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## **LOXCREEN FINISHES** (listing includes most common finishes – other finishes available)

**MILL:** The aluminum extrusion is as extruded.

**LOXITE:** The aluminum extrusion is polished to a high luster and clear anodized. Lengths to 24'. (Equals AA-M10-M22-A21, 31, or 41)

**LOXITE GOLD:** The aluminum extrusion is polished to a high luster, anodized and dyed gold. Lengths to 24'. (Equals AA-M10-M22-A23, 33, 43 or A21, 31, 41.

**POLISH:** Die lines are removed by a mechanical buffing process using a special polishing compound that imparts a high luster to the surface. The aluminum extrusion is not anodized and is subject to further oxidation. Lengths to 24'. (Equals AA-M10-M22)

**SUPER SATIN:** The aluminum extrusion is chemically etched (R1) and clear anodized. This finish is also available in a gold finish as Satin Gold. Lengths to 28' hollows, 31' solids. (Equals AA-M10-C22-A21, 31, or 41)

**BUFF SATIN:** The aluminum extrusion is mechanically buffed, chemically etched (R1) and clear anodized. This finish is also available in a buff gold finish as Buff Satin Gold. Lengths to 28' hollows, 31' solids. (Equals AA-M10-M22-C22-A21, 31, or 41)

**MILL BRITE:** The aluminum extrusion is chemically brightened (R5) and clear anodized. This finish is also available in gold and bronze finishes as Mill Brite Gold and Antique Mill Brite Gold. Lengths to 28' hollows, 30' solids. (Equals AA-M10-C31-A21, 31, or 41)

**BUFF BRITE:** The aluminum extrusion is mechanically buffed, chemically brightened and clear anodized. This finish is also available in gold and bronze finishes as Buff Brite Gold and Antique Buff Brite Gold. Lengths to 28' hollows, 30' solids. (Equals AA-M10-M22-C31-A21, 31, or 41)

**ELECTROLYTIC COLORING (2-STEP):** In the first step, the aluminum extrusion is clear anodized using conventional sulfuric anodizing. In the second step, the color is electrolytically deposited into the anodic pore. Colors range from champagne to black. 2-Step finish is much more resistant to fading than conventional color anodizing, however, some variation in color is unavoidable because of process variables. Lengths to 30'. (Equals AA-M10-C22-A24, 34, or 44)

**PAINT:** The aluminum extrusion is cleaned and treated with a conversion coating. The paint is then electrostatically applied and cured in a high temp oven. Lengths to 24' (Standard colors meet AAMA 603.8 specifications.)

**IMPORTANT** - Some gold and bronze anodized finishes are not colorfast. Consider end use (inside or outside application) when selecting a finish. Review end use application with a Loxcreen sales representative.

## **TEMPER**

**T-1:** Cooled from an elevated temperature and naturally aged to a substantially stable condition. Applies to products for which the rate of cooling from an elevated temperature, such as casting or extrusion, is such that their strength is increased by room temperature aging.

**T-4:** Solution heat-treated and naturally aged to a substantially stable condition. Applies to products that are not cold worked after solution heat-treatment, or in which the effect of cold work in flattening or straightening may not be recognized in mechanical property limits.

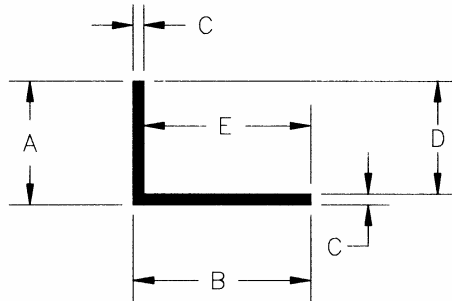
**T-5:** Cooled from an elevated temperature and then artificially aged. Applies to products that are cooled from an elevated temperature, such as casting or extrusion, and then artificially aged to improve mechanical properties or dimensional stability or both.

**T-6:** Solution heat-treated and then artificially aged. Applies to products that are not cold worked after solution heat-treatment, or in which the effect of cold work in flattening or straightening may not be recognized in mechanical property limits.

**T-52:** Stress-relieved by compressing. Applies to products that are stress-relieved by compressing after solution heat-treatment, to produce a permanent set of 1 to 5 percent.

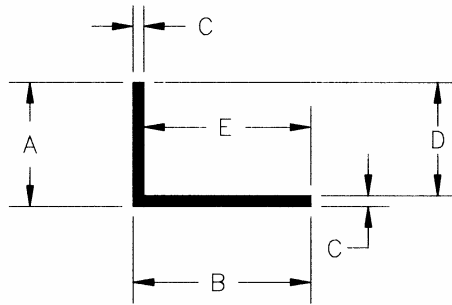
# ANGLES - UNEQUAL LEGS

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DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
AA002600	.250	.500	.062	.188	.438	.052	1.500	29
AA015173	.250	1.250	.125	.125	1.125	.206	3.000	15
AA016006	.312	.625	.062	.250	.563	.065	1.870	29
AA006842	.375	.500	.062	.313	.438	.060	1.750	29
AA000689	.375	.750	.062	.313	.688	.079	2.250	28
AA001652	.375	.750	.125	.250	.625	.150	2.250	15
AA007089	.375	.954	.050	.325	.904	.077	2.660	35
AA003612	.375	1.000	.062	.313	.938	.097	2.710	28
AA002644	.375	1.000	.125	.250	.875	.187	2.750	15
AA005314	.375	2.000	.062	.313	1.938	.172	4.750	28
AA002778	.500	.625	.062	.438	.563	.079	2.250	28
AA005855	.500	.750	.062	.438	.688	.089	2.500	28
AA000682	.500	1.000	.062	.438	.938	.107	3.000	28
AA002209	.500	1.250	.125	.375	1.125	.244	3.500	14
AA011667	.625	1.000	.062	.938	.938	.116	3.210	28
AA002246	.625	1.562	.050	.575	1.512	.128	4.374	34
AA015893	.750	1.000	.094	.656	.906	.187	3.500	19
AA002120	.750	1.000	.125	.625	.875	.244	3.500	14
AA000490	.750	1.250	.062	.688	1.188	.144	4.000	28
AA000497	.750	1.500	.062	.688	1.438	.163	4.500	28
AA008189	.750	1.500	.188	.562	1.312	.466	4.500	10

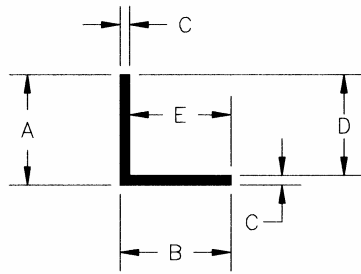
# ANGLES - UNEQUAL LEGS



DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
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AA001529	1.000	1.500	.050	.950	1.450	.148	5.000	34
AA004631	1.000	1.500	.078	.922	1.422	.227	5.000	22
AA001595	1.000	1.500	.094	.906	1.406	.271	5.000	18
AA001365	1.000	1.500	.125	.875	1.375	.356	5.000	14
AA002136	1.000	2.000	.050	.950	1.950	.176	5.990	34
AA000171	1.000	2.000	.094	.906	1.906	.328	6.000	18
AA008149	1.000	2.000	.125	.875	1.875	.431	6.000	14
AA008196	1.000	2.000	.188	.812	1.812	.635	6.000	9
AA003605	1.000	2.500	.125	.875	2.375	.506	7.000	14
AA001557	1.000	3.000	.094	.906	2.906	.440	8.000	18
AA001933	1.000	3.750	.125	.875	3.625	.694	9.500	14
AA007019	1.125	2.250	.125	1.000	2.125	.487	6.750	14
AA011277	1.250	1.500	.188	1.062	1.312	.578	5.500	10
AA015171	1.250	2.500	.250	2.250	2.250	1.050	7.500	7
AA002249	1.500	2.000	.062	1.438	1.938	.256	7.000	27
AA002250	1.500	2.000	.093	1.407	1.907	.380	7.000	18
AA013274	1.625	4.000	.250	1.375	3.750	1.613	11.250	7
AA018521	1.750	2.500	.125	1.625	2.375	.618	8.460	14
AA013275	1.750	4.750	.250	1.500	4.500	1.876	13.000	7
AA020353	2.000	2.500	.188	1.812	2.312	.973	8.980	9
AA020500	2.000	3.000	.062	1.938	2.938	.367	9.970	27
AA012473	2.000	3.000	.250	1.750	2.750	1.426	10.000	7
AA020655	2.000	3.000	.093	2.907	1.907	.547	9.970	18
AA007454	2.000	4.000	.125	1.875	3.875	.881	12.000	14
AA017651	2.500	3.000	.125	2.375	2.875	.806	11.000	14

# ANGLES - EQUAL LEGS

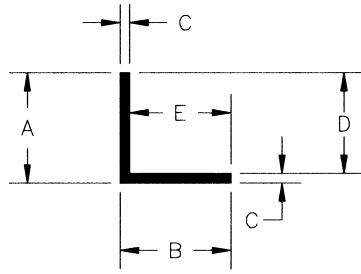
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DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
AA000796	.500	.500	.050	.450	.450	.058	2.000	34
AA000069	.500	.500	.055	.445	.445	.062	2.000	32
AA002224	.500	.500	.125	.375	.375	.131	2.000	15
AA012133	.750	.750	.040	.710	.710	.070	3.000	43
AA000089	.750	.750	.062	.688	.688	.107	3.000	28
AA000494	1.000	1.000	.045	.955	.955	.106	4.000	38
AA000199	1.000	1.000	.062	.938	.938	.144	4.000	28
AA001594	1.000	1.000	.094	.906	.906	.215	4.000	19
AA000382	1.000	1.000	.125	.875	.875	.281	4.000	14
AA008111	1.000	1.000	.250	.750	.750	.526	4.000	8
AA000191	1.250	1.250	.064	1.186	1.186	.187	5.000	27
AA018310	1.250	1.250	.100	1.150	1.150	.288	5.000	17
AA000637	1.250	1.250	.125	1.125	1.125	.356	5.000	14
AA008236	1.250	1.250	.187	1.063	1.063	.520	5.000	10
AA001912	1.500	1.500	.062	1.438	1.438	.218	6.000	28
AA012650	1.500	1.500	.115	1.385	1.385	.398	6.000	15
AA000421	1.500	1.500	.125	1.375	1.375	.431	6.000	14
AA008843	1.500	1.500	.188	1.312	1.312	.635	6.000	9
AA008221	1.750	1.750	.125	1.625	1.625	.506	7.000	14
AA002215	2.000	2.000	.062	1.938	1.938	.293	8.000	27
AA020654	2.000	2.000	.093	1.907	1.907	.436	7.970	18

# ANGLES - EQUAL LEGS

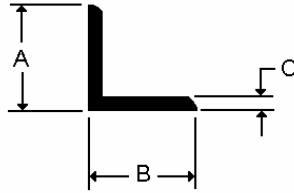
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DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
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AA008112	2.000	2.000	.187	1.813	1.813	.856	8.000	9
AA001447	2.000	2.000	.250	1.750	1.750	1.126	8.000	7
AA010552	2.500	2.500	.250	2.250	2.250	1.426	10.000	7
AA014734	2.750	2.750	.250	2.500	2.500	1.576	11.000	7
AA010029	3.000	3.000	.125	2.875	2.875	.881	12.000	14
AA012472	3.000	3.000	.250	2.750	2.750	1.726	12.000	7
AA002509	3.188	3.188	.094	3.094	3.094	.709	12.750	18

# ANGLES - RADIUS INSIDE CORNERS

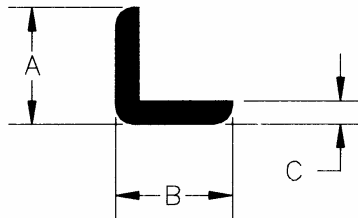
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DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA010773	2.000	2.000	.125	.574	7.890	14
AA013145	2.000	2.000	.250	1.093	7.790	7

# ANGLES - RADIUS OUTSIDE CORNERS

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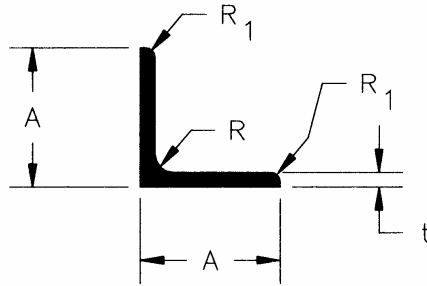


DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA000588	1.000	1.000	.125	.272	3.860	14
AA001896	1.310	2.060	.060	.234	6.630	28

# STANDARD STRUCTURAL SHAPES

## EQUAL ANGLES

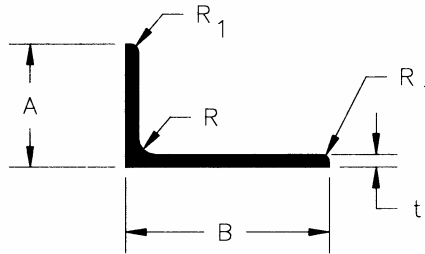
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DIE NO.	A	t	R	R <sub>1</sub>	AREA SQUARE INCHES	WEIGHT PER FOOT POUNDS
AA006481	3/4	5/64	1/16	3/32	.111	.133
AA014566	1	1/8	3/16	1/8	.235	.282
AA000380	1	1/8	1/8	1/8	.231	.277
AA008231	1-1/2	1/8	1/8	1/8	.356	.427
AA000093	1-1/2	1/8	3/16	1/8	.360	.432
AA008103	1-1/2	3/16	3/16	3/16	.519	.623
AA008245	1-1/2	1/4	3/16	1/8	.688	.826
AA020288	2	3/16	1/8	3/16	.701	.841
AA008124	2	3/16	3/16	3/16	.706	.847
AA008102	2	1/4	1/4	1/4	.925	1.110
AA008161	2	3/8	1/4	1/8	1.366	1.639
AA008138	3	1/4	5/16	1/4	1.432	1.718

# STANDARD STRUCTURAL SHAPES UNEQUAL ANGLES

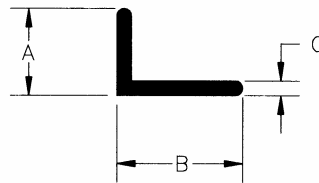
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DIE NO.	A	B	t	R	R <sub>1</sub>	AREA SQUARE INCHES	WEIGHT PER FOOT POUNDS
AA020633	1	1-1/2	1/4	3/16	1/8	.563	.676
AA008178	1-1/4	1-3/4	3/16	3/16	1/8	.527	.632
AA008125	2	3	3/16	3/16	3/16	.893	1.072
AA012730	2	3	3/16	5/16	3/16	.910	1.092
AA008179	2	3	1/4	5/16	3/16	1.193	1.432
AA014655	2	4	3/16	5/16	3/16	1.098	1.318

# UNEQUAL ANGLES - RADIUS ENDS

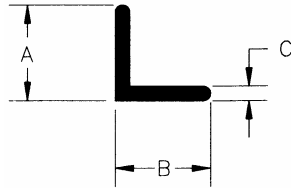
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DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA008278	1.125	1.375	.090	.244	4.940	20
AA012727	1.250	2.000	.125	.468	6.420	14

# EQUAL ANGLES - RADIUS ENDS

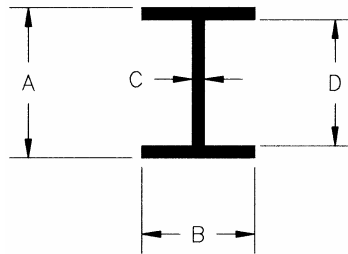
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DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA002550	.750	.750	.050	.088	3.000	34
AA016092	2.000	2.000	.250	1.109	7.790	7

# I-BEAMS

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DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	WT./FT.	PER.	FACTOR
AA009923	3.000	2.500	.350	2.300	3.091	15.03	5

# BAR STOCK - RECTANGULAR

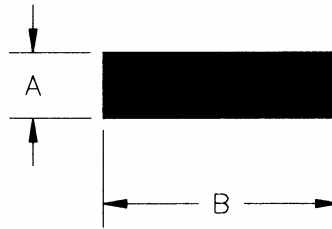
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DIE NO.	A-INCH	B-INCH	WT./FT.	PER.	FACTOR
AA000212	.050	.500	.030	1.100	37
AA000113	.062	.750	.056	1.624	29
AA000114	.062	1.000	.074	2.120	29
AA003549	.062	1.250	.094	2.625	28
AA000115	.062	1.500	.112	3.124	28
AA003531	.062	2.000	.149	4.124	28
AA010837	.065	3.000	.234	6.130	26
AA008155	.100	.480	.058	1.130	19
AA008247	.125	.375	.056	1.000	18
AA011207	.125	.500	.074	1.220	16
AA000313	.125	.625	.094	1.500	16
AA000617	.125	.688	.103	1.630	16
AA000614	.125	.750	.113	1.750	15
AA000219	.125	1.000	.150	2.250	15
AA007249	.125	1.160	.174	2.570	15
AA001294	.125	1.250	.187	2.750	15
AA000390	.125	1.500	.226	3.250	14
AA011206	.125	1.875	.281	3.970	14
AA000218	.125	2.000	.300	4.250	14
AA010028	.125	2.500	.376	5.250	14
AA002514	.125	3.000	.450	6.250	14
AA005318	.125	3.750	.562	7.720	14

# BAR STOCK - RECTANGULAR

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DIE NO.	A-INCH	B-INCH	WT./FT.	PER.	FACTOR
AA008242	.125	4.000	.600	8.250	14
AA000228	.187	1.000	.224	2.375	11
AA008101	.187	1.250	.281	2.875	10
AA008239	.187	2.000	.449	4.375	10
AA000615	.188	.750	.169	1.850	11
AA000837	.188	1.500	.338	3.376	10
AA010595	.188	3.000	.677	6.380	9
AA004179	.190	1.500	.342	3.380	10
AA010100	.250	.375	.112	1.240	1
AA001467	.250	.625	.187	1.750	9
AA000117	.250	1.000	.300	2.470	8
AA001364	.250	1.250	.376	3.000	8
AA001223	.250	1.500	.450	3.500	8
AA003353	.250	1.750	.526	4.000	8
AA001257	.250	2.000	.600	4.500	8
AA001246	.250	2.500	.750	5.500	7
AA000386	.250	3.000	.900	6.500	7
AA015170	.250	3.500	1.050	7.460	7
AA001957	.250	4.000	1.200	8.470	7

# BAR STOCK - RECTANGULAR

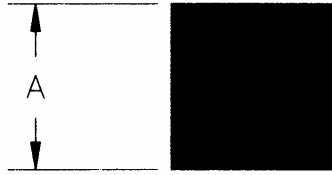
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DIE NO.	A-INCH	B-INCH	WT./FT.	PER.	FACTOR
AA012571	.250	5.000	1.500	10.500	7
AA003394	.250	6.000	1.800	12.500	7
AA018679	.375	.625	.281	1.980	7
AA016335	.375	1.000	.450	2.750	6
AA008158	.375	1.500	.674	3.700	5
AA008169	.375	2.000	.900	4.720	5
AA001505	.375	2.500	1.125	5.750	5
AA001258	.375	3.000	1.350	6.750	5
AA007100	.375	4.000	1.800	8.720	5
AA016017	.415	1.100	.548	3.030	6
AA001317	.500	1.000	.599	2.950	5
AA008146	.500	1.500	.899	3.950	4
AA001245	.500	2.000	1.200	5.000	4
AA008172	.500	3.000	1.800	7.000	4
AA001402	.500	4.000	2.400	9.000	4
AA011293	.560	.750	.504	2.620	5
AA008145	.750	2.000	1.799	5.450	3
AA008197	1.000	2.000	2.400	5.970	2
AA006132	1.000	4.000	4.800	10.000	2
AA007062	1.563	3.125	5.861	9.380	2

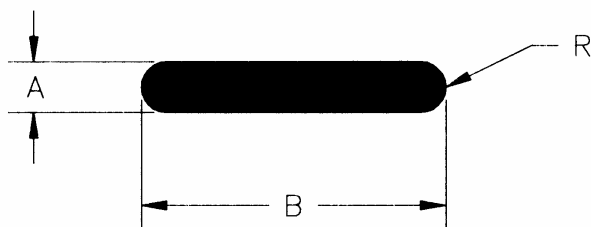
# SQUARE BAR

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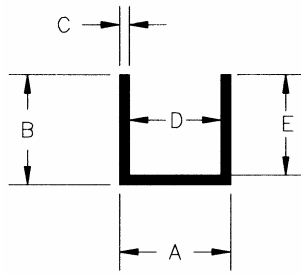
DIE NO.	A-INCH	WT./FT.	PER.	FACTOR
AA000375	.375	.169	1.500	16
AA000001	.500	.300	2.000	7
AA000162	.750	.676	3.000	4
AA008265	1.000	1.200	4.000	3
AA008130	1.500	2.696	5.890	2

# RECTANGULAR BAR - ROUNDED CORNERS



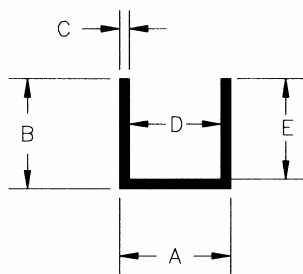
DIE NO.	A-INCH	B-INCH	R	WT./FT.	PER.	FACTOR
AA012132	.045	.875	.0225	.047	1.800	38
AA004229	.060	1.500	.0300	.107	3.071	29
AA011090	.125	.500	.0620	.071	1.140	16
AA006293	.125	.750	.0625	.108	1.640	15
AA005535	.184	1.683	.0920	.362	3.580	10
AA000311	.187	1.500	.0935	.328	3.210	10
AA007381	.187	3.250	.0935	.720	6.710	9
AA001982	.188	.750	.0940	.160	1.710	11
AA019708	.188	1.000	.094	.216	2.210	10
AA015217	.250	2.000	.1250	.584	4.290	7
AA008159	.250	2.500	.1250	.734	5.290	7
AA002399	.500	1.500	.2500	.835	3.570	4
AA002691	.500	2.000	.2500	1.135	4.571	4

# CHANNELS



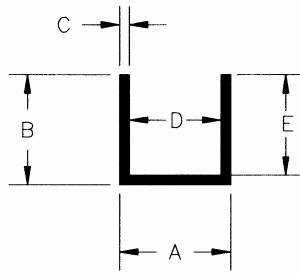
DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
AA000085	.374	.375	.062	.250	.313	.074	2.120	29
AA000243	.375	.500	.068	.239	.432	.101	2.610	26
AA002397	.379	.937	.062	.255	.875	.158	4.380	28
AA002908	.430	1.000	.060	.310	.940	.167	4.740	28
AA000287	.500	.500	.046	.408	.454	.078	2.860	37
AA002440	.500	.500	.062	.376	.438	.102	2.876	28
AA006867	.500	.500	.125	.250	.375	.187	2.700	14
AA001734	.562	.750	.094	.374	.656	.211	3.940	19
AA007447	.625	.370	.050	.525	.320	.076	2.590	34
AA005421	.625	.625	.062	.501	.563	.131	3.630	28
AA004180	.639	.562	.062	.514	.500	.122	3.400	28
AA007446	.690	.750	.055	.580	.695	.137	4.220	31
AA010110	.750	.312	.062	.626	.250	.094	2.620	28
AA008246	.750	.375	.125	.500	.250	.187	2.750	15
AA000495	.750	.500	.125	.500	.375	.226	3.250	14
AA001508	.750	.625	.094	.562	.531	.204	3.810	19
AA005860	.750	.750	.062	.626	.688	.158	4.380	28
AA008227	.750	.750	.125	.500	.625	.300	4.250	14
AA011037	.874	.562	.062	.750	.500	.139	3.870	28
AA005861	.875	.312	.062	.750	.250	.102	2.870	28
AA000082	.912	.375	.050	.812	.325	.094	3.220	34

# CHANNELS



DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
AA002415	.937	.812	.062	.813	.750	.181	5.000	28
AA000083	.975	.375	.050	.875	.325	.097	3.350	35
AA000288	1.000	.500	.125	.750	.375	.263	3.750	14
AA002809	1.000	.625	.062	.876	.563	.158	4.380	28
AA008215	1.000	.750	.125	.750	.625	.337	4.750	14
AA000238	1.000	1.000	.125	.750	.875	.413	5.750	14
AA000087	1.125	.312	.062	1.001	.250	.121	3.370	28
AA000387	1.125	.875	.062	1.000	.813	.206	5.630	27
AA013534	1.156	.875	.062	1.032	.813	.206	5.690	28
AA000134	1.250	.500	.125	1.000	.375	.300	4.250	14
AA001922	1.250	1.250	.125	1.000	1.125	.526	7.250	14
AA008228	1.250	1.250	.187	.876	1.063	.757	7.130	9
AA004266	1.312	.500	.062	1.188	.438	.163	4.500	28
AA019770	1.375	1.375	.055	1.265	1.320	.265	8.090	31
AA016685	1.500	.500	.125	1.250	.375	.337	4.680	14
AA002946	1.500	.750	.062	1.376	.688	.214	5.820	27
AA008121	1.500	1.000	.125	1.250	.875	.487	6.750	14
AA002850	1.500	1.500	.125	1.250	1.375	.637	8.750	14
AA003382	1.625	.312	.062	1.500	.250	.160	4.370	30
AA000172	1.750	.750	.125	1.500	.625	.450	6.250	14
AA017354	1.750	1.000	.093	1.564	.907	.397	7.290	18
AA016662	1.750	1.750	.093	1.564	1.657	.564	10.230	18
AA004872	1.875	1.250	.125	1.625	1.125	.619	8.500	14

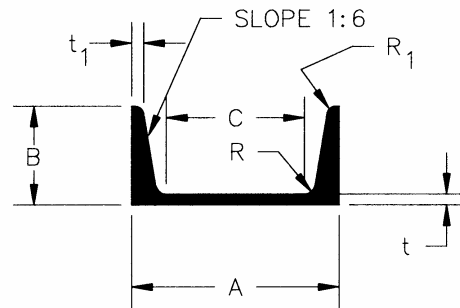
# CHANNELS



DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	E-INCH	WT./FT.	PER.	FACTOR
AA011968	2.000	.750	.093	1.814	.625	.370	6.810	18
AA012159	2.000	.750	.125	1.814	.625	.439	6.750	15
AA000164	2.000	1.000	.125	1.750	.875	.563	7.750	14
AA015163	2.000	2.000	.188	1.624	1.812	1.268	11.620	9
AA011969	2.110	1.000	.055	2.000	.945	.264	8.110	31
AA005345	2.375	1.250	.250	1.875	1.000	1.313	9.250	7
AA005104	2.500	1.000	.062	2.376	.938	.325	8.880	27
AA017166	2.500	1.000	.125	2.250	.875	.637	8.750	14
AA008181	2.500	1.500	.125	2.250	1.375	.787	10.750	14
AA005549	2.500	2.500	.125	2.250	2.375	1.087	14.750	14
AA005158	3.000	.750	.062	2.875	.688	.325	8.880	27
AA003550	3.000	1.000	.125	2.750	.875	.713	9.750	14
AA000992	3.000	1.500	.062	2.876	1.438	.437	11.880	27
AA008133	3.000	2.000	.250	2.500	1.750	1.950	13.500	7
AA010592	3.250	1.125	.125	3.000	1.000	.787	10.750	14
AA011485	3.500	2.312	.375	2.750	1.937	3.318	15.490	5
AA000456	4.000	1.000	.078	3.844	.922	.547	11.844	22
AA006542	4.000	1.750	.102	3.796	1.648	.893	14.800	17
AA008277	4.500	1.625	.125	4.250	1.500	1.126	15.250	14
AA002767	5.250	1.500	.125	5.000	1.375	1.200	16.200	14

# CHANNELS - AMERICAN STANDARD

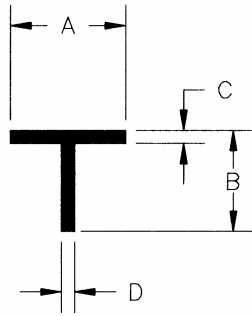
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DIE NO.	A	B	C	t	t <sub>1</sub>	R	R <sub>1</sub>	AREA SQUARE INCHES	WEIGHT PER FOOT POUNDS
AA007456	3.000	1.000	1-3/4	.258	.170	.270	.100	1.234	1.481
AA008191	3.000	1.498	1-3/4	.258	.170	.270	.100	1.470	1.764
AA008162	5.000	1.750	3-3/4	.190	.190	.290	.110	1.969	2.363

# TEE SECTIONS

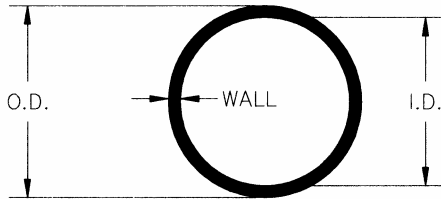
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DIE NO.	A-INCH	B-INCH	C-INCH	D-INCH	WT./FT.	PER.	FACTOR
AA001455	.750	.750	.062	.062	.107	3.000	28
AA001915	.875	1.125	.125	.125	.281	4.000	14
AA012157	.930	.870	.060	.060	.125	3.600	29
AA011177	1.250	.750	.062	.062	.144	4.000	28
AA013305	2.000	.750	.125	.125	.394	5.500	14

# ROUND TUBES

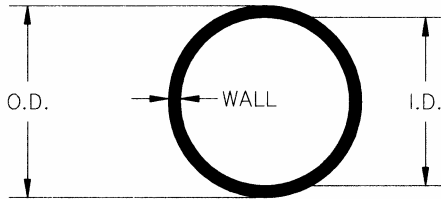
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DIE NO.	O.D.	I.D.	WALL	WT./FT.	PER.	FACTOR
AA012520	.375	.275	.050	.061	2.040	33
AA004059	.375	.170	.102	.106	1.712	16
AA013109	.500	.324	.088	.137	2.590	19
AA005431	.606	.512	.047	.100	3.510	35
AA006284	.625	.505	.060	.128	3.550	28
AA008235	.625	.527	.049	.107	3.620	34
AA013360	.625	.445	.090	.181	3.360	19
AA002058	.745	.621	.062	.160	4.300	27
AA004015	.750	.650	.050	.132	4.400	33
AA008894	.750	.670	.040	.107	4.460	42
AA006891	.767	.687	.040	.109	4.570	42
AA005836	.859	.761	.049	.150	5.090	34
AA001936	.875	.657	.109	.314	4.810	15
AA001968	.875	.751	.062	.190	5.110	27
AA004182	.875	.777	.049	.152	5.190	34
AA006890	.875	.795	.040	.126	5.250	42
AA008144	1.000	.750	.125	.413	5.500	13
AA004184	1.000	.870	.065	.229	5.870	26
AA008677	1.000	.876	.062	.218	5.890	27
AA002079	1.000	.900	.050	.179	5.970	33
AA004442	1.125	1.031	.047	.191	6.770	35
AA008128	1.250	1.000	.125	.530	7.070	13
AA019342	1.250	1.073	.177	.716	6.740	9
AA008136	1.250	1.150	.050	.226	7.540	33

# ROUND TUBES

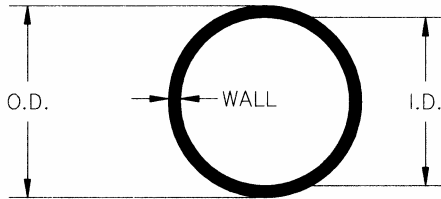
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DIE NO.	O.D.	I.D.	WALL	WT./FT.	PER.	FACTOR
AA014744	1.325	1.075	.125	.565	7.540	13
AA008143	1.500	1.000	.250	1.178	7.850	7
AA008152	1.500	1.250	.125	.648	8.640	13
AA008253	1.500	1.280	.110	.576	8.730	15
AA002947	1.500	1.370	.065	.352	9.020	26
AA007451	1.500	1.400	.050	.274	9.110	33
AA008171	2.000	1.500	.250	1.649	11.000	7
AA018378	2.000	1.860	.140	.982	11.680	12
AA012012	2.000	1.750	.125	.884	11.780	13
AA008165	2.000	1.870	.065	.474	12.150	26
AA013892	2.000	1.902	.049	.361	12.260	34
AA015051	2.165	1.915	.125	.961	12.820	13
AA002948	2.250	2.090	.080	.654	13.630	21
AA015369	2.300	2.050	.125	1.025	13.670	13
AA018490	2.500	2.310	.095	.862	15.110	18
AA009597	2.875	2.535	.170	1.734	17.000	10
AA005433	2.875	2.555	.160	1.638	17.060	10
AA013320	3.000	2.812	.094	1.031	18.250	18
AA008208	3.500	3.250	.125	1.590	21.210	13
AA008229	4.000	3.500	.250	3.534	23.560	7
AA008207	4.000	3.750	.125	1.826	24.350	13

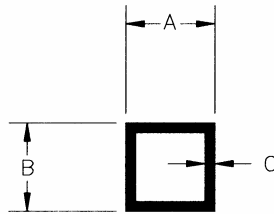
# EXTRUDED ALUMINUM PIPE

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DIE NO.	Nom. Pipe Size (Inches)	O.D. (Inches)	Sched. No.	I. D. (Inches)	Wall Thick (Inches)	Nom. Wgt. Per Linear Foot	Perimeter
AA002198	1/2	.840	40	.622	.109	.300	4.593
AA008105	3/4	1.050	40	.824	.113	.400	5.891
AA008116	1	1.315	40	1.049	.133	.593	7.430
AA008261	1	1.315	80	.957	.179	.767	7.140
AA008243	1-1/4	1.660	10	1.442	.109	.637	9.750
AA008107	1-1/4	1.660	40	1.380	.140	.803	9.550
AA014429	1-1/2	1.900	10	1.682	.109	.736	11.250
AA008108	1-1/2	1.900	40	1.610	.145	.960	11.030
AA007184	2	2.375	10	2.157	.109	.931	14.240
AA008109	2	2.375	40	2.067	.154	1.290	13.950
AA008170	2-1/2	2.875	40	2.469	.203	2.045	16.790
AA008118	3	3.500	40	3.068	.216	2.674	20.640

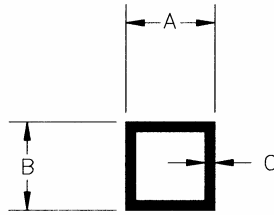
# SQUARE TUBE



DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA005748	.490	.490	.050	.106	3.530	33
AA005777	.625	.625	.050	.138	4.600	33
AA003419	.750	.750	.062	.205	5.500	27
AA018889	.750	.750	.125	.374	4.960	13
AA008148	1.000	1.000	.062	.280	7.450	27
AA000860	1.000	1.000	.125	.526	7.000	13
AA010067	1.234	1.234	.050	.284	9.420	33
AA003872	1.250	1.250	.062	.354	9.500	27
AA013329	1.250	1.250	.097	.536	9.220	17
AA008223	1.250	1.250	.125	.676	9.000	13
AA011508	1.500	1.500	.062	.428	11.500	27
AA013328	1.500	1.500	.072	.493	11.420	23
AA018546	1.500	1.500	.095	.641	11.240	18
AA008222	1.500	1.500	.125	.826	11.000	13
AA015509	1.750	1.750	.090	.718	13.280	18
AA008167	1.750	1.750	.125	.976	13.000	13
AA011498	2.000	2.000	.060	.559	15.465	28
AA018649	2.000	2.000	.093	.851	15.260	18
AA008123	2.000	2.000	.125	1.126	15.000	13

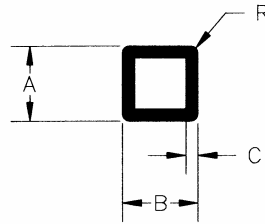
# SQUARE TUBE

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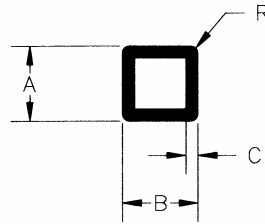
DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA008264	2.000	2.000	.187	1.627	14.500	9
AA010910	2.000	2.000	.250	2.100	13.950	7
AA018822	2.500	2.500	.075	.874	9.970	22
AA019090	2.500	2.500	.125	1.426	18.960	13
AA004871	2.625	2.625	.125	1.500	20.000	13
AA002851	3.000	3.000	.062	.881	23.450	27
AA008785	3.000	3.000	.092	1.284	24.550	19
AA006167	3.000	3.000	.125	1.726	23.000	13
AA020741	3.000	3.000	.250	3.300	21.950	7

# SQUARE TUBE WITH RADIUS



DIE NO.	A-INCH	B-INCH	C-INCH	R	WT./FT.	PER.	FACTOR
AA019982	.500	.500	.063	.012	.131	3.460	26
AA008097	.500	.500	.080	.047	.158	3.280	21
AA020078	.620	.620	.045	.063	.121	4.440	37
AA018650	.625	.625	.045	.015	.125	4.590	37
AA011461	.625	.625	.045	.045	.124	4.537	37
AA012484	.625	.625	.062	.062	.163	4.400	27
AA020079	.745	.745	.055	.094	.174	5.310	31
AA018695	.750	.750	.055	.031	.184	5.450	30
AA018802	.750	.750	.055	.062	.180	5.420	30
AA008771	.750	.750	.062	.093	.193	5.290	27
AA018643	.750	.750	.062	.188	.185	4.970	27
AA012485	.750	.750	.065	.062	.210	5.370	26
AA019008	.750	.750	.090	.020	.284	5.220	18
AA014880	.760	.760	.100	.031	.316	5.230	17
AA003938	.812	.812	.049	.078	.174	5.920	34
AA013003	.813	.813	.100	.062	.338	5.600	17
AA014879	.836	.836	.062	.031	.229	6.140	27
AA005350	.937	.937	.041	.119	.168	6.830	41
AA015771	.986	.986	.055	.086	.239	7.250	30
AA005273	1.000	1.000	.041	.119	.180	7.340	41
AA004274	1.000	1.000	.045	.123	.197	7.290	37
AA000855	1.000	1.000	.050	.031	.227	7.550	33
AA007993	1.000	1.000	.055	.031	.248	7.510	30
AA013883	1.000	1.000	.057	.125	.247	7.220	29
AA019345	1.000	1.000	.059	.093	.259	7.310	28
AA004981	1.000	1.000	.062	.046	.277	7.430	27
AA009215	1.000	1.000	.062	.093	.271	7.290	27

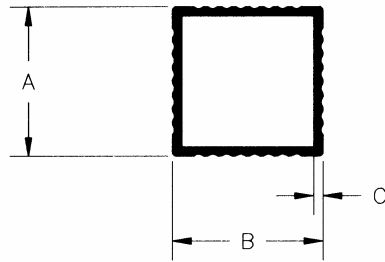
# SQUARE TUBE WITH RADIUS



DIE NO.	A-INCH	B-INCH	C-INCH	R	WT./FT.	PER.	FACTOR
AA010292	1.000	1.000	.075	.093	.324	7.210	22
AA016908	1.000	1.000	.090	.093	.384	7.120	19
AA011154	1.000	1.000	.100	.093	.424	7.010	17
AA006947	1.000	1.000	.125	.125	.509	6.790	13
AA019062	1.020	1.020	.120	.180	.490	6.790	14
AA012543	1.125	1.125	.065	.156	.314	8.060	26
AA013910	1.250	1.250	.065	.140	.355	9.110	26
AA010032	1.250	1.250	.090	.125	.486	9.000	19
AA000856	1.500	1.500	.050	.031	.347	11.550	33
AA008969	1.500	1.500	.062	.093	.420	11.290	27
AA013337	1.500	1.500	.090	.032	.610	11.170	18
AA015079	1.500	1.500	.125	.093	.816	10.840	13
AA019063	1.520	1.520	.120	.180	.778	10.790	14
AA001837	1.650	1.650	.125	.031	.914	12.150	13
AA015933	1.765	1.765	.110	.062	.871	13.080	15
AA016136	2.000	2.000	.125	.125	1.110	14.730	13
AA019782	2.000	2.000	.250	.250	2.100	13.140	6
AA020423	2.250	2.250	.125	.031	1.276	16.89	13
AA016135	3.000	3.000	.125	.125	1.710	22.730	13
AA018450	4.000	4.000	.125	.078	2.318	30.850	13
AA015227	4.000	4.000	.250	.125	4.484	29.790	7

# FLUTED SQUARE TUBE

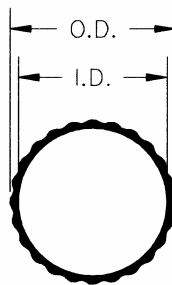
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DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA006946	.975	.975	.040	.196	8.060	41
AA003947	1.000	1.000	.053	.227	7.680	34
AA003584	1.000	1.000	.057	.246	7.610	31

# FLUTED ROUND TUBE

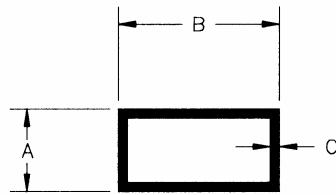
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DIE NO.	O.D.	I.D.	WT./FT.	PER.	FACTOR
AA019709	.750	.700	.106	4.46	42
AA007346	.860	.760	.122	5.18	42
AA005170	1.000	.900	.148	6.07	41
AA003747	1.750	1.350	.323	10.68	33

# RECTANGULAR TUBE

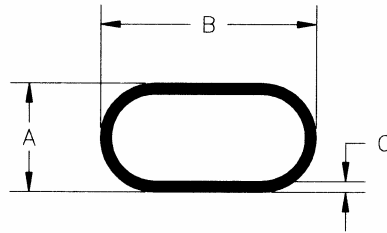
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DIE NO.	A-INCH	B-INCH	C-INCH	WT./FT.	PER.	FACTOR
AA009556	.500	1.000	.062	.205	5.500	27
AA007743	.625	1.250	.062	.261	7.000	27
AA008127	1.000	1.500	.125	.674	9.000	13
AA003759	1.000	2.000	.060	.415	11.520	28
AA002894	1.000	2.000	.078	.533	11.380	21
AA008168	1.000	2.000	.125	.826	10.940	13
AA020623	1.000	3.000	.090	.826	15.230	18
AA016860	1.000	3.000	.125	1.124	14.950	13
AA008660	1.000	4.000	.125	1.426	19.000	13
AA020625	1.000	5.000	.090	1.258	23.230	18
AA015062	1.125	2.250	.125	.937	12.500	13
AA009846	1.180	1.750	.055	.372	11.230	30
AA017361	1.375	3.000	.125	1.237	16.450	13
AA012097	1.500	2.000	.125	.974	13.000	13
AA014309	1.500	2.500	.125	1.126	15.000	13
AA013763	1.500	3.000	.125	1.276	17.000	13
AA018890	1.500	4.000	.125	1.576	20.96	13
AA005462	1.500	4.000	.180	2.220	20.470	9
AA002895	1.750	3.000	.125	1.350	18.020	13
AA002606	1.750	4.000	.090	1.204	22.280	19
AA008110	1.750	4.000	.125	1.650	21.950	13
AA013452	1.750	4.500	.109	1.415	24.190	17
AA014446	1.750	5.000	.125	1.950	26.000	13
AA019912	2.000	3.000	.060	.703	19.480	28
AA016657	2.000	3.000	.125	1.426	19.000	13
AA020624	2.000	4.000	.090	1.258	23.230	18
AA020166	2.000	5.000	.125	2.026	27.000	13

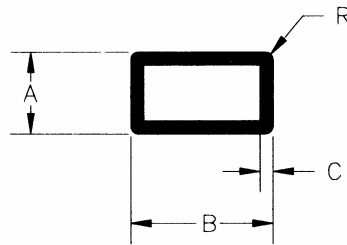
# OVAL TUBE

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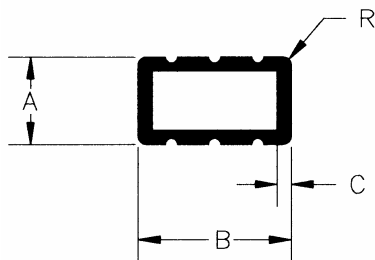
DIE NO.	A	B	C	WT./FT.	PER.	FACTOR
AA014457	.750	2.500	.060	.408	11.34	28
AA014471	.750	4.000	.060	.624	17.34	28
AA014558	1.000	1.875	.125	.674	9.00	13
AA014470	1.250	4.000	.135	1.458	18.01	12
AA014556	1.260	3.000	.135	1.136	14.03	12

# RECTANGULAR TUBE WITH RADIUS



DIE NO.	A-INCH	B-INCH	C-INCH	R	WT./FT.	PER.	FACTOR
AA013339	1.000	1.250	.090	.032	.448	8.170	18
AA005736	1.000	1.500	.045	.107	.252	9.350	37
AA018373	1.000	1.500	.062	.093	.346	9.290	27
AA013336	1.000	1.500	.090	.032	.502	9.170	18
AA004210	1.000	2.000	.047	.125	.318	11.280	35
AA009349	1.000	2.000	.083	.098	.554	11.140	20
AA005384	1.000	3.000	.125	.062	1.121	14.890	13
AA012488	1.265	2.500	.125	.375	.974	12.990	13
AA015213	1.500	2.000	.125	.095	.966	12.840	13
AA020582	1.500	2.750	.070	.156	.673	16.020	24
AA013338	1.500	3.000	.125	.032	1.276	16.890	13
AA015078	1.500	4.000	.125	.095	1.566	20.840	13
AA019406	2.000	4.000	.125	.250	1.676	22.360	13

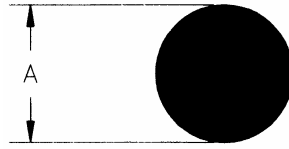
# FLUTED RECTANGULAR TUBE WITH RADIUS



DIE NO.	A-INCH	B-INCH	C-INCH	R	WT./FT.	PER.	FACTOR
AA001780	.750	1.000	.062	.031	.226	6.937	31

# ROUND RODS

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DIE NO.	A-INCH	WT./FT.	PER.	FACTOR
AA008137	.250	.059	.785	13
AA001902	.312	.091	.980	11
AA008233	.375	.133	1.180	9
AA007684	.438	.180	1.370	8
AA008156	.500	.235	1.571	7
AA008153	.625	.368	1.964	5
AA001287	.750	.530	2.360	4
AA008234	1.000	.942	3.142	3
AA014870	1.375	1.782	4.320	2
AA014871	2.000	3.770	6.280	2

# Terms & Conditions

1. **CONTRACT BETWEEN BUYER AND SELLER:** A written order and acknowledgment shall constitute the contract between Buyer and Seller, and said Contract may not be amended or rescinded except by written agreement by both parties, referring expressly to this contract.
2. **WARRANTY:** Seller warrants that merchandise sold to Buyer shall be free from defects in material and workmanship and shall conform to specifications. **EXCEPT FOR SUCH WARRANTY, THE SELLER DISCLAIMS ANY AND ALL OTHER WARRANTIES OF ANY KIND WHATSOEVER, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE AND INCLUDING BUT NOT LIMITED TO ANY ORAL OR WRITTEN DESCRIPTION OF THE PRODUCTS, THEIR CHARACTERISTICS OR PROPERTIES OTHER THAN THAT SPECIFICALLY STATED IN THE FOREGOING LIMITED WARRANTY. SELLER SHALL HAVE NO LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES AS A RESULT OF THE SALE OF ITS MERCHANDISE.** In the event that its merchandise is not as warranted, Buyer's sole remedy will be, at Seller's election, replacement of the merchandise or return of the purchase price. Prior written approval from the Seller must be secured before returning any merchandise for credit.
3. **TOLERANCES:** Standard Commercial tolerances apply unless otherwise specified.
4. **PRICE:** Prices are based on existing conditions and are subject to change, at our discretion, at any time prior to order shipment. Unless otherwise specified, all prices are based on quantity shipped per release, with Buyer accepting over-run or under-run on each individual item based on standard shipping tolerances. Exact control of quantity shipped must be specified as a requirement of said contract.
5. **CREDIT:** All shipments shall be subject to the approval of Seller's Credit Department. If, in the sole judgment of the Seller, the financial responsibility of the Buyer is unsatisfactory, or becomes impaired, or if Buyer fails to make any payment in accordance with the terms of the contract, then Seller may defer or decline to make any shipments except upon receipt of satisfactory security or cash payments in advance, or Seller may terminate the contract.
6. **TAXES:** All prices are subject to the net additions of all Federal, State, or Municipal taxes or charges which may be established or levied upon or assessed against the merchandise under contract.
7. **SHIPMENTS:** Unless otherwise specified, title to all merchandise, and the risk of loss, shall pass to the Buyer upon delivery by the Seller to the transportation carrier at the shipping point or the actual transfer of possession to the Buyer, whichever is earlier.
8. **DELAYS:** Seller cannot be held liable for loss or damage arising from delay in fulfilling or failure to fulfill any accepted order in accordance with its terms where such delay or failure is caused by shortage of materials, delays of carriers, embargoes, fires, floods, strikes, riots, wars, acts of God, or other causes beyond our control.
9. **RETURNED MATERIAL AUTHORIZATION:** Seller must be notified within 10 days after delivery of Buyer's request to return merchandise. Upon receipt of Seller's authorization, merchandise must be returned within 30 days in accordance with Seller's shipping instructions. Merchandise must be returned in exactly the same condition as in which it was received by Buyer. Handling and restocking fees will be charged to Buyer's account.
10. **CANCELLATION:** Said contract is subject to cancellation only upon Seller's acceptance of such cancellation in writing and the effective date of cancellation shall be the date of such acceptance. Payment of cancellation charges shall be made by Buyer upon receipt of statement of same. Cancellation charges shall not exceed the purchase price of the canceled portion of the contract.
11. **EQUIPMENT:** Any equipment (including jigs, process dies and tools, etc.) which Seller constructs or acquires specifically for use on Buyer's order shall be the sole property of Seller, whether or not they are charged to Buyer's account. Die charges are for exclusive use of extrusion tooling and are not subject to refund. Dies which indicate no activity for two years or more will be scrapped without notice and replacement cost will be for Buyer's account.
12. **PATENT PROTECTION:** Seller agrees to indemnify Buyer against any claims or liabilities for or by reason of alleged patent infringement arising from the manufacture or sale of any merchandise furnished Buyer hereunder, except where the specifications, process, design or method of manufacture originated with Buyer, in which event Buyer agrees to indemnify Seller in like manner.

# THE *Loxreen* COMPANY, INC.

Contact our Service Center near you for more information.

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*PRICES ARE AVAILABLE UPON REQUEST.*