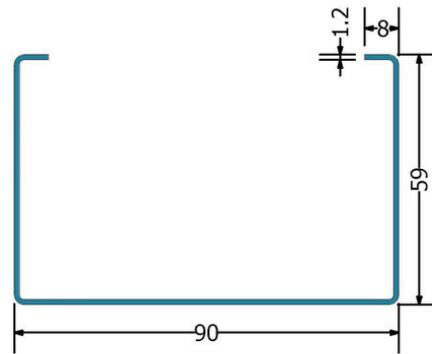
Frame-Tek U Channel Properties:

FTU300

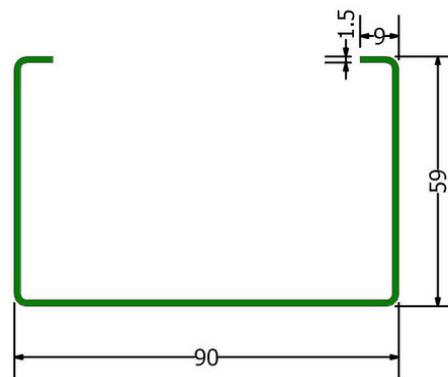
	FTU30019	FTU30024
Area (A) mm ²	991.6529	1250.039
Polar M.o.I J mm ⁴	1193.275	2400.04
M.o.I y-y I _{yp} mm ⁴	1180989	1481823
M.o.I y-y I _{zp} mm ⁴	1.40E+07	1.77E+07
Warping Const. I _w mm ⁶	1.91E+10	2.40E+10
CoM Cz mm	23.63319	23.57836
Elastic Mod. y-y (top flange) Z _{yt}	13509.86	16989.16
Elastic Mod. y-y (bot. flange) Z _{yb}	48040.49	59803.11
Elastic Mod. z-z Z _Z	91608.3	115202.1
Shear Centre V _z mm	-38.58767	-38.56529

Frame-Tek Cee Channel: FTC90

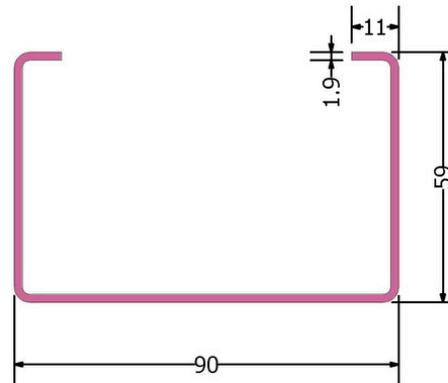
FTC9012



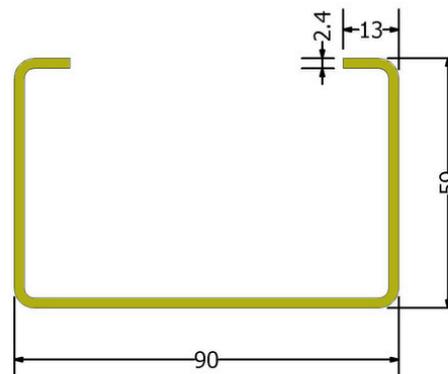
FTC9015



FTC9019



FTC9024



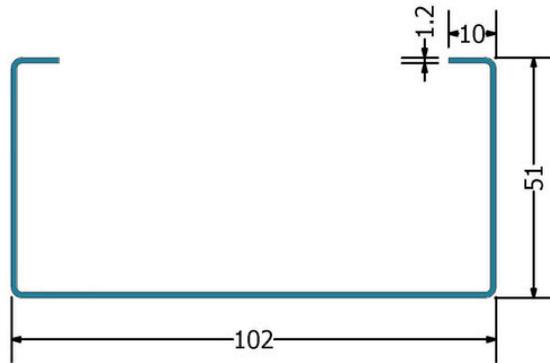
Frame-Tek Cee Channel:

FTC90

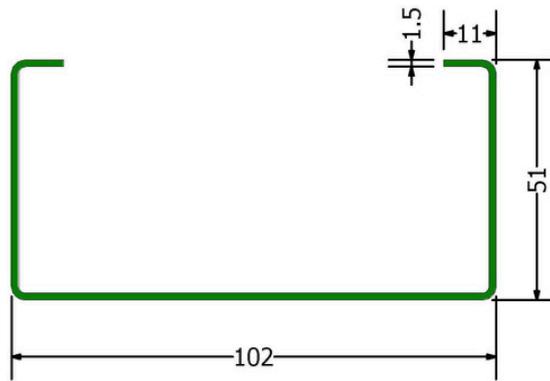
	FTC9012	FTC9015	FTC9019	FTC9024
Area (A) mm ²	255.6234	320.3429	407.0657	513.8379
Polar M.o.I J mm ⁴	122.694	240.2466	489.8084	986.499
M.o.I y-y I _{yy} mm ⁴	110291.9	139388.1	179978.8	228731.1
M.o.I y-y I _{zz} mm ⁴	358049.7	445096.9	556923.2	688653.9
Warping Const. I _w mm ⁶	1.66E+08	2.13E+08	2.86E+08	3.78E+08
CoM Cz mm	18.86054	19.05726	19.48842	19.84037
Elastic Mod. y-y (top flange) Z _{yt}	2789.415	3556.477	4667.307	6025.64
Elastic Mod. y-y (bot. flange) Z _{yb}	5667.465	7037.22	8805.905	10871.06
Elastic Mod. z-z Z _Z	7956.66	9891.043	12376.07	15303.42
Shear Centre V _z mm	-26.37177	-26.64939	-27.28685	-27.82162

Frame-Tek Cee Channel: FTC100

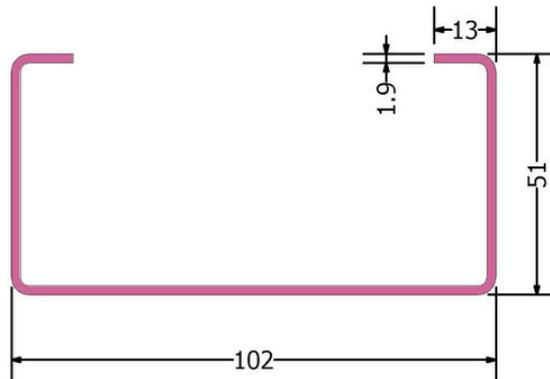
FTC10012



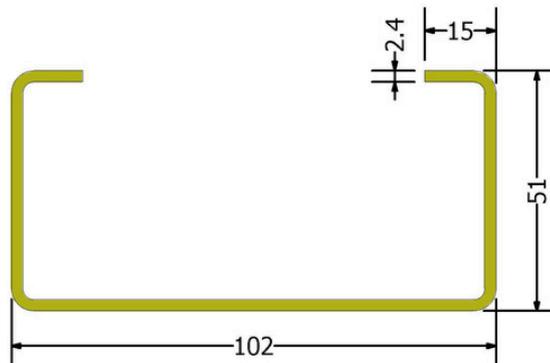
FTC10015



FTC10019



FTC10024



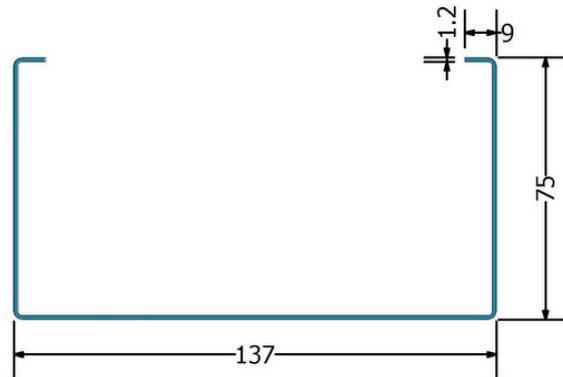
Frame-Tek Cee Channel:

FTC100

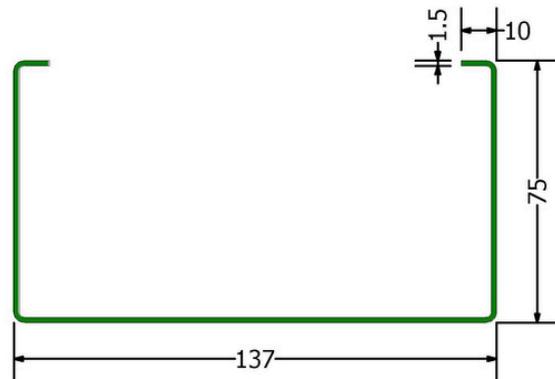
	FTC10012	FTC10015	FTC10019	FTC10024
Area (A) mm ²	255.6234	320.3429	407.0657	513.8379
Polar M.o.I J mm ⁴	122.694	240.2466	489.8084	986.499
M.o.I y-y I _{yy} mm ⁴	85432.13	107849.1	139097.6	176479.9
M.o.I y-y I _{zz} mm ⁴	434094.4	539900.9	675764.8	835965.1
Warping Const. I _w mm ⁶	1.71E+08	2.19E+08	2.93E+08	3.86E+08
CoM Cz mm	15.31496	15.47869	15.84128	16.12808
Elastic Mod. y-y (top flange) Z _{yt}	2435.002	3101.669	4066.146	5241.16
Elastic Mod. y-y (bot. flange) Z _{yb}	5368.039	6645.585	8283.919	10184.62
Elastic Mod. z-z Z _Z	8511.655	10586.29	13250.29	16391.47
Shear Centre V _z mm	-22.72726	-22.97493	-23.55062	-24.026

Frame-Tek Cee Channel: FTC140

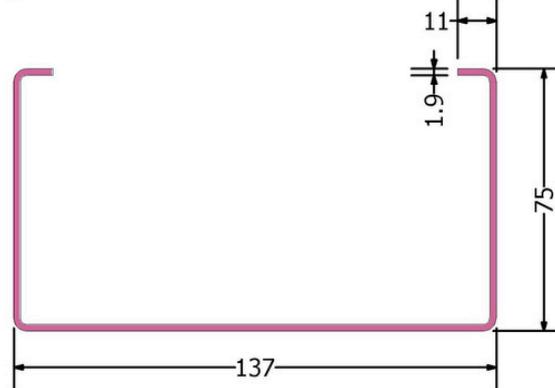
FTC14012



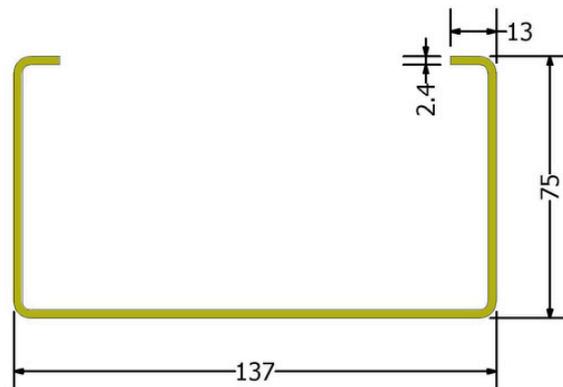
FTC14015



FTC14019



FTC14024



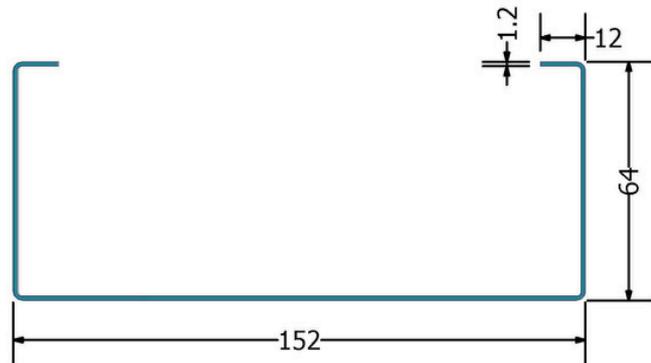
Frame-Tek Cee Channel:

FTC140

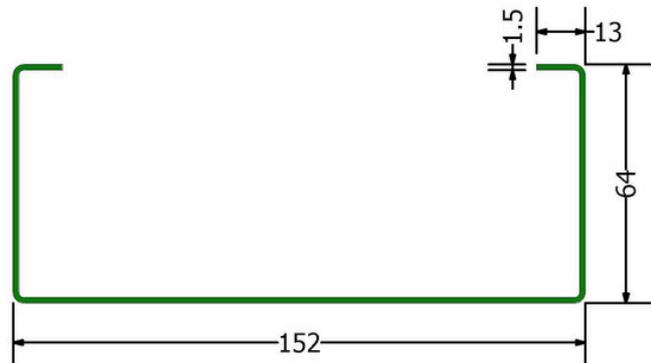
	FTC14012	FTC14015	FTC14019	FTC14024
Area (A) mm ²	352.8234	441.8429	557.1658	703.4379
Polar M.o.I J mm ⁴	169.35	331.3716	670.4287	1350.531
M.o.I y-y I _{yy} mm ⁴	240676.3	303749.4	381837.4	486617.3
M.o.I y-y I _{zz} mm ⁴	1114266	1388923	1735621	2165819
Warping Const. I _w mm ⁶	8.15E+08	1.04E+09	1.31E+09	1.70E+09
CoM Cz mm	21.96527	22.1529	22.21643	22.55277
Elastic Mod. y-y (top flange) Z _{yt}	4590.018	5830.448	7366.604	9495.485
Elastic Mod. y-y (bot. flange) Z _{yb}	10665.78	13262.49	16482.36	20486.76
Elastic Mod. z-z Z _Z	16266.66	20276.25	25337.53	31617.79
Shear Centre V _z mm	-31.95899	-32.22166	-32.35344	-32.86898

Frame-Tek Cee Channel: FTC150

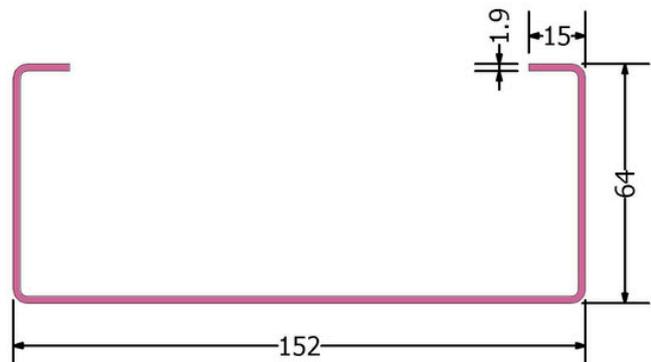
FTC15012



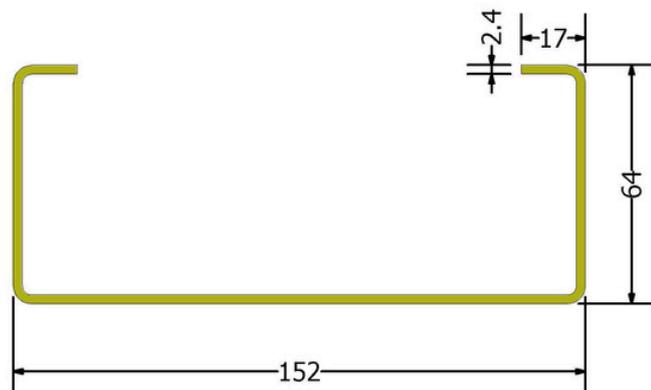
FTC15015



FTC15019



FTC15024



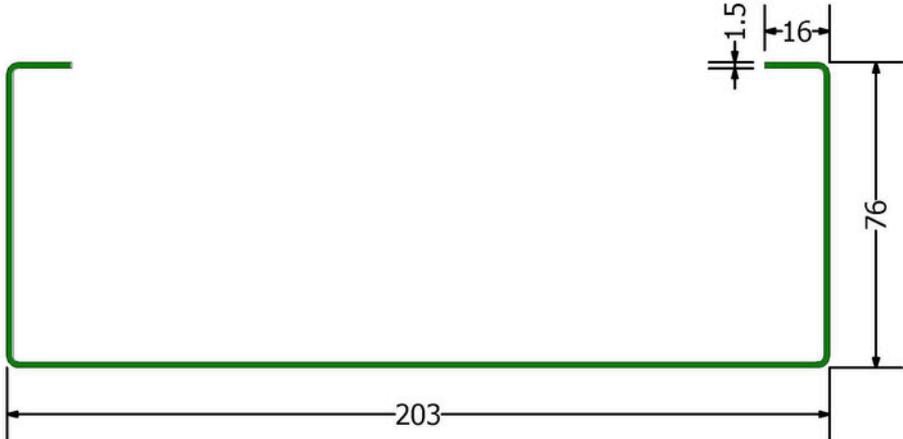
Frame-Tek Cee Channel:

FTC150

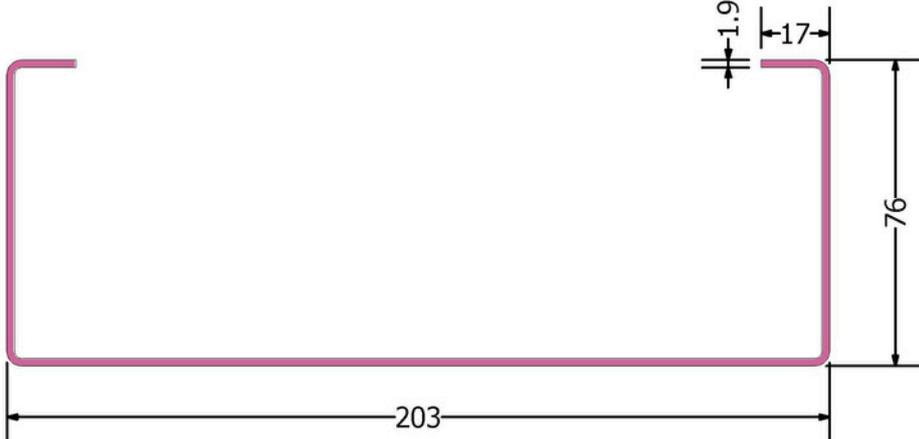
	FTC15012	FTC15015	FTC15019	FTC15024
Area (A) mm ²	351.6234	440.3429	559.0657	705.8379
Polar M.o.I J mm ⁴	168.774	330.2466	672.715	1355.139
M.o.I y-y I _{yy} mm ⁴	181250.5	228483.2	294166.8	373814
M.o.I y-y I _{zz} mm ⁴	1290290	1608525	2023870	2523843
Warping Const. I _w mm ⁶	7.87E+08	1.00E+09	1.32E+09	1.71E+09
CoM Cz mm	17.68351	17.83716	18.17604	18.44226
Elastic Mod. y-y (top flange) Z _{yt}	3964.663	5031.246	6555.4	8427.256
Elastic Mod. y-y (bot. flange) Z _{yb}	9913.333	12292.53	15380.43	19031.11
Elastic Mod. z-z Z _Z	16977.5	21164.81	26629.87	33208.46
Shear Centre V _z mm	-27.27188	-27.50443	-28.05058	-28.50571

Frame-Tek Cee Channel: FTC200

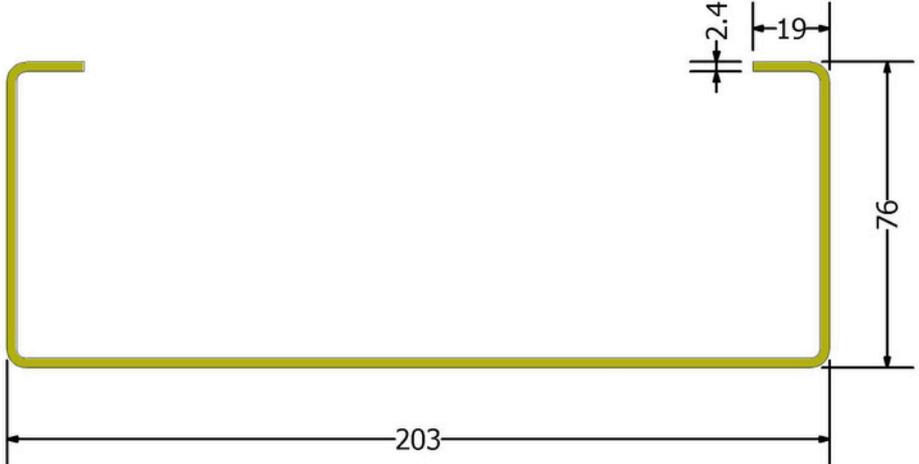
FTC20015



FTC20019



FTC20024



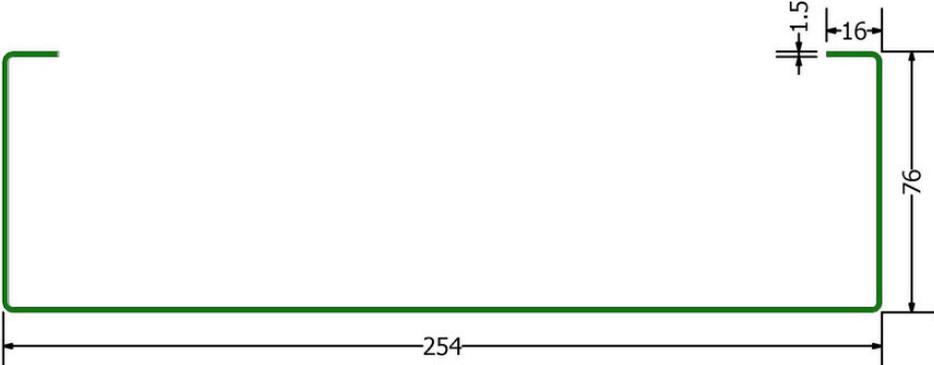
Frame-Tek Cee Channel:

FTC200

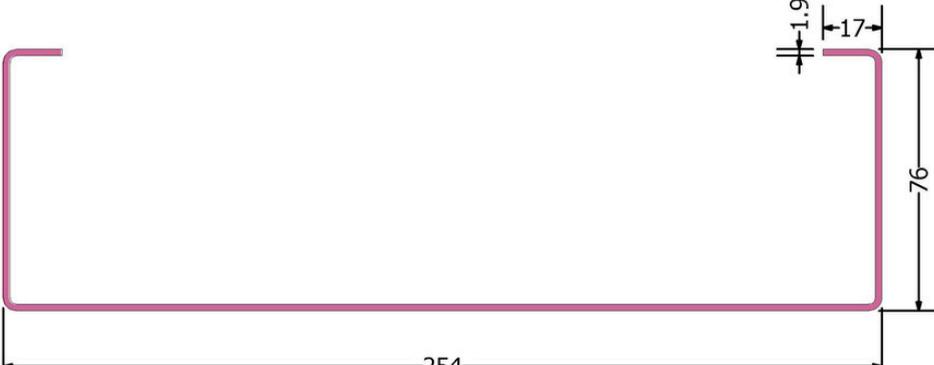
	FTC20015	FTC20019	FTC20024
Area (A) mm ²	561.8429	709.1658	895.4379
Polar M.o.I J mm ⁴	421.3716	853.3354	1719.171
M.o.I y-y I _{yp} mm ⁴	410069.3	515628.2	655362.3
M.o.I y-y I _{zp} mm ⁴	3590007	4499441	5631999
Warping Const. I _w mm ⁶	3.21E+09	4.05E+09	5.21E+09
CoM C _z mm	20.24413	20.2743	20.5255
Elastic Mod. y-y (top flange) Z _{yt}	7455.009	9413.447	12074.96
Elastic Mod. y-y (bot. flange) Z _{yb}	19532.56	24294.24	30165.57
Elastic Mod. z-z Z _Z	35369.53	44329.47	55487.67
Shear Centre V _z mm	-32.03111	-32.13301	-32.56984

Frame-Tek Cee Channel: FTC250

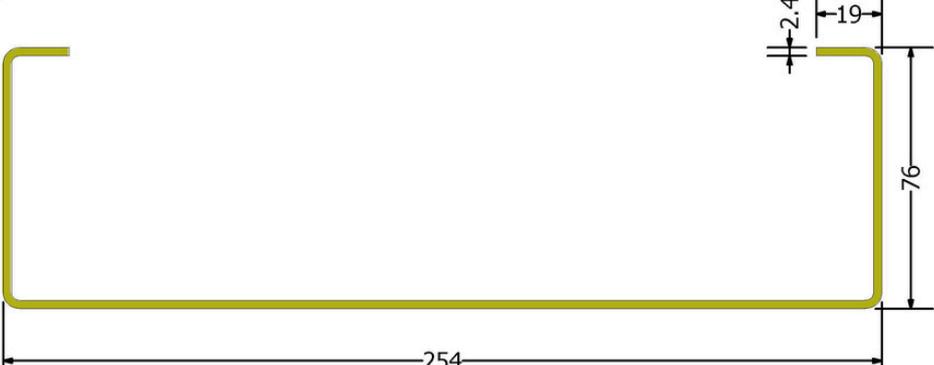
FTC25015



FTC25019



FTC25024



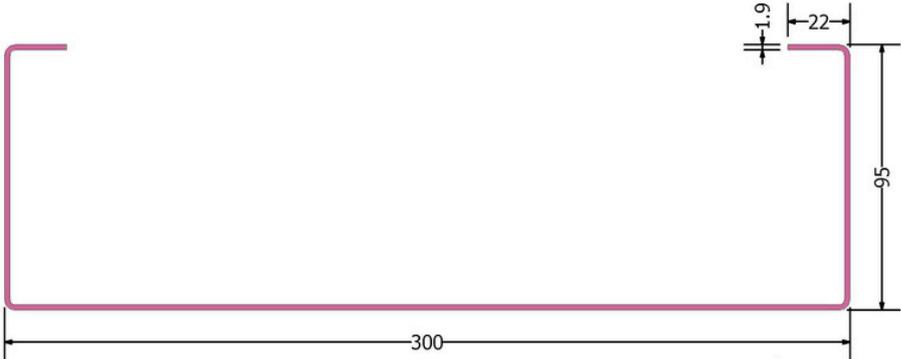
Frame-Tek Cee Channel:

FTC250

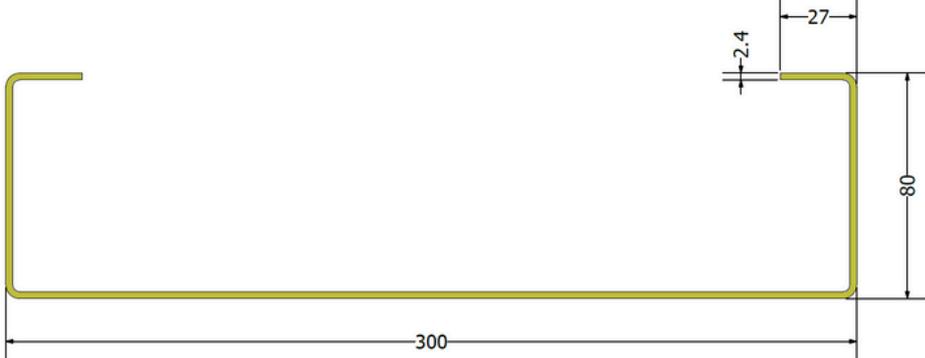
	FTC25015	FTC25019	FTC25024
Area (A) mm ²	638.3429	813.6658	1017.838
Polar M.o.I J mm ⁴	478.7466	979.0837	1954.179
M.o.I y-y I _{yy} mm ⁴	437678	574535.2	700786.6
M.o.I y-y I _{zz} mm ⁴	6064260	7703362	9550072
Warping Const. I _w mm ⁶	5.30E+09	7.08E+09	8.57E+09
CoM Cz mm	17.81805	18.36257	18.05721
Elastic Mod. y-y (top flange) Z _{yt}	7620.81	10135.14	12350.23
Elastic Mod. y-y (bot. flange) Z _{yb}	23571.57	29749.28	36390.86
Elastic Mod. z-z Z _Z	47750.08	60656.39	75197.41
Shear Centre V _z mm	-29.8105	-30.67796	-30.28145

Frame-Tek Cee Channel: FTC300

FTC30019



FTC30024



Frame-Tek Cee Channel:

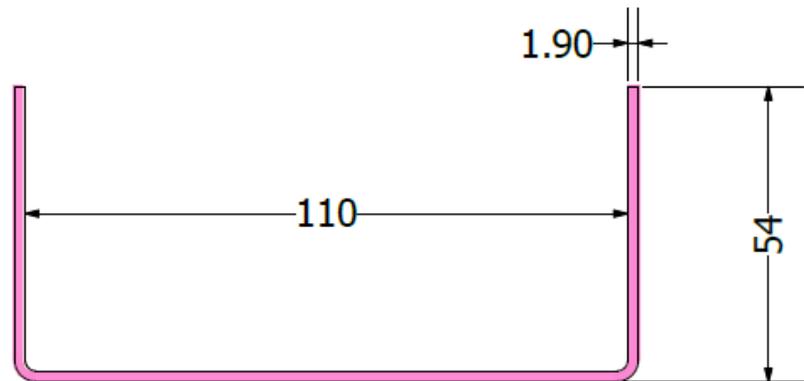
FTC300

	FTC30019	FTC30024
Area (A) mm ²	984.6658	1248.238
Polar M.o.I J mm ⁴	1184.854	2396.547
M.o.I y-y I _{yy} mm ⁴	1101252	1420951
M.o.I y-y I _{zz} mm ⁴	1.32E+07	1.67E+07
Warping Const. I _w mm ⁶	1.89E+10	2.47E+10
CoM C _z mm	23.55548	24.04463
Elastic Mod. y-y (top flange) Z _{yt}	15621.81	20370.49
Elastic Mod. y-y (bot. flange) Z _{yb}	44939.02	56287.26
Elastic Mod. z-z Z _Z	88297.92	111375
Shear Centre V _z mm	-38.76418	-39.56535

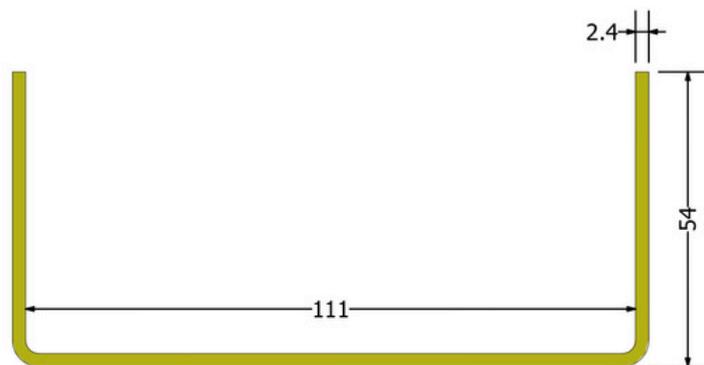
Frame-Tek U Channel CAP

Members: FTU100 CAPS

FTU10019_19



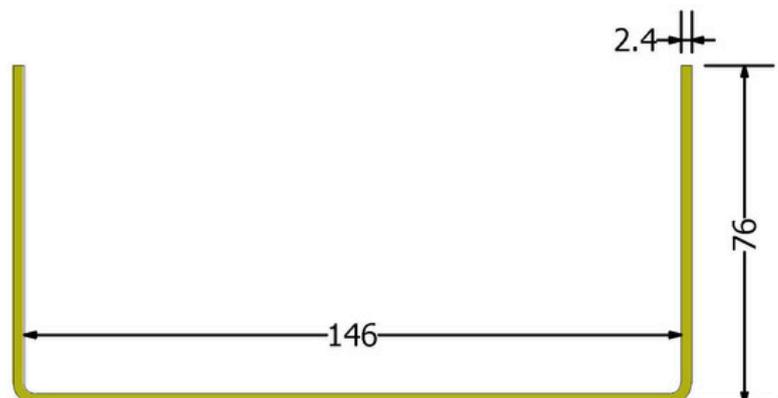
FTU10024_24



Frame-Tek U Channel CAP

Members: FTU140 CAPS

FTU14024_24



Frame-Tek U Channel CAP Member Properties:

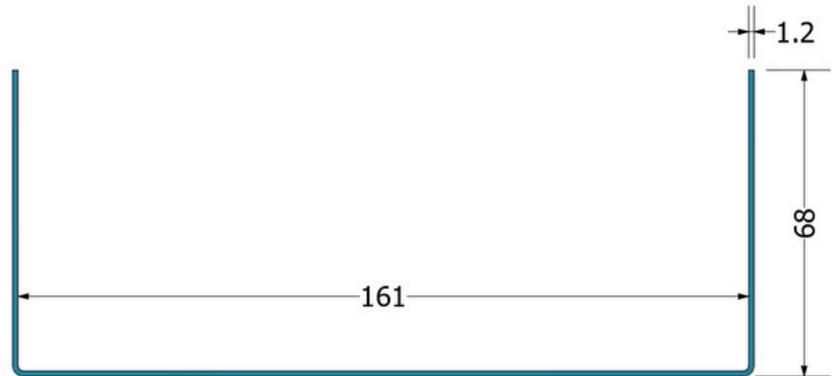
FTU100 & 140 CAPS

	FTU10019	FTU10024	FTU14024
Area (A) mm ²	408.3529	513.239	702.8389
Polar M.o.I J mm ⁴	491.3709	985.3839	1349.416
M.o.I y-y I _{yp} mm ⁴	119034.5	148178.6	412870
M.o.I y-y I _{zp} mm ⁴	845063.1	1065708	2561033
Warping Const. I _w mm ⁶	2.57E+08	3.18E+08	1.54E+09
CoM Cz mm	13.10656	13.0558	19.11964
Elastic Mod. y-y (top flange) Z _{yt}	2980.075	3728.307	7415.001
Elastic Mod. y-y (bot. flange) Z _{yb}	8468.249	10394.26	20318.77
Elastic Mod. z-z Z _Z	14722.35	18406	33965.95
Shear Centre V _z mm	-20.05243	-20.00768	-28.72834

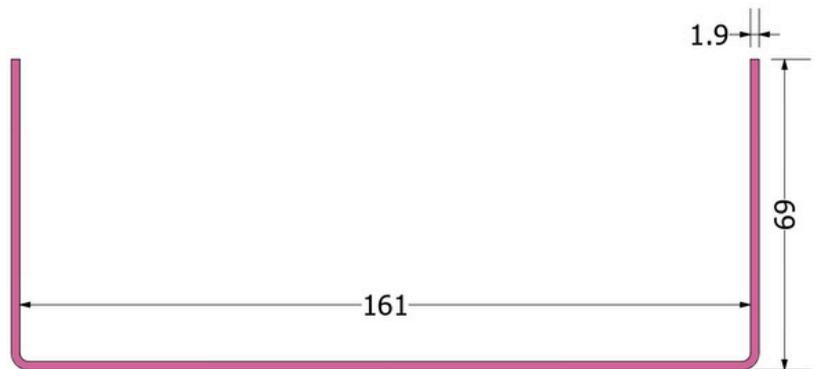
Frame-Tek U Channel CAP

Members: FTU150 CAPS

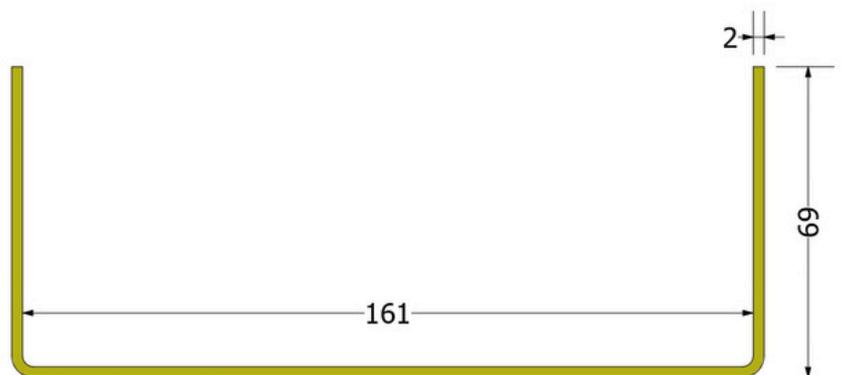
FTU15012_24



FTU15019_24



FTU15024_24



Frame-Tek U Channel CAP Member Properties:

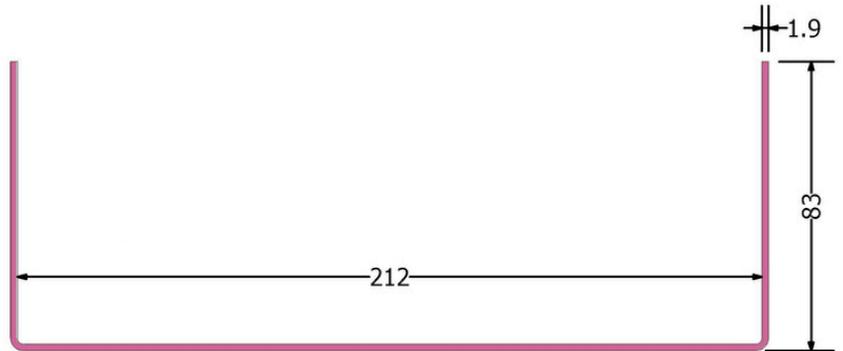
FTU150 CAPS

	FTU15012	FTU15019	FTU15024
Area (A) mm ²	352.6917	560.3528	703.3189
Polar M.o.I J mm ⁴	169.2894	674.2776	1350.338
M.o.I y-y I _{yp} mm ⁴	160654.5	260951.6	325498.8
M.o.I y-y I _{zp} mm ⁴	1465979	2347839	2927700
Warping Const. I _w mm ⁶	7.32E+08	1.19E+09	1.47E+09
CoM C _z mm	15.46174	15.71055	15.70034
Elastic Mod. y-y (top flange) Z _{yt}	3093.182	4985.753	6247.618
Elastic Mod. y-y (bot. flange) Z _{yb}	10002.31	15662.84	19259.89
Elastic Mod. z-z ZZ	17943.44	28493.19	35487.27
Shear Centre V _z mm	-24.4166	-24.78924	-24.7918

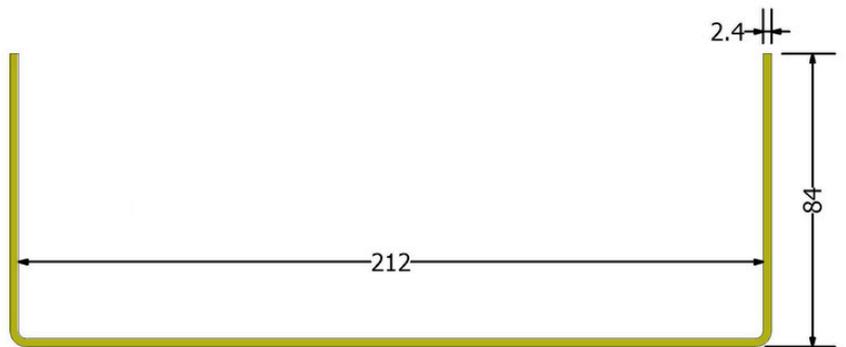
Frame-Tek U Channel CAP

Members: FTU200 CAPS

FTU20019_24



FTU20024_24



Frame-Tek U Channel CAP Member Properties:

FTU200 CAPS

	FTU20019	FTU20024
Area (A) mm ²	710.4529	899.6389
Polar M.o.I J mm ⁴	854.8979	1727.272
M.o.I y-y I _{yy} mm ⁴	469332.5	607223.1
M.o.I y-y I _{zz} mm ⁴	5026327	6394423
Warping Const. I _w mm ⁶	3.73E+09	4.82E+09
CoM Cz mm	18.0112	18.30062
Elastic Mod. y-y (top flange) Z _{yt}	7328.878	9414.402
Elastic Mod. y-y (bot. flange) Z _{yb}	24752.25	31138.67
Elastic Mod. z-z Z _Z	46583.2	58989.14
Shear Centre V _z mm	-29.05642	-29.48704



32 Woodlands Road, Katoomba NSW 2780
sales@frametekgroup.com.au
02 4759 2211