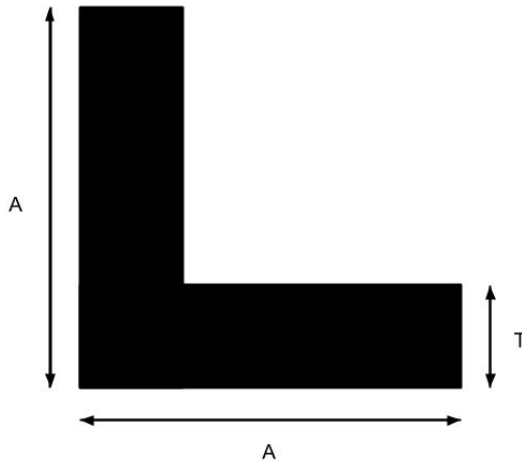


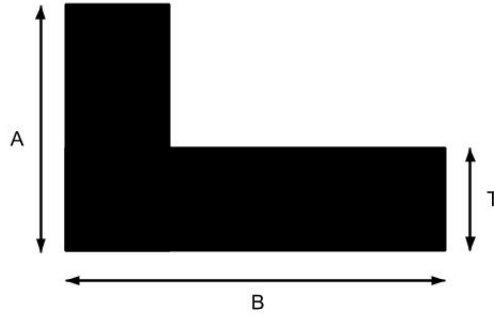
Architectural Angles Equal Legs



DIE	A	T	WT/FT
253	.500	.125	.131
1503	.625	.125	.168
1741	.750	.062	.108
1789	.750	.125	.206
1481	.875	.093	.187
3887	.875	.156	.300
4813	.937	.093	.198
1344	1.000	.062	.144
79	1.000	.125	.281
2563	1.000	.187	.408
1966	1.000	.250	.562
1864	1.250	.125	.356
2410	1.250	.187	.519
169	1.250	.250	.674

4875	1.250	.375	.956
2168	1.500	.062	.218
1653	1.500	.125	.431
1634	1.500	.187	.633
787	1.500	.250	.826
1525	1.750	.062	.256
4105	1.750	.125	.506
4510	1.750	.187	.743
3891	1.750	.250	.975
3005	1.875	.250	1.054
5173	2.000	.093	.436
1504	2.000	.125	.581
1190	2.000	.187	.856
2230	2.000	.250	1.124
3326	2.000	.375	1.631
1819	2.250	.125	.656
3980	2.250	.250	1.275
3080	2.500	.250	1.426
1662	3.000	.125	.881
1676	3.000	.187	1.304
1858	3.000	.250	1.726

Architectural Angles Unequal Legs



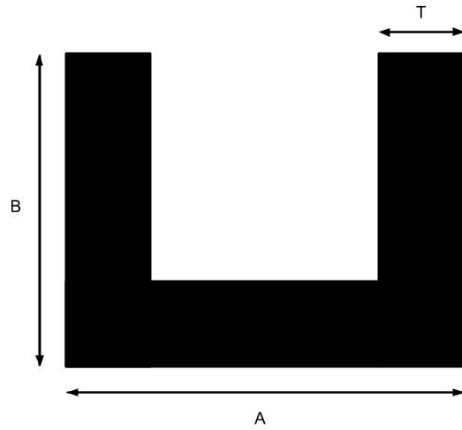
DIE	A	B	T	WT/FT
2545	.375	.625	.125	.131
2105	.375	.750	.093	.116
2321	.375	.875	.125	.168
2104	.375	1.000	.125	.187
2106	.375	2.000	.125	.337
1375	.500	.562	.062	.076
798	.500	.625	.062	.079
1642	.500	.625	.125	.150
310	.500	.750	.062	.088
2335	.500	.750	.125	.169
1554	.500	1.000	.062	.112
3277	.500	1.000	.093	.157
3188	.500	1.000	.125	.206
2711	.500	1.250	.090	.179
2889	.500	1.250	.125	.244

3175	.500	1.500	.125	.281
3148	.500	2.000	.062	.181
3070	.500	2.000	.125	.356
2491	.500	3.375	.125	.562
4794	.531	.750	.093	.134
1377	.562	.625	.062	.085
1378	.562	.750	.062	.095
1381	.562	.812	.062	.100
1380	.562	.875	.062	.104
1374	.562	.937	.062	.109
1373	.562	1.125	.062	.122
1379	.562	1.500	.062	.151
4408	.625	.750	.090	.139
4407	.625	1.625	.090	.233
1621	.687	1.187	.125	.263
3605	.687	1.500	.125	.309
1630	.687	1.625	.125	.328
1559	.750	1.000	.062	.127
2334	.750	1.000	.125	.244
1622	.750	1.500	.062	.164
2362	.750	1.500	.125	.319
2349	.750	2.000	.125	.394
2617	.875	1.250	.125	.300
2517	.875	1.500	.125	.332
4219	.875	2.750	.062	.265

804	.875	2.187	.125	.440
1482	1.000	1.250	.093	.244
2356	1.000	1.500	.090	.279
2333	1.000	1.500	.125	.356
3652	1.000	1.750	.093	.297
2103	1.000	2.000	.125	.431
5426	1.000	2.500	.125	.521
2295	1.000	3.000	.125	.581
1632	1.000	3.750	.062	.349
1586	1.000	4.625	.125	.826
2492	1.125	4.000	.125	.750
7709	1.250	2.000	.125	.462
2439	1.250	2.000	.250	.900
2946	1.250	2.500	.250	1.066
1890	1.375	3.500	.375	1.988
3441	1.500	2.000	.125	.506
2450	1.500	2.000	.187	.743
4301	1.500	2.000	.250	.975
2493	1.500	2.250	.125	.544
3136	1.500	2.500	.187	.856
1709	1.500	3.500	.250	1.425
4738	1.750	2.000	.250	1.050
1549	1.750	2.188	.250	1.086
1571	1.750	3.500	.187	1.136
3440	2.000	2.500	.125	.656

3436	2.000	2.500	.187	.968
5190	2.000	2.750	.250	1.350
1329	2.000	3.000	.125	.731
1685	2.000	3.000	.250	1.425
187	2.000	3.000	.375	2.081
7770	2.000	4.000	.125	.870
2224	2.000	4.000	.250	1.726
4262	3.000	4.000	.250	2.025
1218	3.000	4.500	.250	2.176
1493	3.000	5.000	.125	1.181

Architectural Channels



DIE	A	B	T	WT/FT
119	.375	.375	.093	.112
5036	.410	.750	.080	.172
2346	.500	.500	.125	.187
2419	.500	.562	.050	.091
5723 BC	.500	.750	.110	.241
5568	.500	1.125	.090	.239
1308	.500	1.500	.093	.373
1054	.562	1.500	.093	.373
1054	.562	.500	.505	.094
6389	.595	1.000	.110	.313
1824	.625	.375	.060	.090
1818	.625	.625	.062	.131
2347	.625	.625	.125	.244
5901	.625	1.000	.125	.356
3176	.750	.250	.125	.150

1672	.750	.375	.125	.187
5910	.750	.500	.062	.114
785	.750	.500	.125	.226
3059	.750	.750	.062	.158
5793 BC	.750	.750	.120	.284
1357	.750	.750	.125	.300
2847	.770	.750	.125	.303
781	.781	1.000	.125	.379
1359	.812	.500	.125	.234
2941	.875	.625	.125	.281
6217	.875	1.000	.125	.397
1666	.908	1.310	.125	.492
3697	.950	1.379	.055	.195
1227 IR	1.000	.125	.760	.760
887	1.000	.360	.100	.182
4215	1.000	.500	.062	.140
5734	1.000	.500	.119	.252
3653	1.000	.500	.125	.262
5768 BC	1.000	.750	.050	.144
1509	1.000	.750	.100	.276
2221	1.000	.750	.125	.337
5387	1.000	1.000	.062	.214
5944	1.000	1.000	.093	.403
2315	1.000	1.000	.125	.412
2585	1.000	1.250	.125	.487

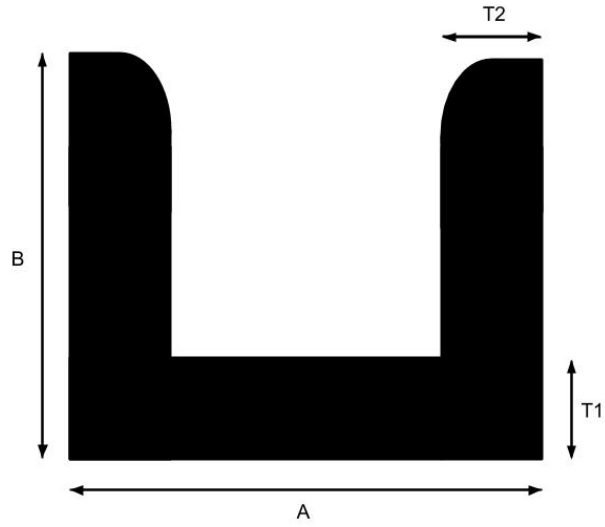
2760	1.000	1.500	.190	.827
5588 BC	1.115	1.000	.188/.128	.490
3379	1.125	1.125	.125	.469
3169	1.250	.500	.125	.300
1462	1.250	.750	.125	.376
1228	1.250	1.250	.125	.535
6343	1.250	1.312	.187/.124	.616
1666	1.310	.908	.125	.492
2377	1.375	.500	.125	.319
4091	1.375	.875	.125	.431
1363	1.437	1.000	.125	.478
1278	1.456	.291	.093	.206
5735	1.500	.500	.119	.324
1356	1.500	.500	.125	.337
5485	1.500	.750	.125	.406
1851	1.500	.875	.125	.450
3542	1.500	1.000	.125	.488
2598	1.500	1.250	.125	.488
3107	1.500	1.250	.125	.562
1101	1.562	.500	.062	.181
1102	1.562	.625	.062	.200
1909	1.625	.500	.125	.356
2077	1.625	1.250	.125	.588
1780	1.700	.750	.050	.186
4002	1.700	2.500	.125	.967

3543	1.718	.500	.060	.187
5095	1.750	.500	.062	.196
5736	1.750	.500	.119	.360
1817	1.750	.625	.125	.413
4202	1.750	.750	.125	.450
2707	1.750	1.000	.125	.525
2537	1.750	1.250	.125	.600
1423	1.880	.400	.050	.155
3589	1.988	1.000	.125	.561
6216	2.000	.250	.125	.337
2212	2.000	.500	.125	.413
5737	2.000	1.000	.110	.499
2866	2.000	1.000	.125	.562
2687	2.000	1.250	.250	1.262
4942	2.000	1.750	.125	.787
2420	2.000	2.000	.125	.861
2580	2.000	2.000	.187	1.262
188	2.000	2.000	.250	1.650
6053	2.125	1.000	.062	.306
5946	2.187	.312	.080	.256
6097 IR	2.218	4.000	.250	2.892
3272	2.250	.500	.125	.450
1706	2.250	.875	.125	.563
4229	2.250	1.000	.125	.600
6064	2.250	2.000	.500	3.150

6361	2.330	1.000	.070	.350
3515 IR	2.375	1.250	.187	1.031
654	2.500	.455	.055	.218
2487	2.500	.875	.125	.600
3331	2.500	1.000	.156	.784
3234	2.500	1.500	.125	.788
4003	2.500	2.500	.125	1.117
5903	2.500	2.500	.125	1.087
6124 IR	2.713	2.218	.350	1.972
6123 IR	2.713	4.000	.250	3.041
3585	3.000	.280	.125	.496
65	3.000	.750	.062	.325
2877	3.000	.750	.085	.441
61	3.000	1.000	.125	.713
3229	3.000	1.125	.125	.750
2522	3.000	2.000	.125	1.012
6072 IR	3.062	2.625	.375	3.396
3186	3.250	.125	.076	.300
805	3.250	1.250	.125	.826
3837	3.270	1.500	.090	.658
1184	3.500	1.000	.125	.787
3677	3.500	1.125	.125	.825
6469	3.600	.960	.125	.818
1263	3.625	2.500	.125	1.256
5662 IR	3.740	.555	.080	.449

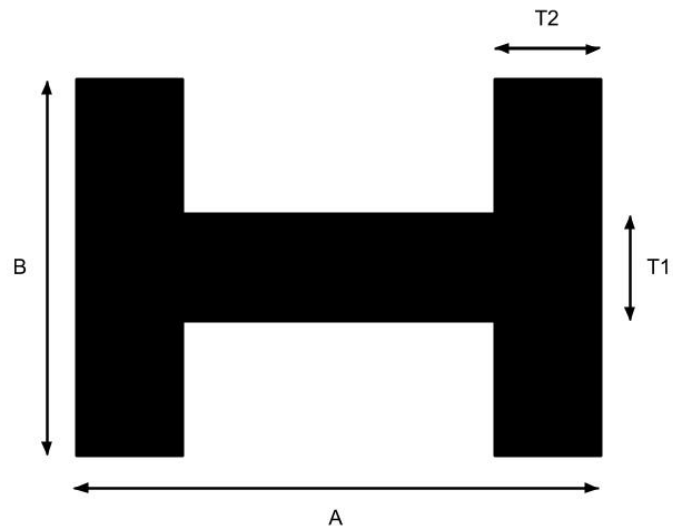
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911	4.000	.625	.093	.566
1907	4.000	.750	.125	.786
1386	4.000	1.000	.125	.863
2222	4.000	1.500	.080	.656
4197 IR	4.000	1.630	.125	1.082
4412*	4.000	1.750	.125	1.208
1437	4.000	2.000	.125	1.163
5049	4.000	2.000	.250	2.250
6369	4.000	2.000	.375	3.263
2872	4.200	.750	.085	.564
3170	4.290	.750	.085	.574
4313	4.500	1.500	.125	1.088
2160	4.500	1.500	.250	1.950
3412	4.500	2.250	.250	2.550
2638	5.000	1.000	.125	1.013
4092	5.000	1.500	.250	2.250
4494	5.200	1.000	.100	.840
4145	5.468	1.218	.156	1.421
4599	5.482	1.000	.125	1.086
3480	6.000	1.000	.125	1.163

Structural Channels



DIE	A	B	T-1	T-2	WT/FT
1564	.875	.750	.062	.062	.186
1652	.875	.750	.078	.078	.212
1529	1.375	2.000	.156	.156	.953
3515 *	2.375	1.250	.187	.187	1.031
1269 *	3.000	1.000	.187	.312	1.282
1938 *	3.000	2.000	.250	.250 *	2.280
2017 *	3.390	.750	.081	.105	.499
1891 *	4.384	1.125	.250	.500	2.389

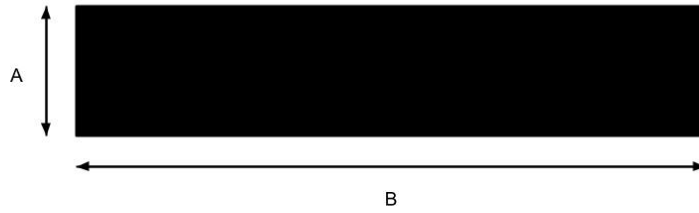
H Sections



DIE	A	B	T-1	T-2	WT/FT
203	.312	1.062	.062	.062	.170
3057	.375	.937	.125	.135	.311
728	.500	.937	.125	.062	.187
4126	.686	1.125	.125	.062	.250
4035 IR	.740	1.000	.093	.093	.280
991	.781	1.032	.125	.125	.325
2435	1.000	1.375	.094	.094	.408
3009	1.250	1.750	.063	.063	.350
50	1.500	2.000	.125	.125	.788
3643	2.000	1.125	.187	.187	.870
*1579	2.000	2.000	.062	.062	.432
3609	2.000	2.000	.125	.125	.863

4225	2.000	2.000	.187	.187	1.262
*2305	2.187	1.500	.078	* .090	.601
3409	2.232	1.950	*.132	.132	1.264
1260	2.250	1.500	.125	.125	.750
1914	2.250	3.125	.125	.125	1.237
3724	2.687	1.250	.187	.187	1.080
4069	3.75	1.375	.234	.187	1.564
1981	4.196	2.075	.075	.075	.797

Rectangular Bars



DIE	A	B	WT/FT
2413 FR	.090	1.000	.108
2867	.090	1.250	.127
7730	.180	1.000	.216
2408 FR	.100	2.000	.230
2067	.100	3.000	.360
2412 FR	.100	3.000	.348
3567	.107	2.625	.337
5212	.110	.970	.128
3566	.110	2.375	.313
7326	.125	.500	.074
1963	.125	.625	.094
786	.125	.750	.113
4598 FR	.125	1.000	.113
2820	.125	.800	.120
671	.125	1.000	.150
2963 FR	.125	1.000	.146
1247	.125	1.250	.187

1837	.125	1.500	.225
1960	.125	1.750	.263
52	.125	2.000	.300
4042	.125	2.250	.324
1667	.125	2.375	.356
2452	.125	2.500	.376
1925	.125	3.000	.450
2856	.125	3.500	.526
1039 BC	.125	4.000	.600
1036	.125	5.000	.750
7569	.125	6.000	.900
1932	.130	1.125	.175
2601	.140	2.000	.336
1844	.145	1.125	.196
4388	.152	1.875	.281
2473	.156	.750	.140
2474	.156	.875	.164
2475	.156	1.062	.199
1951	.156	3.000	.562
4384	.165	1.562	.309
2564	.165	1.750	.347
4317	.170	2.000	.408
4326	.170	2.500	.510
3142	.175	1.500	.315
2378	.187	.437	.098

109	.187	.500	.113
152	.187	.625	.140
2306	.187	.750	.169
2306	.187	.750	.169
2821	.187	.800	.180
1797	.187	1.000	.225
3502	.187	1.250	.280
1785	.187	1.500	.337
3392 FR	.187	1.625	.355
2713	.187	1.750	.394
1332	.187	2.000	.450
5070 BC	.187	2.312	.522
2461	.187	2.500	.564
1926	.187	2.500	.564
3602	.187	4.000	.898
2341	.187	5.000	1.122
4696	.210	1.875	.472
2527	.250	.375	.113
2339	.250	.500	.150
3462 BC	.250	.500	.146
1744	.250	.625	.187
2056	.250	.750	.224
1841	.250	1.000	.300
5135 BC	.250	1.000	.296
3704	.250	1.190	.357

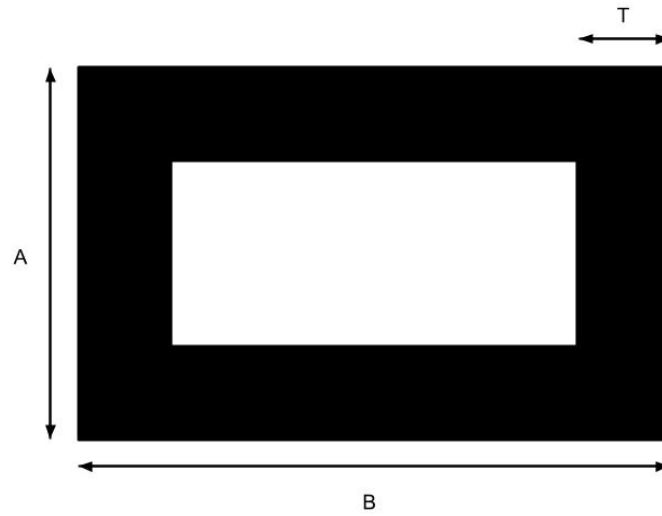
2688	.250	1.250	.374
5136 BC	.250	1.250	.371
3359	.250	1.312	.394
1707	.250	1.375	.413
1333	.250	1.500	.450
4174	.250	1.625	.488
1779	.250	1.750	.525
1405	.250	1.812	.544
2021	.250	2.000	.600
3258	.250	2.250	.675
2140	.250	2.500	.750
1661	.250	2.750	.826
113	.250	3.000	.900
3214	.250	3.500	1.050
4405	.250	3.750	1.125
2309	.250	4.000	1.200
1915	.250	4.079	1.224
4406	.250	4.750	1.425
1603	.250	5.000	1.500
2962 FR	.250	5.000	1.468
4261	.250	5.500	1.650
2045	.250	6.000	1.800
3101	.312	.750	.280
2839	.312	1.125	.421
3318	.312	1.500	.561

7742	.312	2.500	.936
4369	.312	3.750	1.404
3102	.312	4.000	1.498
2342	.312	5.000	1.892
2418	.375	.625	.281
148	.375	.687	.310
2324	.375	.750	.338
2325	.375	1.000	.450
4805 BC	.375	1.000	.450
1279	.375	1.250	.563
4134	.375	1.375	.619
2313	.375	1.500	.674
146	.375	1.750	.784
2020	.375	2.000	.900
3177 FR	.375	2.000	.863
2314	.375	2.250	1.012
145	.375	2.500	1.126
2739	.375	3.000	1.350
5389	.375	3.500	1.596
1695	.375	4.000	1.800
7185	.375	5.000	2.250
2326	.375	6.000	2.700
2905	.437	.750	.393
2370 FR	.437	1.000	.478
2128	.437	3.375	1.769

1480	.500	.625	.376
2561	.500	.735	.441
1965	.500	.750	.450
3364	.500	.875	.525
1347	.500	1.000	.600
3422 RC	.500	1.000	.596
1387	.500	1.250	.750
3010	.500	1.375	.825
1345	.500	1.500	.900
185	.500	1.750	1.050
1483	.500	2.000	1.200
3601	.500	2.250	1.350
2043	.500	2.312	1.386
2442	.500	2.500	1.500
1660	.500	3.000	1.800
3658	.500	3.250	1.950
2864	.500	4.000	2.400
3071	.500	5.000	3.000
3451	.500	6.000	3.600
2823	.562	.625	.421
3411	.562	2.250	1.517
3363	.625	.750	.562
1496	.625	1.000	.750
2865	.625	2.000	1.500
830 BC	.625	2.250	1.672

2573	.625	3.000	2.250
3113	.625	3.500	2.625
1399	.625	5.000	3.756
1400	.625	6.000	4.507
2560	.750	.735	.661
1339	.750	1.000	.900
1823	.750	1.250	1.126
1743	.750	1.500	1350
1249	.750	2.000	1.800
1234	.750	2.500	2.250
2818	.750	3.000	2.700
3053	.750	4.000	3.600
2453 RC	.875	1.062	1.098
3132 RC	.875	1.625	1.697
2559	1.000	1.250	1.500
3276	1.000	1.500	1.800
1759	1.000	2.000	2.400
3073	1.000	2.500	3.000
3103	1.000	3.000	3.600
3659	1.000	3.500	4.200
2476	1.110	1.250	1.666
3182	1.312	1.750	2.755

Rectangular Tubing

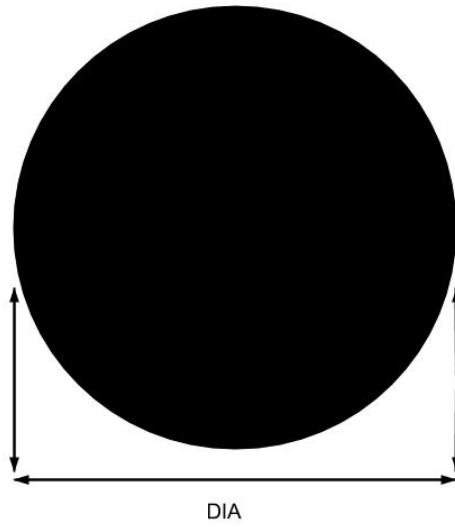


DIE	A	B	T	WT/FT	
H5234	.375	2.125	.090	.502	
H6821	.500	1.250	.120	.450	
H3976	.625	2.000	.125	.713	
H3917	.700	2.000	.100	.611	
H6822	.750	3.000	.120	1.010	
H5953	.750	1.500	.062	.320	
H2409	1.000	1.500	.125	.675	
H3510	1.000	2.000	.125	.825	
H7736*	1.000	2.000	.125	.776	*.250 RC
RC H3699	1.000	2.980	.250	2.076	
H2395	1.000	3.000	.125	1.125	
H8013	1.000	3.000	.125	1.122	

H2098 RC	1.045	1.790	.065	.415
H2097 RC	1.205	1.950	.090	.450
H3511	1.250	1.750	.609	.125
H2312	1.250	2.000	.125	.900
H3509	1.250	2.500	1.050	
H972	1.250	3.312	.187	1.879
H4597	1.250	3.500	.125	1.350
H973	1.250	5.000	.187	2.636
H2096 RC	1.365	2.110	.065	.486
H2861	1.500	2.000	.125	.976
H5384	1.500	2.500	.125	1.124
H2360	1.500	3.000	.235	2.273
H7273	1.500	3.000	.125	
H2389 RC	1.500	4.000	.094	1.199
H4076 BC	1.500	4.000	.125	1.559
H1201	1.500	5.500	.125	2.026
H4520	1.750	4.000	.090	1.203
H4463	1.750	4.000	.125	1.650
H2444	1.750	5.000	.125	1.950
H3047	1.760	2.512	.100	.977
H3184	1.875	2.250	.343	2.843
H3321 RC	2.000	3.000	.120	1.303
H5034	2.000	3.000	.125	1.425
H2279 RC	2.000	3.062	.085	.924
H4383	2.000	4.000	.125	1.725

H7726	2.000	4.000	.250	3.300
H7392	2.000	4.500	.125	1.876
H7391	2.000	6.000	.125	2.326
H4455 BC	2.375	3.250	.070	.899
SP H3049	2.437	2.000	.090	1.178
H4280	2.500	3.500	.125	1.725
H1508	3.000	4.000	.187	2.974
H2542	3.000	4.000	.220	3.469

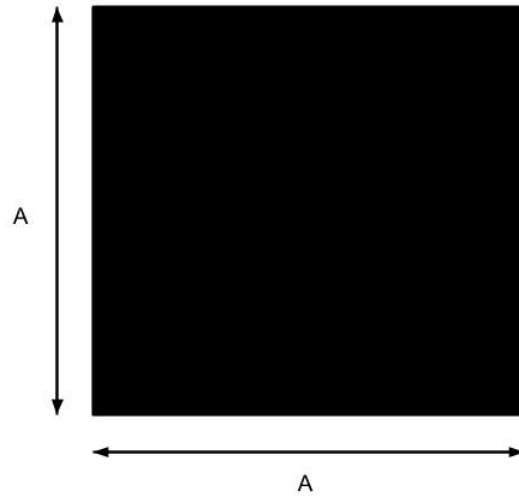
Round Rods



DIE	DIA.	WT/FT
2366	.312	.092
2405	.375	.132
5203	.437	.180
4175	.493	.229
1371	.500	.235
1265	.625	.368
1693	.750	.530
3122	.812	.623
3376	.830	.649
2381	.875	.721
3384	.937	.828
112	1.000	.942

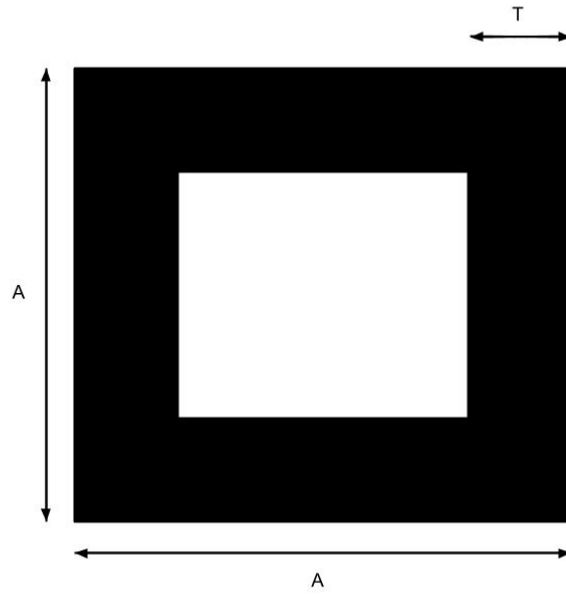
3278	1.085	1.110
3121	1.125	1.193
1596	1.250	1.472
3377	1.288	1.564
4237	1.320	1.642
7698	1.375	1.782
3378	1.436	1.944
2300	1.500	2.120
7648	1.750	2.886
7652	2.000	3.770

Square Bars



DIE	A	WT/FT
1527	.375	.168
1248	.500	.300
3069	.625	.468
1338	.750	.674
3896	.783	.736
3072	.875	.919
184	1.000	1.200
1528	1.125	1.519
8337	1.250	1.876
3303	1.312	2.066
7699	1.375	2.261
1910	1.625	3.169

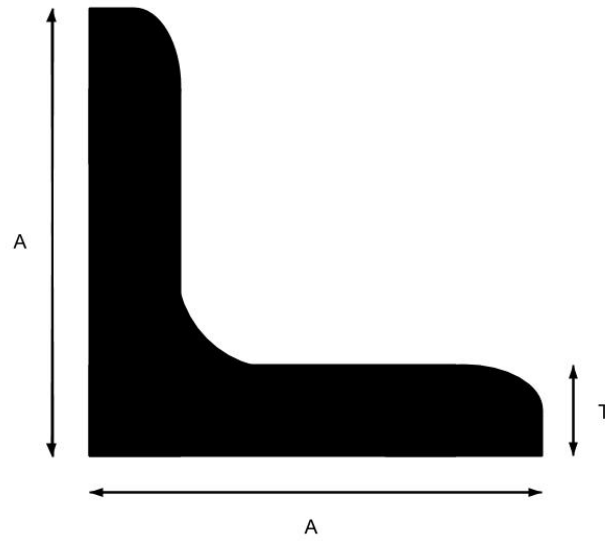
Square Tubing



DIE	A	T	WT/FT	
H7384	.500	.062	.128	
H8042	.625	.050	.138	
H7972	.750	.050	.168	
H1498	.750	.062	.205	
H6433	.750	.125		
H3065 GRV	1.000	.055	.249	
H2303	1.000	.062	.279	
H3167 RC	1.000	.065	.293	
H1724	1.000	.125	.526	
H7739*	1.000	.125	.478	*.250 RC
H6118	1.250	.083	.457	
H1273	1.250	.125	.674	

H2361	1.500	.062	.428	
H1497	1.500	.090	.628	
H2425 BC	1.500	.125	.820	
H3120	1.500	.200	1.248	
H7738*	1.500	.250	.778	*.250 RC
H5668	1.750	.125		
H3307	1.750	.187	1.403	
H7229	1.750	.250	1.800	
H8043	2.000	.060	.559	
H2422	2.000	.095	.869	
H5641	2.000	.125	1.124	
H7737*	2.000	.125	1.076	*.250 RC
H3086	2.000	.187	1.627	
H7524	2.000	.250	1.994	
H2720	2.232	.085	.876	
H4398	2.500	.125	1.425	
H8044	2.500	.075	.874	
H4387	3.000	.125	1.725	
H6047	3.000	.125		
H2441	3.000	.200	2.936	
H6516	4.000	.125		

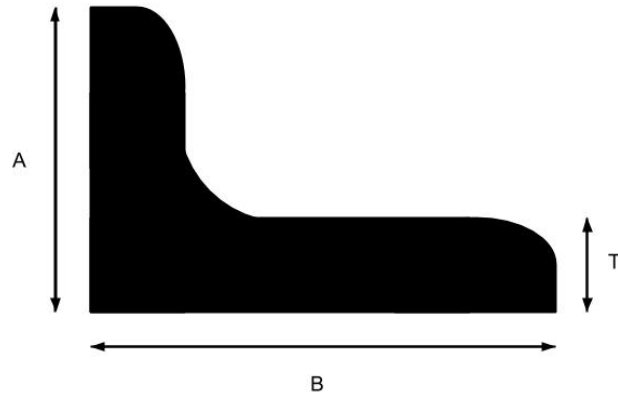
Structural Angles Equal Legs



DIE	A	T	WT/FT
2477	.750	.125	.210
1605	.875	.062	.128
1609	1.000	.062	.154
1787	1.000	.125	.282
3437	1.000	.187	.410
*3401	1.000	.187	.399
1675	1.000	.250	.524
3083	1.250	.125	.350
3438	1.250	.187	.512
2838	1.250	.250	.674
2572	1.500	.125	.432
1788	1.500	.187	.625

2862	1.500	.250	.824
3060	1.750	.187	.745
254	2.000	.125	.588
1432	2.000	.187	.858
2046	2.000	.250	1.124
*3168	2.000	.375	1.606
2411	2.500	.187	1.084
3275	2.500	.250	1.450
2637	2.500	.500	2.707
2570	3.000	.187	1.308
2863	3.000	.250	1.709
1869	3.000	.312	2.082
3455	3.000	.375	2.474
*1266	3.000	.500	3.410
3656	4.000	.250	2.324

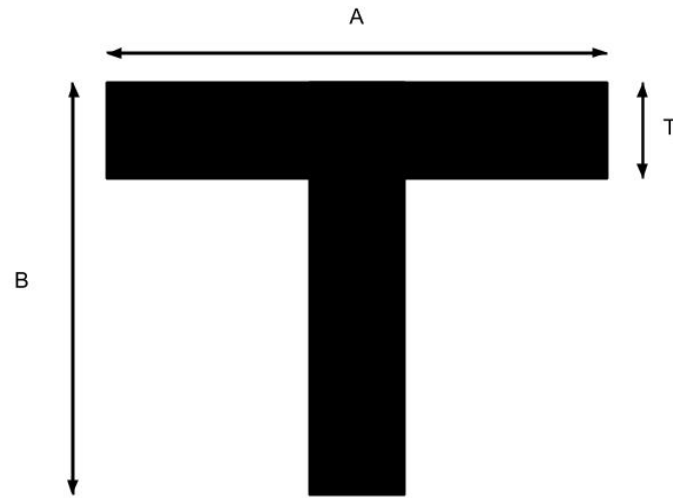
Structural Angles Unequal Legs



DIE	A	B	T	WT/FT
3646	.500	.750	.125	.166
2849	.750	1.000	.125	.240
5427	.750	1.250	.125	.289
*4542	.750	2.000	.125	.393
2437	1.000	1.500	.125	.355
2044	1.000	2.000	.187	.625
3291	1.250	1.500	.187	.580
3535	1.250	1.750	.125	.440
1328	1.250	2.000	.187	.679
3674	1.500	1.750	.156	.752
1285	1.500	2.000	.100	.408
255	1.500	2.000	.125	.510
1555	1.500	2.000	.156	.612
2571	1.500	2.000	.187	.738

2689	1.500	2.000	.250	.974
3325	1.500	2.500	.125	.586
3691	1.500	3.250	.125	.694
4735	1.750	2.000	.250	1.048
2552	2.000	2.500	.187	.971
2579	2.000	2.500	.250	1.258
2551	2.000	3.000	.187	1.084
1270	2.000	3.000	.250	1.408
3210	2.500	3.000	.312	1.898
3222	2.500	3.000	.375	2.253
3084	3.000	4.000	.250	1.990

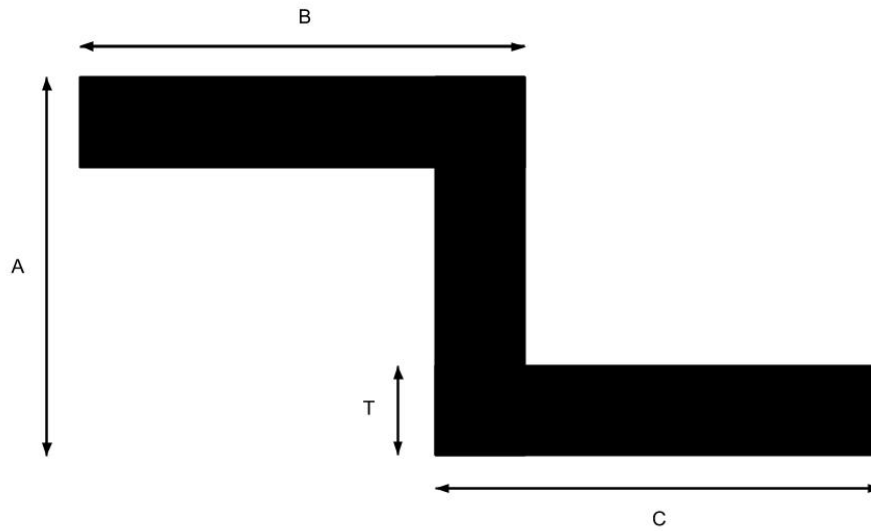
T-Sections



DIE	A	B	T	WT/FT
1230	.815	.625	.125	.206
3235	1.000	1.000	.125	.281
4045	1.000	2.000	.075	.263
4608	1.000	2.000	.188	.634
998	1.250	1.250	.187	.517
4348	1.500	1.000	.080	.232
186	1.500	1.500	.250	.826
1686	1.500	3.750	.250	1.500
1670	1.625	1.250	.250	.787
1740	1.625	1.500	.188	.662
1790	1.750	1.250	.250	.826
831	1.750	1.750	.187	.642
1291	2.000	1.000	.187	.631

3054	2.000	2.000	.125	.581
1885	2.000	2.000	.187	.856
2558	2.000	2.000	.250	1.125
2207 ST	2.000	2.000	.250/.312	1.340
4726	2.000	4.000	.250	1.725
3166	2.500	2.000	.125	.656
4819 BC	2.750	1.500	.250	1.200
2206 ST	2.750	2.437	.312/.500	2.380
4820 BC	2.750	6.250	.250	2.625
5082 BC	3.000	2.000	.375	2.081
1755	3.000	3.000	.187	1.304
1561 ST	4.000	2.000	.187	1.321
1696	4.000	3.000	.375	2.981

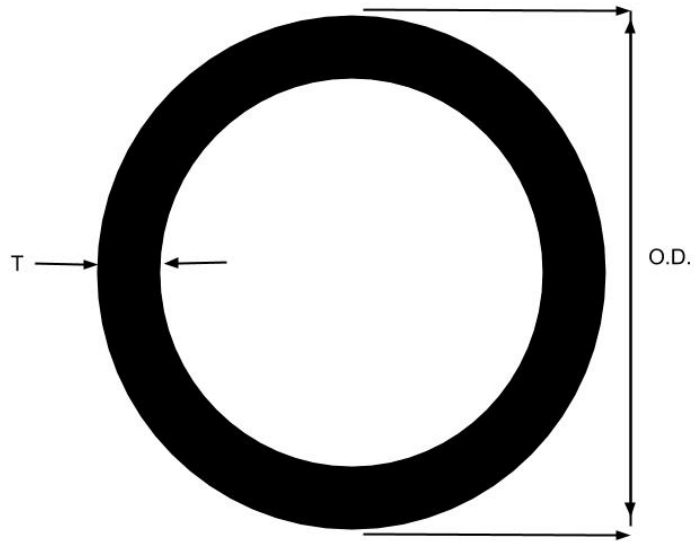
Z-Sections



DIE	A	B	C	T	WT/FT
5184	.625	.625	.500	.125	.206
*4754	.750	.625	.625	*.125	.293
4878	.828	.688	.688	.063	.157
1588	1.000	.750	.750	.050	.148
1746	1.000	1.000	1.250	.093	.328
2115	1.000	1.125	1.125	.125	.450
1713	1.125	.518	.518	.050	.116
1711	1.125	.750	.880	.125	.376
5177	1.125	1.125	.750	.125	.431
2102	1.125	1.250	1.125	.125	.370
3825 BC	1.187	.750	.750	.125	.328
3654	1.250	1.062	.437	.062	.195

2834	1.250	1.500	1.500	.250	1.125
4914	1.500	1.000	1.000	.125	.338
2835	1.500	1.500	1.500	.250	1.201
2840	1.562	1.688	.250	.065	263
1782	1.645	.750	.750	.050	.182
3608 FR	1.875	1.250	1.250	.250	1.177
1699	2.500	1.500	1.500	.187	1.150
5253	3.000	2.687	2.687	.250	2.362

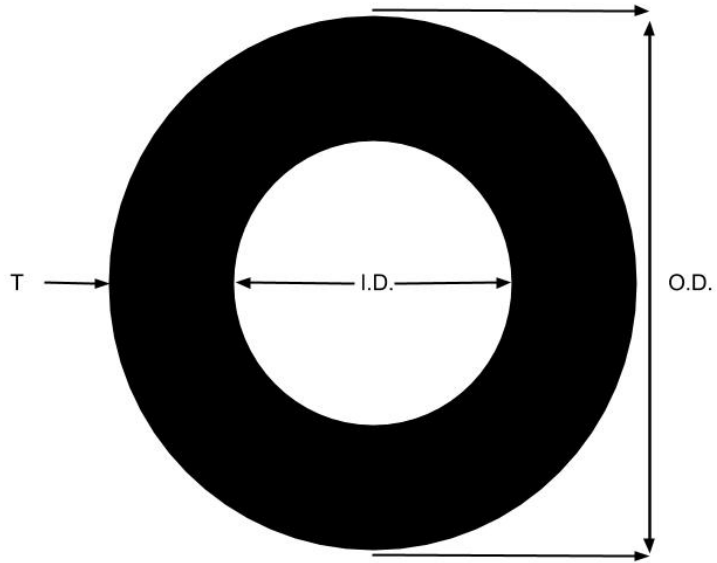
Round Tubing



DIE	OD	ID	T	WT/FT
H7633	.750	.584	.083	.209
H7493	.750	.626	.062	.161
H4937	.812	.609	.102	.358
H5247	.993	.750	.122	.412
H3270	.960	.390	.285	.726
H7270	1.000	.750	.125	.413
H7702	1.000	.820	.090	.308
H1610	1.000	.870	.065	.225
H3534	1.031	.390	.320	.800
H7750	1.250	1.000	.125	.530
H5316	1.300	.814	.243	.968
H3753	1.340	.600	.370	1.340

H1627	1.410	1.276	.067	.338
H2955	1.452	1.148	.152	.745
H2956	1.452	.932	.260	1.169
H7243	1.500	1.250	.125	.648
H1189	1.625	1.001	.312	1.546
H3378	1.625	1.095	.265	1.358
H5058	1.658	1.276	.191	1.056
H2083	1.792	1.356	.218	1.294
H4817	1.875	1.615	.130	.855
H3114	1.875	1.156	.360	2.052
H2131	1.890	1.730	.080	.550
H6819	2.000	1.750	.125	.884
H4912	2.000	1.810	.095	.682
H5386	2.000	1.376	.312	1.985
H5194	2.000	1.340	.330	2.079
H3115	2.000	1.156	.422	2.509
H1822	2.046	1.796	.125	.905
H3163	2.375	2.157	.109	.913
H3187	2.625	2.185	.220	1.994
H6128	3.000	2.750	.125	1.355
H4549	3.250	2.830	.210	2.406

Schedule Pipe



Die	Pipe Size	OD	ID	T	WT/FT
P7566	3/8 - SCH 40	.675	.493	.091	0.196
P7567	1/2 - SCH 40	.840	.622	.109	0.294
P2441	3/4 - SCH 10	1.050	.884	.083	0.297
P1196	3/4 - SCH 40	1.050	.824	.113	0.391
P2426	1 - SCH 40	1.315	1.049	.133	0.581
P1206	1 1/4 - SCH 40	1.660	1.380	.140	0.786
P4555	1 1/4 - SCH 80	1.660	1.278	.191	1.037
P1569	1 1/2 - SCH 10	1.900	1.682	.109	0.721
P1207	1 1/2 - SCH 40	1.900	1.610	.145	0.94
P1204	1 1/2 - SCH 80	1.900	1.500	.200	1.256

P3163	2 – SCH 10	2.375	2.157	.109	0.913
P1402	2 – SCH 40	2.375	2.087	.154	1.264
P1403	2 – SCH 80	2.375	1.939	.218	1.737
P2800	2 ½ - SCH 40	2.875	2.469	.203	2.045
P7636	3 – SCH 40	3.500	3.068	.216	2.621
P7637	3 ½ - SCH 40	4.000	3.548	.226	3.151