EXLABESA
INDUSTRY

Massive. Beautiful.
Efficient.

Standards Catalog

USA - 05/2022

Exlabesa Extrusion Tifton, Inc.

250 Southwell Boulevard - Tifton
Georgia (USA)
Tel. +229 382 7330
www.exlabesa.com

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Extruding and shaping your world

At **Exlabesa** we want to make aluminium a solution that allows the world to have the shape it needs, discovering new ways for the industry, making the impossible possible.

We make true the needs, dreams and aspirations of those around us, inspiring new possibilities, extruding and giving impossible shapes to aluminium, with the capacity of a giant and the precision of those who take care of the details, to help you get where nobody has arrived before.

We design, research, extrude and manufacture the perfect solution to help you in making everything you can imagine possible, with the conviction, experience and certainty of making it a happen, thanks to our experience, inimitable production capabilities, state-of-the-art technology and the best talent in the industry ready to make possible the impossible.

You inspire the energy
that move us,
we shape the world
that inspires you

Borders? They don't exist

Exlabesa Extrusion Tifton

In 2011, **Exlabesa** made a move to compete globally and enter the largest aluminum market in the world - it acquired the Tifton Extrusions, Inc. manufacturing plant with a long history of aluminum extrusion in Tifton (Georgia, USA). The factory was established in 1966, and thus ideally suited to our company in terms of experience, providing the foundation for a new common milestone.

Over those years, Exlabesa Extrusion Tifton, Inc. has expanded and diversified its marketplace by investing in 4 new extrusion presses equipped with the latest technology and new product lines, allowing the company to take a significant position in a variety of sectors such as construction, architecture, transportation, industry, automotive and agriculture.

- 4 extrusion presses
- Alloys: 6005, 6005A, 6060, 6061, 6063, 6101, 6463, 6705
- Tempers: T1, T3, T4, T5, T52, T6, T6511
- Annual production capacity: 65 million lbs.
- Maximum diameter of hollow profiles: up to 12''
- Maximum diameter of solid profiles: up to 14''
- Maximum weight per profile: 6 lbs./ft
- Maximum length of extruded profile: 53 ft
- 1 precision cutting center
- 25' electrostatic paint: wet paint, AAMA 2603 & 2604

Massive. Beautiful.
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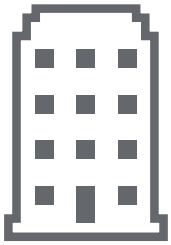
Empowering industries

Market segments

The perfect choice for all kind of industries, answering in a satisfactory way to the demands of each one.

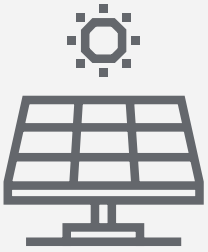
Aluminum is light and strong, as well as flexible and ductile, making it one of the highest quality and most versatile materials on the market.

Our capabilities allow us to offer a wide range of high-quality products to a wide variety of clients from different sectors. We are able to manufacture totally customized profiles to suit each project from large to small pieces, taking a significant position in a variety of sectors such as construction, architecture, transportation, industry, automotive and agriculture.



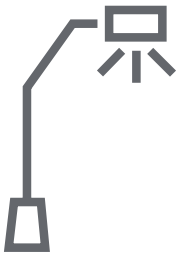
ARCHITECTURAL

- Windows
- Doors
- Fencing
- Docks
- Stadium seating
- Beams
- Channels
- Tubing
- Curtain Walls
- Store fronts



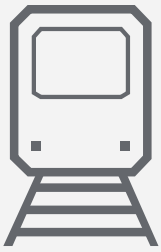
DISTRIBUTION

- Rod and bar
- Angles
- Channels
- Pipe and tube



ELECTRICAL

- Connectors
- Bus bar
- Transmission
- Cable tray
- Heat sink
- Air strips



TRANSPORTATION

- Semi-trailer
- Bus and train windows
- RV
- Cargo trailer

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Flat bar

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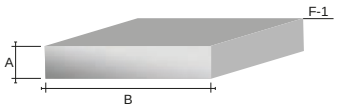
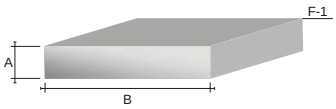
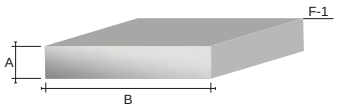


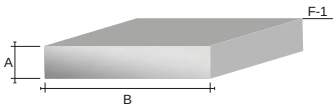
Reference	Description	A	B	F-1	Wt/Ft	Factor
T-10348	3/32 x 3.559 flat bar	0.094	3.559	0.015	0.401	18
T-10426	.100 x 2 flat bar (full rad ends)	0.100	2.000	0.050	0.237	17
T-10872	.110 x .970 flat bar	0.110	0.970	0.015	0.128	16
T-10680	1/8 x 3/4 flat bar	0.125	0.750	0.015	0.112	15
T-10748	1/8 x 1 flat bar	0.125	1.000	0.015	0.150	15
T-10286	1/8 x 1-1/4 flat bar	0.125	1.250	0.015	0.187	15
T-10433	1/8 x 1-1/2 flat bar	0.125	1.500	0.015	0.225	14
T-10546	1/8 x 2 flat bar	0.125	2.000	0.015	0.300	14
T-12496	1/8 x 2.5 flat bar	0.125	2.500	0.015	0.375	14
T-10547	1/8 x 3 flat bar	0.125	3.000	0.015	0.450	14
T-10797	1/8 x 4 flat bar	0.125	4.000	0.015	0.600	13
T-10864	1/8 x 6 flat bar	0.125	6.000	0.016	0.900	14
T-12520	.140 x 2.500 flat bar	0.140	2.500	0.015	0.420	13
T-11239	.156 x .750 flat bar (full rad ends)	0.156	0.750	0.078	0.134	13
T-10429	.17 x 6 flat bar	0.170	6.000	0.016	1.224	10
T-10061	3/16 x 3/4 flat bar	0.188	0.750	0.020	0.169	11
T-10822	3/16 x 1 flat bar	0.188	1.000	0.015	0.225	10
T-10591	3/16 x 1-1/2 flat bar	0.188	1.500	0.015	0.338	10
T-10592	3/16 x 2 flat bar	0.188	2.000	0.015	0.451	10
T-10064	3/16 x 3 flat bar	0.188	3.000	0.015	0.674	9
T-10637	3/16 x 4 flat bar	0.188	4.000	0.015	0.902	9
T-10647	3/16 x 5 flat bar	0.188	5.000	0.015	1.128	9
T-10034	1/4 x 3/4 flat bar	0.250	0.750	0.015	0.225	8
T-10397	1/4 x 1 flat bar	0.250	1.000	0.015	0.300	8
T-10638	1/4 x 1-1/4 flat bar	0.250	1.250	0.015	0.376	8



Reference	Description	A	B	F-1	Wt/Ft	Factor
T-10398	1/4 x 1-1/2 flat bar	0.250	1.500	0.015	0.450	8
T-10028	1/4 x 2 flat bar	0.250	2.000	0.015	0.600	8
T-10783	1/4 x 2 flat bar 1/16 rad corners	0.250	2.000	0.062	0.596	7
T-10798	1/4 x 2-1/2 flat bar	0.250	2.500	0.015	0.750	7
T-10033	1/4 x 3 flat bar	0.250	3.000	0.015	0.900	7
T-10606	1/4 x 3-1/4 flat bar	0.250	3.250	0.015	0.976	7
T-10032	1/4 x 4 flat bar	0.250	4.000	0.015	1.200	7
T-11073	1/4 x 4 flat bar (full rad ends)	0.250	4.000	0.125	1.184	7
T-10593	1/4 x 5 flat bar	0.250	5.000	0.015	1.500	7
T-10342	1/4 x 6 flat bar	0.250	6.000	0.015	1.800	7
T-10693	1/4 x 6 flat bar 1/16 rad corners	0.250	6.000	0.062	1.796	7
T-11080	1/4 x 8 flat bar	0.250	8.000	0.015	2.400	7
T-10452	1/4 x 8-3/4 flat bar 1/16 rad corners	0.250	8.750	0.062	2.621	7
T-10308	5/16 x 5 flat bar	0.312	5.000	0.015	1.872	6
T-10705	3/8 x 1 flat bar	0.375	1.000	0.015	0.450	6
T-11152	3/8 x 1-1/4 flat bar	0.375	1.250	0.015	0.562	6
T-11159	3/8 x 1-1/2 flat bar	0.375	1.500	0.015	0.675	6
T-10548	3/8 x 2 flat bar	0.375	2.000	0.015	0.900	5
T-10657	3/8 x 2-1/2 flat bar	0.375	2.500	0.015	1.125	5
T-10399	3/8 x 3 flat bar	0.375	3.000	0.015	1.350	5
T-10658	3/8 x 4 flat bar	0.375	4.000	0.015	1.800	5
T-10549	3/8 x 5 flat bar	0.375	5.000	0.015	2.250	5
T-10706	3/8 x 6 flat bar	0.375	6.000	0.015	2.700	5
T-11909	3/8 x 8 flat bar	0.375	8.000	0.015	3.600	5
T-11028	.470 x 1.938 flat bar (full rad ends)	0.470	1.938	0.235	1.036	4



Reference	Description	A	B	F-1	Wt/Ft	Factor
T-12512	1/2 x 5/8 flat bar	0.500	0.625	0.015	0.374	6
T-10707	1/2 x 1 flat bar	0.500	1.000	0.015	0.600	5
T-10735	1/2 x 1-1/2 flat bar	0.500	1.500	0.015	0.900	4
T-10594	1/2 x 2 flat bar	0.500	2.000	0.015	1.201	4
T-11142	1/2 x 2-1/4 flat bar	0.500	2.250	0.015	1.350	4
T-10550	1/2 x 2-1/2 flat bar	0.500	2.500	0.015	1.500	4
T-10655	1/2 x 3 flat bar	0.500	3.000	0.015	1.800	4
T-10551	1/2 x 4 flat bar	0.500	4.000	0.015	2.400	4
T-10639	1/2 x 5 flat bar	0.500	5.000	0.015	3.000	4
T-10595	1/2 x 6 flat bar	0.500	6.000	0.015	3.600	4
T-11609	1/2 x 8 flat bar	0.500	8.000	0.015	4.800	4
T-10867	5/8 x 2 flat bar	0.625	2.000	0.125	1.484	3
T-11144	5/8 x 2-1/2 flat bar	0.625	2.500	0.015	1.874	3
T-11145	5/8 x 4 flat bar	0.625	4.000	0.015	3.000	3
T-11146	5/8 x 5 flat bar	0.625	5.000	0.015	3.750	3
T-10866	3/4 x 1 flat bar	0.750	1.000	0.125	0.884	4
T-11143	3/4 x 2 flat bar	0.750	2.000	0.015	1.800	3
T-11548	3/4 x 2-1/2 flat bar	0.750	2.500	0.015	2.250	3
T-11280	3/4 x 3 flat bar	0.750	3.000	0.015	2.700	3
T-10636	3/4 x 4 flat bar	0.750	4.000	0.015	3.600	3
T-10836	3/4 x 5 flat bar	0.750	5.000	0.015	4.500	3
T-11160	1 x 2 flat bar	1.000	2.000	0.015	2.400	3
T-11966	1 x 4 flat bar	1.000	4.000	0.015	4.800	2
T-10874	1-1/4 x 2 flat bar	1.250	2.000	0.015	3.000	2
T-12814	3/8 x 1/2 flat bar	0.375	0.500	0.015	0.230	8



Reference	Description	A	B	F-1	Wt/Ft	Factor
T-12815	3/8 x 5/8 flat bar	0.375	0.625	0.015	0.280	7
T-12816	3/8 x 5/8 flat bar	0.375	0.750	0.015	0.340	7
T-12817	1/2 x 3/4 flat bar	0.500	0.750	0.015	0.450	6

Notes

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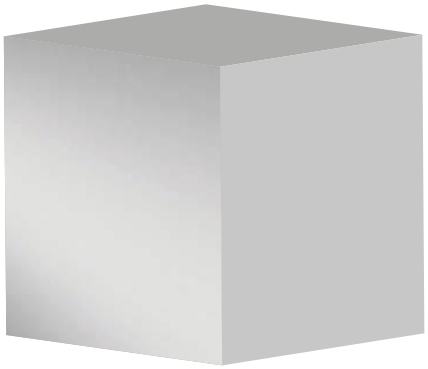
Square bar



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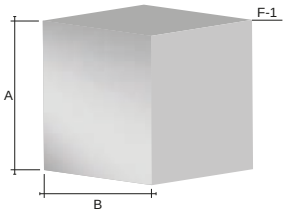

Reference	Description	A	B	F-1	Wt/Ft	Factor
T-10760	1/2 square bar	0.500	0.500	0.015	0.300	7
T-11799	5/8 square bar	0.625	0.625	0.015	0.468	5
T-10796	3/4 square bar	0.750	0.750	0.015	0.675	4
T-11271	1 square bar	1.000	1.000	0.015	1.201	3
T-10726	1-1/8 square bar 1/4 rad corners	1.125	1.125	0.250	1.454	3
T-10404	1-1/4 square bar	1.250	1.250	0.015	1.875	3
T-10766	1-1/2 square bar	1.500	1.500	0.015	2.700	2
T-11561	2 square bar	2.000	2.000	0.015	4.800	2

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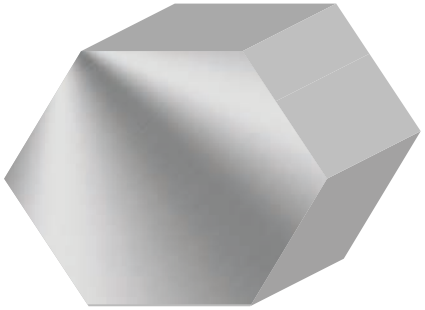
Hex bar



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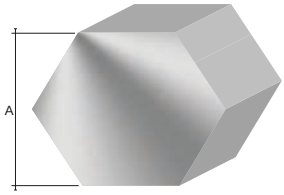

Reference	Description	A	Wt/Ft	Factor
T-10800	7/16 hex bar	0.438	0.199	8

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Round rod

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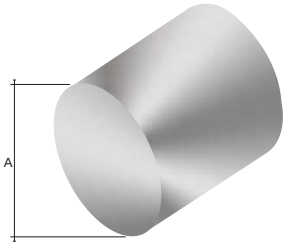

Reference	Description	A	Wt/Ft	Factor
T-10324	1/2 dia rod	0.500	0.235	7
T-10062	5/8 dia rod	0.625	0.368	5
T-10509	3/4 dia rod	0.750	0.530	4
T-10450	1 dia rod	1.000	0.942	3
T-10865	1-1/4 dia rod	1.250	1.472	3
T-11409	1-5/16 dia rod	1.312	1.622	3
T-10736	1-3/8 dia rod	1.375	1.782	2
T-10510	1-1/2 dia rod	1.500	2.120	2
T-11059	1-3/4 dia rod	1.750	2.886	2
T-10511	2 dia rod	2.000	3.770	2
T-11791	2-1/2 dia rod	2.500	5.891	1

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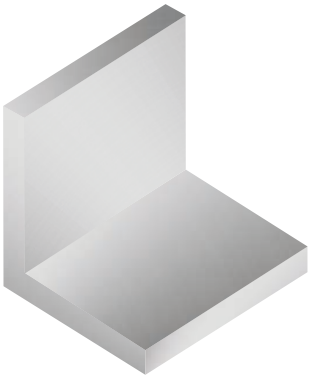
Angle with sharp corners



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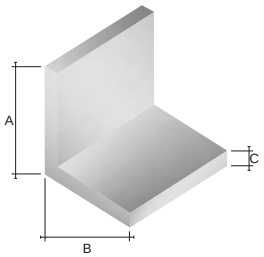
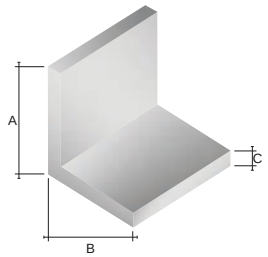
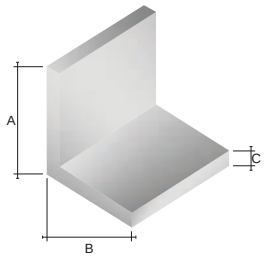


Reference	Description	A	B	C	Wt/Ft	Factor
T-11454	3/8 x 3/4 x .093 wall	0.375	0.750	0.093	0.115	19
T-11063	1/2 x 2-1/4 x .125 wall	0.500	2.250	0.125	0.394	14
T-11535	.697 x 1.250 x .125 wall	0.697	1.250	0.125	0.273	14
T-11671	3/4 x 3/4 x 1/16 wall	0.750	0.750	0.062	0.107	28
T-12082	3/4 x 3/4 x .125 wall	0.750	0.750	0.125	0.206	14
T-10284	3/4 x 1-1/4 x .080 wall	0.750	1.250	0.080	0.185	22
T-11190	3/4 x 1-1/2 x .050 wall	0.750	1.500	0.050	0.132	34
T-11453	3/4 x 2 x 1/8 wall	0.750	2.000	0.125	0.394	14
T-11550	1 x 1 x .050 wall Full rad leg ends	1.000	1.000	0.050	0.116	34
T-10519	1 x 1 x 1/16 wall	1.000	1.000	0.062	0.144	28
T-10150	1 x 1 x 1/8 wall	1.000	1.000	0.125	0.281	14
T-10855	1 x 1-1/2 x .045 wall	1.000	1.500	0.045	0.132	38
T-12524	1 x 1-1/2 x 1/16 wall	1.000	1.500	0.062	0.181	27
T-11459	1 x 1-3/4 x 1/8 wall	1.000	1.750	0.125	0.393	14
T-10262	1 x 2 x 1/16 wall	1.000	2.000	0.062	0.218	28
T-11257	1 x 2 x .088 wall	1.000	2.000	0.088	0.307	19
T-10263	1 x 2 x 1/8 wall	1.000	2.000	0.125	0.431	14
T-10013	1 x 2-1/2 x 1/16 wall	1.000	2.500	0.063	0.259	27
T-11243	1 x 3 x 1/16 wall	1.000	3.000	0.062	0.293	27
T-10264	1 x 3 x 1/8 wall	1.000	3.000	0.125	0.581	14
T-10014	1 x 4 x 1/16 wall	1.000	4.000	0.062	0.367	27
T-10402	1 x 4 x 1/8 wall	1.000	4.000	0.125	0.731	14
T-10056	1-1/8 x 2 x 1/16 wall	1.125	2.000	0.062	0.228	27
T-11771	1-1/2 x 1-1/2 x 1/16 wall	1.500	1.500	0.062	0.218	27
T-10151	1-1/2 x 1-1/2 x 1/8 wall	1.500	1.500	0.125	0.431	14



Reference	Description	A	B	C	Wt/Ft	Factor
T-10749	1-1/2 x 1-1/2 x 3/16 wall	1.500	1.500	0.188	0.634	9
T-11395	1-1/2 x 1-3/4 x .065 wall	1.500	1.750	0.065	0.247	26
T-10956	1-1/2 x 2 x 1/8 wall	1.500	2.000	0.125	0.506	14
T-11258	1-1/2 x 3 x .088 wall	1.500	3.000	0.088	0.466	19
T-11413	1-5/8 x 1-3/4 x 1/16 wall	1.625	1.750	0.062	0.246	27
T-10252	2 x 2 x 1/16 wall	2.000	2.000	0.062	0.293	33
T-11000	2 x 2 x 3/32 wall	2.000	2.000	0.093	0.436	18
T-10584	2 x 2 x 1/8 wall	2.000	2.000	0.125	0.581	14
T-11753	2 x 2 x .135 wall	2.000	2.000	0.135	0.626	13
T-10478	2 x 2 x 3/16 wall	2.000	2.000	0.188	0.860	9
T-10360	2 x 2 x 1/4 wall	2.000	2.000	0.250	1.125	7
T-11012	2 x 2-1/2 x 3/16 wall	2.000	2.500	0.188	0.973	9
T-10265	2 x 3 x 1/8 wall	2.000	3.000	0.125	0.731	14
T-11216	2 x 3 x 3/16 wall	2.000	3.000	0.188	1.085	9
T-10912	2 x 3 x 1/4 wall	2.000	3.000	0.250	1.426	7
T-11249	2 x 4 x 1/6 wall	2.000	4.000	0.063	0.445	27
T-10266	2 x 4 x 1/8 wall	2.000	4.000	0.125	0.881	14
T-10267	2 x 5 x 1/8 wall	2.000	5.000	0.125	1.031	14
T-10982	2 x 7 x 1/4 wall	2.000	7.000	0.250	2.626	7
T-10782	2-1/2 x 2-1/2 x 1/8 wall	2.500	2.500	0.125	0.731	14
T-11983	2-1/2 x 2-1/2 x 1/4 wall	2.500	2.500	0.250	1.424	7
T-12558	3 x 3 x 1/16 wall	3.000	3.000	0.062	0.442	27
T-10709	3 x 3 x 1/8 wall	3.000	3.000	0.125	0.881	14
T-11833	3 x 5 x 3/16 wall	3.000	5.000	0.188	1.763	9
T-11518	4-1/2 x 8-1/2 x 1/4 wall	4.500	8.500	0.250	3.824	8



Reference	Description	A	B	C	Wt/Ft	Factor
T-12704	4 x 4 x 1/8 wall	4.000	4.000	0.125	1.181	14
T-12883	Angle 2.5 x 2.5 x 3/16	2.500	2.500	0.188	1.082	9
T-12884	Angle 2 x 2.5 x .250	2.000	2.500	0.250	1.270	7
T-12915	4 x 2 x .250 angle	4.000	2.000	0.250	1.724	7
T-13350	1 x 3/4 x 1/16" wall angle	1.000	0.750	0.063	0.130	28
T-12657	1 x 1-1/2 x .125 angle	1.000	1.500	0.125	0.360	14
T-12704	4.0 x 4.0 angle	4.000	4.000	0.125	1.180	14
T-13266	1-1/2 x 2 x .063 wall angle	1.500	2.000	0.063	0.260	27
T-13276	3/4 x 1-1/2 x .050 wall angle	0.750	1.500	0.050	0.132	34

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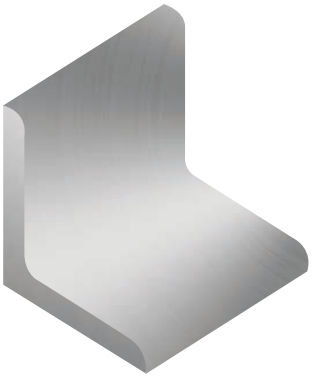
Angle with round inside corners



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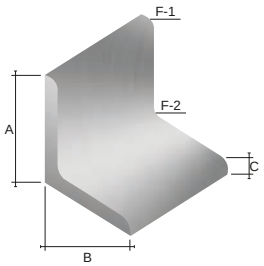
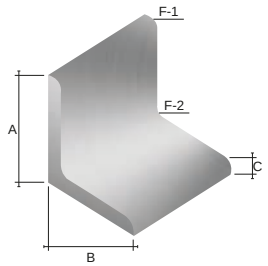


Reference	Description	A	B	C	F-1	F-2	Wt/Ft	Factor
T-10761	3/4 x 3/4 x 1/8 wall	0.750	0.750	0.125	0.094	0.125	0.205	14
T-10489	3/4 x 3 x 1/8 wall	0.750	3.000	0.125	0.125	0.250	0.552	13
T-11035	1 x 1 x 3/32 wall	1.000	1.000	0.094	0.094	0.188	0.220	17
T-10504	1 x 1 x 1/8 wall	1.000	1.000	0.125	0.094	0.125	0.281	14
T-11850	1 x 1 x 1/8 wall Army-Navy angle	1.000	1.000	0.125	0.125	0.188	0.282	13
T-10505	1 x 1 x 3/16 wall	1.000	1.000	0.188	0.094	0.125	0.408	9
T-10795	1 x 1 x 1/4 wall	1.000	1.000	0.250	0.094	0.125	0.524	8
T-11762	1 x 1-1/4 x 1/8 wall	1.000	1.250	0.125	0.125	0.125	0.314	14
T-11801	1 x 1-1/2 x 1/8 wall	1.000	1.500	0.125	0.125	0.156	0.354	14
T-11800	1-1/4 x 2 x 1/8 wall	1.000	2.000	0.125	0.125	0.156	0.350	13
T-11792	1-1/4 x 1-1/4 x 1/16 wall	1.250	1.250	0.063	0.063	0.188	0.192	25
T-10437	1-1/4 x 1-1/4 x 1/8 wall	1.250	1.250	0.125	0.125	0.188	0.430	14
T-10438	1-1/4 x 1-1/4 x 3/16 wall	1.250	1.250	0.188	0.125	0.188	0.510	9
T-10029	1-1/4 x 1-1/4 x 1/4 wall	1.250	1.250	0.250	0.125	0.188	0.676	7
T-10439	1-1/2 x 1-1/2 x 1/8 wall	1.500	1.500	0.125	0.125	0.188	0.432	14
T-10242	1-1/2 x 1-1/2 x 3/16 wall	1.500	1.500	0.188	0.125	0.188	0.635	9
T-10440	1-1/2 x 1-1/2 x 1/4 wall	1.500	1.500	0.250	0.125	0.188	0.810	7
T-11324	1-1/2 x 2 x 3/16 wall	1.500	2.000	0.188	0.125	0.250	0.755	9
T-10848	1-1/2 x 2 x 1/4 wall	1.500	2.000	0.250	0.125	0.188	0.976	7
T-11329	1-3/4 x 1-3/4 x 1/8 wall	1.750	1.750	0.125	0.125	0.188	0.508	13
T-11153	2 x 2 x 3/32 wall	2.000	2.000	0.094	0.094	0.250	0.452	17
T-10441	2 x 2 x 1/8 wall	2.000	2.000	0.125	0.125	0.250	0.572	13
T-10243	2 x 2 x 3/16 wall	2.000	2.000	0.188	0.125	0.250	0.868	9
T-11854	2 x 2 x 1/4 wall Army-Navy angle	2.000	2.000	0.250	0.250	0.250	1.109	7
T-10244	2 x 2 x 1/4 wall	2.000	2.000	0.250	0.125	0.250	1.134	7



Reference	Description	A	B	C	F-1	F-2	Wt/Ft	Factor
T-10596	2 x 2 x 3/8 wall	2.000	2.000	0.375	0.125	0.250	1.639	5
T-11760	2 x 2-1/2 x 3/16 wall	2.000	2.500	0.188	0.125	0.250	0.980	9
T-10552	2 x 3 x 3/16 wall	2.000	3.000	0.188	0.188	0.313	1.093	9
T-10442	2 x 3 x 1/4 wall	2.000	3.000	0.250	0.188	0.313	1.402	7
T-10756	2 x 3 x 3/8 wall	2.000	3.000	0.375	0.188	0.313	2.088	5
T-11982	2 x 3 x 1/2 wall	2.000	3.000	0.500	0.188	0.312	2.707	4
T-10909	2-1/2 x 2-1/2 x 3/16 wall	2.500	2.500	0.188	0.125	0.250	1.093	9
T-10506	2-1/2 x 2-1/2 x 1/4 wall	2.500	2.500	0.250	0.125	0.250	1.433	7
T-10734	3 x 3 x 3/16 wall	3.000	3.000	0.188	0.250	0.313	1.310	9
T-10245	3 x 3 x 1/4 wall	3.000	3.000	0.250	0.250	0.250	1.709	7
T-10435	3 x 3 x 3/8 wall	3.000	3.000	0.375	0.250	0.313	2.470	5
T-10553	3 x 3 x 1/2 wall	3.000	3.000	0.500	0.250	0.313	3.293	4
T-10554	3 x 4 x 1/4 wall	3.000	4.000	0.250	0.250	0.375	2.029	7
T-10757	3 x 4 x 3/8 wall	3.000	4.000	0.375	0.250	0.375	2.986	5
T-11761	3 x 5 x 1/4 wall	3.000	5.000	0.250	0.250	0.375	2.329	7
T-10246	4 x 4 x 1/4 wall	4.000	4.000	0.250	0.250	0.375	2.329	7
T-10641	4 x 4 x 3/8 wall	4.000	4.000	0.375	0.250	0.375	3.436	5
T-12526	4 x 6 x 1/4 wall	4.000	6.000	0.250	0.250	0.375	2.929	7
T-11642	4 x 6 x 5/16 wall	4.000	6.000	0.313	0.375	0.500	3.637	5
T-10642	4 x 6 x 3/8 wall	4.000	6.000	0.375	0.250	0.375	4.335	5
T-12882	4 x 4 x 3/8 wall	4.000	4.000	0.375	0.250	0.375	3.436	5
T-12885	2.500 x 3.500 x 1/4 wall	2.500	3.500	0.250	0.250	0.312	1.718	7

Notes

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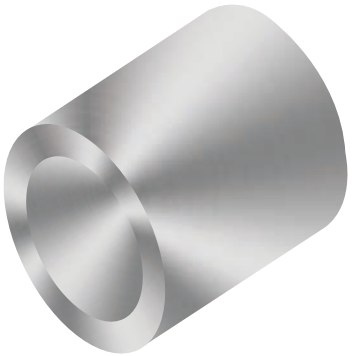
Round tubes and schedule pipe



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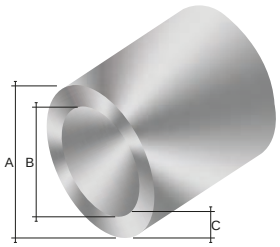
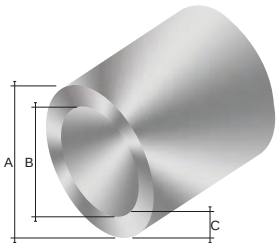
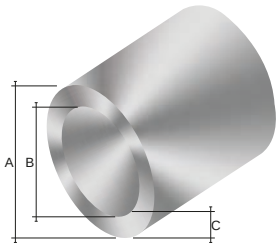


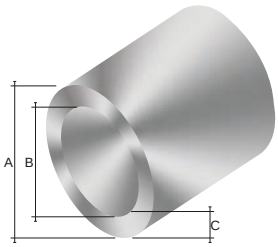
Reference	Sch PIPE	Description	A	B	C	Wt/Ft	Factor
T-50869		1/2 OD x .086 wall	0.500	0.328	0.086	0.133	20
T-51084		3/4 OD x .062 wall	0.750	0.626	0.062	0.162	27
T-50686		3/4 OD x .072 wall	0.750	0.606	0.072	0.184	23
T-50419		3/4 OD x .083 wall	0.750	0.584	0.083	0.209	20
T-51085	X	.840 OD x .109 wall 1/2" Sch 40 pipe	0.840	0.622	0.109	0.300	15
T-50737	X	.840 OD x .147 wall 1/2" Sch 80 pipe	0.840	0.546	0.147	0.384	11
T-50084		7/8 OD x 1/16 wall	0.875	0.749	0.063	0.193	26
T-51657		1 OD x 1/16 wall	1.000	0.874	0.063	0.222	27
T-50781		1 OD x 3/32 wall	1.000	0.814	0.093	0.318	18
T-50923		1 OD x 1/8 wall	1.000	0.750	0.125	0.412	13
T-50785		1.030 OD x .245 wall	1.030	0.540	0.245	0.725	7
T-50755	X	1.050 OD x .113 wall 3/4" Sch 40 pipe	1.050	0.824	0.113	0.400	15
T-50684		1.050 OD x .140 wall (near 3/4 Sch 80 pipe [.154 wall])	1.050	0.770	0.140	0.480	12
T-50659		1-1/8 OD x .055 wall	1.125	1.015	0.055	0.222	30
T-50420		1-1/8 OD x .080 wall	1.125	0.965	0.080	0.315	21
T-50576		1-1/4 OD x .055 wall	1.250	1.140	0.055	0.248	30
T-50558		1-1/4 OD x .065 wall	1.250	1.120	0.065	0.291	26
T-50421		1-1/4 OD x .085 wall	1.250	1.080	0.085	0.373	20
T-50422		1-1/4 OD x .100 wall	1.250	1.050	0.100	0.434	17
T-51758		1-1/4 OD x 1/8 wall	1.250	1.000	0.125	0.530	13
T-50423	X	1.315 OD x .115 wall 1" Sch 30 pipe	1.315	1.085	0.115	0.520	14
T-50238	X	1.315 OD x .133 wall 1" Sch 40 pipe	1.315	1.049	0.133	0.593	13
T-50885	X	1.315 OD x .179 wall 1" Sch 80 pipe	1.315	0.957	0.179	0.767	9
T-50685		1.315 OD x .140 wall	1.315	1.035	0.140	0.620	12
T-50444		1-3/8 OD x .085 wall	1.375	1.205	0.085	0.413	20



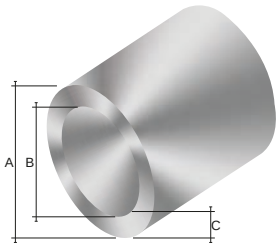
Reference	Sch PIPE	Description	A	B	C	Wt/Ft	Factor
T-50683		1.400 OD x .100 wall	1.400	1.200	0.100	0.490	17
T-50559		1-1/2 OD x .065 wall	1.500	1.370	0.065	0.352	26
T-50780		1-1/2 OD x 3/32 wall	1.500	1.314	0.093	0.493	18
T-50232		1-1/2 OD x 1/8 wall	1.500	1.250	0.125	0.648	13
T-50424		1-1/2 OD x 5/16 wall	1.500	0.876	0.312	1.397	5
T-50122		1.595 OD x .516 wall with alignment mark on OD	1.595	0.563	0.516	2.099	3
T-51105	X	1.660 OD x .117 wall 1-1/4" Sch 30 pipe	1.660	1.425	0.117	0.683	14
T-50031	X	1.660 OD x .140 wall 1-1/4" Sch 40 pipe	1.660	1.380	0.140	0.802	12
T-50738	X	1.660 OD x .191 wall 1-1/4" Sch 80 pipe	1.660	1.278	0.191	1.057	9
T-50425		1-13/16 OD x .100 wall	1.812	1.612	0.100	0.645	17
T-51106		1.890 OD x .099 wall	1.890	1.692	0.099	0.668	17
T-50020		1.890 OD x .139 wall	1.890	1.612	0.139	0.918	12
T-50019		1.890 OD x .188 wall	1.890	1.514	0.188	1.204	9
T-50239	X	1.900 OD x .145 wall 1-1/2" Sch 40 pipe	1.900	1.610	0.145	0.959	11
T-50618	X	1.900 OD x .200 wall 1-1/2" Sch 80 pipe	1.900	1.500	0.200	1.282	8
T-50557		2 OD x .100 wall	2.000	1.800	0.100	0.713	17
T-50459		2 OD x 1/8 wall	2.000	1.750	0.125	0.884	13
T-50830		2 OD x .150 wall	2.000	1.700	0.150	1.046	11
T-50786		2 OD x 1/4 wall	2.000	1.500	0.250	1.650	7
T-50868		2 OD x .190 wall	2.000	1.621	0.190	1.294	9
T-51485		2.016 OD x .058 wall	2.016	1.900	0.058	0.428	29
T-50998	X	2-3/8 OD x .109 wall 2" Sch 10 pipe	2.375	2.157	0.109	0.931	15
T-50602	X	2-3/8 OD x .154 wall 2" Sch 40 pipe	2.375	2.067	0.154	1.289	11
T-50456	X	2-3/8 OD x .218 wall 2" Sch 80 pipe	2.375	1.939	0.218	1.772	8
T-50460		2-1/2 OD x 1/8 wall	2.500	2.250	0.125	1.120	13



Reference	Sch PIPE	Description	A	B	C	Wt/Ft	Factor
T-52596		2-3/4 OD x 1/8 wall	2.750	2.500	0.125	1.234	13
T-51097		2-7/8 OD x .108 wall	2.875	2.660	0.108	1.122	15
T-50603	X	2-7/8 OD x .203 wall 2-1/2" Sch 40 pipe	2.875	2.469	0.203	2.044	8
T-50944	X	2-7/8 OD x .276 wall 2-1/2" Sch 80 pipe	2.875	2.323	0.276	2.705	6
T-51876	X	2-7/8 OD x .375 wall 2-1/2" Sch 160 pipe	3.000	2.250	0.375	3.534	4
T-50443		3 OD x 1/8 wall	3.000	2.750	0.125	1.355	13
T-50453		3-3/8 OD x 1/16 wall	3.374	3.250	0.062	0.774	27
T-51477		3-1/2 OD x 1/8 wall (near 3" Sch 10 pipe [.120 wall])	3.500	3.250	0.125	1.590	13
T-50477	X	3-1/2 OD x 3/16 wall 3" Sch 30 pipe	3.500	3.124	0.188	2.347	9
T-50390	X	3-1/2 OD x .216 wall 3" Sch 40 pipe	3.500	3.068	0.216	2.674	8
T-50695	X	3-1/2 OD x .300 wall 3" Sch 80 pipe	3.500	2.900	0.300	3.619	6
T-50236		4 OD x 1/8 wall (near 3-1/2" Sch 10 pipe [.120 wall])	4.000	3.750	0.125	1.825	13
T-50823	X	4 OD x .226 wall 3-1/2" Sch 40 pipe	4.000	3.548	0.226	3.215	7
T-51086		4 OD x 1/4 wall	4.000	3.500	0.250	3.534	7
T-51924	X	4 OD x .318 wall 3-1/2" Sch 80 pipe	4.000	3.364	0.318	4.414	5
T-50604	X	4-1/2 OD x .237 wall 4" Sch 40 pipe	4.500	4.026	0.237	3.809	7
T-51790	X	4-1/2 OD x .337 wall 4" Sch 80 pipe	4.500	3.826	0.337	5.288	5
T-51703	X	5.563 OD x .258 wall 5" Sch 40 pipe	5.563	5.047	0.258	5.057	7
T-51627	X	5.563 OD x .375 wall 5" Sch 80 pipe	5.563	4.813	0.375	7.188	5
T-51085	X	.840 OD x .109 wall 1/2" Sch 40 pipe	0.840	0.622	0.109	0.300	15
T-50737	X	.840 OD x .147 wall 1/2" Sch 80 pipe	0.840	0.546	0.147	0.384	11
T-50755	X	1.050 OD x .113 wall 3/4" Sch 40 pipe	1.050	0.824	0.113	0.400	15
T-50684		1.050 OD x .140 wall (near 3/4" Sch 80 pipe [.154 wall])	1.050	0.770	0.140	0.480	12
T-50423	X	1.315 OD x .115 wall 1" Sch 30 pipe	1.315	1.085	0.115	0.520	14
T-50238	X	1.315 OD x .133 wall 1" Sch 40 pipe	1.315	1.049	0.133	0.593	13



Reference	Sch PIPE	Description	A	B	C	Wt/Ft	Factor
T-50885	X	1.315 OD x .179 wall 1" Sch 80 pipe	1.315	0.957	0.179	0.767	9
T-51105	X	1.660 OD x .117 wall 1-1/4" Sch 30 pipe	1.660	1.425	0.117	0.683	14
T-50031	X	1.660 OD x .140 wall 1-1/4" Sch 40 pipe	1.660	1.380	0.140	0.802	12
T-50738	X	1.660 OD x .191 wall 1-1/4" Sch 80 pipe	1.660	1.278	0.191	1.057	9
T-51106		1.890 OD x .099 wall (near 1-1/2" Sch 30 pipe [1.9 OD x .109 wall])	1.890	1.692	0.099	0.668	17
T-50239	X	1.900 OD x .145 wall 1-1/2" Sch 40 pipe	1.900	1.610	0.145	0.959	11
T-50618	X	1.900 OD x .200 wall 1-1/2" Sch 80 pipe	1.900	1.500	0.200	1.282	8
T-50998	X	2-3/8 OD x .109 wall 2" Sch 10 pipe	2.375	2.157	0.109	0.931	15
T-50602	X	2-3/8 OD x .154 wall 2" Sch 40 pipe	2.375	2.067	0.154	1.289	11
T-50456	X	2-3/8 OD x .218 wall 2" Sch 80 pipe	2.375	1.939	0.218	1.772	8
T-51097		2-7/8 OD x .108 wall (near 2-1/2" Sch 10 pipe [.120 wall])	2.875	2.660	0.108	1.122	15
T-50603	X	2-7/8 OD x .203 wall 2-1/2" Sch 40 pipe	2.875	2.469	0.203	2.044	8
T-50944	X	2-7/8 OD x .276 wall 2-1/2" Sch 80 pipe	2.875	2.323	0.276	2.705	6
T-51876	X	2-7/8 OD x .375 wall 2-1/2" Sch 160 pipe	2.875	2.125	0.375	3.534	4
T-51477		3-1/2 OD x 1/8 wall (near 3" Sch 10 pipe [.120 wall])	3.500	3.250	0.125	1.590	13
T-50477	X	3-1/2 OD x 3/16 wall 3" Sch 30 pipe	3.500	3.124	0.188	2.347	9
T-50390	X	3-1/2 OD x .216 wall 3" Sch 40 pipe	3.500	3.068	0.216	2.674	8
T-50695	X	3-1/2 OD x .300 wall 3" Sch 80 pipe	3.500	2.900	0.300	3.619	6
T-50236		4 OD x 1/8 wall (near 3-1/2" Sch 10 pipe [.120 wall])	4.000	3.750	0.125	1.825	13
T-50823	X	4 OD x .226 wall 3-1/2" Sch 40 pipe	4.000	3.548	0.226	3.215	7
T-51924	X	4 OD x .318 wall 3-1/2" Sch 80 pipe	4.500	3.864	0.318	4.414	5
T-50604	X	4-1/2 OD x .237 wall 4" Sch 40 pipe	4.500	4.026	0.237	3.809	7
T-51790	X	4-1/2 OD x .337 wall 4" Sch 80 pipe	4.500	3.826	0.337	5.288	5
T-51703	X	5.563 OD x .258 wall 5" Sch 40 pipe	5.563	5.047	0.258	5.057	7
T-51627	X	5.563 OD x .375 wall 5" Sch 80 pipe	5.563	4.813	0.375	7.188	5



Reference	Sch PIPE	Description	A	B	C	Wt/Ft	Factor
T-12830		6" x .230 wall tube	6.000	5.540	0.230	5.003	7
T-52666		2" OD x .157 wall round tube	2.000	1.686	0.157	1.096	11
T-52670		3" OD x .250 wall	3.000	2.500	0.250	2.592	7
T-52709		2.150 x .120 round pipe	2.150	1.910	0.120	0.920	14
T-52744		1.660 x .128 round tube	1.660	1.404	0.128	0.740	13
T-52772		.625 OD x .062 wall tube	0.625	1.501	0.062	0.132	27
T-52808	X	2-1/2" schedule 10 pipe	2.875	2.635	0.120	1.220	14
T-52849	X	6" sch 40 pipe	6.625	6.065	0.280	6.560	6
T-52856		4" x 3/16" wall round tube	4.000	3.625	0.1875	2.680	9
T-52961		3.000 OD x .125 wall	3.000	2.750	0.125	1.360	13
T-53074		.750 OD tube with cleats	0.750	0.630	0.060	0.160	28
T-53476		4.5" x .250 wall round tube	4.500	4.000	0.250	4.010	7
T-11631	X	1.5" schedule 40 half pipe	1.900	—	0.145	0.480	12
T-11632	X	2.0" schedule 40 half pipe	2.375	—	0.154	0.644	11

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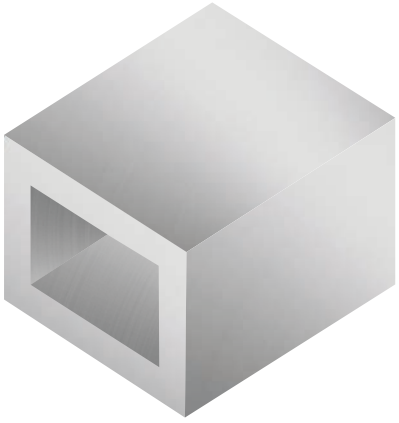

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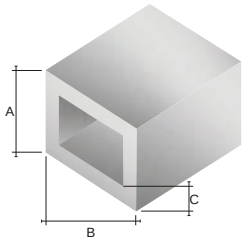
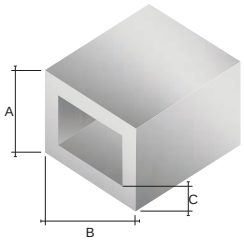
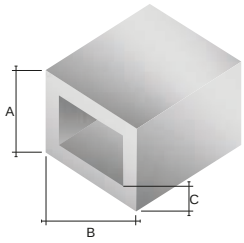


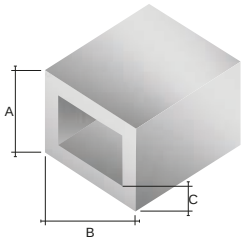
Reference	Description	A	B	C	Wt/Ft	Factor
T-50644	1/2 sq x 1/16 wall	0.500	0.500	0.062	0.131	27
T-50774	5/8 sq x 1/16 wall	0.625	0.625	0.062	0.168	27
T-50025	.725 sq x .050 wall	0.725	0.725	0.050	0.162	33
T-50455	3/4 sq x 1/16 wall	0.750	0.750	0.062	0.204	27
T-50608	3/4 sq x 3/32 wall	0.750	0.750	0.093	0.293	18
T-50609	3/4 sq x 1/8 wall	0.750	0.750	0.125	0.375	13
T-52632	1 sq x .050 wall	1.000	1.000	0.060	0.228	33
T-50257	1 sq x 1/16 wall	1.000	1.000	0.062	0.280	27
T-50610	1 sq x .090 wall	1.000	1.000	0.090	0.393	19
T-50240	1 sq x 1/8 wall	1.000	1.000	0.125	0.526	13
T-51384	1 x 1-1/2 x 1/8 wall	1.000	1.500	0.125	0.675	13
T-51081	1 x 2 x .090 wall	1.000	2.000	0.090	0.610	18
T-52633	1 x 2 x .062 wall	1.000	2.000	0.062	0.428	27
T-50268	1 x 2 x 1/8 wall	1.000	2.000	0.125	0.824	13
T-50269	1 x 3 x 1/8 wall	1.000	3.000	0.125	1.124	13
T-50883	1 x 4 x 1/8 wall	1.000	4.000	0.125	1.424	13
T-51976	1 x 5 x 1/8 wall	1.000	5.000	0.125	1.726	13
T-51977	1 x 6 x 1/8 wall	1.000	6.000	0.125	2.026	13
T-50643	1.200 sq x .050 wall	1.200	1.200	0.050	0.276	33
T-50611	1-1/4 sq x 3/32 wall	1.250	1.250	0.093	0.516	18
T-50945	1-1/4 sq x 1/8 wall	1.250	1.250	0.125	0.676	13
T-50157	1-1/4 x 2-3/8 x 3/16 wall	1.250	2.375	0.188	1.466	9
T-50991	1-5/16 x 1-11/16 x 1/8 wall	1.313	1.688	0.125	0.825	13
T-51770	1-1/2 sq x 1/16 wall	1.500	1.500	0.062	0.428	27
T-50612	1-1/2 sq x 3/32 wall	1.500	1.500	0.093	0.628	18



Reference	Description	A	B	C	Wt/Ft	Factor
T-50241	1-1/2 sq x 1/8 wall	1.500	1.500	0.125	0.826	13
T-50924	1-1/2 sq x 3/16 wall	1.500	1.500	0.188	1.184	9
T-52420	1-1/2 sq x 1/4 wall	1.500	1.500	0.250	1.500	7
T-51798	1-1/2 x 3 x .050 wall	1.500	3.000	0.050	0.528	33
T-50884	1-1/2 x 3 x 1/8 wall	1.500	3.000	0.125	1.276	13
T-51437	1-1/2 x 2 x 1/8 wall	1.500	2.000	0.125	0.975	13
T-50499	1-5/8 sq x .100 wall	1.625	1.625	0.100	0.732	17
T-50990	1-3/4 sq x 3/32 wall	1.750	1.750	0.093	0.740	18
T-51034	1-3/4 sq x 1/8 wall	1.750	1.750	0.125	0.975	13
T-52303	1-3/4 x 2-1/4 x 1/8 wall	1.750	2.250	0.125	1.124	13
T-51916	1-3/4 x 4 x 1/8 wall	1.750	4.000	0.125	1.650	13
T-50230	2 sq x 1/16 wall	2.000	2.000	0.060	0.559	28
T-51207	2 sq x .077 wall	2.000	2.000	0.077	0.710	22
T-51230	2 sq x .080 wall	2.000	2.000	0.080	0.738	21
T-50613	2 sq x .088 wall	2.000	2.000	0.088	0.807	19
T-51980	2 sq x .093 wall	2.000	2.000	0.093	0.851	18
T-50095	2 sq x 1/8 wall	2.000	2.000	0.125	1.126	13
T-50614	2 sq x .190 wall	2.000	2.000	0.190	1.651	9
T-50582	2 sq x 1/4 wall	2.000	2.000	0.250	2.100	7
T-50270	2 x 3 x 1/8 wall	2.000	3.000	0.125	1.424	13
T-50616	2 x 3 x 1/4 wall	2.000	3.000	0.250	2.700	7
T-50271	2 x 4 x 1/8 wall	2.000	4.000	0.125	1.724	13
T-50732	2 x 4 x 1/4 wall	2.000	4.000	0.250	3.300	7
T-51759	2 x 5 x .082 wall	2.000	5.000	0.082	1.345	20
T-50400	2 x 5 x 1/8 wall	2.000	5.000	0.125	2.025	13



Reference	Description	A	B	C	Wt/Ft	Factor
T-51082	2 x 6 x 1/8 wall	2.000	6.000	0.125	2.325	13
T-51554	2 x 6 x 1/4 wall	2.000	6.000	0.250	4.500	7
T-50301	2 x 8 x 1/8 wall	2.000	8.000	0.125	2.924	13
T-51674	2 x 8 x 1/4 wall	2.000	8.000	0.250	5.700	7
T-51743	2 x 10 x 1/8 wall	2.000	10.000	0.125	3.525	13
T-50063	2.485 sq x .0875 wall	2.485	2.485	0.088	1.007	19
T-50851	2-1/2 sq x .075 wall	2.500	2.500	0.075	0.874	22
T-52583	2-1/2 sq x .100 wall	2.500	2.500	0.100	1.152	17
T-50258	2-1/2 sq x 1/8 wall	2.500	2.500	0.125	1.426	13
T-52614	2-1/2 sq x 3/16 wall	2.500	2.500	0.188	2.087	9
T-51061	2-1/2 x 4-1/2 x 3/16 wall	2.500	4.500	0.188	2.989	9
T-50927	3 sq x .088 wall	3.000	3.000	0.088	1.230	19
T-50486	3 sq x 1/8 wall	3.000	3.000	0.125	1.722	13
T-50615	3 sq x 1/4 wall	3.000	3.000	0.250	3.300	7
T-52190	3 x 4 x 1/8 wall	3.000	4.000	0.125	2.026	13
T-52505	3 x 4 x 1/4 wall	3.000	4.000	0.250	3.900	7
T-50838	3 x 5 x 3/16 wall	3.000	5.000	0.188	3.440	9
T-51625	3 x 6 x 3/16 wall	3.000	6.000	0.188	3.892	9
T-50500	4 sq x 1/8 wall	4.000	4.000	0.125	2.324	13
T-50583	4 sq x 1/4 wall	4.000	4.000	0.250	4.500	10
T-52476	4 x 6 x 1/8 wall	4.000	6.000	0.125	2.926	13
T-51552	4 x 6 x 1/4 wall	4.000	6.000	0.250	5.700	7
T-51675	4 x 8 x 1/4 wall	4.000	8.000	0.250	6.900	7
T-51832	6 sq x 1/8 wall	6.000	6.000	0.125	3.526	13
T-53091	2.500 x .093 wall	2.500	2.500	0.093	1.070	18



Reference	Description	A	B	C	Wt/Ft	Factor
T-53092	2 x 3 x .093 wall	2.000	3.000	0.093	1.070	18
T-53463	2 x 3 x .080 wall	2.000	3.000	0.080	0.930	21
T-53239	2 x 4 x .093 wall	2.000	4.000	0.093	1.300	18
T-53240	1 x 4 x .093 wall	1.000	4.000	0.093	1.070	18
T-53241	1 x 3 x .063" wall	1.000	3.000	0.063	0.590	26
T-53267	4 x 1 x .062" wall	1.000	4.000	0.062	0.730	27
T-53268	4 x 1 x .093" wall	1.000	4.000	0.093	1.070	18
T-53269	3 x 1 x .093" wall	1.000	3.000	0.093	0.850	18
T-53312	3 x 2 x .188" wall	2.000	3.000	0.188	2.090	9
T-52701	3.0 x 6.0 wall	3.000	6.000	0.125	2.630	13
T-52746	3 x 4 x .118 wall	3.000	4.000	0.118	1.870	14
T-52870	2 x 5 x .250 wall	2.000	5.000	0.250	3.900	7
T-53022	2 x 2.5 x .121 wall	2.000	2.500	0.250	1.24	14
T-53043	3 x 6 x .240 wall	3.000	6.000	0.240	4.910	7
T-52748	1 x 2 x .086 wall	1.000	2.000	0.086	0.580	19
T-52745	4' square tube x .238 wall sharp	4.000	4.000	0.238	4.300	7
T-52857	5 square tube x .125 sharp	5.000	5.000	0.125	2.930	13
T-52897	2.5 square post with .070 wall sharp	2.500	2.500	0.070	0.820	24
T-52901	0.625 x 0.625 x .045 picket sharp	0.625	0.625	0.045	0.130	37
T-53073	.750 square tube x .050 sharp	0.750	0.750	0.050	0.170	33
T-53091	2.500 square tube x .093 sharp	2.500	2.500	0.093	1.070	18
T-53198	2.5 square tube x .080 wall sharp	2.500	2.500	0.080	0.930	21
T-53212	3 x 3 x .093 wall tube sharp	3.000	3.000	0.093	1.300	18
T-53368	4 x 4 x .093" wall square tube sharp	4.000	4.000	0.093	1.744	18

Notes

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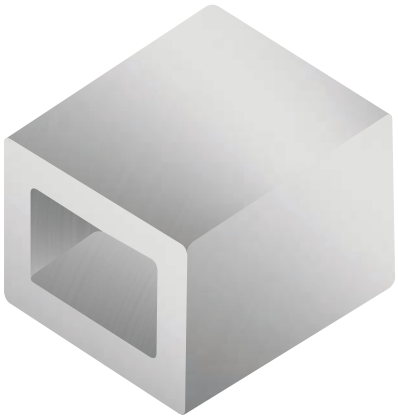

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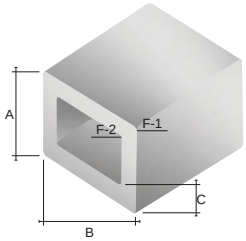
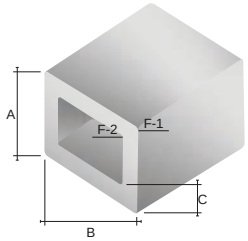
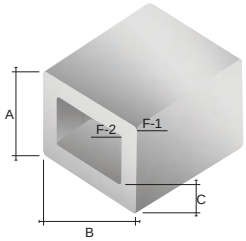


Reference	Description	A	B	C	F-1	F-2	Wt/Ft	Factor
T-51589	.410 x 2 x .044 wall outside rad .205 (full rad)	0.410	2.000	0.044	0.205	0.161	0.229	38
T-50447	1/2 sq x .045 wall outside rad .025	0.500	0.500	0.045	0.025	0.012	0.098	37
T-50396	.600 sq x .043 wall outside rad .040	0.600	0.600	0.043	0.040	0.015	0.114	38
T-50229	5/8 sq x .045 wall outside rad .045	0.625	0.625	0.045	0.045	0.015	0.124	37
T-50691	5/8 x .865 x .050 wall outside rad .045	0.625	0.865	0.050	0.045	0.015	0.165	33
T-51099	5/8 x 1 x .050 wall outside rad .030	0.625	1.000	0.050	0.030	0.015	0.182	34
T-50332	3/4 sq x .047 wall outside rad .032	0.750	0.750	0.047	0.032	0.015	0.158	35
T-50446	3/4 sq x .090 wall outside rad .100	0.750	0.750	0.090	0.100	0.040	0.276	19
T-52294	.750 x 1.5 x .065 wall outside rad .250	0.750	1.500	0.065	0.250	0.185	0.301	26
T-50465	3/4 x 1-1/2 x 1/8 wall outside rad .100	0.750	1.500	0.125	0.100	0.015	0.590	6
T-52597	3/4 x 2 x 1/16 wall outside rad .125	0.750	2.000	0.062	0.125	0.063	0.379	27
T-50787	3/4 x 2-1/2 x 1/8 wall outside rad .030	0.750	2.500	0.125	0.030	0.030	0.900	13
T-50876	1 sq x .050 wall outside rad .093	1.000	1.000	0.050	0.093	0.043	0.221	33
T-50491	1 sq x 1/16 wall outside rad .062	1.000	1.000	0.062	0.062	0.015	0.276	27
T-50311	1 sq x 1/16 wall outside rad .100	1.000	1.000	0.062	0.100	0.091	0.279	26
T-52622	1 sq x .075 wall outside rad .140	1.000	1.000	0.075	0.140	0.015	0.385	19
T-51919	1 sq x .089 wall outside rad .063	1.000	1.000	0.089	0.063	0.065	0.317	22
T-50303	1 sq x .090 wall outside rad .100	1.000	1.000	0.090	0.100	0.015	0.383	18
T-50617	1 sq x .090 wall outside rad .125	1.000	1.000	0.090	0.125	0.035	0.378	19
T-50414	1 sq x .119 wall outside rad .187	1.000	1.000	0.119	0.187	0.068	0.472	14
T-50310	1 sq x 1/8 wall outside rad .100	1.000	1.000	0.125	0.100	0.015	0.515	13
T-50767	1 sq x 1/8 wall outside rad .125	1.000	1.000	0.125	0.125	0.015	0.509	13
T-50731	1 x 1-1/2 x .060 wall outside rad .125	1.000	1.500	0.060	0.125	0.062	0.331	28
T-50634	1 x 1-1/2 x 1/8 wall outside rad .125	1.000	1.500	0.125	0.125	0.015	0.659	13
T-50877	1 x 2 x .050 wall outside rad .093	1.000	2.000	0.050	0.093	0.043	0.341	33



Reference	Description	A	B	C	F-1	F-2	Wt/Ft	Factor
T-52122	1 x 2 x .062 wall outside rad .125	1.000	2.000	0.062	0.125	0.063	0.416	27
T-50322	1 x 2 x .090 wall outside rad .100	1.000	2.000	0.090	0.100	0.040	0.601	18
T-50415	1 x 2 x .118 wall outside rad .188	1.000	2.000	0.118	0.188	0.070	0.751	14
T-50448	1 x 2 x 1/8 wall outside rad .139	1.000	2.000	0.125	0.139	0.040	0.806	13
T-51563	1 x 2-1/2 x .090 wall outside full rad .500	1.000	2.500	0.090	0.500	0.410	0.633	19
T-50776	1 x 3 x .070 wall outside rad .125	1.000	3.000	0.070	0.125	0.055	0.636	24
T-50088	1 x 3 x 1/8 wall outside rad .250	1.000	3.000	0.125	0.250	0.125	1.076	13
T-50649	1 x 4 x .070 wall outside rad .125	1.000	4.000	0.070	0.125	0.055	0.804	24
T-50816	1-1/4 sq x 3/32 wall outside rad .125	1.250	1.250	0.094	0.125	0.031	0.506	18
T-50030	1-1/4 sq x 1/8 wall outside rad .125	1.250	1.250	0.125	0.125	0.125	0.674	13
T-50690	1-1/4 x 2-1/2 x 1/8 wall outside rad .250	1.250	2.500	0.125	0.250	0.125	1.001	13
T-50413	1-1/4 x 2-1/2 x 1/8 wall outside rad .375	1.250	2.500	0.125	0.375	0.250	0.970	13
T-51181	1.292 x 1.916 x .125 wall outside rad .302	1.292	1.916	0.125	0.302	0.177	0.827	13
T-50369	1-1/2 sq x .090 wall outside rad .100	1.500	1.500	0.090	0.100	0.040	0.600	18
T-52636	1-1/2 sq x .125 wall outside rad .125	1.500	1.500	0.125	0.125	0.015	0.809	13
T-50936	1-1/2 sq x .188 wall outside rad .125	1.500	1.500	0.188	0.125	0.015	1.169	9
T-50339	1-1/2 x 2 x 1/8 wall outside rad .375	1.500	2.000	0.125	0.375	0.375	0.975	12
T-50808	1-1/2 x 3 x 1/8 wall outside rad .125	1.500	3.000	0.125	0.125	0.062	1.264	13
T-50431	1-1/2 x 3 x 1/8 wall outside rad .375	1.500	3.000	0.125	0.375	0.375	1.276	12
T-51546	1-1/2 x 4 x 1/8 wall outside rad .188	1.500	4.000	0.125	0.188	0.032	1.538	13
T-50131	1-37/64 sq x .100 wall outside rad .125	1.578	1.578	0.100	0.125	0.218	0.743	15
T-50321	2 sq x 1/8 wall outside rad .100	2.000	2.000	0.125	0.100	0.040	1.116	13
T-50837	2 sq x 1/8 wall outside rad .250	2.000	2.000	0.125	0.250	0.125	1.077	13
T-51083	2 sq x 3/16 wall outside rad .125	2.000	2.000	0.188	0.125	0.015	1.619	9
T-51633	2 sq x 3/16 wall outside rad .188	2.000	2.000	0.188	0.188	0.188	1.635	8



Reference	Description	A	B	C	F-1	F-2	Wt/Ft	Factor
T-51629	2 sq x 1/4 wall outside rad .250	2.000	2.000	0.250	0.250	0.125	2.051	6
T-50777	2 x 3 x 1/8 wall outside rad .125	2.000	3.000	0.125	0.125	0.062	1.414	13
T-51724	2 x 3 x 3/8 wall outside rad .375	2.000	3.000	0.375	0.375	0.188	3.717	4
T-50778	2 x 4 x 3/16 wall outside rad .125	2.000	4.000	0.188	0.125	0.015	2.522	9
T-51704	2 x 4 x 1/4 wall outside rad .250	2.000	4.000	0.250	0.250	0.015	3.235	7
T-52701	2.450 x 1/4 wall outside rad .312	2.450	0.250	0.312	0.312	0.015	2.544	7
T-50278	3 sq x 5/64 wall outside rad .094	3.000	3.000	0.078	0.094	0.094	1.093	21
T-50071	3 sq x 1/8 wall outside rad .120	3.000	3.000	0.125	0.120	0.016	1.711	13
T-50416	3 sq x 1/8 wall outside rad .250	3.000	3.000	0.125	0.250	0.125	1.677	13
T-52385	3 sq x 3/16 wall outside rad .187	3.000	3.000	0.187	0.187	0.031	2.490	9
T-50458	3 sq x 1/4 wall outside rad .313	3.000	3.000	0.250	0.313	0.015	3.199	7
T-50072	4 sq x 1/8 wall outside rad .125	4.000	4.000	0.125	0.125	0.031	2.310	13
T-52386	4 sq x 3/16 wall outside rad .125	4.000	4.000	0.188	0.125	0.015	3.425	9
T-51628	4 sq x 1/4 wall outside rad .375	4.000	4.000	0.250	0.375	0.375	4.500	6
T-52636	1.5 x .125 square tube round	1.500	1.250	0.125	0.125	0.015	0.810	13
T-52860	.750 square x .062 wall	0.750	0.626	0.062	0.090	0.090	0.200	26
T-53016	2 x .188 square tube R.406/R.250	2.000	1.624	0.188	0.406	0.406	1.530	9
T-53058	2 x 2 x .115 square tube round	2.000	1.770	0.115	0.016	0.016	1.040	14
T-53448	6" square tube x .188 wall round	6.000	5.624	0.188	0.125	0.125	5.230	9
T-52702	2.450 x .250 square tube R.312 round	2.450	1.950	0.250	0.312	0.062	2.540	7
T-52902	Industrial picket round	1.000	0.876	0.060	0.125	0.063	0.260	28

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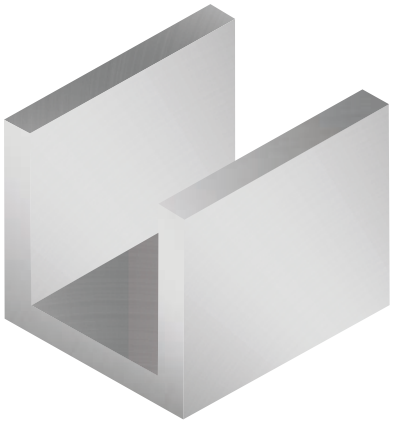
Channel



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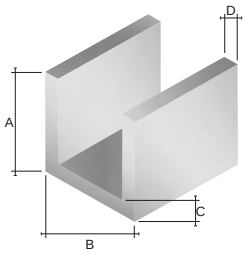
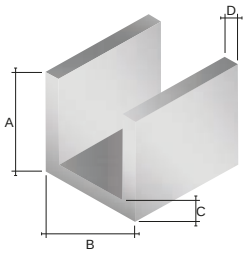
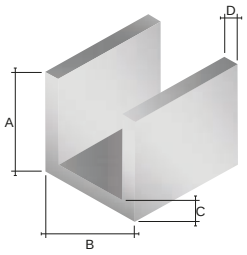


Reference	Description	A	B	C	D	Wt/Ft	Factor
T-10645	5/8 web x 9/16 walls = .050 web / .055 legs	0.562	0.625	0.050	0.055	0.105	32
T-10652	5/8 web x 1 x 1/8 wall	1.000	0.625	0.125	0.125	0.356	14
T-10026	.700 web x .492 x .045 wall	0.492	0.700	0.045	0.045	0.086	38
T-11875	.760 web x .617 x .055 wall Full rad at leg ends	0.617	0.760	0.055	0.055	0.124	30
T-10681	1 web x 3/4 x 1/8 wall	0.750	1.000	0.125	0.125	0.337	14
T-10773	1 x 1 x .090 wall	1.000	1.000	0.090	0.090	0.304	19
T-10405	1 x 1 x 1/8 wall	1.000	1.000	0.125	0.125	0.412	14
T-10772	1 x 1-1/2 x .090 wall	1.500	1.000	0.090	0.090	0.413	19
T-10834	1 x 2 x 1/8 wall	2.000	1.000	0.125	0.125	0.712	14
T-10371	1.010 web x .780 x .055 wall	0.780	1.010	0.055	0.055	0.161	30
T-11215	1.120 web x .500 x .060 wall	0.500	1.120	0.060	0.060	0.144	29
T-11052	1.250 web x 1.250 x .094 wall R.220 corners	1.250	1.250	0.094	0.094	0.384	18
T-11929	1-1/4 web x 1-1/4 x 1/8 wall	1.250	1.250	0.125	0.125	0.525	14
T-11272	1.282 web x 1.313 x 1/8 wall Full rad at leg ends	1.313	1.282	0.125	0.125	0.545	14
T-10993	1-5/16 web x 1-5/8 x 1/8 wall	1.625	1.313	0.125	0.125	0.646	14
T-10882	1.360 web x .617 x .055 wall Full rad ends / R.062 corners	0.617	1.360	0.055	0.055	0.163	30
T-12192	1-1/2 web x 1 x 1/8 wall	1.000	1.500	0.125	0.125	0.487	14
T-10434	1-1/2 web x 1-1/2 x 3/16 wall	1.500	1.500	0.188	0.188	0.930	9
T-10170	1.535 web x 1.5 walls = .060 web / .090 legs	1.500	1.535	0.060	0.090	0.422	21
T-11345	1.600 web x 1.500 x .045 wall with R.100 at outside corners	1.500	1.600	0.045	0.045	0.240	37
T-12516	1.610 web x .755 x .055 wall	0.755	1.610	0.055	0.055	0.198	30
T-10370	1.860 web x .850 x 1/16 wall	0.850	1.860	0.062	0.062	0.254	27
T-10277	1-7/8 web x 2 x .125 wall	2.000	1.875	0.125	0.125	0.843	14
T-10741	2 web x 1 x 1/16 wall	1.000	2.000	0.063	0.063	0.293	27
T-11903	2 web x 1 x 3/32 wall	1.000	2.000	0.093	0.093	0.425	18



Reference	Description	A	B	C	D	Wt/Ft	Factor
T-10089	2 web x 1 x 1/8 wall (45º inside angle at leg ends)	1.000	2.000	0.125	0.125	0.547	14
T-10100	2 web x 1 x 1/8 wall	1.000	2.000	0.125	0.125	0.563	14
T-11023	2 x 1-1/2 x 1/8 wall	1.500	2.000	0.125	0.125	0.720	13
T-10607	2 x 2 x 1/8 wall	2.000	2.000	0.125	0.125	0.863	14
T-10640	2 x 2 x 3/16 wall	2.000	2.000	0.188	0.188	1.268	9
T-10436	2 x 2 x 1/4 wall	2.000	2.000	0.250	0.250	1.650	7
T-11639	2.090 web x 1.045 x .045 wall	1.045	2.090	0.045	0.045	0.220	37
T-11315	2-1/8 web x 1 x .044 wall (R.250 outside at leg ends)	1.000	2.125	0.044	0.044	0.211	38
T-10928	2-1/8 web x 1-1/2 x .044 wall (R.250 outside at leg ends)	1.500	2.125	0.044	0.044	0.236	43
T-11024	2.450 x 2.125 x .188 wall	2.125	2.450	0.188	0.188	1.426	9
T-11491	2-1/2 web x 1 x 1/16 wall	1.000	2.500	0.062	0.062	0.325	27
T-11936	2-1/2 web x 2 x 1/8 wall	2.000	2.500	0.125	0.125	0.937	14
T-10682	2.8 web x 1 (full rad at leg ends) walls = .125 web / .094 legs	1.000	2.800	0.125	0.094	0.622	15
T-11484	3 web x 1/2 x 1/8 wall	0.500	3.000	0.125	0.125	0.562	14
T-12305	3 web x 1 x 1/16 wall	1.000	3.000	0.062	0.062	0.362	27
T-10457	3 web x 1-1/4 x 3/16 wall	1.250	3.000	0.188	0.188	1.156	9
T-10417	3 web x 1-1/2 x .2 wall	1.500	3.000	0.200	0.200	1.370	8
T-12493	3-1/8 web x .680 x .055 (R.063 outside at leg ends)	0.680	3.125	0.055	0.055	0.287	31
T-10929	3-1/8 web x 1-1/2 x .055 (R.063 outside at leg ends)	1.500	3.125	0.055	0.055	0.395	34
T-10373	3-3/8 web x 2 x 3/16 (R.250 inside web)	2.000	3.376	0.188	0.188	1.594	9
T-11217	3.740 web x 1-1/4 x 1/8 wall	1.250	3.740	0.125	0.125	0.897	13
T-10635	5 web x 2 x 3/16 wall	2.000	5.000	0.188	0.188	1.945	9
T-10058	5 web x 2 x 1/4 wall	2.000	5.000	0.250	0.250	2.557	7
T-10980	6 web x 1.734 x 1/8 wall (R.062 inside / R.125 outside)	1.734	6.000	0.125	0.125	1.296	13
T-10302	8 web x 2 x .125 wall	2.000	8.000	0.125	0.125	1.763	13



Reference	Description	A	B	C	D	Wt/Ft	Factor
T-12789	U channel 3 x .125, 3 x 1 x .125	1.000	3.000	0.125	0.125	0.710	14
T-12822	Channel 8 x 3 x .350/.190	3.000	8.000	0.190	0.350	4.230	7
T-12823	Channel 7 x 3.5 x .380/.210	3.500	7.000	0.210	0.380	4.780	6
T-12824	Channel 7 x 2.75 x .290/.170	2.750	7.000	0.170	0.290	3.270	7
T-12825	Channel 7 x 2.25 x .290/.170	2.250	7.000	0.170	0.290	2.920	8
T-12826	Channel 6 x 2.5 x .290/.170	2.500	6.000	0.170	0.290	2.890	7
T-12827	Channel 6 x 3.25 x .350/.210	3.250	6.000	0.210	0.350	4.110	6
T-12828	Channel 5 x 2.25 x .150/.260	2.250	5.000	0.260	0.150	2.320	8
T-12829	Channel 5 x 2.25 x .260/.150	2.250	5.000	0.150	0.260	2.650	8
T-12880	Channel 3 x 3 x .125	3.000	3.000	0.125	0.125	1.310	13
T-12881	Channel 2.75 x 5 x .320 x .190 IR .300	2.750	5.000	0.190	0.320	3.150	6
T-13290	Channel 1 x 1.128 x .056	1.000	1.128	0.056	0.056	0.200	30
T-13363	2 x 1 x .130 wall channel	1.000	2.000	0.130	0.130	0.590	13
T-13464	1-1/4 x 3/4 x .093 wall channel	0.750	1.250	0.093	0.093	0.290	18
T-13466	1-1/4 x 1-1/4 x .110 channel	1.250	1.250	0.110	0.110	0.470	16
T-13467	1 x 1 x .110 channel	1.000	1.000	0.110	0.110	0.370	16

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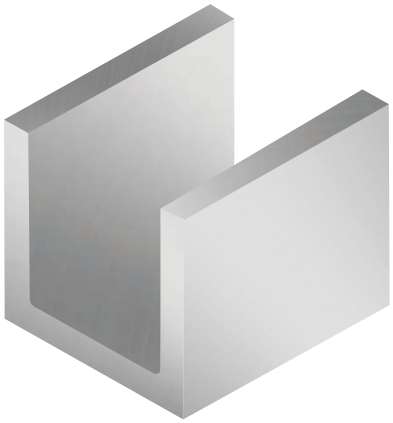
AA channel



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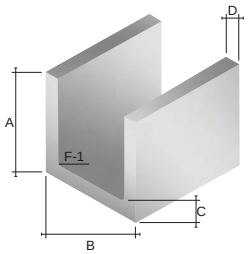

Reference	Description	A	B	C	D	F-1	Wt/Ft	Factor
T-11626	2 x 1.25 x .170 AA	1.250	2.000	0.170	0.260	0.150	1.093	8
T-10938	3 x 1.5 x .130 AA	1.500	3.000	0.130	0.200	0.250	1.157	10
T-11108	3 x 1.75 x .170 AA	1.750	3.000	0.170	0.260	0.250	1.630	8
T-10418	4 x 2 x .150 AA	2.000	4.000	0.150	0.230	0.250	1.767	9
T-11087	4 x 2.25 x .190 AA	2.250	4.000	0.190	0.290	0.250	2.378	7
T-10747	5 x 2.25 x .150 AA	2.250	5.000	0.150	0.260	0.300	2.256	8
T-10487	6 x 2.5 x .170 AA	2.500	6.000	0.170	0.290	0.300	2.892	7

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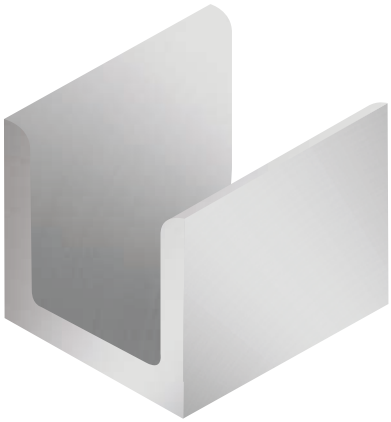
American standard channel



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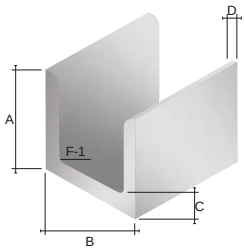

Reference	Description	A	B	C	D	F-1	Wt/Ft	Factor
T-10247	3 x .170 American standard	1.410	3.000	0.170	0.170	0.270	1.482	7
T-10507	3 x .258 American standard	1.498	3.000	0.258	0.170	0.270	1.778	6
T-11559	4 x .488 American standard	1.750	3.000	0.488	0.438	0.250	3.545	3
T-10248	4 x .180 American standard	1.580	4.000	0.180	0.180	0.280	1.833	7
T-10758	4 x .247 American standard	1.647	4.000	0.247	0.180	0.280	2.134	6
T-10745	4 x .320 American standard	1.720	4.000	0.320	0.180	0.280	2.484	5
T-10759	5 x .190 American standard	1.750	5.000	0.190	0.190	0.290	2.191	7
T-12052	5 x .325 American standard	1.885	5.000	0.325	0.190	0.290	3.001	5
T-10249	6 x .225 American standard	1.945	6.000	0.225	0.200	0.300	3.085	6
T-10406	6 x .314 American standard	2.035	6.000	0.314	0.200	0.300	3.696	5
T-10597	8 x .250 American standard	2.290	8.000	0.250	0.220	0.320	4.414	5

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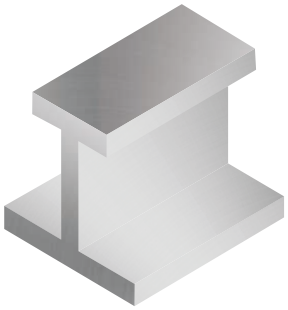
I-beam



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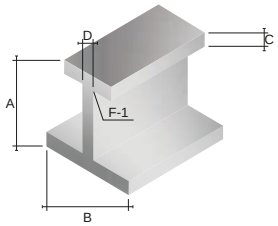

Reference	Description	A	B	C	D	F-1	Wt/Ft	Factor
T-11630	2 x .875 x .188 wall leg ends 45º angle to inside	2.000	0.875	0.188	0.188	0.015	0.761	9
T-10195	2-7/8 x 3-1/2 x .135 wall leg ends 45º angle to inside	2.875	3.500	0.135	0.135	0.125	1.528	12
T-10784	4 x 2-5/8 x 1/4 wall	4.000	2.625	0.250	0.250	0.250	2.689	7
T-10605	4 x 3 x .170-.290 wall AA I-Beam	4.000	3.000	0.290	0.170	0.250	2.850	7
T-11851	4 x 3.5 x .188 wall AA I-Beam	5.000	3.500	0.320	0.190	0.300	3.775	6
T-10846	5 x 3.5 x .190-.320 wall Army-Navy I-Beam	5.000	3.500	0.320	0.190	0.300	3.775	6
T-11805	5.500 x 3.460 x .195-.280 wall with full rad leg ends	5.500	3.460	0.280	0.195	0.281	3.521	7
T-10357	6 x 4 x .190-.290 wall AA I-Beam	6.000	4.000	0.290	0.190	0.300	4.112	7
T-11804	7.500 x 4.375 x .230-.350 wall with full rad leg ends	7.500	4.375	0.350	0.230	0.308	5.586	6
T-12801	1.72 x 1.72 x .125 I-Beam	1.720	1.720	0.188	0.125	0.015	0.980	10

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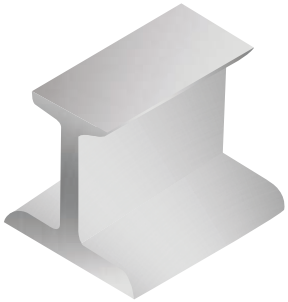
American standard I-beam



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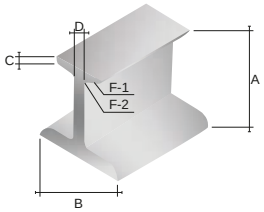

Reference	Description	A	B	C	D	F-1	F-2	Wt/Ft	Factor
T-11624	3 x 2.330 x .170	3.000	2.330	0.170	0.170	0.100	0.270	1.963	7
T-10746	3 x 2.509 x .349	3.000	2.509	0.170	0.349	0.100	0.270	2.755	5
T-11576	4 x 2.660 x .190	4.000	2.660	0.190	0.190	0.110	0.290	2.644	6
T-11664	5 x 2.713 x .200	5.000	2.813	0.200	0.200	0.070	0.281	3.202	6

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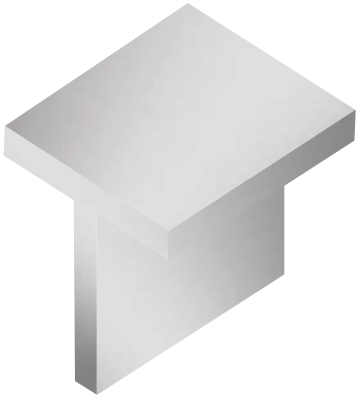
Tee



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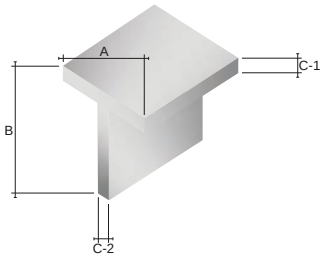

Reference	Description	A	B	C-1	C-2	Wt/Ft	Factor
T-10886	1 x 2 x 3/16 wall	1.000	2.000	0.188	0.188	0.634	9
T-11074	1-1/4 x 7/8 x 1/8 wall	1.250	0.875	0.125	0.125	0.300	14
T-11138	1-1/2 x 3 x 3/16 wall	1.500	3.000	0.188	0.188	0.973	9
T-10312	1-3/4 x 7/8 x 1/16 wall	1.750	0.875	0.063	0.062	0.192	27
T-10520	2 x 2 x 1/8 wall	2.000	2.000	0.125	0.125	0.581	14
T-10694	2 x 3 x 1/4 wall	2.000	3.000	0.250	0.250	1.421	7
T-10250	2 x 4 x 1/4 wall	2.000	4.000	0.250	0.250	1.725	7
T-10251	2 x 5 x 1/4 wall	2.000	5.000	0.250	0.250	2.025	7
T-10451	2 x 5 x 3/8 wall	2.000	5.000	0.375	0.375	2.981	5
T-10508	2 x 6 x 1/4 wall	2.000	6.000	0.250	0.250	2.325	7
T-10656	2 x 6 x 3/8 wall	2.000	6.000	0.375	0.375	3.431	5
T-11420	2-1/4 x 4 x 1/4 wall	2.250	4.000	0.250	0.250	1.800	7
T-10875	2-1/2 x 1-1/2 walls .125 top / .100 leg	2.500	1.500	0.125	0.100	0.540	15
T-11418	2-1/2 x 2 with full rad ends at top walls .125 top / .125 leg	3.500	2.000	0.125	0.188	0.950	12
T-11641	3 x 3 x 1/4 wall	3.000	3.000	0.250	0.250	1.724	7
T-13487	4 x 2 walls .125 top / .188 leg	4.000	2.000	0.125	0.188	1.025	12
T-10802	4 x 2.040 walls .188 top / .250 leg	4.000	2.040	0.188	0.250	1.489	8

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American standard tee

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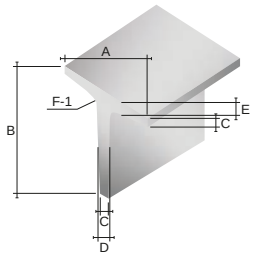

Reference	Description	A	B	C	D	E	F-1	Wt/Ft	Factor
T-10565	2 x 2 American standard	2.000	2.000	0.250	0.312	0.312	0.240	1.306	6
T-11490	3 x 3 American standard	3.000	3.000	0.375	0.438	0.438	0.312	2.717	4

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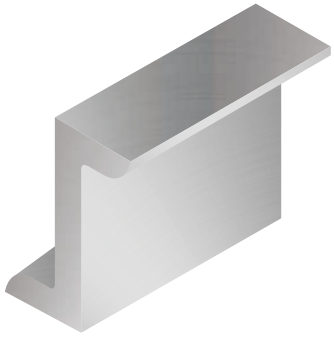
Zee bar



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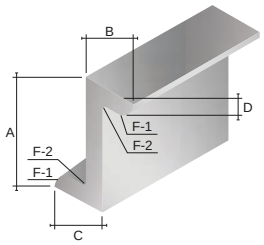

Reference	Description	A	B	C	D	F-1	F-2	Wt/Ft	Factor
T-10934	.560 x .840 x .840 x .090 wall x .060 one leg	0.560	0.840	0.840	0.090	0.015	0.015	0.195	22
T-11414	3/4 x 3/4 x 3/4 x 1/8 wall	0.750	0.750	0.750	0.125	0.015	0.015	0.300	14
T-10403	1 x 1-1/8 x 1-1/8 x 1/8 wall	1.000	1.125	1.125	0.125	0.015	0.015	0.450	14
T-10172	1-1/16 x 1-1/4 x 1-1/4 x 1/16 wall	1.062	1.250	1.250	0.060	0.015	0.015	0.247	28
T-10950	1-1/2 x 2 x 2-3/16 x 3/16 wall	1.500	2.000	2.188	0.188	0.015	0.062	1.168	9
T-11064	1.688 x .750 x 3 x .125 wall	1.688	0.750	3.000	0.125	0.015	0.015	0.777	14
T-10037	2 x 1.226 x 1.226 walls .063 web / .075 legs	2.000	1.226	1.226	0.063	0.075	0.125	0.354	24
T-11586	2-1/8 x 1-1/2 x 1-1/2 x .125 wall	2.125	1.500	1.500	0.125	0.015	0.015	0.715	14
T-10171	2-1/4 x 3/4 x 3/4 x .050 wall	2.250	0.750	0.750	0.050	0.015	0.015	0.218	34
T-11443	2-3/8 x 1-1/4 x 1-1/4 x 3/16 wall	2.375	1.250	1.250	0.187	0.015	0.015	1.010	9
T-10120	3 x 2-11/16 x 2-11/16 x 1/4 wall	3.000	2.688	2.688	0.250	0.500	0.015	2.292	7
T-10619	3 x 2-11/16 x 2-11/16 x 1/4 wall	3.000	2.688	2.688	0.250	0.250	0.312	2.381	7

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Handrail

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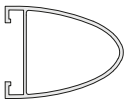
T-53462

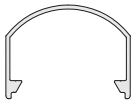
Bullet rail



Wt/Ft	1.820

T-11296

Top cap



Wt/Ft	0.380

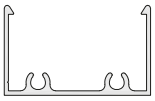
T-11462

Top snap plate

Wt/Ft	0.180

T-11463

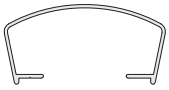
Snap channel



Wt/Ft	0.270

T-11464

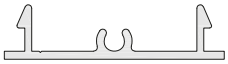
Top cap



Wt/Ft	0.320

T-11465

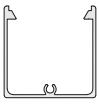
Snap plate



Wt/Ft	0.230

T-11466

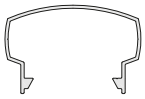
2 x 2 frame



Wt/Ft	0.580

T-11721

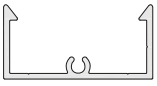
Top cap



Wt/Ft	0.440

T-11722

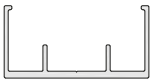
Bottom channel



Wt/Ft	0.340

T-11904

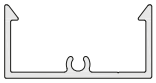
2 x 1 rail channel with legs



Wt/Ft	0.400

T-11922

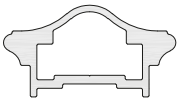
Handrail snap with scr boss



Wt/Ft	0.350

T-50925

Handrail



Wt/Ft	1.090

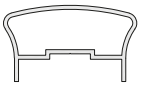
T-51115

Circle cap

Wt/Ft	0.970

T-51116

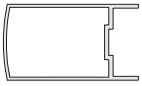
2-5/8 mushroom cap



Wt/Ft	0.710

T-51581

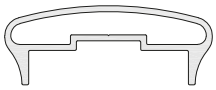
2.25 x 4 top cap



Wt/Ft	1.460

T-51905

2.625 x 1 R4.34 rail cap



Wt/Ft	0.670

Notes

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Miscellaneous

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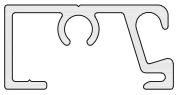
T-12585

.5 x 1 patio open back



Wt/Ft	0.170

T-12605

3" drip edge fascia

Wt/Ft	0.560

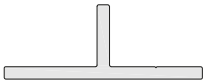
T-12727

Gate track (V-track)

Wt/Ft	0.520

T-12791

Tee 2"



Wt/Ft	0.390

T-12869

Louver blade

Wt/Ft	0.400

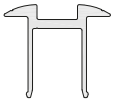
T-12910

Ladder rung

Wt/Ft	0.620

T-12927

Middle clamp rapid SK



Wt/Ft	0.370

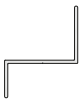
T-12947

Middle clamp rapid SK 40-50 mm

Wt/Ft	0.410

T-13275

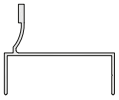
Z-trim



Wt/Ft	0.300

T-13277

Part E & F



Wt/Ft	0.180

T-13278

Part C

Wt/Ft	0.290

T-13279

Hinge

Wt/Ft	0.240

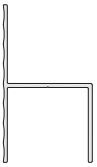
T-13283

Trim

Wt/Ft	0.180

T-13286

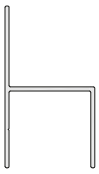
"h" trim



Wt/Ft	0.230

T-13287

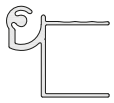
2" smooth H-section



Wt/Ft	0.240

T-13288

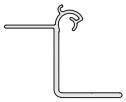
Hinge



Wt/Ft	0.360

T-13289

Hinge



Wt/Ft	0.460

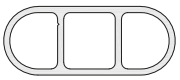
T-53372

Tongue & groove slat

Wt/Ft	1.230

T-53374

1 x 2.5 x .090 wall spacer bar



Wt/Ft	0.830

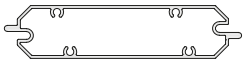
T-53435

2/void tongue & groove slat

Wt/Ft	1.260

T-53469

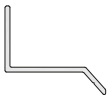
4" tongue & groove slat



Wt/Ft	0.830

T-13274

Drip rail



Wt/Ft	0.130

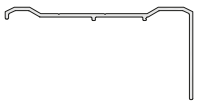
T-13280

Top rail for lights

Wt/Ft	0.250

T-13282

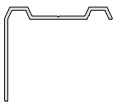
Top rail



Wt/Ft	0.310

T-13284

Light duty top rail



Wt/Ft	0.160

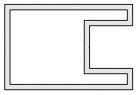
T-13285

Rail

Wt/Ft	0.140

T-51590

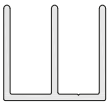
Insert frame 2" x 3"



Wt/Ft	1.727

T-12790

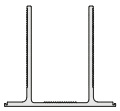
Bouble U channel



Wt/Ft	0.270

T-12977

Base channel



Wt/Ft	4.499

Notes

Notes

Exlabesa USA
Exlabesa Extrusion Tifton, Inc.
250 Southwell Boulevard - Tifton
Georgia (USA)
Tel. +229 382 7330

Exlabesa UK
Exlabesa Extrusion Doncaster Ltd
Odgen Road - Wheatley Hills
Doncaster (UNITED KINGDOM)
Tel. +01 302 762 500

Exlabesa POLAND
Exlabesa Extrusion Opole sp. z o. o.
ul. Porcelitowa, 4
Tułowice (POLAND)
Tel. +48 774 600 250

Exlabesa SPAIN
Exlabesa Extrusion Padron, S. L.
Pol. Ind. F. Quintá, Padrón
A Coruña (SPAIN)
Tel. +34 981 803 011

Exlabesa UK
Exlabesa Building Systems Ltd
Odgen Road - Wheatley Hills
Doncaster (UNITED KINGDOM)
Tel. +01 302 762 500

Exlabesa MOROCCO
KAYE Aluminium Tanger, S. A. R. L.
R. N. Tanger - Rabat
Asilah (MOROCCO)
Tel. +212 539 417 398

Exlabesa SPAIN
Exlabesa Building Systems, S. A. U.
Campaña s/n, Valga
Pontevedra (SPAIN)
Tel. +34 986 556 277

Exlabesa GERMANY
Weseralu GmbH & Co. KG
Am Osthafen, 5
Minden (GERMANY)
Tel. +49 571 387 050

Exlabesa Extrusion Tifton, Inc.

250 Southwell Boulevard - Tifton
Georgia (USA)
Tel. +229 382 7330
www.exlabesa.com

American Aluminum Association Standard Tolerances Apply