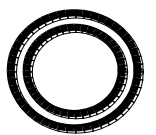
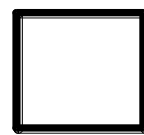
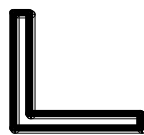
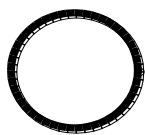
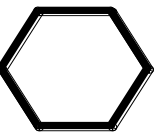
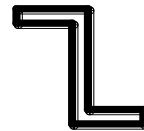
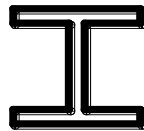
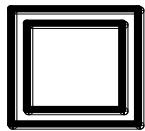
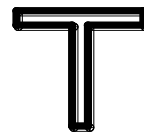
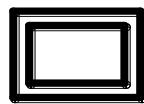
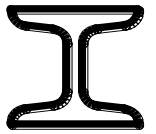
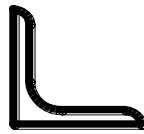


STANDARD EXTRUSION CATALOG

Pennex

ALUMINUM COMPANY

LEETONIA OHIO FACILITY

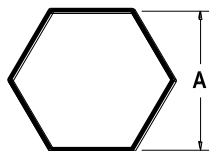


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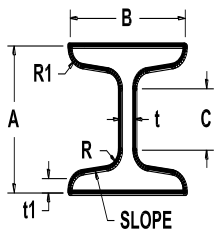


1 Commerce Ave.
Leetonia, OH 44431
Ph: 330-427-6704



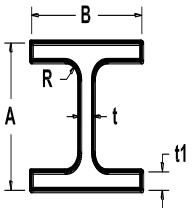
HEX BAR SQ CORNERS

A	TOLERANCE	WT/FT	DIE #
0.750	±.005	0.573	35089
0.787	±.005	0.632	25716
0.866	±.005	0.763	25672
1.000	±.006	1.018	35004



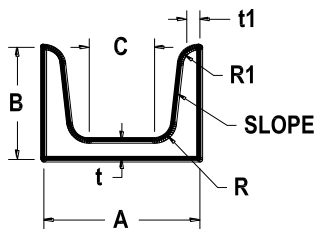
I-BEAM AMERICAN STANDARD

A	B	C	t	t1	R	R1	SLOPE	WT/FT	DIE #
4.000	2.660	2.750	0.190	0.190	0.290	0.110	1:6	2.644	35049*



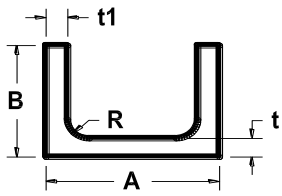
I-BEAM ALUMINUM ASSOCIATION

A	B	t	t1	R	WT/FT	DIE #
8.000	5.000	0.230	0.350	0.300	6.181	35104
8.000	5.000	0.250	0.410	0.300	7.023	35103
10.000	6.000	0.250	0.410	0.400	8.624	35116
10.000	6.000	0.290	0.500	0.400	10.264	35117



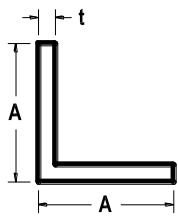
CHANNEL AMERICAN STANDARD

A	B	C	t	t1	R	R1	SLOPE	WT/FT	DIE #
5.000	1.750	3.750	0.190	0.190	0.290	0.110	1:6	2.316	25451*
3.000	1.410	1.750	0.170	0.170	.0270	.0100	1:6	1.418	25600*



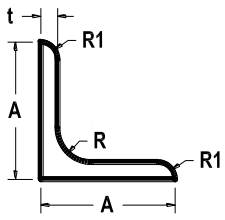
CHANNEL ALUMINUM ASSOCIATION

A	B	t	t1	R	WT/FT	DIE #
4.000	2.000	0.150	0.230	0.250	1.738	35105*
6.000	2.500	0.170	0.290	0.300	2.834	35106*



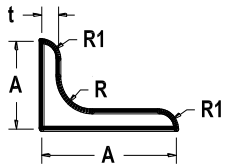
ANGLE EQUAL LEG SQ CORNERS

A	t	WT/FT	DIE #
2.000	0.250	1.102	25017*



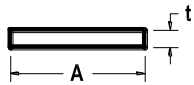
ANGLE EQUAL LEG AMERICAN STD

A	t	R	R1	WT/FT	DIE #
1.500	0.250	0.188	0.125	0.809	25187*
2.000	0.250	0.250	0.125	1.110	25046*
3.000	0.250	0.313	0.250	1.684	25237*
4.000	0.250	0.375	0.250	2.283	35092*
4.000	0.375	0.375	0.250	3.367	25286*



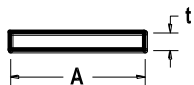
ANGLE UNEQUAL LEG AMERICAN STD

A	B	t	R	R1	WT/FT	DIE #
3.000	2.000	0.250	0.313	0.188	1.403	25210*
4.000	3.000	0.375	0.375	0.250	2.926	25200*



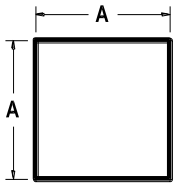
RECTANGULAR BAR SQ CORNERS

A	TOLERANCE	t	TOLERANCE	WT/FT	DIE #
1.500	±.014	0.250	±.008	0.441	25169*
1.500	±.014	0.500	±.009	0.882	20004*
1.500	±.014	1.000	±.012	1.764	25182*
2.000	±.024	0.375	±.008	0.882	25229*
2.000	±.024	0.500	±.009	1.176	25371*
2.000	±.024	0.750	±.010	1.764	25092*
2.000	±.024	1.000	±.012	2.352	25100*
2.000	±.024	1.250	±.012	2.940	25135*
2.000	±.024	1.500	±.014	3.528	25093*
2.250	±.024	0.750	±.010	1.984	25125
2.500	±.024	0.375	±.008	1.102	25186*
2.500	±.024	1.250	±.012	3.675	25233*
2.500	±.024	1.500	±.014	4.410	25137
2.500	±.024	2.000	±.024	5.880	25440
3.000	±.024	0.250	±.008	0.882	25352*
3.000	±.024	0.500	±.009	1.764	25230*
3.000	±.024	0.750	±.010	2.646	25232*
3.000	±.024	1.000	±.012	3.528	25355*
3.000	±.024	1.250	±.012	4.410	25356
3.000	±.024	1.500	±.014	5.292	25094
3.000	±.024	2.000	±.024	7.056	35012*
3.500	±.024	1.500	±.014	6.174	25439
3.500	±.024	2.000	±.024	8.232	25145
4.000	±.034	0.250	±.008	1.176	35093*
4.000	±.034	0.500	±.009	2.352	25098*
4.000	±.034	0.750	±.010	3.528	25131*
4.000	±.034	1.000	±.012	4.704	35033*
4.000	±.034	1.250	±.012	5.880	25234
4.000	±.034	1.500	±.014	7.056	35015*
4.000	±.034	1.750	±.014	8.232	25336
4.000	±.034	2.000	±.008	9.408	35010*
4.500	±.034	0.375	±.008	1.985	25365*
5.000	±.034	0.250	±.008	1.470	25405*
5.000	±.034	0.500	±.009	2.940	25231*
5.000	±.034	0.750	±.010	4.410	35034*
5.000	±.034	1.000	±.012	5.880	35013*
5.000	±.034	1.250	±.012	7.350	25235
5.000	±.034	1.500	±.014	8.820	25236
6.000	±.044	0.250	±.008	1.764	25183*
6.000	±.044	0.375	±.008	2.646	25241*
6.000	±.044	0.500	±.009	3.528	25099*
6.000	±.044	0.750	±.010	5.292	25105
6.000	±.044	1.000	±.012	7.056	35009*
6.000	±.044	1.500	±.014	10.584	35016*



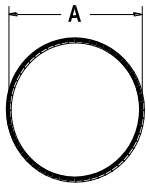
RECTANGULAR BAR SQ CORNERS

A	TOLERANCE	t	TOLERANCE	WT/FT	DIE #
7.000	±.044	0.313	±.008	2.573	25390
7.500	±.044	0.312	±.008	2.752	25378
8.000	±.054	0.375	±.008	3.528	35032*
8.000	±.054	0.500	±.009	4.704	25437*
8.000	±.054	0.875	±.010	8.232	25603
8.000	±.054	1.000	±.012	9.408	35017*



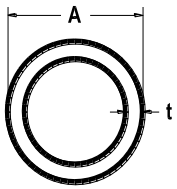
SQUARE BAR SQ CORNERS

A	TOLERANCE	WT/FT	DIE #
0.750	±.010	0.661	25091*
1.000	±.012	1.176	25108*
1.500	±.014	2.646	25337*
1.750	±.014	3.601	25090*
2.000	±.024	4.704	35007*
2.500	±.024	7.350	35011*



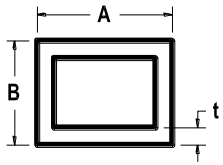
ROD

A	TOLERANCE	WT/FT	DIE #
0.625	±.005	0.361	25133*
0.750	±.005	0.520	25057*
0.875	±.005	0.707	25128*
1.000	±.006	0.923	25097*
1.125	±.006	1.169	25058*
1.188	±.006	1.303	25359*
1.250	±.006	1.443	25095*
1.375	±.006	1.746	25059*
1.438	±.006	1.909	25311
1.500	±.006	2.078	25060*
1.625	±.006	2.439	25136*
1.750	±.006	2.828	25061*
1.875	±.006	3.247	35143
2.000	±.008	3.695	35031*
2.125	±.008	4.171	25096
2.250	±.008	4.676	25063
2.375	±.008	5.210	25168
2.438	±.008	5.487	25165
2.500	±.008	5.773	35014*
2.625	±.008	6.365	25326
2.750	±.008	6.985	25065
3.000	±.008	8.313	35008*
3.250	±.008	9.756	35114



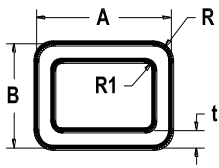
PIPE

SIZE	SCH. NO.	A	t	WT/FT	DIE #
1-1/4"	10	1.660	0.109	0.624	50231*
1-1/2"	40	1.900	0.145	0.940	50345*
2"	10	2.375	0.109	0.913	50373*
2"	40	2.375	0.154	1.264	50380*
3"	40	3.500	0.216	2.621	50362*
4"	10	4.500	0.120	1.942	50230
4"	40	4.500	0.237	3.733	50376



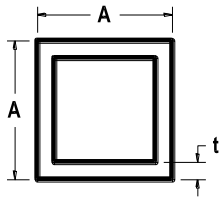
RECTANGULAR TUBE SQ CORNERS

A	B	t	WT/FT	DIE #
2.000	1.000	0.125	.809	50097*
2.000	1.500	0.125	.946	50098*
2.500	1.250	0.125	1.019	50118*
3.000	2.000	0.125	1.397	50135*
4.000	2.000	0.125	1.691	50136*
6.000	2.000	0.125	2.279	50137*
6.000	2.000	0.250	4.410	70099
6.000	4.000	0.250	5.586	70101



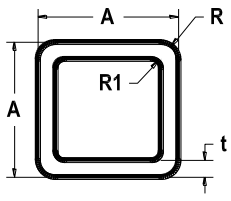
RECTANGULAR TUBE RD CORNERS

A	B	t	R	R1	WT/FT	DIE #
4.000	3.000	0.250	0.250	0.250	3.822	50452
5.000	4.000	0.375	0.750	0.375	6.850	50247



SQUARE TUBE SQ CORNERS

A	t	WT/FT	DIE #
1.000	0.125	0.515	50096*
1.250	0.125	0.655	50138*
1.500	0.120	.779	50818
1.500	0.125	0.801	50035*
2.000	0.125	1.103	50099*
2.000	0.188	1.603	50819*
2.000	0.250	2.058	50346*
3.000	0.125	1.691	50820*
3.000	0.188	2.531	70112*
3.000	0.250	3.234	70098*
4.000	0.250	4.410	70100*
6.000	0.125	3.455	70036



A	t	R	R1	WT/FT	DIE #
3.000	.250	.313	.062	3.139	70104