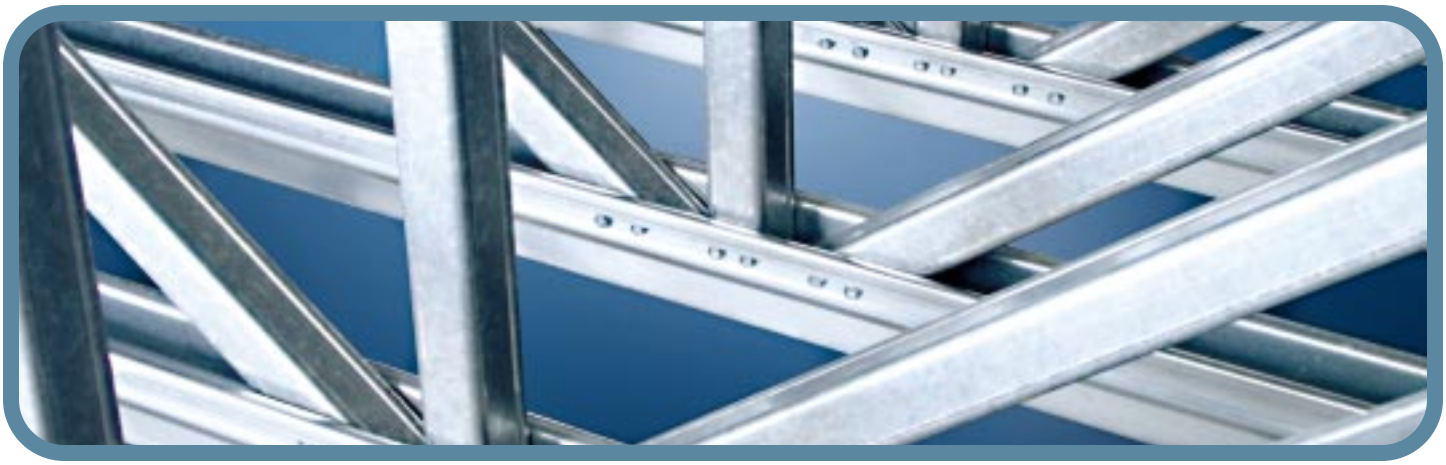
NUTRUSS™
A NUCONSTEEL PRODUCT



RIB ROOF® Brings You NUTRUSS™ from NUCONSTEEL™

Since 1978, **Rib Roof**®, Inc. has provided a complete metal building service for the self-storage builder/developer and retro-fit reproofing systems for the industrial and commercial building industry. With value engineering and accurate estimating, **Rib Roof**® ensures maximum efficiencies for large or small projects. Now, **Rib Roof**® has teamed up with the leader in the steel truss industry, **NUCONSTEEL**™, to bring you a proven steel truss option - **NUTRUSS**™.

Supported by Truswal® design and engineering software, **NUTRUSS**™ is a proven performer. **NUCONSTEEL**™ and its parent company Nucor Corporation, (America's largest steel company), bring more than 40 years of innovation, technology, and experience to bear on producing a complete steel roof truss system.

NUTRUSS™ is an engineered light gauge steel truss system offering superior strength, flexibility, and spanning capability. Combined with imaginative design and application capabilities, and backed by the same level of commitment and service you've come to expect from **Rib Roof**®, **NUTRUSS**™ provides you with a proven steel truss roofing system.

Choose **Rib Roof**® to tailor a **NUTRUSS**™ application to fit your building needs, and see why using **Rib Roof**® for your next project is a decision you make with confidence.

For more information on **NUTRUSS**™ please contact:

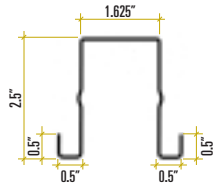
RIB·ROOF METAL SYSTEMS

Rib Roof Inc., 570 Morrison Street,
Rossville, TN 38066 1-800-876-9062

NU SOLUTIONS™ THE NU WAY TO BUILD

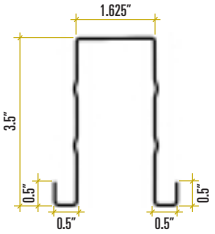
NUTRUSS™

A NUCONSTEEL PRODUCT



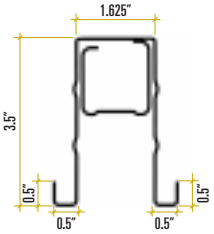
25TC
Chord

Available in 16, 18, 20 & 22 GA.
Note: Last two numbers refers to gauges.
Example- 25TC20 refers to chord 2 1/2" deep, 20 gauge.



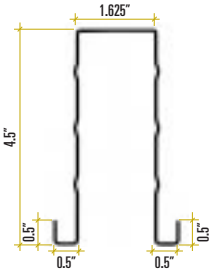
35TC
Chord

Available in 16, 18, 20 & 22 GA.
Note: Last two numbers refers to gauges.
Example- 35TC20 refers to chord 3 1/2" deep, 20 gauge.



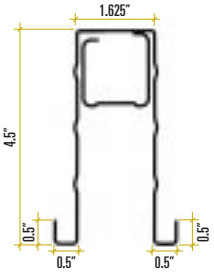
35TC16C16
Chord with Insert

Available in 16 GA. only.



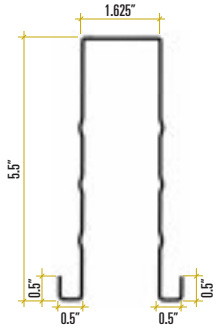
45TC
Chord

Available in 16, 18, 20 GA.
Note: Last two numbers refers to gauges
Example- 45TC20 refers to chord 4 1/2" deep, 20 gauge.



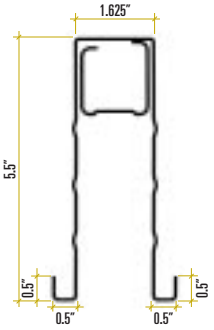
45TC16C16
Chord with Insert

Available in 16 GA. only.



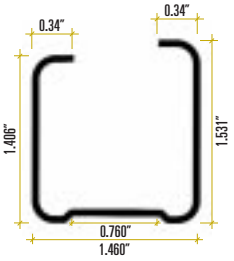
55TC
Chord

Available in 16, 18 & 20 GA.
Note: Last two numbers refers to gauges.
Example- 55TC20 refers to chord 5 1/2" deep, 20 gauge.



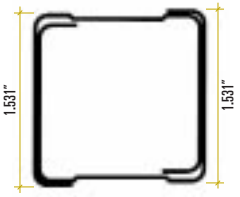
55TC16C16
Chord with Insert

Available in 16 GA. only.



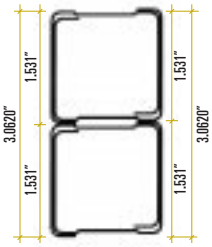
15C
Single Web

Available in 16, 18, 20 & 22 GA.
Note: Last two numbers refers to gauges.
Example- 15C20 refers to single web 20 gauge.



15D
Nested Webs

Available in 16, 18, 20 & 22 GA.
Note: Last two numbers refers to gauges.
Example- 15D20 refers to nested webs 20 gauge.



2D
Double Nested Webs

Available in 16, 18, 20 & 22 GA.
Note: Last two numbers refers to gauges.
Example- 2D20 refers to double nested webs 20 gauge.

PROPERTIES* & SPECIFICATIONS TABLE

Sections	t (in.)	Area (in.2)	Weight lb/ft	Ix (in.4)	Sx (in.3)	Rx (in.)	Iy (in.4)	Sy (in.3)	Ry (in)	Jx1000 (in.4)	Cw (in.)	R0 (in.)	X0 (in.)	Y0 (in.)	jy (in)
15C22	0.0283	0.1336	0.4541	0.0373	0.0411	0.5286	0.0477	0.0655	0.5976	0.0357	0.0215	1.5285	0.0581	-1.3025	1.4475
15C20	0.0346	0.1619	0.5503	0.0447	0.0494	0.5257	0.0566	0.0782	0.5913	0.0646	0.0252	1.5214	0.0577	-1.2981	1.4410
15C18	0.0451	0.2079	0.7067	0.0564	0.0623	0.5210	0.0701	0.0979	0.5808	0.1409	0.0306	1.5094	0.0571	1.2909	1.4302
15C16	0.0566	0.2566	0.8723	0.0683	0.0756	0.5158	0.0832	0.1174	0.5693	0.2740	0.0355	1.4964	0.0564	-1.2829	1.4183
15D22	0.0283	0.2671	0.9083	0.0790	0.1013	0.5438	0.0957	0.1321	0.5985	0.0713	0.0430	0.8086	0.0000	0.0000	0.0000
15D20	0.0346	0.3237	1.1007	0.0944	0.1206	0.5401	0.1136	0.1571	0.5924	0.1292	0.0504	0.8016	0.0000	0.0000	0.0000
15D18	0.0451	0.4157	1.4134	0.1185	0.1504	0.5340	0.1409	0.1955	0.5822	0.2819	0.0612	0.7900	0.0000	0.0000	0.0000
15D16	0.0566	0.5131	1.7446	0.1427	0.1798	0.5273	0.1674	0.2331	0.5712	0.5479	0.0709	0.7774	0.0000	0.0000	0.0000
2D22	0.0283	0.5343	1.8165	0.4711	0.3049	0.9390	0.1914	0.2643	0.5985	0.1426	0.0860	1.1135	0.0000	0.0000	0.0000
2D20	0.0346	0.6475	2.2014	0.5682	0.3670	0.9368	0.2272	0.3143	0.5924	0.2584	0.1008	1.1084	0.0000	0.0000	0.0000
2D18	0.0451	0.8314	2.8269	0.7243	0.4662	0.9333	0.2819	0.3911	0.5822	0.5637	0.1224	1.1000	0.0000	0.0000	0.0000
2D16	0.0566	1.0263	3.4893	0.8868	0.5687	0.9296	0.3349	0.4662	0.5712	1.0959	0.1418	1.0910	0.0000	0.0000	0.0000
25TC22	0.0283	0.2345	0.7972	0.2012	0.1603	0.9263	0.1673	0.1303	0.8446	0.0626	0.0821	2.5301	0.0000	2.1977	-2.3179
25TC20	0.0346	0.2851	0.9692	0.2429	0.1939	0.9231	0.2010	0.1573	0.8397	0.1137	0.0976	2.5254	0.0000	2.1955	-2.3150
35TC22	0.0283	0.2911	0.9896	0.4610	0.2612	1.2586	0.2033	0.1583	0.8359	0.0777	0.1948	3.5257	0.0000	3.1856	-3.2433
35TC20	0.0346	0.3543	1.2045	0.5580	0.3166	1.2551	0.2447	0.1915	0.8312	0.1414	0.2325	3.5220	0.0000	3.1841	-3.2418
25TC18	0.0451	0.3681	1.2516	0.3101	0.2480	0.9178	0.2545	0.2008	0.8314	0.2496	0.1213	2.5175	0.0000	2.1918	-2.3101
45TC20	0.0346	0.4235	1.4398	1.0502	0.4628	1.5748	0.2885	0.2258	0.8254	0.1690	0.4560	4.5386	0.0000	4.1759	-4.2031
25TC16	0.0566	0.4572	1.5546	0.3803	0.3033	0.9120	0.3093	0.2463	0.8225	0.4883	0.1446	2.5086	0.0000	2.1875	-2.3046
35TC18	0.0451	0.4583	1.5583	0.7152	0.4066	1.2492	0.3108	0.2452	0.8235	0.3107	0.2913	3.5157	0.0000	3.1815	-3.2391
55TC20	0.0346	0.4927	1.6750	1.7540	0.6323	1.8869	0.3320	0.2600	0.8213	0.1966	0.7900	5.5642	0.0000	5.1697	-5.1801
45TC18	0.0451	0.5485	1.8650	1.3490	0.5958	1.5685	0.3670	0.2896	0.8181	0.3719	0.5739	4.5335	0.0000	4.1741	-4.2020
35TC16	0.0566	0.5704	1.9395	0.8810	0.5021	1.2428	0.3789	0.3017	0.8150	0.6091	0.3500	3.5087	0.0000	3.1784	-3.2361
55TC18	0.0451	0.6387	2.1716	2.2580	0.8153	1.8802	0.4230	0.3340	0.8142	0.4330	0.9973	5.5599	0.0000	5.1686	-5.1800
45TC16	0.0566	0.6836	2.3244	1.6670	0.7374	1.5615	0.4490	0.3572	0.8100	0.7300	0.6930	4.5276	0.0000	4.1719	-4.2006
55TC16	0.0566	0.7968	2.7092	2.7950	1.0109	1.8727	0.5180	0.4126	0.8064	0.8509	1.2086	5.5549	0.0000	5.1671	-5.1796
35TC16C16	0.0566	0.8270	2.8118	1.0610	0.7035(t)	1.1327	0.4622	0.3663(l)	0.7475	0.8831	0.3855	2.6465	-0.0003	2.2720	-2.5720
					0.5327(b)			0.3697(r)							
45TC16C16	0.0566	0.9402	3.1967	2.0520	1.0774(t)	1.4774	0.5320	0.4218(l)	0.7521	1.0040	0.7285	3.5747	-0.0020	3.1670	-3.5458
					0.7907(b)			0.4251(r)							
55TC16C16	0.0566	1.0534	3.5816	3.4950	1.5031(t)	1.8214	0.6010	0.4772(l)	0.7556	1.1249	1.2441	4.5363	-0.0027	4.0852	-4.5124
					1.1007(b)			0.4806(r)							

*GROSS SECTION PROPERTIES.

NU SOLUTIONS™
THE NU WAY TO BUILD