

Pipe & Tube Supply - 501.372.6556

Catalog Page 1

ROUND CARBON STEEL MECHANICAL TUBING

ASTM A-519 H.F. 1026 SEAMLESS H.F. 4140 Q&T C.D. 1018		ASTM A-513 E.W. DOM	ASTM A-512 C.D. BUTTWELD
Wall Thickness	Theoretical I.D.	Weight Per Ft.	
1/8" OUTSIDE DIAMETER			
.028	.069	.0290	
.032	.061	.0318	
.035	.055	.0336	
5/32" OUTSIDE DIAMETER			
.035	.086	.0452	
3/16" OUTSIDE DIAMETER			
.022	.144	.0390	
.028	.132	.0478	
.032	.124	.0533	
.035	.118	.0572	
.049	.090	.0727	
.058	.072	.0805	
.065	.058	.0854	
7/32" OUTSIDE DIAMETER			
.032	.155	.0639	
1/4" OUTSIDE DIAMETER			
.022	.206	.0536	
.028	.194	.0664	
.032	.186	.0745	
.035	.180	.0804	
.049	.152	.1052	
.058	.134	.1189	
.065	.120	.1284	
.083	.084	.1480	
.095	.060	.1573	
5/16" OUTSIDE DIAMETER			
.022	.269	.0684	
.028	.257	.0852	
.032	.249	.0960	
.035	.243	.1039	
.049	.215	.1382	
.058	.197	.1580	
.065	.183	.1722	
.083	.147	.2039	
.095	.123	.2212	
.109	.095	.2375	
.120	.073	.2473	
3/8" OUTSIDE DIAMETER			
.022	.331	.0829	
.028	.319	.1038	
.032	.311	.1172	
.035	.305	.1271	
.049	.277	.1706	
.058	.259	.1964	
.065	.245	.2152	
.083	.209	.2588	
.095	.185	.2841	
.109	.157	.3097	
.120	.135	.3268	
.405" * OUTSIDE DIAMETER			
.068	*40	.2447	
.095	*80	.3145	
7/16" OUTSIDE DIAMETER			

.028	.382	.1226
.032	.374	.1388
.035	.368	.1506
.049	.339	.2036
.058	.322	.2354
.065	.308	.2589
.083	.272	.3147
.095	.248	.3480
.109	.220	.3830
.120	.198	.4075

1/2" OUTSIDE DIAMETER

.022	.456	.1123
.028	.444	.1411
.032	.436	.1599
.035	.430	.1738
.049	.402	.2360
.058	.384	.2738
.065	.370	.3020
.083	.334	.3696
.095	.310	.4109
.109	.282	.4552
.120	.260	.4870
.134	.232	.5238
.156	.188	.5731
.188	.124	.6264

.540" * OUTSIDE DIAMETER

.088	*40	.4248
.119	*80	.5351

9/16" OUTSIDE DIAMETER

.022	.519	.1271
.028	.507	.1600
.032	.499	.1815
.035	.493	.1974
.049	.465	.2690
.058	.447	.3128
.065	.433	.3427
.083	.397	.4255
.095	.373	.4748
.109	.345	.5285
.120	.323	.5677
.156	.251	.6781
.188	.187	.7529

5/8" OUTSIDE DIAMETER

.028	.569	.1785
.032	.561	.2027
.035	.555	.2205
.049	.527	.3014
.058	.509	.3512
.065	.495	.3888
.083	.459	.4805
.095	.435	.5377
.109	.407	.6007
.120	.385	.6472
.134	.357	.7027
.156	.313	.7814
.219	.187	.9496
.250	.125	1.001

.675" * OUTSIDE DIAMETER

.091	*40	.5676
.126	*80	.7388

11/16" OUTSIDE DIAMETER

.035	.618	.2441
.049	.590	.3344
.065	.558	.4325
.083	.522	.5363
.095	.498	.6017
.109	.470	.6740
.120	.448	.7279
.134	.420	.7928
.156	.375	.8864
.188	.313	1.004

3/4" OUTSIDE DIAMETER

.035	.680	.2673
.049	.652	.3668

.058	.634	.4287
.065	.620	.4755
.083	.584	.5913
.095	.560	.6646
.109	.532	.7462
.120	.510	.8074
.134	.482	.8816
.156	.438	.9897
.188	.374	1.128
.219	.312	1.242
.250	.250	1.335

13/16" OUTSIDE DIAMETER

.156	.500	1.095
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.840" * OUTSIDE DIAMETER

.109	*40	.8510
.147	*80	1.088
.187	*160	1.304
.294	*XXHY	1.714

7/8" OUTSIDE DIAMETER

.028	.819	.2533
.035	.805	.3140
.049	.777	.4323
.058	.759	.5061
.065	.745	.5623
.083	.709	.7021
.095	.685	.7914
.109	.657	.8917
.120	.635	.9676
.125	.625	1.001
.134	.607	1.061
.156	.562	1.198
.188	.499	1.379
.219	.437	1.534
.250	.375	1.669
.313	.249	1.879

15/16" OUTSIDE DIAMETER

.035	.868	.3375
.049	.840	.4652
.065	.808	.6060
.083	.772	.7579
.095	.748	.8553
.109	.720	.9651
.120	.698	1.048
.188	.562	1.506

1" OUTSIDE DIAMETER

.035	.930	.3607
.042	.916	.4297
.049	.902	.4977
.058	.884	.5835
.065	.870	.6491
.083	.834	.8129
.095	.810	.9182
.109	.782	1.037
.120	.760	1.128
.134	.732	1.239
.156	.688	1.406
.188	.625	1.630
.219	.562	1.827
.250	.500	2.003
.281	.438	2.158
.313	.374	2.297
.375	.250	2.503

1.050" * OUTSIDE DIAMETER

.113	*40	1.131
.154	*80	1.474
.218	*160	1.937
.308	*XXHY	2.441

1-1/16" OUTSIDE DIAMETER

.065	.933	.6928
.083	.897	.8687
.095	.873	.9821
.120	.823	1.209
.156	.751	1.511
.188	.687	1.757

.219	.625	1.974
.250	.563	2.171
.375	.313	2.755

1-1/8" OUTSIDE DIAMETER

.035	1.055	.4074
.049	1.027	.5631
.058	1.009	.6609
.065	.995	.7359
.083	.959	.9237
.095	.935	1.045
.120	.885	1.288
.125	.875	1.335
.156	.812	1.614
.188	.749	1.881
.219	.687	2.119
.250	.625	2.336
.313	.500	2.714
.375	.375	3.004

1-3/16" OUTSIDE DIAMETER

.065	1.058	.7796
.083	1.022	.9795
.095	.998	1.109
.120	.948	1.369
.156	.875	1.719
.188	.812	2.008
.219	.750	2.266
.250	.688	2.505
.313	.562	2.925

1-1/4" OUTSIDE DIAMETER

.065	1.120	.8226
.083	1.084	1.035
.095	1.060	1.172
.109	1.032	1.328
.120	1.010	1.448
.125	1.000	1.502
.135	.982	1.597
.156	.937	1.823
.188	.875	2.132
.219	.812	2.411
.250	.750	2.670
.281	.688	2.908
.313	.624	3.132
.344	.562	3.329
.375	.500	3.504
.438	.375	3.798

1-5/16" OUTSIDE DIAMETER

.065	1.183	.8664
.095	1.123	1.236
.120	1.072	1.529
.125	1.063	1.586
.134	1.045	1.687
.156	1.000	1.928

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ROUND CARBON STEEL MECHANICAL TUBING

	ASTM A-519	ASTM A-513	ASTM A-512
H.F. 1026	Seamless	E.W. DOM	C.D. Buttweld
H.F. 4140 Q&T	C.D. 1018		

Wall Thickness	Theoretical I.D.	Weight Per Ft.
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1-5/16" O.D. (Continued)

.188	.937	2.259
.219	.875	2.559
.250	.813	2.838
.313	.687	3.343
.375	.563	3.757

1.315" * OUTSIDE DIAMETER

.133	*40	1.679
.179	*80	2.172
.250	*160	2.844
.358	*XXHY	3.659

1-3/8" OUTSIDE DIAMETER

.035	1.305	.5009
.049	1.277	.6939
.065	1.245	.9094
.095	1.185	1.299
.109	1.157	1.474
.120	1.135	1.608
.156	1.063	2.031
.188	1.000	2.383
.219	.937	2.704
.250	.875	3.004
.281	.813	3.283
.313	.750	3.550
.375	.625	4.005
.438	.499	4.383
.500	.375	4.673

1-7/16" OUTSIDE DIAMETER

.065	1.308	.9531
.120	1.198	1.689
.156	1.126	2.136
.188	1.062	2.510
.250	.938	3.172

1-1/2" OUTSIDE DIAMETER

.035	1.430	.5476
.049	1.402	.7593
.065	1.370	.9962
.095	1.310	1.426
.109	1.282	1.619
.120	1.260	1.769
.125	1.250	1.836
.134	1.232	1.955
.156	1.188	2.239
.188	1.124	2.634
.219	1.062	2.996
.250	1.000	3.338
.313	.875	3.968
.375	.750	4.506
.438	.624	4.968
.500	.500	5.340

1-9/16" OUTSIDE DIAMETER

.065	1.433	1.040
.120	1.323	1.849
.156	1.250	2.344
.188	1.187	2.761
.250	1.063	3.506

.375	.813	4.758
1-5/8" OUTSIDE DIAMETER		
.065	1.495	1.083
.095	1.435	1.552
.109	1.407	1.765
.120	1.385	1.929
.134	1.357	2.134
.156	1.312	2.448
.188	1.250	2.885
.250	1.125	3.671
.281	1.063	4.033
.313	1.000	4.386
.375	.875	5.006
.500	.625	6.008
1.660" * OUTSIDE DIAMETER		
.140	*40	2.273
.191	*80	2.997
.250	*160	3.765
.382	*XXHY	5.214
1-11/16" OUTSIDE DIAMETER		
.120	1.448	2.010
.156	1.375	2.552
.188	1.312	3.012
.250	1.188	3.840
1-3/4" OUTSIDE DIAMETER		
.065	1.620	1.170
.083	1.584	1.478
.095	1.560	1.679
.109	1.532	1.910
.120	1.510	2.089
.125	1.500	2.169
.134	1.482	2.313
.156	1.438	2.656
.188	1.375	3.136
.219	1.312	3.581
.250	1.250	4.005
.281	1.188	4.409
.313	1.125	4.804
.375	1.000	5.507
.438	.875	6.137
.500	.750	6.675
.563	.625	7.137
.625	.500	7.509
1-13/16" OUTSIDE DIAMETER		
.085	1.643	1.569
.120	1.573	2.170
.188	1.437	3.263
.250	1.313	4.173
1-7/8" OUTSIDE DIAMETER		
.065	1.745	1.257
.083	1.709	1.589
.095	1.685	1.806
.109	1.657	2.056
.120	1.635	2.249
.125	1.625	2.336
.156	1.563	2.864
.188	1.500	3.387
.219	1.438	3.873
.250	1.375	4.339
.281	1.313	4.784
.313	1.250	5.222
.375	1.125	6.008
.438	1.000	6.722
.500	.875	7.343
1.900" * OUTSIDE DIAMETER		
.145	*40	2.718
.200	*80	3.631
.281	*160	4.859
.400	*XXHY	6.408
1-15/16" OUTSIDE DIAMETER		
.125	1.688	2.420
.250	1.438	4.507
.375	1.188	6.260

2" OUTSIDE DIAMETER

.065	1.870	1.343
.095	1.810	1.933
.109	1.782	2.201
.120	1.760	2.409
.125	1.750	2.503
.134	1.732	2.671
.156	1.687	3.072
.188	1.625	3.638
.219	1.562	4.166
.250	1.500	4.673
.281	1.438	5.159
.313	1.375	5.639
.344	1.312	6.084
.375	1.250	6.508
.438	1.125	7.307
.500	1.000	8.010
.563	.874	8.641
.625	.750	9.178
.688	.625	9.640
.750	.500	10.01

2-1/8" OUTSIDE DIAMETER

.095	1.935	2.060
.120	1.885	2.570
.156	1.813	3.281
.188	1.749	3.889
.250	1.625	5.006
.281	1.563	5.534
.313	1.500	6.057
.375	1.375	7.009
.438	1.250	7.892
.563	1.000	9.392
.625	.875	10.01

2-1/4" OUTSIDE DIAMETER

.095	2.060	2.187
.120	2.010	2.730
.125	2.000	2.837
.134	1.982	3.028
.156	1.937	3.489
.188	1.875	4.140
.219	1.813	4.750
.250	1.750	5.340
.281	1.688	5.909
.313	1.625	6.475
.375	1.500	7.509
.438	1.375	8.476
.500	1.250	9.345
.563	1.124	10.14
.625	1.000	10.85
.750	.750	12.02

2-5/16" OUTSIDE DIAMETER

.188	1.938	4.267
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2-3/8" OUTSIDE DIAMETER

.065	2.245	1.604
.095	2.184	2.313
.120	2.135	2.890
.156	2.063	3.697
.188	2.000	4.391
.219	1.937	5.043
.250	1.875	5.674
.313	1.749	6.893
.375	1.625	8.010
.438	1.500	9.061
.500	1.376	10.01
.563	1.249	10.90
.625	1.125	11.68
.750	.875	13.02

2.375" * OUTSIDE DIAMETER

.154	*40	3.653
.218	*80	5.022
.343	*160	7.444
.436	*XXHY	9.029

2-1/2" OUTSIDE DIAMETER

.065	2.370	1.690
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.095	2.310	2.440
.109	2.282	2.783
.120	2.260	3.050
.125	2.250	3.171
.134	2.232	3.386
.156	2.187	3.905
.188	2.125	4.642
.219	2.062	5.335
.250	2.000	6.008
.281	1.937	6.659
.313	1.875	7.311
.344	1.812	7.921
.375	1.750	8.511
.438	1.625	9.646
.500	1.500	10.68
.563	1.374	11.65
.625	1.250	12.52
.750	1.000	14.02

2-5/8" OUTSIDE DIAMETER

.065	2.495	1.777
.095	2.435	2.567
.120	2.385	3.210
.156	2.313	4.114
.188	2.250	4.893
.219	2.188	5.627
.250	2.125	6.341
.313	2.000	7.729
.375	1.875	9.011
.438	1.750	10.23
.500	1.625	11.35
.625	1.375	13.35

2-3/4" OUTSIDE DIAMETER

.095	2.560	2.694
.120	2.510	3.371
.125	2.500	3.504
.134	2.482	3.744
.156	2.438	4.322
.188	2.375	5.144
.219	2.312	5.920
.250	2.250	6.675
.281	2.188	7.410
.313	2.125	8.147
.344	2.063	8.839
.375	2.000	9.512
.438	1.874	10.82
.500	1.750	12.02
.563	1.624	13.15
.625	1.500	14.18
.750	1.250	16.02
.875	1.000	17.52
1.000	.750	18.69

*I.P.S. Schedule ASTM-A-53 / A-105
Some Sizes Available in Honed I.D.

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ROUND CARBON STEEL MECHANICAL TUBING

	ASTM A-519	ASTM A-513	ASTM A-512
H.F. 1026	Seamless	E.W. DOM	C.D. Buttweid
H.F. 4140 Q&T	C.D. 1018		

Wall Thickness	Theoretical I.D.	Weight Per Ft.
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2-13/16" OUTSIDE DIAMETER

.156	2.501	4.427
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2-7/8" OUTSIDE DIAMETER

.065	2.745	1.951
.095	2.685	2.821
.120	2.635	3.531
.125	2.625	3.671
.156	2.563	4.530
.188	2.500	5.395
.219	2.437	6.212
.250	2.375	7.009
.281	2.313	7.785
.313	2.250	8.654
.375	2.125	10.01
.438	1.999	11.40
.500	1.875	12.68
.563	1.750	13.90
.625	1.625	15.02

2.875" * OUTSIDE DIAMETER

.203	*40	5.793
.276	*80	7.661
.375	*160	10.01
.552	*XXHY	13.70

3" OUTSIDE DIAMETER

.083	2.834	2.586
.095	2.810	2.947
.109	2.782	3.365
.120	2.760	3.691
.125	2.750	3.838
.134	2.732	4.102
.156	2.687	4.738
.188	2.625	5.646
.219	2.562	6.505
.250	2.500	7.343
.281	2.438	8.160
.284	2.432	8.238
.313	2.375	8.982
.375	2.250	10.51
.438	2.125	11.98
.500	2.000	13.35
.563	1.874	14.65
.625	1.750	15.85
.688	1.624	16.99
.750	1.500	18.02
.875	1.250	19.86
1.000	1.000	21.36

3-1/8" OUTSIDE DIAMETER

.120	2.885	3.851
.188	2.750	5.897
.219	2.687	6.797
.250	2.625	7.676
.313	2.500	9.400
.375	2.375	11.01
.438	2.249	12.57
.500	2.125	14.02
.563	1.999	15.40

.625	1.875	16.69
.750	1.625	19.02
1.000	1.125	22.70

3-1/4" OUTSIDE DIAMETER

.083	3.084	2.807
.095	3.060	3.201
.109	3.032	3.657
.120	3.010	4.011
.125	3.000	4.172
.156	2.938	5.155
.188	2.875	6.148
.219	2.812	7.089
.250	2.750	8.010
.313	2.625	9.818
.375	2.500	11.51
.438	2.374	13.15
.500	2.250	14.69
.563	2.124	16.16
.625	2.000	17.52
.750	1.750	20.03
.875	1.500	22.19
1.000	1.250	24.03

3-3/8" OUTSIDE DIAMETER

.120	3.135	4.172
.188	3.000	6.399
.250	2.875	8.344
.313	2.749	10.24
.375	2.625	12.02
.438	2.499	13.74
.500	2.375	15.35
.625	2.175	18.36
.750	1.875	21.03
1.000	1.375	25.37

3-1/2" OUTSIDE DIAMETER

.095	3.310	3.455
.120	3.260	4.332
.125	3.250	4.506
.134	3.232	4.817
.156	3.187	5.571
.188	3.125	6.650
.250	3.000	8.678
.313	2.875	10.65
.375	2.750	12.52
.438	2.624	14.32
.500	2.500	16.02
.563	2.374	17.66
.625	2.250	19.19
.750	2.000	22.03
.875	1.750	24.53
1.000	1.500	26.70

3.500" * OUTSIDE DIAMETER

.216	*40	7.576
.300	*80	10.25
.437	*160	14.32
.600	*XXHY	18.58

3-5/8" OUTSIDE DIAMETER

.188	3.250	6.901
.250	3.125	9.011
.313	3.000	11.07
.375	2.875	13.02
.438	2.749	14.91
.500	2.625	16.69
.563	2.499	18.41
.625	2.375	20.03
.750	2.125	23.03
1.000	1.625	28.04

3-3/4" OUTSIDE DIAMETER

.120	3.510	4.652
.125	3.500	4.839
.156	3.438	5.988
.188	3.374	7.152
.250	3.250	9.345
.313	3.125	11.49
.375	3.000	13.52
.438	2.874	15.49

.500	2.750	17.36
.625	2.500	20.86
.750	2.250	24.03
.875	2.000	26.87
1.000	1.750	29.37

3-7/8" OUTSIDE DIAMETER

.120	3.635	4.812
.188	3.499	7.403
.219	3.438	8.551
.250	3.375	9.679
.313	3.249	11.91
.375	3.125	14.02
.438	2.999	16.08
.500	2.875	18.02
.625	2.625	21.69
.750	2.375	25.03

4" OUTSIDE DIAMETER

.095	3.810	3.962
.120	3.760	4.973
.125	3.750	5.173
.134	3.732	5.533
.156	3.688	6.404
.188	3.625	7.654
.219	3.562	8.844
.250	3.500	10.01
.313	3.375	12.33
.375	3.250	14.52
.438	3.124	16.66
.500	3.000	18.69
.563	2.874	20.67
.625	2.750	22.53
.750	2.500	26.03
.875	2.250	29.20
1.000	2.000	32.04
1.250	1.500	36.71

4.000" * OUTSIDE DIAMETER

.226	*40	9.109
.318	*80	12.51
.636	*XXHY	22.85

4-1/8" OUTSIDE DIAMETER

.188	3.749	7.905
.250	3.625	10.35
.313	3.500	12.74
.375	3.375	15.02
.438	3.249	17.25
.500	3.125	19.36
.563	2.999	21.42
.625	2.875	23.36
.750	2.625	27.03
.875	2.375	30.37

4-1/4" OUTSIDE DIAMETER

.095	4.060	4.216
.125	4.000	5.507
.188	3.874	8.156
.250	3.750	10.68
.313	3.625	13.16
.375	3.500	15.52
.438	3.375	17.83
.500	3.250	20.03
.563	3.124	22.17
.625	3.000	24.20
.750	2.750	28.04
.875	2.500	31.54
1.000	2.250	34.71

4-3/8" OUTSIDE DIAMETER

.188	3.999	8.407
.250	3.875	11.01
.313	3.749	13.58
.375	3.625	16.02
.438	3.500	18.42
.500	3.375	20.69
.625	3.125	25.03
.750	2.875	29.04
1.000	2.375	36.05

4-1/2" OUTSIDE DIAMETER		
.120	4.260	5.613
.125	4.250	5.841
.188	4.125	8.658
.219	4.062	10.01
.250	4.000	11.35
.313	3.875	14.00
.375	3.750	16.52
.438	3.624	19.00
.500	3.500	21.36
.563	3.375	23.67
.625	3.250	25.87
.688	3.124	28.01
.750	3.000	30.04
.875	2.750	33.88
1.000	2.500	37.38
1.500	1.500	48.06

4.500" * OUTSIDE DIAMETER		
.237	*40	10.79
.337	*80	14.98
.437	*120	19.01
.531	*160	22.51
.674	*XXHY	27.54

4-5/8" OUTSIDE DIAMETER		
.188	4.249	8.909
.250	4.125	11.68
.313	4.000	14.41
.375	3.875	17.02
.500	3.625	22.03
.625	3.375	26.70
1.000	2.625	38.72

4-3/4" OUTSIDE DIAMETER		
.125	4.500	6.174
.156	4.438	7.564
.188	4.374	9.160
.250	4.250	12.02
.313	4.125	14.83
.375	4.000	17.52
.438	3.875	20.17
.500	3.750	22.70
.625	3.500	27.53
.750	3.250	32.04
.875	3.000	36.21
1.000	2.750	40.05

4-7/8" OUTSIDE DIAMETER		
.313	4.249	15.25
.375	4.125	18.02
.500	3.875	23.36
.750	3.375	33.04
1.000	2.875	41.39

5" OUTSIDE DIAMETER		
.120	4.760	6.254
.125	4.750	6.508
.134	4.732	6.964

*I.P.S. Schedule ASTM-A-53 / A-106
Some Sizes Available in Honed I.D.

Pipe & Tube Supply - 501.372.6556

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ROUND CARBON STEEL MECHANICAL TUBING

	ASTM A-519	ASTM A-513	ASTM A-512
H.F. 1026	Seamless	E.W. DOM	C.D. Buttweld
H.F. 4140 Q&T	C.D. 1018		

Wall Thickness	Theoretical I.D.	Weight Per Ft.
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5" O.D. (Continued)

.188	4.625	9.662
.250	4.500	12.68
.313	4.375	15.67
.375	4.250	18.52
.438	4.124	21.34
.500	4.000	24.03
.563	3.875	26.68
.625	3.750	29.20
.750	3.500	34.04
.875	3.250	38.55
1.000	3.000	42.70
1.250	2.500	50.06
1.500	2.000	56.07

5-1/8" OUTSIDE DIAMETER

.313	4.500	16.09
.375	4.375	19.02
.500	4.125	24.70
.625	3.875	30.04
1.000	3.125	44.06

5-1/4" OUTSIDE DIAMETER

.120	5.010	6.575
.125	5.000	6.842
.156	4.938	8.487
.188	4.875	10.16
.250	4.750	13.35
.313	4.625	16.50
.375	4.500	19.52
.500	4.250	25.37
.625	4.000	30.87
.750	3.750	36.05
.875	3.500	40.88
1.000	3.250	45.39

5-1/2" OUTSIDE DIAMETER

.120	5.260	6.895
.125	5.250	7.176
.134	5.232	7.679
.156	5.188	8.904
.188	5.125	10.67
.250	5.000	14.02
.313	4.875	17.34
.375	4.750	20.53
.500	4.500	26.70
.625	4.250	32.54
.750	4.000	38.05
.875	3.750	43.22
1.000	3.500	48.06
1.250	3.000	56.74
1.500	2.500	64.08

5.563" *OUTSIDE DIAMETER

.258	*40	14.62
.375	*80	20.78
.500	*120	27.04
.625	*160	32.96
.750	*XXHY	38.55

5-5/8" OUTSIDE DIAMETER

.500	4.625	27.37
5-3/4" OUTSIDE DIAMETER		
.188	5.375	11.17
.250	5.250	14.69
.313	5.125	18.18
.375	5.000	21.53
.500	4.750	28.04
.625	4.500	34.21
.750	4.250	40.05
1.000	3.750	50.73
6" OUTSIDE DIAMETER		
.125	5.750	7.843
.188	5.625	11.67
.250	5.500	15.35
.313	5.375	19.01
.375	5.250	22.53
.438	5.125	26.02
.500	5.000	29.37
.625	4.750	35.88
.750	4.500	42.05
.875	4.250	47.89
1.000	4.000	53.40
1.250	3.350	63.41
1.500	3.000	72.09
6-1/4" OUTSIDE DIAMETER		
.250	5.750	16.02
.375	5.500	23.53
.500	5.250	30.71
.625	5.000	37.55
.750	4.750	44.06
1.000	4.250	56.07
6-1/2" OUTSIDE DIAMETER		
.188	6.124	12.67
.250	6.000	16.69
.375	5.750	24.53
.438	5.624	28.36
.500	5.500	32.04
.625	5.250	39.22
.750	5.000	46.06
1.000	4.500	58.74
1.500	3.500	80.10
6-5/8" OUTSIDE DIAMETER		
.250	6.125	17.02
.313	6.000	21.10
.375	5.875	25.03
1.000	4.625	60.08
6.625" *OUTSIDE DIAMETER		
.280	*40	18.97
.432	*80	28.57
.562	*120	36.39
.718	*160	45.30
.864	*XXHY	53.16
6-3/4" OUTSIDE DIAMETER		
.250	6.250	17.36
.375	6.000	25.53
.438	5.874	29.53
.500	5.750	33.38
.625	5.500	40.88
.750	5.250	48.06
.875	5.000	54.90
1.000	4.750	61.41
7" OUTSIDE DIAMETER		
.188	6.625	13.68
.250	6.500	18.02
.375	6.250	26.53
.500	6.000	34.71
.625	5.750	42.55
.750	5.500	50.06
1.000	5.000	64.08
1.500	4.000	88.11
7-1/4" OUTSIDE DIAMETER		
.250	6.750	18.69

.375	6.500	27.53
.500	6.250	36.05
.625	6.000	44.22
.750	5.750	52.07
1.000	5.250	66.75

7-1/2" OUTSIDE DIAMETER

.188	7.124	14.68
.250	7.000	19.36
.375	6.750	28.54
.500	6.500	37.38
.625	6.250	45.89
.750	6.000	54.07
1.000	5.500	69.42
1.500	4.500	96.12

7-5/8" OUTSIDE DIAMETER

.313	7.000	24.44
.500	6.625	38.05
.625	6.375	46.73

7-3/4" OUTSIDE DIAMETER

.250	7.250	20.03
.375	7.000	29.54
.500	6.750	38.72
.625	6.500	47.56
1.000	5.750	72.09

8" OUTSIDE DIAMETER

.188	7.625	15.69
.250	7.500	20.69
.313	7.375	25.70
.375	7.250	30.54
.500	7.000	40.05
.625	6.750	49.23
.750	6.500	58.07
1.000	6.000	74.76
1.250	5.500	90.11
1.500	5.000	104.1

8-1/4" OUTSIDE DIAMETER

.250	7.750	21.36
.313	7.624	26.53
.500	7.250	41.39
.625	7.000	50.90
.750	6.750	60.08
1.000	6.250	77.43

8-1/2" OUTSIDE DIAMETER

.250	8.000	22.03
.375	7.750	32.54
.500	7.500	42.72
.750	7.000	62.08
.875	6.750	71.26
1.000	6.500	80.10
1.250	6.000	96.79
1.500	5.500	112.1

8.625" * OUTSIDE DIAMETER

.250	*20	22.36
.322	*40	28.55
.500	*80	43.39
.718	*120	60.93
.875	*XXHY	72.42
.906	*160	74.69
1.000	*	81.44
1.227	*	96.94
1.500	*	114.4

8-3/4" OUTSIDE DIAMETER

.375	8.000	33.54
.500	7.750	44.06
.750	7.250	64.08
1.000	6.750	82.77
1.250	6.250	100.1
1.500	5.750	116.1

9" OUTSIDE DIAMETER

.250	8.500	23.36
.375	8.250	34.54
.500	8.000	45.39

.625	7.750	55.90
.750	7.500	66.08
1.000	7.000	85.44
1.250	6.500	103.5
1.500	6.000	120.2
9-1/4" OUTSIDE DIAMETER		
.313	8.625	29.88
.375	8.500	35.54
.625	8.000	57.57
.750	7.750	68.09
1.000	7.250	88.11
9-1/2" OUTSIDE DIAMETER		
.250	9.000	24.70
.375	8.750	36.55
.500	8.500	48.06
.750	8.000	70.09
1.000	7.500	90.78
1.125	7.250	100.6
1.500	6.500	128.2
9-3/4" OUTSIDE DIAMETER		
.500	8.750	49.40
.750	8.250	72.09
10" OUTSIDE DIAMETER		
.250	9.500	26.03
.375	9.250	38.55
.500	9.000	50.73
.625	8.750	62.58
.750	8.500	74.09
1.000	8.000	96.12
1.500	7.000	136.2
10-1/4" OUTSIDE DIAMETER		
.250	9.750	26.70
.375	9.500	39.55
.500	9.250	52.07
.750	8.750	76.10
1.000	8.250	98.79
10-1/2" OUTSIDE DIAMETER		
.250	10.000	27.37
.500	9.500	53.40
.750	9.000	78.10
.813	8.875	84.11
1.000	8.500	101.5
1.500	7.500	144.2
3.000	4.500	240.3
10.750" * OUTSIDE DIAMETER		
.250	*20	28.04
.307	*30	34.24
.365	*40	40.48
.500	*XHY	54.74
.593	*80	64.33
.718	*100	76.93

*I.P.S. Schedule ASTM-A-53 / A-106
Some Sizes Available in Honed I.D.

Pipe & Tube Supply - 501.372.6556

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ROUND CARBON STEEL MECHANICAL TUBING

ASTM-A-519 / A-513 / A-512

Wall Thickness	Theoretical I.D.	Weight Per Ft.
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10.750" * O.D. (Continued)

1.000	*140	104.1
1.125	*160	115.7
1.250	*	126.8
1.500	*	148.2

11" OUTSIDE DIAMETER

.375	10.250	42.55
.500	10.000	56.07
.750	9.500	82.10
1.000	9.000	106.8
1.500	8.000	152.2

11-1/4" OUTSIDE DIAMETER

.375	10.500	43.55
.500	10.250	57.41
.750	9.750	84.11
.875	9.500	96.95

11-1/2" OUTSIDE DIAMETER

.250	11.000	30.04
.500	10.500	58.74
.750	10.000	86.11
.875	9.750	99.29
1.000	9.500	112.1

11.750" * OUTSIDE DIAMETER

.375	*Std.	45.55
.500	*XHY	60.07
.750	*	88.11
1.000	*	114.8
1.250	*	140.2
1.500	*	164.2

12" OUTSIDE DIAMETER

.250	11.500	31.37
.375	11.250	46.56
.500	11.000	61.41
.750	10.500	90.11
1.000	10.000	117.5
1.500	9.000	168.2
2.000	8.000	213.6

12-1/4" OUTSIDE DIAMETER

1.000	10.250	120.2
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12-1/2" OUTSIDE DIAMETER

1.500	9.500	176.2
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12.750" * OUTSIDE DIAMETER

.250	*20	33.38
.330	*30	43.77
.375	*Std.	49.56
.406	*40	53.53
.500	*XHY	65.42
.562	*60	73.16
.687	*80	88.51
.843	*100	107.2
1.000	*120	125.5
1.125	*140	139.7
1.250	*	153.6
1.312	*160	160.3

1.500	*	180.2
2.000	*	229.6

Some Sizes Available in Honed I.D.
I.P.S. Schedule ASTM-A-53 / A-106

SEAMLESS & WELDED LOW CARBON STEEL HYDRAULIC TUBING
Cold Drawn...Dead Soft Annealed...SAE-J524 / SAE-J525...JIC Standards

Wall Thickness	BWG	Weight Per Ft.
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1/8" OUTSIDE DIAMETER		
.032	21	.032
.035	20	.034

3/16" OUTSIDE DIAMETER		
.035	20	.057

1/4" OUTSIDE DIAMETER		
.028	22	.066
.035	20	.080
.049	18	.105
.058	17	.119
.065	16	.128

5/16" OUTSIDE DIAMETER		
.035	20	.104
.049	18	.138

3/8" OUTSIDE DIAMETER		
.028	22	.104
.035	20	.127
.049	18	.171
.058	17	.196
.065	16	.215
.083	14	.259

1/2" OUTSIDE DIAMETER		
.035	20	.174
.049	18	.236
.065	16	.302
.072	15	.329
.083	14	.370
.095	13	.411

5/8" OUTSIDE DIAMETER		
.035	20	.221
.049	18	.301
.065	16	.389
.083	14	.481
.095	13	.538

3/4" OUTSIDE DIAMETER		
.035	20	.267
.049	18	.367
.065	16	.476
.083	14	.591
.095	13	.665
.109	12	.746

7/8" OUTSIDE DIAMETER		
.035	20	.314
.049	18	.432
.065	16	.562
.083	14	.702
.095	13	.791

1" OUTSIDE DIAMETER		
.049	18	.498
.065	16	.649
.083	14	.813
.095	13	.918
.109	12	1.04
.120	11	1.13

1-1/4" OUTSIDE DIAMETER
 .049 18 .629
 .065 16 .623
 .095 13 1.17
 .120 11 1.45

1-1/2" OUTSIDE DIAMETER
 .065 16 .996
 .095 13 1.43
 .109 12 1.62
 .120 11 1.77

2" OUTSIDE DIAMETER
 .109 12 2.20

SEAMLESS & WELDED BOILER & CONDENSER TUBES
ASTM-A-179 / SA-179 / A-214 / SA-214 / A-192 / A-178 / SA-178

Wall BWG	Thickness	Weight Per Ft.
5/8" OUTSIDE DIAMETER		
18	.049 ave.	.3014
16	.065 ave.	.3888
14	.083 ave.	.4805
3/4" OUTSIDE DIAMETER		
16	.065 ave.	.4755
16	.065 min.	.5214
14	.083 ave.	.5913
14	.083 min.	.6646
13	.095 ave.	.6646
12	.109 ave.	.7462
1" OUTSIDE DIAMETER		
16	.065 ave.	.6491
14	.083 min.	.9182
13	.095 ave.	.9182
13	.095 min.	1.037
12	.109 min.	1.168
10	.134 min.	1.347
1-1/4" OUTSIDE DIAMETER		
13	.095 min.	1.328
12	.109 min.	1.448
11	.120 min.	1.597
10	.134 min.	1.742
1-1/2" OUTSIDE DIAMETER		
13	.095 min.	1.619
12	.109 ave.	1.619
11	.120 min.	1.955
1-3/4" OUTSIDE DIAMETER		
13	.095 ave.	1.679
13	.095 min.	1.910
2" OUTSIDE DIAMETER		
13	.095 min.	2.201
12	.109 min.	2.409
11	.120 min.	2.670
10	.134 min.	2.927
9	.148 min.	3.234
8	.165 min.	3.499
6	.203 min.	4.182
2-1/2" OUTSIDE DIAMETER		
12	.105 min.	3.050
11	.120 min.	3.386
3" OUTSIDE DIAMETER		
12	.110 min.	3.691
11	.120 min.	4.102
3-1/4" OUTSIDE DIAMETER		
11	.120 min.	4.559

4" OUTSIDE DIAMETER

9	.148 min.	6.758
6	.203 min.	8.881

ave = average wall

min = minimum wall
