

STANDARD SHAPE OPEN DIES

April 1, 2021

TYPE OF SHAPE

BAR - SQUARE & RECTANGLE

ROUND ROD

U-CHANNEL

ANGLE - EQUAL LEG

ANGLE - UNEQUAL LEG

SQUARE TUBE

RECTANGULAR TUBE

ROUND TUBE & PIPE

I - BAR [Also Called H]

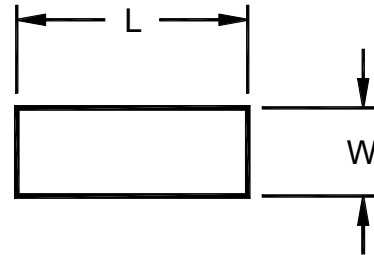
T - BAR

Z - BAR

HEX BAR & HEX TUB

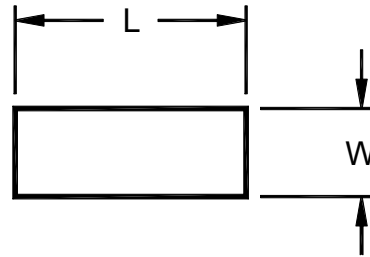
BAR - SQUARE & RECTANGLE

DIE #	W	L	RADIUS	WT/FT
KE10906	.125	1.000	.031	.149
KE8845	.125	1.000	.015	.150
KE2537	.125	1.250	.010	.188
KE8846	.125	1.500	.015	.225
KE2871	.125	1.750	.062	.258
NE0985	.125	2.000	.010	.300
KE7622	.125	2.250	.015	.338
NE1077	.125	3.000	.015	.450
KE8603	.125	5.250	.015	.788
IE0283	.181	.750	.010	.163
KE10266	.185	5.500	.032	1.220
KE8855	.187	1.500	.015	.338
KE7598	.187	1.500	.015	.338
KE8061	.188	1.000	.094	.216
KE8844	.188	1.000	.010	.226
KE3098	.188	1.000	.015	.226
KE8813	.188	1.250	.015	.282
KE8857	.188	1.750	.015	.395
NE1930	.188	2.000	.015	.450
KE8203	.188	2.500	.015	.564
KE3976	.188	3.000	.031	.676
KE9023	.188	4.000	.015	.900
KE7659	.188	4.250	.030	.958
KE7596	.188	5.500	.015	1.241
KE8858	.188	6.000	.015	1.354
KE3977	.188	8.500	.031	1.917
NE0992	.250	1.000	.015	.300
IE0700	.250	1.000	.015	.300
KE8843	.250	1.250	.015	.375
KE0763	.250	1.500	.010	.450
KE3869	.250	1.750	.015	.525
NE1844	.250	1.788	.010	.526
KE1007	.250	2.000	.015	.600
KE4697	.250	3.000	.010	.900
KE10154	.250	3.380	.015	1.014



BAR - SQUARE & RECTANGLE

DIE #	W	L	RADIUS	WT/FT
KE4855	.250	4.000	.015	1.200
KE10282	.250	4.750	.015	1.425
KE4856	.250	5.000	.015	1.500
KE4377	.250	6.000	.015	1.800
KE7885	.250	8.000	.015	2.400
KE4922	.250	9.000	.015	2.700
KE9661	.250	9.130	.015	2.739
KE11127	.375	.375	.062	.165
KE11118	.375	.375	.030	.168
KE11128	.375	1.000	.094	.441
KE11129	.375	1.250	.094	.553
KE11130	.375	1.500	.094	.666
KE3046	.375	2.000	.030	.899
KE3463	.375	2.250	.010	1.013
KE11858	.375	4.000	.015	1.800
KE4024	.375	4.125	.010	1.856
KE11857	.375	5.000	.015	2.250
KE7174	.375	6.000	.015	2.700
KE7179	.375	8.000	.062	3.596
KE7728	.375	8.500	.062	3.821
KE7308	.420	1.620	.015	.816
KE12022	.437	4.700	.030	2.464
KE8427	.500	.500	.062	.296
KE11132	.500	.500	.062	.296
KE11131	.500	1.500	.094	.891
IE0433	.500	1.500	.030	.900
KE11125	.500	2.000	.094	1.191
IE0557	.500	2.000	.031	1.200
KE8004	.500	2.500	Full	1.436
KE5090	.500	2.500	.030	1.500
KE0065	.500	4.000	.030	2.400
KE12687	.500	4.500	.030	2.700
KE3298	.500	6.000	.062	3.596
KE11126	.625	.625	.062	.465
KE5515	.630	1.260	.315	.850

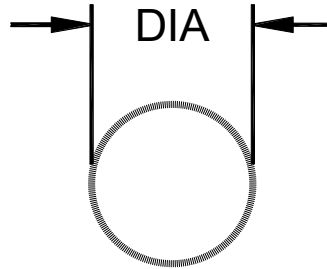


BAR - SQUARE & RECTANGLE

DIE #	W	L	RADIUS	WT/FT
KE11122	.750	.750	.062	.671
KE4683	.750	2.000	.030	1.799
KE12438	.750	2.000	.030	1.799
KE4927	1.000	2.500	.031	2.999
KE12183	2.000	3.000	.100	7.190

ROUND ROD

DIE #	DIAMETER	WT/FT
KE3210	.375	.133
KE5751	.438	.181
KE7745	.492	.228
KE3074	.500	.236
KE12374	.500	.236
KE3275	.563	.299
KE3984	.625	.368
KE9049	.737	.512
KE6621	.750	.530
KE12573	.813	.622
KE12507	.875	.721
KE9599	1.000	.942
KE8007	2.375	5.316
KE12524	2.875	7.790

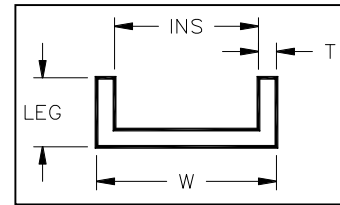


U - CHANNEL

See Print-on some of the below, radius & wall variation requires you to view a print.

American Standard Style & Aluminum Association Style included below.

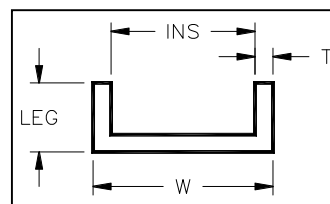
DIE #	W	LEG	T	OPENING		WT/FT
				RADIUS	INSIDE	
KE11725	.563	1.000	.094	.030	.375	.276
IE0348	.750	.750	.125	.030	.500	.300
KE10518	.850	1.250	see print	.020	see print	.363
KE11595	1.000	.500	.062	.030	.876	.139
KE8432	1.000	.500	.125	see print	.750	.261
KE12328	1.000	1.000	.055	.030	.890	.190
KE10741	1.000	1.000	.090	.030	.820	.304
KE11323	1.000	1.000	.125	.030	.750	.412
KE8254	1.150	1.000	.125	.020	.900	.435
KE11448	1.250	1.250	.090	.030	1.070	.385
KE12527	1.250	1.250	.115	.032	1.020	.484
KE6321	1.250	1.250	.125	.030	1.000	.525
KE8562	1.250	1.500	.100	see print	1.050	.489
KE12581	1.250	1.625	.050	see print	1.150	.263
KE8425	1.375	1.000	.094	see print	1.187	.364
KE10128	1.375	1.125	.125	.030	1.125	.506
KE11139	1.492	1.500	.056	see print	1.380	.295
KE8998	1.500	.750	.075	.030	1.350	.256
KE6929	1.500	1.000	.125	.030	1.250	.488
KE6320	1.500	1.500	.125	see print	1.250	.636
KE11062	1.600	1.500	.045	see print	1.510	.240
KE10771	1.605	1.045	.045	see print	1.515	.191
KE8557	1.653	1.500	.100	see print	1.453	.523
KE11185	1.700	1.250	.045	see print	1.610	.218
KE11628	1.725	2.125	.070	see print	1.585	.489
KE2878	1.750	1.500	.188	.030	1.374	.987
KE6952	1.750	2.625	see print	see print	1.292	1.583
KE1319	2.000	1.000	.125	.030	1.750	.563
KE3983	2.000	1.000	.250	see print	1.500	1.049
KE11204	2.000	1.500	.122	see print	1.756	.700
KE9127	2.000	2.000	.250	.030	1.500	1.650
KE8076	2.187	2.000	.375	see print	1.437	2.479



U - CHANNEL

DIE #	W	LEG	T	R	OPENING		WT/FT
					INSIDE		
KE7459	2.270	6.000	.250	see print	1.770		4.130
KE7859	2.325	1.870	.125	.030	2.075		.872
KE6296	2.375	1.125	.100	.030	2.175		.531
KE4431	2.376	2.000	.188	.031	2.000		1.353
KE5409	2.451	1.870	.188	.030	2.075		1.312
KE5318	2.500	3.000	.250	.030	2.000		2.400
KE9257	2.550	1.350	.150	see print	2.250		.885
KE9866	2.590	.970	.170	see print	2.250		.853
KE12035	2.625	1.000	.188	see print	2.250		.953
KE6187	2.680	1.531	.125	see print	2.430		.788
KE5384	2.810	1.625	.125	see print	2.560		.865
KE10392	2.900	.750	.098	see print	2.704		.488
KE12742	3.000	1.250	.250	.030	2.500		1.500
KE8864	3.000	1.410	see print	see print	see print		1.449
KE4662	3.000	1.500	.250	.030	2.500		1.650
KE6403	3.000	1.750	.125	.030	2.750		.938
KE12741	3.000	1.750	see print	see print	2.687		1.061
KE12740	3.000	1.750	see print	see print	2.687		1.464
KE10941	3.430	3.000	.188	see print	3.054		2.037
KE8201	3.650	3.000	.125	see print	3.400		1.392
KE11772	3.790	1.000	.188	.030	3.414		1.218
KE11041	4.000	1.250	.125	.030	3.750		.937
NE0252	4.000	1.250	see print	see print	see print		1.375
KE12426	4.000	2.250	see print	see print	see print		2.378
KE7570	4.063	1.813	.250	.030	3.563		2.157
KE11055	4.375	1.125	.125	.030	4.125		.956
KE11303	4.500	2.000	.250	.030	4.000		2.399
KE11208	5.000	2.750	see print	see print	see print		3.151
KE5956	5.375	.750	.190	see print	4.995		1.481
KE10942	5.418	3.000	.250	see print	4.918		3.275
KE11302	6.500	3.000	.250	.030	6.000		3.599
KE3019	8.000	1.750	see print	see print	see print		2.625
KE8567	8.000	2.000	.250	see print	7.500		3.447
KE12425	8.000	2.290	see print	see print	see print		4.461

American Standard Style



Modified Amer. Std. Type

Alum Association Type

Alum Association Type

Modified Amer. Std. Type

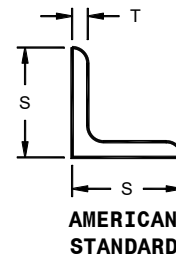
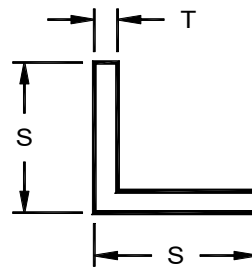
American Standard

ANGLE - EQUAL LEG

See Print-on some of the below radius variation requires you to view a print.

American Standard Style included below.

DIE #	S	T	RADIUS	WT/FT	
KE9293	.750	.050	see print	.086	
KE7394	1.000	.062	.030	.144	
KE8384	1.000	.075	.030	.173	
KE6747	1.000	1.000	see print	.279	
KE2823	1.000	.125	.030	.281	
NE0996	1.250	.125	see print	.352	
KE2868	1.250	.188	.030	.522	
KE8327	1.250	.250	.030	.675	
KE5140	1.500	.063	.030	.222	
KE11157	1.500	.090	.030	.314	
IE0346	1.500	.125	.030	.431	
KE7672	1.500	.188	see print	.632	American Std Style
KE8049	1.500	.188	see print	.633	
KE2870	1.500	.188	.030	.634	
KE1044	2.000	.125	.030	.581	
KE6461	2.000	.180	.030	.825	
KE4312	2.000	.188	.031	.859	
KE8687	2.000	.250	see print	1.109	American Std Style
KE3180	2.000	.250	.030	1.125	
KE9012	2.500	.250	.030	1.425	
KE12677	3.000	.125	.030	.881	
KE7600	3.000	.150	.030	1.053	
KE9042	3.000	.250	see print	1.709	American Std Style
KE0133	3.000	.250	.031	1.724	
KE8560	3.000	.254	see print	1.744	American Std Style
KE9461	3.000	.375	see print	2.528	
KE8559	3.500	.250	see print	2.029	American Std Style
KE12408	4.000	.500	see print	4.504	American Std Style
KE12409	5.000	.375	see print	4.323	American Std Style
KE6798	6.000	.375	see print	5.223	American Std Style

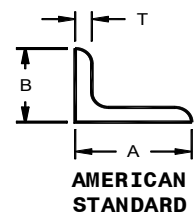
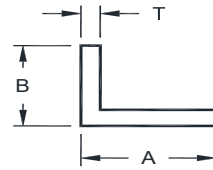


ANGLE - UNEQUAL LEG

See Print-on some of the below, radius & wall variation requires you to view a print.

American Standard Style included below.

DIE #	B	A	T	RADIUS	WT/FT
KE8387	.500	.760	.120	.030	.164
NE0285	.500	1.000	.125	.030	.206
KE11240	.625	1.000	.125	.030	.224
KE8381	.750	1.000	.075	.030	.151
KE10720	.750	1.500	.080	.030	.208
KE3622	.750	2.500	.125	.030	.469
KE12674	.750	3.250	.125	.030	.578
KE3675	1.000	1.500	.050	.030	.147
KE2155	1.000	1.500	.062	.030	.181
KE8399	1.000	1.500	.078	.030	.227
KE5264	1.000	1.500	.080	see print	.231
KE8353	1.000	1.500	.090	.030	.260
KE5845	1.000	1.750	.050	.030	.162
KE6055	1.000	2.000	.080	.030	.280
KE8656	1.000	2.000	.125	see print	.434
KE3736	1.000	2.250	.050	.030	.192
KE8945	1.000	3.000	.080	see print	.375
KE6463	1.000	3.000	.125	.030	.581
KE7616	1.250	1.750	.125	see print	.432
KE8803	1.250	3.500	.125	.030	.694
KE2846	1.500	2.000	.125	.030	.506
KE9323	1.500	2.000	.188	.030	.747
KE5239	1.500	2.000	.250	see print	.976
KE12675	1.500	3.000	.125	.030	.656
KE9147	1.500	4.000	see print	.030	1.388
KE3853	1.600	2.500	see print	.030	1.104
KE12676	2.000	3.000	.187	see print	1.081
KE6405	2.000	3.000	.188	.031	1.084
KE8978	2.000	3.000	.188	.030	1.086
KE11732	2.000	3.000	.188	see print	1.092
KE9759	2.000	3.000	.188	see print	1.093



American Std Style

American Std Style

American Std Style

American Std Style

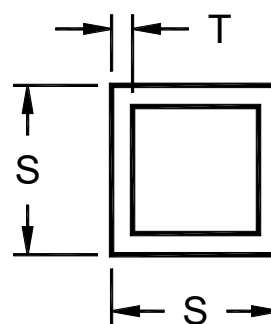
American Std Style

ANGLE - UNEQUAL LEG

DIE #	B	A	T	RADIUS	WT/FT	
KE8561	2.000	3.000	.250	see print	1.401	American Std Style
KE12620	2.000	3.000	.250	.030	1.423	
KE6464	2.000	4.000	.125	.015	.881	
KE1892	2.000	6.000	.090	.010	.854	
KE4026	2.000	6.000	.125	.015	1.181	
KE9043	3.000	4.000	.250	see print	2.009	American Std Style
KE11607	3.000	4.500	see print	.016	3.302	
KE9108	3.000	5.000	.375	see print	3.417	American Std Style
KE12523	3.000	6.000	.375	see print	3.844	American Std Style

SQUARE TUBE

DIE #	S	T	RADIUS		WT/FT
			OUTSIDE	INSIDE	
KE7718	.500	.065	.015	.030	.136
KE12174	.590	.050	.090	.040	.123
KE12210	.591	.040	.032	.032	.105
KE10535	.600	.043	.040	.030	.114
KE9488	.600	.045	.032	.030	.116
KE2228	.600	.045	.030	.030	.120
KE7816	.600	.050	.015	.030	.132
KE8340	.615	.045	.032	.032	.122
KE11297	.625	.045	.045	.030	.123
KE11195	.625	.045	.015	.030	.125
KE8996	.625	.050	.030	.030	.138
KE12111	.720	.045	.015	.062	.149
KE12172	.720	.080	.015	.062	.249
KE12222	.720	.125	.015	.062	.360
KE3328	.744	.055	.030	.030	.182
KE10573	.750	.053	.030	.030	.177
KE9817	.750	.062	.030	.030	.205
KE7914	.750	.090	.062	.062	.285
KE7601	.750	.120	.250	.130	.316
KE11124	.750	.125	.062	.030	.371
KE12121	.968	.062	.156	.094	.253
KE12155	.975	.125	.156	.094	.494
KE0012	1.000	.050	.030	.015	.228
KE12015	1.000	.055	.125	.060	.237
KE3933	1.000	.060	.125	.125	.259
KE10423	1.000	.060	.125	.065	.259
KE8943	1.000	.060	.062	.030	.267
KE2987	1.000	.060	.030	.030	.271
KE6494	1.000	.065	.125	.060	.279
KE8481	1.000	.090	.109	.030	.381
KE8135	1.000	.090	.125	.062	.381



SQUARE TUBE

DIE #	S	T	RADIUS OUTSIDE	RADIUS INSIDE	WT/FT
KE10006	1.000	.100	.100	.030	.422
KE3934	1.000	.125	.125	.030	.509
KE6495	1.000	.125	.030	.030	.525
KE7428	1.000	.125	.031	.062	.528
KE2830	1.000	.125	.031	.062	.528
KE5371	1.117	.062	.156	.094	.298
KE6493	1.125	.125	.125	.030	.584
KE11822	1.250	.056	.125	.069	.310
KE9026	1.250	.057	.188	.131	.308
KE10089	1.250	.065	.188	.123	.351
KE9770	1.250	.090	.125	.030	.485
KE10007	1.250	.097	.100	.030	.528
KE8265	1.250	.109	.125	.030	.581
KE6198	1.250	.125	.125	.030	.659
KE12220	1.250	.125	.125	.063	.663
KE8862	1.250	.188	.030	.030	.956
KE11596	1.378	.079	.236	.157	.461
NE1991	1.405	.062	.100	.038	.391
KE4316	1.420	.125	.094	.030	.768
KE10753	1.500	.046	.030	.030	.304
KE11295	1.500	.050	.015	.030	.348
KE0013	1.500	.050	.030	.030	.348
KE11484	1.500	.061	.188	.127	.402
KE11296	1.500	.062	.125	.063	.416
KE4291	1.500	.062	.047	.030	.426
KE8266	1.500	.062	.030	.030	.428
KE9840	1.500	.075	.030	.030	.512
KE2837	1.500	.090	.030	.030	.609
KE10008	1.500	.097	.100	.030	.643
KE11606	1.500	.122	.312	.190	.743
KE3970	1.500	.125	.031	.031	.824
KE6492	1.500	.125	.030	.030	.825
KE8848	1.500	.125	.125	.062	.813
KE12669	1.500	.125	.312	.192	.763
KE5322	1.500	.250	.030	.030	1.500

SQUARE TUBE

DIE #	S	T	RADIUS OUTSIDE	RADIUS INSIDE	WT/FT
KE6876	1.562	.187	.187	.062	1.202
NE1994	1.737	.099	.100	.030	.772
KE8341	1.750	.060	.032	.032	.486
KE12221	1.750	.125	.156	.031	.951
KE6263	1.750	.125	.125	.030	.959
KE6736	1.750	.188	.125	.030	1.393
KE12158	1.980	.250	.250	.030	2.012
KE12095	2.000	.060	.016	.030	.558
KE5806	2.000	.080	.030	.030	.737
KE12607	2.000	.090	.375	.285	.763
KE8103	2.000	.095	.125	.030	.854
KE9465	2.000	.120	.375	.255	1.005
KE12608	2.000	.120	.375	.285	1.021
KE6918	2.000	.120	.060	.030	1.079
KE6491	2.000	.125	.187	.062	1.093
KE7996	2.000	.125	.125	.030	1.110
KE6576	2.000	.125	.030	.030	1.125
KE1679	2.000	.125	.060	.060	1.125
KE11181	2.000	.125	.032	.030	1.125
KE12082	2.000	.187	.400	.250	1.527
KE5338	2.000	.188	.030	.030	1.635
KE5537	2.000	.250	.030	.030	2.100
KE8223	2.080	.125	.125	.030	1.157
KE8227	2.220	.250	.050	.030	2.361
KE6490	2.313	.125	.125	.125	1.313
KE6746	2.375	.125	.188	.125	1.330
KE8342	2.500	.075	.032	.032	.872
KE11180	2.500	.075	.032	.030	.872
KE2800	2.500	.100	.030	.030	1.152
KE6737	2.500	.125	.125	.030	1.409
KE11179	2.500	.125	.032	.030	1.424
KE0956	2.500	.125	.030	.030	1.425
KE9869	2.500	.125	.032	.030	1.425
KE7959	2.500	.188	.030	.030	2.086
KE8741	2.500	.250	.030	.030	2.700

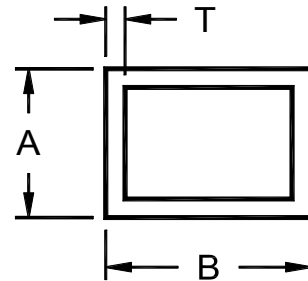
SQUARE TUBE

DIE #	S	T	RADIUS OUTSIDE	RADIUS INSIDE	WT/FT
KE10464	2.530	.250	.375	.188	2.627
KE8228	2.656	.188	.100	.050	2.219
KE1009	2.950	.200	.030	.030	2.640
KE9660	3.000	.093	.015	.030	1.298
KE12159	3.000	.125	.250	.125	1.677
KE3975	3.000	.125	.031	.031	1.724
KE1042	3.000	.125	.030	.030	1.725
KE6200	3.000	.125	.125	.030	1.709
KE6153	3.000	.188	.125	.030	2.521
KE3986	3.000	.188	.030	.030	2.538
KE6404	3.000	.210	.125	.125	2.812
KE7455	3.125	.250	.125	.030	3.434
KE3919	3.500	.225	.030	.030	3.537
KE2260	4.000	.125	.030	.030	2.325
KE8104	4.000	.188	.125	.030	3.424
KE12475	4.000	.250	.250	.125	4.451
KE7447	4.000	.250	.030	.030	4.500
KE7788	4.250	.120	.125	.125	2.379
KE8444	4.963	.125	.125	.031	2.888

RECTANGULAR TUBE

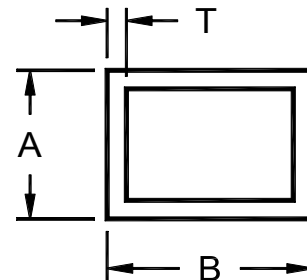
See Print-on some of the below, wall variation requires you to view a print.

DIE #	A	B	T	RADIUS	RADIUS	WT/FT
				OUTSIDE	INSIDE	
KE11524	.500	.750	.045	.030	.020	.125
KE2831	.500	1.000	.125	.030	.030	.375
KE8064	.706	1.706	.115	.062	.030	.599
KE9737	.740	2.000	.125	.062	.031	.744
KE12152	.750	1.500	.115	.125	.030	.542
KE9165	.875	1.400	.090	.090	.030	.444
KE10872	.938	1.438	.040	.125	.080	.211
KE9654	.938	1.438	.040	.188	.188	.207
KE10494	1.000	1.500	.044	.062	.030	.246
KE12179	1.000	1.500	.050	.157	.103	.273
KE11823	1.000	1.500	.055	.125	.070	.304
KE10129	1.000	1.500	.062	.125	.062	.341
KE12014	1.000	1.500	.087	.125	.030	.470
KE8509	1.000	1.500	.100	.100	.030	.543
KE8354	1.000	1.500	.118	.031	.062	.644
KE3327	1.000	1.500	.125	.030	.030	.675
KE8017	1.000	1.500	.188	.063	.030	.952
KE10422	1.000	2.000	.060	.125	.065	.403
KE6406	1.000	2.000	.062	.062	.062	.428
KE10442	1.000	2.000	.080	.125	.045	.531
KE12609	1.000	2.000	.095	.030	.030	.641
KE8018	1.000	2.000	.115	.188	.073	.734
KE8355	1.000	2.000	.120	.030	.030	.795
KE10382	1.000	2.000	.120	.125	.030	.779
KE6462	1.000	2.000	.125	.030	.030	.825
KE3980	1.000	2.000	.125	.031	.030	.824
KE7371	1.000	2.000	.125	.062	.030	.821
KE12178	1.000	2.500	.055	.077	.032	.442
KE6251	1.000	2.500	.065	.125	.060	.513
KE12019	1.000	3.000	.057	.157	.100	.516
KE8356	1.000	3.000	.060	.125	.065	.547



RECTANGULAR TUBE

DIE #	A	B	T	RADIUS		WT/FT
				OUTSIDE	INSIDE	
KE12123	1.000	3.000	.068	.030	.030	.630
KE12671	1.000	3.000	.090	.030	.030	.824
KE8357	1.000	3.000	.120	.030	.030	1.083
KE10305	1.000	3.000	.120	.180	.125	1.066
KE7366	1.000	4.000	.125	.062	.030	1.421
KE11932	1.000	5.000	.065	.030	.030	.915
KE6201	1.000	8.000	.125	.030	.030	2.625
KE6873	1.125	1.625	.125	.187	.062	.718
KE7621	1.250	1.500	.070	.030	.030	.438
KE12503	1.250	2.000	.080	.030	.030	.592
KE6318	1.250	2.500	.086	.120	.060	.727
KE4315	1.250	2.500	.125	.094	.030	1.041
KE6738	1.250	4.500	.125	.125	.030	1.634
KE6739	1.320	4.570	.188	.125	.030	2.472
KE6788	1.427	1.927	.125	.125	.062	.925
KE6253	1.500	1.750	.065	.030	.030	.487
KE5289	1.500	1.750	.070	.030	.030	.522
KE7995	1.500	2.000	.123	.125	.030	.945
KE9355	1.500	2.000	.125	.030	.030	.975
KE9202	1.500	2.500	.060	.032	.032	.559
KE8039	1.500	2.500	.060	.030	.030	.558
KE1104	1.500	2.500	.125	.030	.030	1.125
KE11294	1.500	3.000	.047	.125	.078	.487
KE7109	1.500	3.000	.055	.125	.070	.568
KE8352	1.500	3.000	.060	.062	.031	.628
KE10728	1.500	3.000	.080	.031	.030	.833
KE8474	1.500	3.000	see print	.208	.100	.863
KE11430	1.500	3.000	.118	.125	.030	1.192
KE11431	1.500	3.000	.120	.015	.030	1.228
KE10303	1.500	3.000	.120	.180	.180	1.227
KE6460	1.500	3.000	.125	.030	.030	1.275
KE1564	1.500	4.000	.184	.125	.031	2.251
KE11489	1.500	5.000	.125	.125	.030	1.860

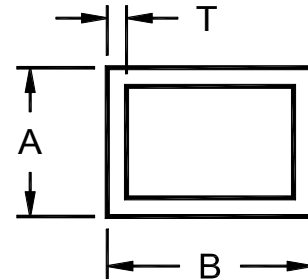


RECTANGULAR TUBE

DIE #	A	B	T	RADIUS OUTSIDE	RADIUS INSIDE	WT/FT
KE7245	1.535	1.614	.079	.177	.098	.545
KE6624	1.625	2.625	.125	.030	.030	1.200
KE10736	1.719	3.719	.188	.030	.030	2.284
KE6787	1.750	2.250	.125	.125	.030	1.109
KE6350	1.750	2.875	.125	.032	.032	1.311
KE4313	1.750	3.000	.125	.031	.030	1.349
KE6264	1.750	3.000	.125	.125	.030	1.334
KE6194	1.750	3.000	.188	.125	.030	1.958
KE0322	1.750	4.000	.125	.030	.030	1.650
KE0432	1.750	4.500	.125	.030	.062	1.804
KE12153	1.750	5.000	.125	.060	.030	1.947
KE6199	1.750	5.000	.125	.125	.030	1.934
KE6195	1.750	5.000	.188	.125	.030	2.860
KE6197	1.750	5.000	see print	.125	.030	4.404
KE7454	1.750	6.000	see print	.125	.250	5.152
KE11705	2.000	2.500	.063	.126	.063	.649
KE10495	2.000	3.000	.118	.125	.030	1.333
KE12672	2.000	3.000	.118	.120	.030	1.335
KE1043	2.000	3.000	.125	.030	.030	1.425
KE6742	2.000	3.000	.125	.125	.030	1.409
KE7999	2.000	3.000	.188	.062	.030	2.082
KE9644	2.000	3.000	.200	.125	.062	2.196
KE10620	2.000	3.000	.250	.030	.030	2.700
KE9281	2.000	3.500	.130	.190	.060	1.601
KE3111	2.000	4.000	.125	.030	.030	1.725
KE6925	2.000	4.000	.125	.125	.030	1.709
KE7163	2.000	4.000	.188	.062	.062	2.538
KE8569	2.000	4.000	.200	.150	.150	2.688
KE6931	2.000	4.000	.250	.125	.030	3.284
KE6622	2.000	5.000	.125	.030	.030	2.025
KE4237	2.000	5.000	.188	.031	.030	2.988
KE6623	2.000	6.000	.125	.030	.030	2.325
KE7102	2.000	6.000	.188	.031	.031	3.440
KE12452	2.000	8.000	.125	.062	.030	2.922
KE7906	2.000	8.000	.250	.125	.030	5.684

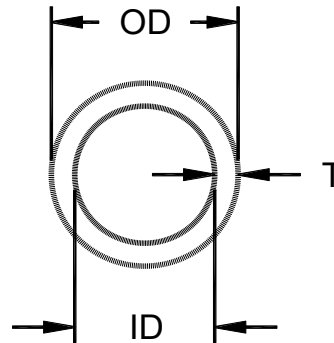
RECTANGULAR TUBE

DIE #	A	B	T	RADIUS		WT/FT
				OUTSIDE	INSIDE	
KE7594	2.062	2.562	.125	.125	.062	1.300
KE9050	2.380	3.250	.250	.030	.030	3.078
KE8558	2.500	3.500	.218	.343	.125	2.996
KE8563	2.500	3.500	.250	.125	.250	3.348
KE6713	2.500	4.000	.125	.030	.030	1.875
KE10726	3.000	4.000	.125	.031	.030	2.024
KE7599	3.000	4.000	.200	.125	.125	3.168
KE7370	3.000	5.000	.210	.125	.125	3.820
KE7445	3.000	6.000	.125	.030	.030	2.625
KE2615	3.000	7.000	.125	.030	.030	2.925
KE7218	3.015	4.020	.380	.500	.625	5.868
KE10727	4.000	5.000	.135	.031	.030	2.828
KE4723	4.000	6.000	.200	.250	.050	4.546
KE7446	4.000	6.000	.250	.030	.030	5.700
KE10938	4.028	5.000	.250	.030	.030	5.117
KE10937	5.000	6.032	.250	.030	.030	6.319
KE10936	5.000	6.032	see print	.030	.030	7.979



ROUND TUBE & PIPE

DIE #	OD	ID	T	WT/FT
KE10272	.736	.602	.067	.168
KE11031	.747	.621	.063	.162
KE5308	.750	.650	.050	.132
KE11275	.750	.650	.050	.132
KE7456	.750	.520	.115	.275
KE11733	.866	.736	.065	.196
KE6796	.870	.585	.143	.391
KE8460	.875	.630	.125	.353
KE7662	.900	.515	.193	.513
KE12310	.938	.772	.083	.267
KE4828	.992	.882	.050	.178
KE12320	1.000	.890	.055	.196
KE9687	1.000	.840	.080	.277
KE0354	1.000	.800	.100	.339
KE8884	1.000	.770	.115	.384
KE1457	1.000	.750	.125	.412
KE6455	1.000	.500	.250	.707
KE7700	1.005	.434	.283	.774
KE8838	1.050	.824	.113	.399
KE6927	1.062	.670	.196	.640
KE5372	1.125	.959	.083	.326
KE6580	1.187	.800	.194	.725
KE10833	1.250	1.150	.050	.226
KE8565	1.250	1.070	.090	.394
KE8883	1.250	1.020	.115	.492
KE4236	1.315	1.049	.133	.593
KE2862	1.437	1.159	.139	.680
KE6934	1.500	1.400	.050	.273
KE5727	1.500	1.370	.065	.352
KE5705	1.500	1.334	.083	.443
KE10493	1.500	1.334	.083	.443
KE10800	1.500	1.275	.113	.588
KE8885	1.500	1.270	.115	.600
KE8463	1.500	1.250	.125	.648
KE3982	1.660	1.380	.140	.802
KE9052	1.720	1.334	.193	1.111



3/4" SCHEDULE 40 PIPE

1" SCHEDULE 40 PIPE

1 1/4" SCHEDULE 40 PIPE

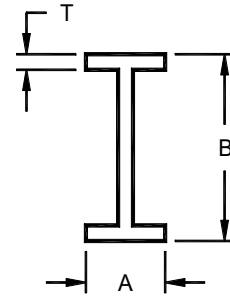
ROUND TUBE & PIPE

DIE #	OD	ID	T	WT/FT	
KE8636	1.800	1.520	.140	.876	
KE3424	1.900	1.780	.060	.416	
KE8548	1.900	1.610	.145	.959	1 1/2" SCHEDULE 40 PIPE
KE9526	1.900	1.500	.200	1.282	1 1/2" SCHEDULE 80 PIPE
KE5141	1.937	1.767	.085	.593	
KE5706	2.000	1.824	.088	.635	
KE3974	2.000	1.750	.125	.884	
KE11591	2.000	1.250	.375	2.297	
KE8828	2.005	1.875	.065	.475	
KE6420	2.125	1.375	.375	2.474	
KE9051	2.250	1.750	.250	1.885	
KE11695	2.300	1.855	.222	1.743	
KE8410	2.375	2.067	.154	1.289	2" SCHEDULE 40 PIPE
KE8373	2.500	2.356	.072	.659	
KE10894	3.000	2.750	.125	1.355	
KE8372	3.250	3.106	.072	.863	
KE11150	3.370	3.190	.090	1.113	
KE6942	3.375	3.195	.090	1.115	
KE5732	4.000	3.870	.065	.964	
KE8806	4.000	3.760	.120	1.755	
KE10492	4.000	3.000	.500	6.597	
KE10346	4.500	4.026	.237	3.809	4" SCHEDULE 40 PIPE
KE10347	4.500	3.826	.337	5.289	

I - BAR [Also Called H]

See Print-on some of the below, radius & wall variation requires you to view a print.

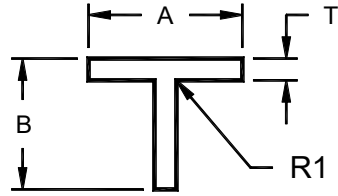
DIE #	B	A	T	RADIUS	WT/FT
KE11155	.690	2.000	see print	see print	.463
KE11001	.815	see print	see print	see print	.163
KE9105	1.000	1.000	.062	.030	.214
KE6093	1.625	1.250	.109	.030	.511
KE9853	1.728	3.174	see print	see print	.685
KE8926	1.730	3.175	see print	.030	.687
KE9155	1.750	2.150	.100	see print	.698
KE9724	1.760	1.760	.100	see print	.604
KE8715	1.770	3.250	see print	.030	.530
KE11333	1.780	1.500	.065	see print	.362
KE8262	1.977	1.628	.125	see print	.751
IE0584	2.000	1.300	.050	.030	.273
KE7536	2.210	1.550	.050	see print	.316
KE7323	2.937	2.000	.200	see print	1.605
KE11608	4.000	2.000	.125	.030	1.162
KE10957	4.375	1.000	see print	.030	1.950
KE8102	6.000	4.000	see print	see print	4.112



T - BAR

See Print-on some of the below, radius & wall variation requires you to view a print.

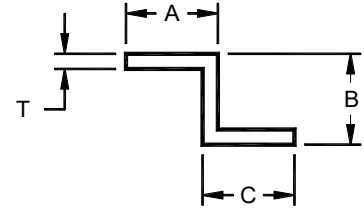
DIE #	B	A	T	R	WT/FT
KE8946	1.000	1.500	.093	see print	.272
KE10550	1.000	2.000	.050	see print	.176
KE4791	1.000	2.000	.125	.030	.431
KE9968	1.187	1.625	see print	.030	.242
KE9825	1.437	1.625	see print	.030	.253
KE6456	3.000	3.000	.180	.030	1.257



Z - BAR

See Print-on some of the below, radius & wall variation requires you to view a print.

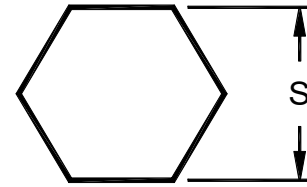
DIE #	B	A	C	T	RADIUS	WT/FT
KE8798	.461	1.000	.500	.090	.030	.212
KE5472	.813	.750	.750	.125	.030	.309
KE10965	1.000	1.500	1.250	.250	.030	.972
KE12090	1.125	1.500	1.500	.100	.031	.470
KE12678	1.400	1.250	.820	.065	.030	.259
KE10993	1.407	1.438	1.500	see print	.031	.990
KE8246	1.875	1.250	1.250	.125	.032	.618
KE12089	2.000	1.250	.825	.075	.030	.315
KE9072	2.000	1.750	1.750	.125	see print	.794
KE12079	2.000	2.000	2.000	.125	.031	.869
KE11298	2.400	4.000	2.000	.250	.030	2.445
KE7097	2.800	1.000	2.000	.200	.030	2.064
KE7977	3.500	1.500	.560	see print	.030	1.322
KE7976	4.000	2.000	1.000	.250	.030	1.950
KE9449	5.000	2.740	2.490	see print	.125	3.348
KE7943	6.000	1.000	2.000	.200	.030	2.064
KE7097	6.000	1.000	2.000	.200	.030	2.064



HEX BAR & HEX TUBE

HEX BAR

DIE #	S	RADIUS	WT/FT
KE4724	.312	.030	.101
KE3338	1.000	.030	1.039
KE4965	1.062	.030	1.172



HEX TUBE

DIE #	S	DIAMETER	RADIUS	WT/FT
KE12018	.433	.170	.070	.166
KE4194	.500	.290	.070	.181
KE1633	.680	.390	.030	.247
KE1640	.688	.428	.030	.319
KE4985	.812	.520	.030	.430
KE1638	.875	.578	.030	.481
KE8928	.930	.568	.030	.595
KE8929	.990	.680	.030	.583
KE1634	1.000	.453	.030	.846
KE1635	1.000	.781	.030	.464
KE1639	1.062	.763	.030	.623
KE1637	1.250	.812	.030	1.002
KE3254	1.250	1.020	.030	.643
KE9938	1.750	1.160	.030	1.914
KE8783	1.500	1.180	.130	1.019
KE5253	2.000	1.880	.030	.826
KE9843	2.250	1.510	.030	3.112
KE9937	2.500	1.740	.030	3.642

