ALYTA
Specialty Products de Mexico S.A. de C.V.

Catalago/Linesheet

Productos Metalicos & Servicios - Plantas Industriales

Metalic Products & Services – Industrial Plants

ALYTA SPECIALTY PRODUCTS DE MEXICO SA DE CV
CERRO DEL TOPO # 6106 , VALLE DE LAS CUMBRES,
MONTERREY, N.L. 64347 MEXICO

www.alytamexico.com

A) Productos Metalicos

1. **Carbon Steel Tubing (Tuberia Acero al Carbon)**
    a. **DOM A513-5 Welded & Drawn, Gr 1020, 1026 & 4130, and others**
    b. **CDS A519 Cold Drawn & Seamless Gr 1020, 1026, and others**
    c. **HFS A519 Hot Finished Seamless (Various Grades)**
    d. **Hydraulic Tubing (J526 ERW)**
    e. **Hydraulic Tubing (J525 Welded & Drawn)**
    f. **Hydraulic Tubing (J524 Seamless & Drawn)**
    g. **Mechanical Tubing ERW A513 Type 1 – Hot Rolled & HRPO**
    h. **Mechanical Tubing ERW A513 Type 2 – Cold Rolled**
    i. **HSS Hollow Structural Steel Tubing per A500 Grade A, B & C**
2. **Carbon Steel Pipe (OCTG, Line Pipe & Others) – Just tell us What you need.**
3. **Carbon Steel, Stainless Steel & Nickel Alloys - Engineered Shapes & Extrusions**
4. **Stainless Steel Tubing (Many Grades & Applications)**
    a. **Welded**
    b. **Seamless**
    c. **Drawn (Welded & Seamless)**
5. **Stainless Pipe Gr 304, 316, and Other Nickel Alloys**
6. **Structural Products: Beams, Channels, Angles (Equal & Un-equal Legs), Solid bars, etc.**
7. **Aluminum Tubing & Pipe (Drawn & Extruded)**
    a. **A421 – Alum. & Al Alloy Seamless Pipe & Seamless Extruded Tube (Pressure Apps)**
    b. **A429 – Alum. Alloy Struct. Pipe & Tube (Not for Fluids Transm.) Only Structural Applications.**
    c. **A491 – Aluminum Alloy Round Extruded Coils for General applications**
    d. **A483 – Aluminum & Aluminum Alloy Drawn Tube and Pipe for General Applications**
8. **Red Metals (Copper, Brass & Bronze)**
    a. **Tubing**
    b. **Pipe**
    c. **Coiled tubing**
    d. **Coils (Coiled Sheet)**
    e. **Sheets**

B) Equipos & Maquinaria para diversas Industrias (HVAC & Others)

a. **Equipos Para Pruebas de Fugas por Perdida de Vacio**
b. **Equipos Para Pruebas de Presion (Caida de Presion)**
c. **Equipos Para Deteccion de fugas localizables (Sniffer), Inficon y otras marcas**
d. **Equipos Para pruebas de unidades completas (Camara/Chamber test)**
e. **Equipos para carga de Refrigerante a Unidades Condensadoras/Evap.**
f. **Diseño, fabricación e instalación de Lineas completas de Inspeccion para Unidades Condensadoras y Evaporadoras ** Representacion Comercial Exclusiva en Mexico de Vacuum Technology Incorporated also known as VTI.**

C) Servicios

a. **Calibracion (Fugas Calibradas)**

b. **Reparacion y reemplazo de componentes (Fugas Calibradas)**
c. **Reparacion o Sustitucion de Tarjetas Electronicas cualquier Marca Maquinas CNC**
d. **Calibracion (Ion Gauges)**
e. **Calibracion Sonic Testers**
f. **Fabricacion de nuevas Fugas Calibradas (Cualquier marca)**
g. **MRO services**

- **Materiales Indirectos Consumibles**
  - **Herramientas de corte (Sandvik & Other Brands)**
  - **Materiales de empaque**
- **Partes Repuesto (Equipos y Maquinaria)**
  - **Electronics (PCB's, Controls, Assemblies, Spare Parts, etc)**
- **Componentes Terminados y/o Partes de Compra**

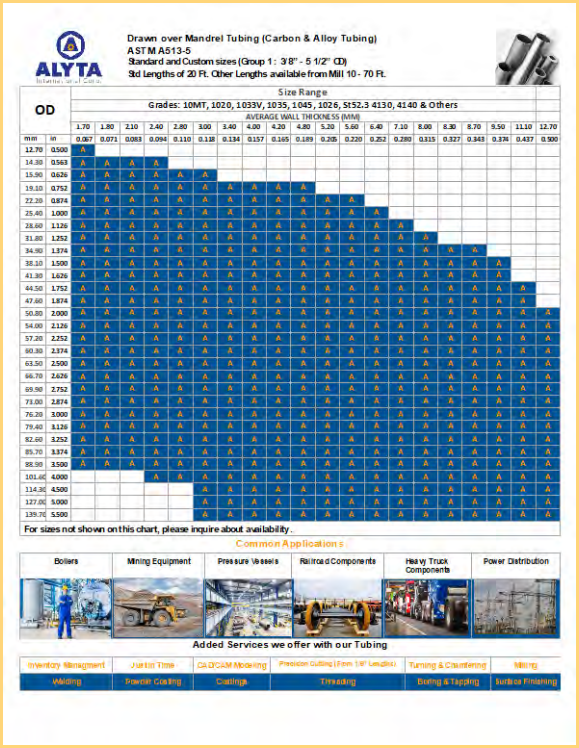
- **Cintas de Banda Para corte (Por aplicacion, maquina y medida**
- **Electrical parts**
- **Electro-Mechanical**

*** Para cualquier Producto, Proceso, Maquina, Marca, etc.**

g. Fabricacion de componentes y Procesamiento de Metales

- **Cortes de Precision**
- **Formado**
- **Doblez**
- **Punzonado**
- **Perforado**
- **Maquinados especiales**

Drawn Over Mandrel Tube Per ASTM A513 Type 5/6



ALYTA International Corp.

Drawn over Mandrel Tubing (Carbon & Alloy Tubing)
ASTM A513-5
Standard and Custom sizes (Group 1 : 3/8" - 5 1/2" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.

OD		Size Range: Grades: 10MT, 1020, 1033V, 1035, 1045, 1026, St52.3 4130, 4140 & Others — AVERAGE WALL THICKNESS (MM)																	
		1.70	1.80	2.10	2.40	2.80	3.00	3.40	4.00	4.20	4.80	5.20	5.60	6.40	7.10	8.00	8.30	8.70	9.50	11.10	12.70
mm	in	0.067	0.071	0.083	0.094	0.110	0.118	0.134	0.157	0.165	0.189	0.205	0.220	0.252	0.280	0.315	0.327	0.343	0.374	0.437	0.500
12.70	0.500	A																			
14.30	0.563	A	A	A	A																
15.90	0.626	A	A	A	A	A	A														
19.10	0.752	A	A	A	A	A	A	A	A	A	A										
22.20	0.874	A	A	A	A	A	A	A	A	A	A	A	A								
25.40	1.000	A	A	A	A	A	A	A	A	A	A	A	A	A							
28.60	1.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A						
31.80	1.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A					
34.90	1.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
38.10	1.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
41.30	1.626	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
44.50	1.752	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
47.60	1.874	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
50.80	2.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
54.00	2.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
57.20	2.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
60.30	2.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
63.50	2.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
66.70	2.626	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
69.90	2.752	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
73.00	2.874	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
76.20	3.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
79.40	3.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
82.60	3.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
85.70	3.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
88.90	3.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
101.60	4.000					A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
114.30	4.500						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
127.00	5.000						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
139.70	5.500						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

For sizes not shown on this chart, please inquire about availability.

Common Applications :

Added Services we offer with our Tubing

Inventory Management	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Turning & Chamfering	Milling
Welding	Powder Coating	Coatings	Threading	Boring & Tapping	Surface Finishing

ALYTA International Corp.

Drawn over Mandrel Tubing (Carbon & Alloy Tubing)
ASTM A513-5
Standard and Custom sizes (Group 1 : 5 5/8" - 9.00" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.

OD		Size Range: Grades: 10MT, 1020, 1033V, 1035, 1045, 1026, St52.3 4130, 4140 & Others — AVERAGE WALL THICKNESS (MM)																			
		3.05	3.40	3.76	3.96	4.19	4.57	4.78	5.16	5.59	6.35	6.60	7.14	7.21	7.62	7.95	8.74	9.53	11.18	12.70	15.88
mm	in	0.120	0.134	0.148	0.156	0.165	0.180	0.188	0.203	0.220	0.250	0.260	0.281	0.284	0.300	0.313	0.344	0.375	0.440	0.500	0.625
	5.625	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	5.750	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	5.875	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	6.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	6.250	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	6.500							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	6.625							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	6.750							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	7.000							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	7.250							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	7.500							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	7.750							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	8.000							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	8.250							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	8.500							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	8.750							A	A	A	A	A	A	A	A	A	A	A	A	A	A
	9.000							A	A	A	A	A	A	A	A	A	A	A	A	A	A

For sizes not shown on this chart, please inquire about availability.

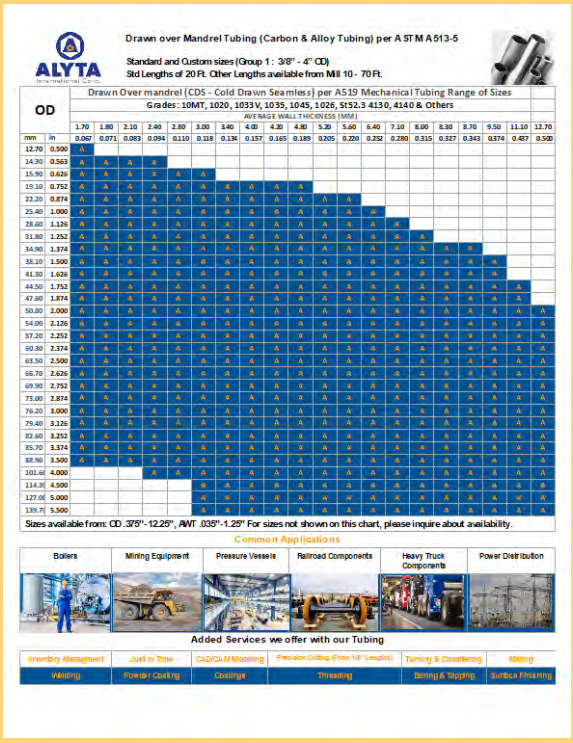
CONDITIONS AVAILABLE :

*STRESS RELIEVED * ANNEALED *NORMALIZED * AS-DRAWN

Common Applications

Added Services we offer with our Tubing

Inventory Management	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Turning & Chamfering	Milling
Welding	Powder Coating	Coatings	Threading	Boring & Tapping	Surface Finishing



ALYTA International Corp.

Drawn over Mandrel Tubing (Carbon & Alloy Tubing) per ASTM A513-5

Standard and Custom sizes (Group 1 : 3/8" - 4" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.

OD		Drawn Over mandrel (CDS - Cold Drawn Seamless) per A519 Mechanical Tubing Range of Sizes — Grades: 10MT, 1020, 1033V, 1035, 1045, 1026, St52.3 4130, 4140 & Others — AVERAGE WALL THICKNESS (MM)																			
		1.70	1.80	2.10	2.40	2.80	3.00	3.40	4.00	4.20	4.80	5.20	5.60	6.40	7.10	8.00	8.30	8.70	9.50	11.10	12.70
mm	in	0.067	0.071	0.083	0.094	0.110	0.118	0.134	0.157	0.165	0.189	0.205	0.220	0.252	0.280	0.315	0.327	0.343	0.374	0.437	0.500
12.70	0.500	A																			
14.30	0.563	A	A	A	A																
15.90	0.626	A	A	A	A	A	A														
19.10	0.752	A	A	A	A	A	A	A	A	A	A										
22.20	0.874	A	A	A	A	A	A	A	A	A	A	A	A								
25.40	1.000	A	A	A	A	A	A	A	A	A	A	A	A	A							
28.60	1.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A						
31.80	1.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A					
34.90	1.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A				
38.10	1.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
41.30	1.626	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
44.50	1.752	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
47.60	1.874	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		
50.80	2.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
54.00	2.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
57.20	2.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
60.30	2.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
63.50	2.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
66.70	2.626	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
69.90	2.752	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
73.00	2.874	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
76.20	3.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
79.40	3.126	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
82.60	3.252	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
85.70	3.374	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
88.90	3.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
101.60	4.000					A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
114.30	4.500						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
127.00	5.000						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
139.70	5.500						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Sizes available from: OD .375"- 12.25", AWT .035"-1.25" For sizes not shown on this chart, please inquire about availability.

Common Applications

Added Services we offer with our Tubing

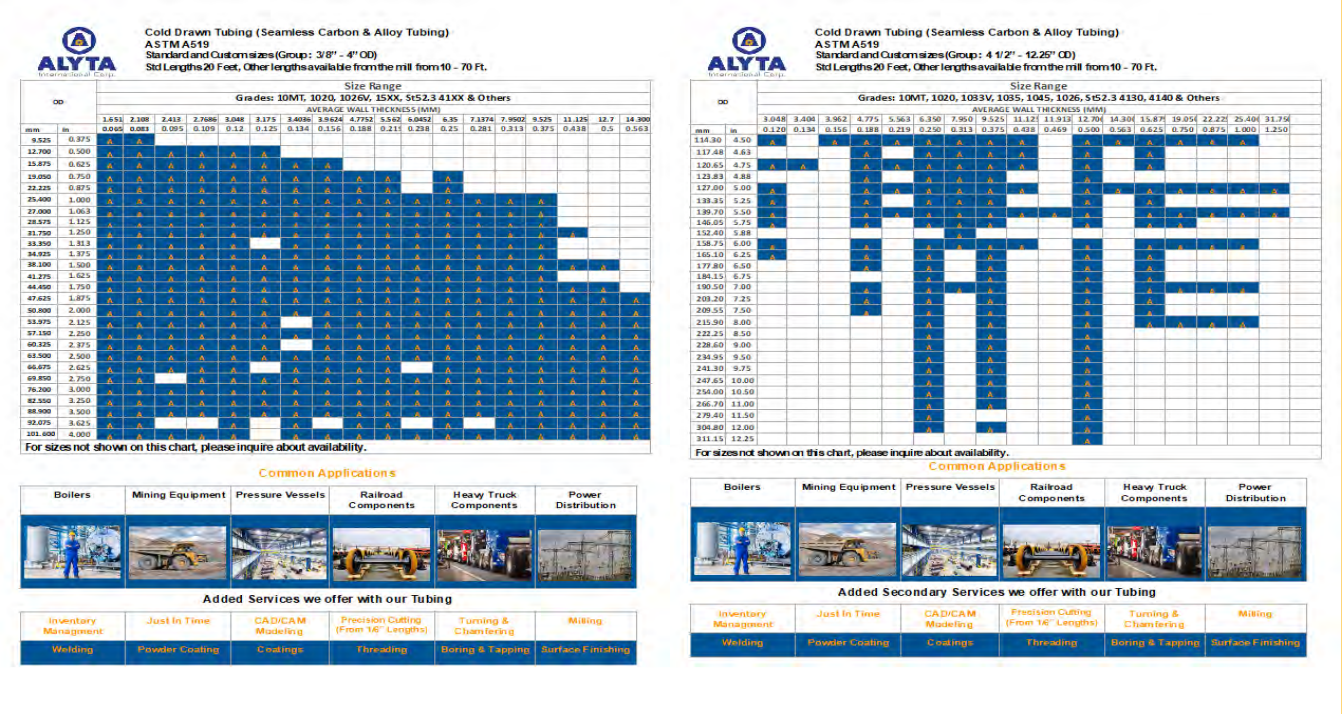
Inventory Management	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Turning & Chamfering	Milling
Welding	Powder Coating	Coatings	Threading	Boring & Tapping	Surface Finishing

****** Consultarnos si el el tamaño o dimension requerida no se encuentra en estas tablas.***

Cold Drawn Shapes

A process by which a bar or tube is reduced in size or changed in shape by pulling it through a series of dies or mandrels.

Este es un proceso utilizado en una barra o en un tubo utilizado para reducir en tamaño o forma siendo este material empujado a travez de una serie de dados y/o mandriles para llegar a la forma o dimension deseada.



Hydraulic Tubing

Sizes J524: 0.125" – 3.00" OD

Sizes J525: 0.25" – 2.00" OD

Sizes J526: 5/16" – 2.00" OD

ALYTA International Corp.

Pressure Tube (Carbon & Alloys)
Welded per SAJ525
Seamless per SA J524 or SA179
Standard and Custom sizes (Range : 3/16" - 2" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.

OD		SIZE RANGE							
		AVERAGE WALL THICKNESS (MM)							
		0.9	1.2	1.7	2.1	2.4	2.8	3.0	3.4
mm	in	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134
12.70	0.188	A							
14.30	0.250	A	A						
15.90	0.313	A	A	A					
19.10	0.375	A	A	A					
22.20	0.500	A	A	A	A				
25.40	0.625	A	A	A	A	A			
28.60	0.750	A	A	A	A	A	A	A	
31.80	0.875		A	A	A	A	A		
34.90	1.000		A	A	A	A	A	A	
38.10	1.125			A					
41.30	1.250		A	A	A	A	A	A	
44.50	1.500			A	A	A	A	A	A
47.60	1.750			A	A	A		A	A
50.80	2.000			A	A	A		A	A

WE CAN OFFER ZN COATED OR PHOSPHATE COATED HYDRAULIC TUBING
OD METRIC SIZES (MM) : 4, 6, 8, 10, 12, 14, 15, 16, 18, 22, 25, 28, 30, 32, 35, 38, 42
WALL METRIC SIZES (MM) : 1, 15, 2, 2.5, 3, 4, 6

Per EN 10305-5 and 10305-1
Steel : E235 +N

For sizes not shown on this chart, please inquire about availability.

A513 Type 1 & 2 - ERW Mechanical Tubing

ALYTA International Corp.

Rectangular ERW Mechanical Tubing (Carbon & Alloy Tubing)
ASTM A513-1, 2 & A500 B/C.
Grades AISI/SAE 1008 thru 1022 & HSLA (50-90)
Standard and Custom sizes (5/8" - 6.625" & 0.030" - 0.375" WALL)
Std Lengths of 20 Ft. Longer Lengths available from Mill up to 38 Ft.

Size Range

OD		AVERAGE WALL THICKNESS (MM)							
		0.89	1.24	1.65	2.11	2.41	2.77	3.05	3.40
Side 1	Side 2	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134
0.394	0.866	A	A	A	A	A			
0.500	1.000	A	A	A	A	A			
0.500	1.250	A	A	A	A	A			
0.500	1.500	A	A	A	A	A	A	A	
0.750	1.000	A	A	A	A	A	A	A	
1.000	1.500	A	A	A	A	A	A	A	
1.000	1.750	A	A	A	A	A	A	A	
1.000	2.000	A	A	A	A	A	A	A	
1.250	2.000	A	A	A	A	A	A	A	A
63.500	2.500	A	A	A	A	A	A	A	A
1.500	2.000	A	A	A	A	A	A	A	A
1.500	2.500	A	A	A	A	A	A	A	A
1.500	3.000	A	A	A	A	A	A	A	A
2.000	3.000	A	A	A	A	A	A	A	A

NOTE 1: OVER 50 OVAL SIZES AVAILABLE
NOTE 2: OTHER CUSTOM SHAPES AVAILABLE

For sizes not shown on this chart, please inquire about availability.

Steel Finish Offered

	Condition	Weld	STD			
✓	Hot Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Cold Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Pickled & Oiled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN

Common Applications

Material Handling	Recreational Vehicles	Furniture	Ag Equipment	Construction Eq	Automotive

Added Services we offer with our Tubing

Inventory Managment	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Tapping	Milling
Weldments	Powder Coating	Coatings	Laser Cutting	Boring	Surface & End Finishing

ALYTA International Corp.

Round ERW Tubing (Carbon & Alloy Tubing)
ASTM A513-1 & A500 B/C
Standard and Custom sizes (5/8" - 6.625" & 0.065" - 0.500" WALL)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 ft.

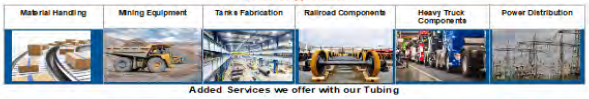
Size Range

OD		AVERAGE WALL THICKNESS (MM)																											
		1.70	1.80	2.10	2.40	2.80	3.00	3.40	4.00	4.20	4.80	5.20	5.90	6.40	7.10	8.00	8.13	9.30	9.70	9.50	10.16	10.80	11.30	12.70
mm	in	0.067	0.071	0.083	0.094	0.110	0.118	0.134	0.157	0.165	0.189	0.205	0.220	0.252	0.280	0.315	0.320	0.322	0.343	0.374	0.400	0.425	0.417	0.500
15.875	0.625	A	A																					
19.050	0.750	A	A	A																				
25.400	1.000	A	A	A	A	A	A	A	A	A														
31.750	1.250	A	A	A	A	A	A	A	A	A	A													
38.100	1.500	A	A	A	A	A	A	A	A	A	A	A	A											
41.275	1.625	A	A	A	A	A	A	A	A	A	A	A	A	A										
42.164	1.660	A	A	A	A	A	A	A	A	A	A	A	A	A										
44.450	1.750	A	A	A	A	A	A	A	A	A	A	A	A	A										
48.260	1.900	A	A	A	A	A	A	A	A	A	A	A	A	A										
50.800	2.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
52.375	2.062	A	A	A	A	A	A	A	A	A	A	A	A	A	A									
57.150	2.250	A	A	A	A	A	A	A	A	A	A	A	A	A										
60.325	2.375	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A		
63.500	2.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A					
69.850	2.750	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A					
73.025	2.875	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A			
76.200	3.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A				A	A
79.375	3.125				A	A			A	A					A		A			A	A	A	A	
82.550	3.250	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A				A	A
85.725	3.375	A	A	A	A	A	A	A	A	A	A	A	A	A										
88.900	3.500	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
95.250	3.750	A	A	A	A	A	A	A	A	A	A	A	A	A	A		A	A	A				A	A
101.600	4.000	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
114.300	4.500						A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
127.000	5.000							A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
139.700	5.500							A	A	A	A	A	A	A	A		A	A	A				A	A
141.300	5.563								A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
145.339	5.722								A	A	A	A	A	A	A									
168.275	6.625																				A	A		

For sizes not shown on this chart, please inquire about availability.

Common Applications

Material Handling	Mining Equipment	Tanks Fabrication	Railroad Components	Heavy Truck Components	Power Distribution



Added Services we offer with our Tubing

Inventory Managment	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Turning & Chamfering	Milling
Welding	Powder Coating	Coatings	Threading	Boring & Tapping	Surface & End Finishing

ALYTA International Corp.

Round ERW Tubing (Carbon & Alloy Tubing). ASTMA513-1, 2 & A500 B/C
Grades AISI/SAE 1008 thru 1022 & High Strength/Low Alloy (50-90)
Standard and Custom sizes (5/8" - 6.625" & 0.030" - 0.375" WALL)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.

Size Range

OD		AVERAGE WALL THICKNESS (MM)									
		1.70	1.80	2.10	2.40	2.80	3.00	3.40	4.00	4.20	9.53
mm	in	0.035	0.049	0.065	0.083	0.095	0.109	0.120	1.340	0.148	0.375
15.875	0.625	A	A	A	A	A					
18.009	0.709	A	A	A	A	A	A	A			
19.050	0.750	A	A	A	A	A	A	A			
19.888	0.783	A	A	A	A	A	A	A			
21.742	0.856	A	A	A	A	A	A	A			
22.225	0.875	A	A	A	A	A	A	A			
25.400	1.000	A	A	A	A	A	A	A	A	A	
27.000	1.063	A	A	A	A	A	A	A	A	A	
28.575	1.125	A	A	A	A	A	A	A	A	A	
31.750	1.250	A	A	A	A	A	A	A	A	A	
33.096	1.303	A	A	A	A	A	A	A	A	A	
34.925	1.375	A	A	A	A	A	A	A	A	A	
38.100	1.500	A	A	A	A	A	A	A	A	A	
40.208	1.583	A	A	A	A	A	A	A	A	A	
41.275	1.625	A	A	A	A	A	A	A	A	A	
44.450	1.750	A	A	A	A	A	A	A	A	A	
47.625	1.875	A	A	A	A	A	A	A	A	A	
48.260	1.900	A	A	A	A	A	A	A	A	A	
50.800	2.000	A	A	A	A	A	A	A	A	A	
57.150	2.250	A	A	A	A	A	A	A	A	A	
60.325	2.375	A	A	A	A	A	A	A	A	A	
63.500	2.500	A	A	A	A	A	A	A	A	A	
69.850	2.750	A	A	A	A	A	A	A	A	A	
76.200	3.000	A	A	A	A	A	A	A	A	A	
168.275	6.625										

Many Sizes in this range Please Inquire about your specific need

Other Sizes available in this range. Please send us your inquiry.

For sizes not shown on this chart, please inquire about availability.

Steel Finish Offered

	Condition	Weld	STD			
✓	Hot Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EIN
✓	Cold Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EIN
✓	Pickled & Oiled	OD/ID Flash Control	ASTM	JIS	STKM	EIN

Common Applications

Material Handling	Recreational Vehicles	Furniture	Ag Equipment	Construction Eq	Automotive

Added Services we offer with our Tubing

Inventory Management	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Turning & Chamfering	Milling
Welding	Powder Coating	Coatings	Threading	Boring & Tapping	Surface & End Finishing

ALYTA International Corp.

Square ERW Mechanical Tubing (Carbon & Alloy Tubing)
ASTMA513-1, 2 & A500 B/C.
Grades AISI/SAE 1008 thru 1022 & HSLA (50-90)
Standard and Custom sizes (5/8" - 6.625" & 0.030" - 0.375" WALL)
Std Lengths of 20 Ft. Longer Lengths available from Mill up to 38 Ft.

Tubing Range of Sizes

OD		AVERAGE WALL THICKNESS (MM)								
		0.89	1.24	1.65	2.11	2.41	2.77	3.05	3.40	3.56
mm	in	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.140
9.525	0.375	A	A	A	A	A				
12.700	0.500	A	A	A	A	A				
15.875	0.625	A	A	A	A	A				
19.050	0.750	A	A	A	A	A	A	A		
19.050	0.750	A	A	A	A	A	A	A		
25.400	1.000	A	A	A	A	A	A	A		
31.750	1.250	A	A	A	A	A	A	A		
38.100	1.500	A	A	A	A	A	A	A		
44.450	1.750	A	A	A	A	A	A	A	A	
50.013	1.969	A	A	A	A	A	A	A	A	
50.800	2.000	A	A	A	A	A	A	A	A	
57.150	2.250	A	A	A	A	A	A	A	A	
63.500	2.500	A	A	A	A	A	A	A	A	
101.600	4.000									

Many Sizes in this range

Please Inquire about your specific need

Other Sizes available in this range. Please send us your inquiry.

For sizes not shown on this chart, please inquire about availability.

Steel Finish Offered

	Condition	Weld	STD			
✓	Hot Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Cold Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Pickled & Oiled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN

Common Applications

Material Handling	Recreational Vehicles	Furniture	Ag Equipment	Construction Eq	Automotive

Added Services we offer with our Tubing

Inventory Managment	Just in Time	CAD/CAM Modeling	Precision Cutting (From 1/8" Lengths)	Tapping	Milling
Weldments	Powder Coating	Coatings	Laser Cutting	Boring	Surface & End Finishing

ALYTA International Corp.

Square ERW Mechanical Tubing (Carbon & Alloy Tubing)
ASTM A513-1, 2 & A500 B/C.
Grades AISI/SAE 1008 thru 1022 & HSLA (50-90)
Standard and Custom sizes (5/8" - 6.625" & 0.030" - 0.375" WALL)
Std Lengths of 20 Ft. Longer Lengths available from Mill up to 38 Ft.

OD		Size Range								
		AVERAGE WALL THICKNESS (MM)								
		0.89	1.24	1.65	2.11	2.41	2.77	3.05	3.40	→ 3.56
mm	in	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.140
9.525	0.375	A	A	A	A	A				
12.700	0.500	A	A	A	A	A				
15.875	0.625	A	A	A	A	A				
19.050	0.750	A	A	A	A	A	A	A		
19.050	0.750	A	A	A	A	A	A	A		
25.400	1.000	A	A	A	A	A	A	A		
31.750	1.250	A	A	A	A	A	A	A		
38.100	1.500	A	A	A	A	A	A	A		
44.450	1.750	A	A	A	A	A	A	A	A	
50.013	1.969	A	A	A	A	A	A	A	A	
50.800	2.000	A	A	A	A	A	A	A	A	
57.150	2.250	A	A	A	A	A	A	A	A	
63.500	2.500	A	A	A	A	A	A	A	A	
↓										
101.600	4.000									

Many Sizes in this range

Please Inquire about your specific need

Other Sizes available in this range. Please send us your inquiry.

For sizes not shown on this chart, please inquire about availability.

Steel Finish Offered

	Condition	Weld	STD			
✓	Hot Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Cold Rolled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN
✓	Pickled & Oiled	OD/ID Flash Control	ASTM	JIS	STKM	EN/DIN

Common Applications

Material Handling	Recreational Vehicles	Furniture	Ag Equipment	Construction Eq	Automotive

Added Services we offer with our Tubing

Inventory Managment	Just In Time	CAD/CAM Modeling	Precision Cutting (From 1/6" Lengths)	Tapping	Milling
Weldments	Powder Coating	Coatings	Laser Cutting	Boring	Surface & End Finishing

HSS Carbon Steel Tubes - Rectangular Structural Tubes per A500 ASTM Grade A, B & C

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE WALL	Wt/Ft	20 FT W x H Pcs	Bdl WGT	24 FT W x H Pcs	Bdl WGT	40 FT W x H Pcs	Bdl WGT	48 FT W x H Pcs	Bdl WGT	60 FT W x H Pcs	Bdl WGT
2X1											
.065	1.270	8 x 10 80	2032	8 x 10 80	2436						
.083	1.600	8 x 10 80	2560	8 x 10 80	3072						
.110	1.980	8 x 10 80	3168	8 x 10 80	3802						
.120	2.252	8 x 10 80	3603	8 x 10 80	4324						
.125	2.200	8 x 10 80	3520	8 x 10 80	4224	8 x 8 64	5632				
.134	2.489	8 x 10 80	3982	8 x 10 80	4779	8 x 8 64	6372				
.150	2.721	8 x 10 80	4354	8 x 10 80	5224	8 x 8 64	5224				
.165	2.760	8 x 10 80	4416	8 x 10 80	5299	8 x 6 48	5299				
.188	3.040	8 x 10 80	4864	8 x 8 64	4669	8 x 6 48	5837				
2X1.5											
.110	2.350	8 x 8 64	3008	8 x 8 64	3610	8 x 8 64	6016				
.125	2.630	8 x 8 64	3366	8 x 8 64	4040	8 x 8 64	6733				
.134	2.945	8 x 8 64	3770	8 x 8 64	4524	8 x 8 64	7539				
.150	3.224	8 x 6 48	3095	8 x 6 48	3714	8 x 6 48	6190				
.165	3.320	8 x 6 48	3187	8 x 6 48	3825	8 x 6 48	6374				
.188	3.680	8 x 6 48	3533	8 x 6 48	4239	8 x 6 48	7066				
2.5X1											
.110	2.350	7 x 10 70	3290	7 x 10 70	3948	7 x 7 49	4606				
.125	2.630	7 x 10 70	3682	7 x 10 70	4418	7 x 7 49	5155				
.134	2.945	7 x 10 70	4123	7 x 10 70	4948	7 x 7 49	5772				
.150	3.224	7 x 7 49	3160	7 x 7 49	3791	7 x 7 49	6319				
.165	3.320	7 x 7 49	3254	7 x 7 49	3904	7 x 5 35	4648				
.188	3.680	7 x 7 49	3606	7 x 7 49	4328	7 x 5 35	5152				
2.5X1.5											
.110	2.720	7 x 10 70	3808	7 x 10 70	4570	7 x 7 49	5331				
.125	3.060	7 x 10 70	4284	7 x 10 70	5141	7 x 7 49	5998				
.134	3.401	7 x 10 70	4761	7 x 10 70	5714	7 x 7 49	6666				
.150	3.727	7 x 7 49	3652	7 x 7 49	4383	7 x 7 49	7305				
.165	4.118	7 x 7 49	4038	7 x 7 49	4843	7 x 5 35	5765				
.188	4.320	7 x 7 49	4234	7 x 7 49	5080	7 x 5 35	8048				
.250	5.407	7 x 7 49	5299	7 x 7 49	6359	7 x 5 35	7570				
2.5X2											
.110	3.100	8 x 8 64	3968	8 x 8 64	4762	7 x 7 49	6076				
.125	3.480	8 x 6 48	3341	6 x 6 48	4009	8 x 3 24	3341				
.134	3.856	8 x 6 48	3702	8 x 6 48	4442	8 x 3 24	3702				
.150	4.231	8 x 6 48	4062	8 x 4 32	3248	8 x 3 24	4062				
.165	4.440	8 x 6 48	4262	8 x 4 32	3410	8 x 3 24	4262				
.188	4.960	8 x 6 48	4762	8 x 4 32	3809	8 x 3 24	4762				
3X1											
.110	2.720	5 x 10 50	2720	5 x 10 50	3264	5 x 10 50	5440				
.125	3.060	5 x 10 50	3060	5 x 10 50	3672	5 x 10 50	6120				
.134	3.401	5 x 10 50	3401	5 x 10 50	4081	5 x 8 40	5442				
.150	3.727	5 x 10 50	3727	5 x 10 50	4472	5 x 8 40	5963				
.165	4.118	5 x 10 50	4118	5 x 10 50	4942	5 x 8 40	6589				
.188	4.320	5 x 10 50	4320	5 x 10 50	5184	5 x 8 40	6912				

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE WALL	Wt/Ft	20 FT W x H Pcs	Bdl WGT	24 FT W x H Pcs	Bdl WGT	40 FT W x H Pcs	Bdl WGT	48 FT W x H Pcs	Bdl WGT	60 FT W x H Pcs	Bdl WGT
3X1.5											
.110	3.100	6 x 10 60	3720	6 x 10 60	4464	6 x 7 42	5208				
.125	3.480	6 x 10 60	4176	6 x 10 60	5011	6 x 7 42	5846				
.134	3.856	6 x 10 60	4627	6 x 10 60	5553	6 x 5 30	4627				
.150	4.231	6 x 7 42	3564	6 x 7 42	4265	6 x 5 30	5077				
.165	4.440	6 x 7 42	3730	6 x 7 42	4476	6 x 5 30	5328				
.188	4.960	6 x 7 42	4166	6 x 7 42	5000	6 x 5 30	5952				
.250	6.258	6 x 7 42	5257	6 x 7 42	6308	6 x 5 30	7510				
3X2											
.110	3.580	7 x 8 56	4010	7 x 8 56	4812	7 x 6 42	6014	7 x 6 42	7217		
.125	3.900	7 x 7 49	3822	7 x 5 35	3276	6 x 4 24	3744	6 x 4 24	4493	6 x 3 18	4212
.134	4.312	7 x 7 49	4226	7 x 5 35	3622	6 x 4 24	4140	6 x 4 24	4967	6 x 3 18	4657
.150	4.734	7 x 5 35	3314	7 x 5 35	3977	6 x 4 24	4545	6 x 4 24	5454	6 x 3 18	5113
.165	5.239	7 x 5 35	3667	7 x 5 35	4401	6 x 4 24	5029	6 x 4 24	6035	6 x 3 18	5658
.188	5.590	7 x 5 35	3913	7 x 5 35	4696	6 x 4 24	5366	6 x 4 24	6440	6 x 3 18	6037
.250	7.110	7 x 5 35	4977	7 x 4 28	4778	6 x 3 18	5119	6 x 3 18	6143	6 x 3 18	7679
3.5X1.5											
.110	3.580	6 x 8 48	3437	6 x 8 48	4124	6 x 7 42	6014	7 x 6 42	7217		
.125	3.900	6 x 7 42	3276	5 x 7 35	3276	6 x 4 24	3744	6 x 4 24	4493		
.134	4.312	6 x 7 42	3622	5 x 7 35	3622	6 x 4 24	4140	6 x 4 24	4967		
.150	4.734	5 x 7 35	3314	5 x 7 35	3977	6 x 4 24	4545	6 x 4 24	5454		
.165	5.239	5 x 7 35	3667	5 x 7 35	4401	6 x 4 24	5029	6 x 4 24	6035		
.188	5.590	5 x 7 35	3913	5 x 7 35	4696	6 x 4 24	5366	6 x 4 24	6440		
3.5X2.5											
.110	4.320	5 x 8 40	3456	5 x 8 40	4147	5 x 5 25	4320	5 x 5 25	5184		
.125	4.750	5 x 7 35	3325	5 x 7 35	3990	5 x 5 25	4750	5 x 5 25	5700		
.134	5.223	5 x 7 35	3886	5 x 7 35	4387	5 x 5 25	5223	5 x 5 25	6268		
.150	5.740	5 x 7 35	4015	5 x 7 35	4822	5 x 4 20	4592	5 x 4 20	5510		
.165	6.130	5 x 7 35	4291	5 x 7 35	5149	5 x 4 20	4904	5 x 4 20	5885		
.188	6.870	5 x 7 35	4809	5 x 7 35	5771	5 x 4 20	5496	5 x 4 20	6595		
.250	8.810	5 x 7 35	6167	5 x 7 35	7400	5 x 4 20	7048	5 x 3 15	6343		
4X2											
.110	4.220	5 x 7 35	2954	5 x 7 35	3545	5 x 6 30	5064	5 x 5 25	5064		
.125	4.750	5 x 7 35	3325	5 x 7 35	3990	5 x 5 25	4750	5 x 5 25	5700	5 x 3 15	4275
.134	5.223	5 x 7 35	3656	5 x 7 35	4387	5 x 5 25	5223	5 x 5 25	6268	5 x 3 15	4701
.150	5.740	5 x 7 35	4018	5 x 7 35	4822	5 x 4 20	4592	5 x 4 20	5510	5 x 3 15	5166
.165	6.130	5 x 7 35	4291	5 x 7 35	5149	5 x 4 20	4904	5 x 4 20	5885	5 x 3 15	5517
.188	6.870	5 x 7 35	4809	5 x 7 35	5771	5 x 4 20	5496	5 x 4 20	6595	5 x 3 15	6183
.250	8.810	5 x 7 35	4405	5 x 5 25	5286	5 x 4 20	7048	5 x 3 15	6343	5 x 3 15	5286
.313	10.58	5 x 5 25	5290	5 x 5 25	6348	5 x 3 15	6348	5 x 2 10	5078	5 x 2 10	6348
.375	12.17	5 x 5 25	6085	5 x 4 20	5842	5 x 3 15	7302	5 x 2 10	5842	5 x 2 10	7302
4X3											
.125	5.610	5 x 6 30	3366	5 x 6 30	4039	5 x 5 25	5610	5 x 4 20	5386	5 x 3 15	5049
.134	6.134	5 x 6 30	3680	5 x 6 30	4416	5 x 5 25	6134	5 x 4 20	5889	5 x 3 15	5521
.150	6.747	5 x 6 30	4048	5 x 6 30	4858	5 x 4 20	5398	5 x 3 15	4858	5 x 3 15	6072
.165	7.250	5 x 6 30	4350	5 x 6 30	5220	5 x 4 20	5800	5 x 3 15	5220	5 x 3 15	6525
.188	8.150	5 x 6 30	4890	5 x 6 30	5868	5 x 4 20	6520	5 x 3 15	5868	5 x 3 15	7335
.250	10.51	5 x 6 30	6306	5 x 5 25	6306	5 x 3 15	6306	5 x 3 15	7567	4 x 2 8	5045
.313	12.75	5 x 5 25	6360	5 x 3 15	4672	5 x 3 15	7632	4 x 3 12	7515	4 x 2 8	6106
.375	14.72	5 x 4 20	5888	5 x 3 15	5299	4 x 3 12	7066	4 x 2 8	5652	4 x 2 8	7066

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE WALL	Wt/Ft	20 FT W x H Pcs	Bdl WGT	24 FT W x H Pcs	Bdl WGT	40 FT W x H Pcs	Bdl WGT	48 FT W x H Pcs	Bdl WGT	60 FT W x H Pcs	Bdl WGT
4.5X3											
125	5.923	4 x 6 24	2843	4 x 6 24	3412	4 x 6 24	5686	4 x 5 20	5686		
134	6.589	4 x 6 24	3163	4 x 6 24	3795	4 x 6 24	6325	4 x 5 20	6325		
150	7.294	4 x 6 24	3501	4 x 6 24	4201	4 x 6 24	7002	4 x 5 20	7002		
165	8.045	4 x 6 24	3862	4 x 6 24	4634	4 x 6 24	7723	4 x 5 20	7723		
188	8.780	4 x 6 24	4214	4 x 6 24	5057	4 x 5 20	7024	4 x 4 16	6743		
250	11.580	4 x 6 24	5558	4 x 5 20	5558	4 x 4 16	7411	4 x 3 12	6670		
5X2											
125	5.610	4 x 8 32	3590	4 x 8 32	4308	4 x 6 24	5386	4 x 6 24	6463	4 x 3 12	4039
134	6.134	4 x 8 32	3926	4 x 8 32	4711	4 x 6 24	5889	4 x 6 24	7066	4 x 3 12	4416
150	6.747	4 x 8 32	4318	4 x 8 32	5182	4 x 5 20	5398	4 x 5 20	6477	4 x 3 12	4858
165	7.250	4 x 8 32	4640	4 x 8 32	5568	4 x 5 20	5800	4 x 5 20	6960	4 x 3 12	5220
188	8.150	4 x 8 32	5216	4 x 8 32	6259	4 x 5 20	6520	4 x 4 16	6259	4 x 3 12	5868
250	10.51	4 x 7 28	5886	4 x 6 24	6054	4 x 4 16	6726	3 x 4 12	6054	3 x 3 9	5675
313	12.70	4 x 6 24	6096	4 x 5 20	6096	3 x 4 12	6096	3 x 4 12	7315	3 x 3 9	6858
375	14.72	4 x 5 20	5888	4 x 4 16	5652	3 x 4 12	7066	3 x 3 9	6359	3 x 2 6	5299
5x2.5											
125	5.923	4 x 7 28	3317	4 x 7 28	3980	4 x 6 24	5686	4 x 5 20	5686		
134	6.589	4 x 7 28	3690	4 x 7 28	4428	4 x 6 24	6325	4 x 5 20	6325		
150	7.294	4 x 7 28	4085	4 x 7 28	4902	4 x 6 24	7002	4 x 5 20	7002		
165	8.045	4 x 7 28	4505	4 x 7 28	5406	4 x 6 24	7723	4 x 4 16	6179		
188	8.780	4 x 7 28	4917	4 x 7 28	5900	4 x 5 20	7024	4 x 4 16	6743		
250	11.580	4 x 7 28	6485	4 x 6 24	6670	4 x 4 16	7411	4 x 3 12	6670		
5X3											
125	6.460	4 x 7 28	3618	4 x 7 28	4341	4 x 6 24	6202	4 x 4 16	4961	4 x 3 12	4651
134	7.045	4 x 7 28	3945	4 x 7 28	4734	4 x 6 24	6763	4 x 4 16	5411	4 x 3 12	5072
150	7.753	4 x 7 28	4342	4 x 7 28	5210	4 x 6 24	4962	4 x 3 12	4466	4 x 3 12	5582
165	8.370	4 x 7 28	4687	4 x 7 28	5625	4 x 4 16	5357	4 x 3 12	4821	4 x 3 12	6026
188	9.420	4 x 7 28	5275	4 x 7 28	6330	4 x 4 16	6029	4 x 3 12	5426	4 x 2 8	4522
250	12.21	4 x 6 24	5861	4 x 5 20	5861	4 x 3 12	5861	4 x 3 12	7033	4 x 2 8	5861
313	14.83	4 x 5 20	5932	4 x 4 16	5695	4 x 3 12	7118	3 x 3 9	6407	3 x 2 6	5339
375	17.27	4 x 5 20	6908	4 x 4 16	6632	3 x 3 9	6217	3 x 3 9	7461	3 x 2 6	6217
500	21.63	4 x 5 20	8652	4 x 4 16	8306	3 x 3 9	7787	3 x 3 9	9344	3 x 2 6	7787
5X4											
125	7.310	4 x 5 20	2924	4 x 5 20	3509	4 x 5 20	5848	4 x 4 16	5614	4 x 4 16	7018
134	7.790	4 x 5 20	3116	4 x 5 20	3738	4 x 4 16	4986	4 x 4 16	5983	4 x 3 12	5609
150	8.690	4 x 5 20	3476	4 x 5 20	4171	4 x 4 16	5562	4 x 4 16	6674	4 x 3 12	6257
165	9.500	4 x 5 20	3800	4 x 5 20	4560	4 x 4 16	6080	4 x 4 16	7296	4 x 3 12	6840
188	10.70	4 x 5 20	4280	4 x 5 20	5136	4 x 4 16	6848	4 x 3 12	6163	4 x 3 12	7704
250	13.91	4 x 5 20	5564	4 x 5 20	6677	3 x 3 9	6677	3 x 3 9	6009	3 x 3 9	7511
313	16.96	4 x 5 20	6784	4 x 4 16	6513	3 x 3 9	6106	3 x 3 9	7327	3 x 2 6	6106
375	19.82	4 x 4 16	6342	4 x 4 16	7611	3 x 3 9	7135	3 x 2 6	5708	3 x 2 6	7135
500	25.03	4 x 4 16	8010	4 x 3 12	7208	3 x 3 9	9011	3 x 2 6	7209	3 x 2 6	9011

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE WALL	Wt/Ft	20 FT W x H Pcs	Bdl WGT	24 FT W x H Pcs	Bdl WGT	40 FT W x H Pcs	Bdl WGT	48 FT W x H Pcs	Bdl WGT	60 FT W x H Pcs	Bdl WGT
6X2											
125	6.460	3 x 10 30	3876	3 x 10 30	4651	3 x 8 24	6202	3 x 7 21	6512	3 x 4 12	4651
134	7.045	3 x 10 30	4227	3 x 10 30	5072	3 x 8 24	6763	3 x 7 21	7101	3 x 4 12	5072
150	7.753	3 x 10 30	4652	3 x 10 30	5582	3 x 8 24	6582	3 x 6 18	6582	3 x 4 12	5582
165	8.370	3 x 10 30	5022	3 x 9 27	5424	3 x 6 18	6026	3 x 5 15	6026	3 x 4 12	6026
188	9.420	3 x 10 30	5652	3 x 9 27	6104	3 x 6 18	6782	3 x 5 15	6782	3 x 3 9	5087
250	12.21	3 x 9 27	6593	3 x 7 21	6152	3 x 5 15	5861	3 x 4 12	7033	3 x 3 9	6593
313	14.83	3 x 6 18	5339	3 x 6 18	6407	3 x 3 9	5339	3 x 3 9	6407	2 x 3 6	5339
375	17.27	3 x 5 15	5181	3 x 5 15	6217	3 x 3 9	6217	3 x 3 9	7461	2 x 3 6	6217
6X3											
125	7.310	3 x 7 21	3070	3 x 7 21	3684	3 x 6 18	5263	3 x 6 18	6316	3 x 3 9	3947
134	7.790	3 x 7 21	3272	3 x 7 21	3926	3 x 6 18	5609	3 x 6 18	6731	3 x 3 9	4207
150	8.690	3 x 7 21	3650	3 x 7 21	4380	3 x 6 18	6257	3 x 6 18	7508	3 x 3 9	4693
165	9.500	3 x 7 21	3990	3 x 7 21	4788	3 x 6 18	6840	3 x 6 18	8208	3 x 3 9	5130
188	10.70	3 x 7 21	4493	3 x 7 21	5393	3 x 5 15	6420	3 x 4 12	6163	3 x 2 6	3852
250	13.91	3 x 7 21	5842	3 x 6 18	6009	3 x 4 12	6677	3 x 3 9	6009	3 x 2 6	5008
313	16.96	3 x 6 18	6106	3 x 5 15	6106	3 x 3 9	6106	3 x 3 9	7327	3 x 2 6	6106
375	19.82	3 x 5 15	5946	3 x 4 12	5708	3 x 3 9	7135	3 x 2 6	5708	3 x 2 6	7135
500	25.03	3 x 5 15	7509	3 x 4 12	7209	3 x 3 9	9011	3 x 2 6	7209	3 x 2 6	9011
6X4											
125	8.160	3 x 5 15	2448	3 x 5 15	2938	3 x 5 15	4896	3 x 5 15	5875	3 x 2 6	2938
134	8.710	3 x 5 15	2613	3 x 5 15	3136	3 x 5 15	5226	3 x 5 15	6271	3 x 2 6	3136
150	9.710	3 x 5 15	2913	3 x 5 15	3496	3 x 5 15	5826	3 x 5 15	6991	3 x 2 6	3496
165	10.61	3 x 5 15	3183	3 x 5 15	3820	3 x 5 15	6366	3 x 5 15	7639	3 x 2 6	3820
188	11.97	3 x 5 15	3591	3 x 5 15	4309	3 x 4 12	5746	3 x 4 12	6895	3 x 2 6	4309
250	15.62	3 x 5 15	4686	3 x 5 15	5623	3 x 3 9	5623	3 x 3 9	6748	3 x 2 6	5623
313	19.08	3 x 5 15	5724	3 x 4 12	5724	3 x 3 9	6869	3 x 3 9	8243	3 x 2 6	6869
375	22.37	3 x 4 12	5369	3 x 4 12	6443	3 x 2 6	5369	3 x 2 6	6443	3 x 2 6	8053
500	28.43	3 x 4 12	6823	3 x 3 9	6141	3 x 2 6	6823	3 x 2 6	8188	2 x 2 4	6823
7X3											
125	8.160	3 x 6 18	2938	3 x 6 18	3525	3 x 6 18	5875	3 x 5 15	5875	3 x 4 12	5875
134	8.710	3 x 6 18	3136	3 x 6 18	3763	3 x 6 18	6271	3 x 5 15	6271	3 x 4 12	6271
150	9.710	3 x 6 18	3496	3 x 6 18	4195	3 x 6 18	6991	3 x 5 15	6991	3 x 4 12	6991
165	10.61	3 x 6 18	3820	3 x 6 18	4584	3 x 5 15	6366	3 x 5 15	7639	3 x 3 9	5729
188	11.97	3 x 6 18	4309	3 x 6 18	5171	3 x 4 12	5746	3 x 4 12	6895	3 x 3 9	6464
250	15.62	3 x 6 18	5623	3 x 6 18	6748	3 x 3 9	5623	3 x 3 9	6748	3 x 2 6	5623
313	19.08	3 x 5 15	5724	3 x 5 15	6869	3 x 3 9	6869	3 x 2 6	5495	3 x 2 6	6869
375	22.37	3 x 5 15	6711	3 x 4 12	6443	3 x 2 6	5369	3 x 2 6	6443	3 x 2 6	8053
500	28.43	3 x 4 12	6823	3 x 3 9	6141	3 x 2 6	6823	3 x 2 6	8188	3 x 1 3	5117
7X4											
125	9.010	3 x 5 15	2703	3 x 5 15	3244	3 x 5 15	5406	3 x 4 12	5190	3 x 4 12	6487
134	9.620	3 x 5 15	2886	3 x 5 15	3463	3 x 5 15	5772	3 x 4 12	5541	3 x 4 12	6926
150	10.72	3 x 5 15	3216	3 x 5 15	3859	3 x 4 12	5146	3 x 4 12	6175	3 x 3 9	5789
165	11.74	3 x 5 15	3522	3 x 5 15	4226	3 x 4 12	5635	3 x 4 12	6762	3 x 3 9	6340
188	13.30	3 x 5 15	3990	3 x 5 15	4788	3 x 4 12	6384	3 x 3 9	5746	3 x 3 9	7182
250	17.32	3 x 5 15	5196	3 x 5 15	6235	3 x 3 9	6235	3 x 3 9	7482	3 x 2 6	6235
313	21.22	3 x 4 12	5093	3 x 4 12	6111	3 x 3 9	7639	3 x 2 6	6111	3 x 2 6	7639
375	24.93	3 x 4 12	5983	3 x 3 9	5386	3 x 2 6	6083	3 x 2 6	7180	3 x 2 6	8076
500	31.84	3 x 3 9	5731	3 x 3 9	6877	3 x 2 6	7642	2 x 2 4	6113	2 x 2 4	7642

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE / WALL	Wt/Ft	20 FT W x H Pcs Bdl WGT	24 FT W x H Pcs Bdl WGT	40 FT W x H Pcs Bdl WGT	48 FT W x H Pcs Bdl WGT	60 FT W x H Pcs Bdl WGT
7X5						
.125	9.860	3 x 4 12 2366	3 x 4 12 2840	3 x 4 12 4733	3 x 4 12 5679	3 x 2 6 3550
.134	10.53	3 x 4 12 2527	3 x 4 12 3033	3 x 4 12 5054	3 x 4 12 6065	3 x 2 6 3791
.150	11.74	3 x 4 12 2818	3 x 4 12 3381	3 x 4 12 5635	3 x 4 12 6782	3 x 2 6 4226
.165	12.87	3 x 4 12 3089	3 x 4 12 3707	3 x 4 12 6178	3 x 4 12 7413	3 x 2 6 4633
.188	14.53	3 x 4 12 3487	3 x 4 12 4185	3 x 4 12 6974	3 x 3 9 6277	3 x 2 6 5231
.250	19.02	3 x 4 12 4565	3 x 4 12 5478	3 x 3 9 6847	3 x 2 6 5478	3 x 2 6 6847
.313	23.34	3 x 4 12 5602	3 x 4 12 6722	3 x 2 6 5602	3 x 2 6 6722	3 x 1 3 4201
.375	27.48	3 x 4 12 6595	3 x 3 9 5936	3 x 2 6 6595	3 x 1 3 3957	3 x 1 3 4946
.500	35.24	3 x 3 9 6343	3 x 3 9 7612	3 x 1 3 4229	3 x 1 3 5075	3 x 1 3 6343
8X2						
.125	8.180	2 x 10 20 3264	2 x 10 20 3917	2 x 10 20 6528	2 x 8 16 6267	2 x 4 8 3917
.134	8.710	2 x 10 20 3484	2 x 10 20 4181	2 x 10 20 6968	2 x 8 16 6689	2 x 4 8 4181
.150	9.710	2 x 10 20 3884	2 x 10 20 4661	2 x 10 20 7768	2 x 8 16 7457	2 x 4 8 4661
.165	10.61	2 x 10 20 4244	2 x 10 20 5093	2 x 10 20 8488	2 x 8 16 8148	2 x 4 8 5093
.188	11.97	2 x 10 20 4788	2 x 10 20 5746	2 x 7 14 6703	2 x 4 8 4596	2 x 3 6 4309
.250	15.62	2 x 10 20 6248	2 x 8 16 5998	2 x 4 8 5998	2 x 4 8 5998	2 x 3 6 5623
.313	19.08	2 x 8 16 6106	2 x 7 14 6411	2 x 4 8 6106	2 x 3 6 5495	2 x 3 6 6869
.375	22.37	2 x 7 14 6264	2 x 6 12 6443	2 x 3 6 5369	2 x 3 6 6443	2 x 3 6 8053
8X3						
.125	9.010	2 x 5 10 1802	2 x 5 10 2162	2 x 5 10 3604	2 x 5 10 4325	2 x 3 6 3244
.134	9.620	2 x 5 10 1924	2 x 5 10 2309	2 x 5 10 3848	2 x 5 10 4618	2 x 3 6 3463
.150	10.72	2 x 5 10 2144	2 x 5 10 2573	2 x 5 10 4288	2 x 5 10 5146	2 x 3 6 3859
.165	11.74	2 x 5 10 2348	2 x 5 10 2818	2 x 5 10 4696	2 x 5 10 5635	2 x 3 6 4226
.188	13.30	2 x 5 10 2660	2 x 5 10 3192	2 x 5 10 5320	2 x 5 10 6384	2 x 3 6 4788
.250	17.32	2 x 5 10 3464	2 x 5 10 4157	2 x 4 8 5542	2 x 4 8 6651	2 x 2 4 4157
.313	21.22	2 x 5 10 4244	2 x 5 10 5093	2 x 4 8 6790	2 x 3 6 6111	2 x 2 4 5093
.375	24.93	2 x 4 8 3989	2 x 4 8 4787	2 x 3 6 5983	2 x 2 4 4787	2 x 2 4 5983
.500	31.84	2 x 4 8 5094	2 x 4 8 6113	2 x 3 6 7642	2 x 2 4 6113	2 x 2 4 7642
8X4						
.125	9.860	2 x 5 10 1972	2 x 5 10 2366	2 x 5 10 3944	2 x 5 10 4733	2 x 3 6 3550
.134	10.53	2 x 5 10 2105	2 x 5 10 2527	2 x 5 10 4212	2 x 5 10 5054	2 x 3 6 3791
.150	11.74	2 x 5 10 2348	2 x 5 10 2818	2 x 5 10 4696	2 x 5 10 5635	2 x 3 6 4226
.165	12.87	2 x 5 10 2574	2 x 5 10 3089	2 x 5 10 5148	2 x 5 10 6178	2 x 3 6 4633
.188	14.53	2 x 5 10 2906	2 x 5 10 3487	2 x 5 10 5812	2 x 5 10 6974	2 x 2 4 3487
.250	19.02	2 x 5 10 3804	2 x 5 10 4565	2 x 4 8 6086	2 x 3 6 5478	2 x 2 4 4565
.313	23.34	2 x 5 10 4668	2 x 5 10 5602	2 x 3 6 5602	2 x 3 6 6722	2 x 2 4 5602
.375	27.48	2 x 5 10 5495	2 x 4 8 5276	2 x 3 6 6595	2 x 2 4 5276	2 x 2 4 6595
.500	35.24	2 x 5 10 7048	2 x 3 6 5075	2 x 2 4 5638	2 x 2 4 6766	2 x 2 4 8458
8X6						
.188	17.08	2 x 3 6 2050	2 x 3 6 2460	2 x 3 6 4099	2 x 3 6 4919	2 x 2 4 4099
.250	22.42	2 x 3 6 2690	2 x 3 6 3228	2 x 3 6 5381	2 x 3 6 6457	2 x 2 4 5381
.313	27.59	2 x 3 6 3311	2 x 3 6 3973	2 x 3 6 6622	2 x 2 4 5297	2 x 2 4 6622
.375	32.58	2 x 3 6 3910	2 x 3 6 4692	2 x 3 6 7819	2 x 2 4 6255	2 x 2 4 7819
.500	42.05	2 x 3 6 5046	2 x 3 6 6055	2 x 2 4 6728	2 x 2 4 8074	2 x 1 2 5046
.625	50.81	2 x 3 6 6097	2 x 3 6 7317	2 x 1 2 4065	2 x 1 2 4878	2 x 1 2 6097

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE / WALL	Wt/Ft	20 FT W x H Pcs Bdl WGT	24 FT W x H Pcs Bdl WGT	40 FT W x H Pcs Bdl WGT	48 FT W x H Pcs Bdl WGT	60 FT W x H Pcs Bdl WGT
10X2						
.125	9.86	2 x 10 20 3944	2 x 10 20 4733	2 x 8 16 6310	2 x 7 14 6626	2 x 5 10 5916
.134	10.53	2 x 10 20 4212	2 x 10 20 5054	2 x 7 14 5897	2 x 6 12 6065	2 x 4 8 5054
.150	11.74	2 x 10 20 4696	2 x 10 20 5635	2 x 7 14 6574	2 x 6 12 6762	2 x 4 8 5635
.165	12.85	2 x 10 20 5140	2 x 10 20 6168	2 x 7 14 7196	2 x 5 10 6168	2 x 4 8 6168
.188	14.53	2 x 10 20 5812	2 x 9 18 6277	2 x 6 12 6974	2 x 5 10 6974	2 x 3 6 5231
.250	19.02	2 x 8 16 6086	2 x 7 14 6391	2 x 4 8 6086	2 x 3 6 5478	2 x 2 4 4565
.313	23.34	2 x 7 14 6535	2 x 6 12 6722	2 x 3 6 5602	2 x 3 6 6722	2 x 2 4 5602
.375	27.48	2 x 6 12 6595	2 x 5 10 6595	2 x 3 6 6595	2 x 2 4 5276	2 x 2 4 6595
10X3						
.125	10.71	2 x 6 12 2570	2 x 6 12 3084	2 x 6 12 5141	2 x 6 12 6169	2 x 4 8 5141
.134	11.44	2 x 6 12 2746	2 x 6 12 3295	2 x 6 12 5491	2 x 5 10 5491	2 x 4 8 5491
.150	12.76	2 x 6 12 3062	2 x 6 12 3675	2 x 6 12 6125	2 x 5 10 6125	2 x 4 8 6125
.165	13.99	2 x 6 12 3358	2 x 6 12 4029	2 x 6 12 6715	2 x 5 10 6715	2 x 4 8 6715
.188	15.80	2 x 6 12 3792	2 x 5 10 4550	2 x 5 10 6320	2 x 4 8 6067	2 x 4 8 7584
.250	20.72	2 x 6 12 4973	2 x 6 12 5967	2 x 4 8 6630	2 x 4 8 7956	2 x 3 6 7459
.313	25.46	2 x 6 12 6110	2 x 5 10 6110	2 x 3 6 6110	2 x 3 6 7332	2 x 2 4 6110
.375	30.03	2 x 6 12 7207	2 x 5 10 7207	2 x 3 6 7207	2 x 3 6 8649	2 x 2 4 7207
10X3.5						
.125	11.13	2 x 6 12 2671	2 x 6 12 3205	2 x 6 12 5342	2 x 6 12 6411	2 x 4 8 5342
.134	12.00	2 x 6 12 2880	2 x 6 12 3456	2 x 6 12 5760	2 x 5 10 5760	2 x 4 8 5760
.150	13.27	2 x 6 12 3185	2 x 6 12 3822	2 x 5 10 6370	2 x 5 10 6370	2 x 4 8 6370
.165	14.55	2 x 6 12 3492	2 x 6 12 4190	2 x 6 12 6984	2 x 4 8 5587	2 x 4 8 6984
.188	16.44	2 x 6 12 3946	2 x 6 12 4735	2 x 6 12 7891	2 x 3 6 4735	2 x 4 8 7891
.250	21.57	2 x 6 12 5177	2 x 6 12 6212	2 x 4 8 6902	2 x 3 6 6212	2 x 3 6 7765
.313	26.53	2 x 6 12 6367	2 x 5 10 6367	2 x 3 6 6367	2 x 2 4 5094	2 x 2 4 6367
.375	31.31	2 x 5 10 6262	2 x 5 10 7514	2 x 3 6 7514	2 x 2 4 6012	2 x 2 4 7514
10X4						
.188	17.08	2 x 5 10 3416	2 x 5 10 4099	2 x 4 8 5466	2 x 4 8 6559	2 x 2 4 4099
.250	22.42	2 x 5 10 4484	2 x 5 10 5381	2 x 4 8 7174	2 x 3 6 6457	2 x 2 4 5381
.313	27.59	2 x 5 10 5518	2 x 5 10 6622	2 x 3 6 6622	2 x 2 4 5297	2 x 2 4 6622
.375	32.58	2 x 5 10 6516	2 x 4 8 6255	2 x 2 4 5213	2 x 2 4 6255	2 x 2 4 7819
.500	42.05	2 x 4 8 6728	2 x 3 6 6055	2 x 2 4 6728	2 x 2 4 8074	1 x 2 2 5046
10X6						
.188	19.630	2 x 4 8 3141	2 x 4 8 3769	2 x 4 8 6282	2 x 3 6 5653	2 x 2 4 4711
.250	25.820	2 x 4 8 4131	2 x 4 8 4957	2 x 3 6 6197	2 x 3 6 7436	2 x 2 4 6197
.313	31.840	2 x 4 8 5094	2 x 4 8 6113	2 x 3 6 7642	2 x 2 4 6113	2 x 2 4 7642
.375	37.690	2 x 4 8 6030	2 x 3 6 5427	2 x 2 4 6030	2 x 2 4 7236	2 x 2 4 9046
.500	48.850	2 x 3 6 5862	2 x 3 6 7034	2 x 2 4 7816	2 x 2 4 9379	2 x 1 2 5862
.625	59.320	2 x 3 6 7118	2 x 2 4 5695	2 x 2 4 9491	2 x 1 2 5695	2 x 1 2 7118
10X8						
.188	22.180	2 x 3 6 2662	2 x 3 6 3194	2 x 3 6 5323	2 x 3 6 6388	2 x 2 4 5323
.250	29.230	2 x 3 6 3508	2 x 3 6 4209	2 x 3 6 7015	2 x 2 4 5612	2 x 2 4 7015
.313	36.100	2 x 3 6 4332	2 x 3 6 5198	2 x 2 4 5776	2 x 2 4 6931	2 x 2 4 8664
.375	42.790	2 x 3 6 5135	2 x 3 6 6162	2 x 2 4 6846	2 x 2 4 8216	2 x 1 2 5135
.500	55.660	2 x 2 4 4453	2 x 2 4 5343	2 x 2 4 8906	2 x 1 2 5343	2 x 1 2 6679
.625	67.820	2 x 2 4 5426	2 x 2 4 6511	2 x 1 2 5426	2 x 1 2 8511	2 x 1 2 8138

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE / WALL	Wt/Ft	20 FT W x H Pcs Bdl WGT	24 FT W x H Pcs Bdl WGT	40 FT W x H Pcs Bdl WGT	48 FT W x H Pcs Bdl WGT	60 FT W x H Pcs Bdl WGT
12X4						
.188	19.630	2 x 6 12 4711	2 x 6 12 5653	2 x 5 10 7852	2 x 4 8 7538	2 x 3 6 7067
.250	25.820	2 x 6 12 6197	2 x 6 12 7436	2 x 4 8 8262	2 x 3 6 7436	2 x 3 6 9295
.313	31.840	2 x 5 10 6368	2 x 5 10 7642	2 x 4 8 7642	2 x 4 8 9170	2 x 2 4 7642
.375	37.690	2 x 5 10 7538	2 x 4 8 7236	2 x 3 6 9046	2 x 2 4 7236	2 x 2 4 9046
.500	48.850	2 x 4 8 7816	2 x 4 8 9379	2 x 2 4 7816	2 x 2 4 9379	1 x 2 2 5862
12X6						
.188	22.180	2 x 4 8 3549	2 x 4 8 4259	2 x 4 8 7098	2 x 4 8 8517	2 x 3 6 7985
.250	29.230	2 x 4 8 4677	2 x 4 8 5612	2 x 4 8 9354	2 x 3 6 8418	2 x 2 4 7015
.313	36.100	2 x 4 8 5776	2 x 4 8 6931	2 x 3 6 8664	2 x 2 4 6931	2 x 2 4 8664
.375	42.790	2 x 4 8 6846	2 x 4 8 8216	2 x 3 6 6846	2 x 2 4 8216	2 x 1 2 5135
.500	55.660	2 x 4 8 8906	2 x 3 6 8015	2 x 2 4 8906	2 x 1 2 5343	2 x 1 2 6679
.625	67.820	2 x 3 6 8138	2 x 3 6 9766	2 x 1 2 5426	2 x 1 2 6511	2 x 1 2 8138
12X8						
.188	24.730	2 x 3 6 2968	2 x 3 6 3561	2 x 3 6 5935	2 x 3 6 7122	2 x 2 4 5935
.250	32.630	2 x 3 6 3916	2 x 3 6 4699	2 x 2 4 5221	2 x 2 4 6265	2 x 2 4 7831
.313	40.350	2 x 3 6 4842	2 x 3 6 5810	2 x 2 4 6456	2 x 2 4 7747	2 x 1 2 4842
.375	47.900	2 x 3 6 5748	2 x 3 6 6898	2 x 2 4 7664	2 x 1 2 4598	2 x 1 2 5748
.500	62.460	2 x 2 4 4997	2 x 2 4 5996	2 x 1 2 4997	2 x 1 2 5996	2 x 1 2 7495
.625	76.330	2 x 2 4 6106	2 x 2 4 7328	2 x 1 2 6106	2 x 1 2 7328	2 x 1 2 9160
12x10						
.250	36.030	2 x 2 4 2882	2 x 2 4 3459	2 x 2 4 5765	2 x 2 4 6918	2 x 2 4 8647
.313	44.670	2 x 2 4 3574	2 x 2 4 4288	2 x 2 4 7147	2 x 2 4 8577	2 x 1 2 5360
.375	53.000	2 x 2 4 4240	2 x 2 4 5088	2 x 1 2 4240	2 x 1 2 5088	2 x 1 2 6360
.500	69.270	2 x 2 4 5542	2 x 2 4 6650	2 x 1 2 5542	2 x 1 2 6650	1 x 1 1 4156
.625	84.840	2 x 2 4 6787	2 x 2 4 8145	2 x 1 2 6787	2 x 1 2 8145	1 x 1 1 5090
14X4						
.188	22.180	1 x 5 5 2218	1 x 5 5 2662	1 x 5 5 4436	1 x 5 5 5323	1 x 4 4 5323
.250	29.230	1 x 5 5 2923	1 x 5 5 3508	1 x 5 5 5846	1 x 5 5 7015	1 x 4 4 7015
.313	36.100	1 x 5 5 3610	1 x 5 5 4332	1 x 5 5 7220	1 x 4 4 6931	1 x 4 4 8664
.375	42.790	1 x 5 5 4279	1 x 5 5 5135	1 x 5 5 8558	1 x 4 4 8216	1 x 3 3 7702
.500	55.660	1 x 5 5 5566	1 x 5 5 6679	1 x 4 4 8906	1 x 3 3 8015	1 x 2 2 6679
14X6						
.188	24.730	1 x 3 3 1484	1 x 3 3 1781	1 x 3 3 2968	1 x 3 3 3561	1 x 3 3 4451
.250	32.630	1 x 3 3 1958	1 x 3 3 2349	1 x 3 3 3916	1 x 3 3 4699	1 x 3 3 5873
.313	40.350	1 x 3 3 2421	1 x 3 3 2905	1 x 3 3 4842	1 x 3 3 5810	1 x 3 3 7263
.375	47.900	1 x 3 3 2874	1 x 3 3 3449	1 x 3 3 5748	1 x 3 3 6898	1 x 3 3 8622
.500	62.460	1 x 3 3 3748	1 x 3 3 4497	1 x 3 3 7495	1 x 3 3 8994	1 x 2 2 7495
.625	76.330	1 x 3 3 4580	1 x 3 3 5496	1 x 2 2 6106	1 x 2 2 7328	1 x 2 2 9160
14X10						
.250	39.430	1 x 2 2 1577	1 x 2 2 1893	1 x 2 2 3154	1 x 2 2 3785	1 x 2 2 4732
.313	48.860	1 x 2 2 1954	1 x 2 2 2345	1 x 2 2 3909	1 x 2 2 4691	1 x 2 2 5863
.375	58.100	1 x 2 2 2324	1 x 2 2 2789	1 x 2 2 4648	1 x 2 2 5578	1 x 2 2 6972
.500	76.070	1 x 2 2 3043	1 x 2 2 3651	1 x 2 2 6086	1 x 2 2 7303	1 x 2 2 9128
.625	93.340	1 x 2 2 3734	1 x 2 2 4480	1 x 2 2 7467	1 x 2 2 8961	1 x 1 1 5600

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA International Corp.

Rectangular HSS - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 2" x 1" - 20" x 12"

RECTANGLES

SIZE / WALL	Wt/Ft	20 FT W x H Pcs Bdl WGT	24 FT W x H Pcs Bdl WGT	40 FT W x H Pcs Bdl WGT	48 FT W x H Pcs Bdl WGT	60 FT W x H Pcs Bdl WGT
16X4						
.188	24.730	1 x 5 5 2473	1 x 5 5 2968	1 x 5 5 4946	1 x 5 5 5935	1 x 4 4 5935
.250	32.630	1 x 5 5 3263	1 x 5 5 3916	1 x 5 5 6526	1 x 5 5 7831	1 x 4 4 7831
.313	40.350	1 x 5 5 4035	1 x 5 5 4842	1 x 5 5 8070	1 x 4 4 7747	1 x 3 3 7263
.375	47.900	1 x 5 5 4790	1 x 5 5 5748	1 x 4 4 7664	1 x 4 4 9197	1 x 3 3 8622
.500	62.460	1 x 5 5 6246	1 x 5 5 7495	1 x 3 3 7495	1 x 3 3 8994	1 x 2 2 7495
16X8						
.250	39.430	1 x 3 3 2366	1 x 3 3 2839	1 x 3 3 4732	1 x 3 3 5678	1 x 2 2 4732
.313	48.860	1 x 3 3 2932	1 x 3 3 3518	1 x 3 3 5863	1 x 3 3 7036	1 x 2 2 5863
.375	58.100	1 x 3 3 3486	1 x 3 3 4183	1 x 3 3 6972	1 x 3 3 8366	1 x 2 2 6972
.500	76.070	1 x 3 3 4564	1 x 3 3 5477	1 x 3 3 9128	1 x 2 2 7303	1 x 2 2 9128
.625	93.360	1 x 3 3 5602	1 x 3 3 6722	1 x 2 2 7469	1 x 2 2 8963	1 x 1 1 5602
16X12						
.313	57.360	1 x 2 2 2294	1 x 2 2 2753	1 x 2 2 4589	1 x 2 2 5507	1 x 2 2 6883
.375	68.310	1 x 2 2 2732	1 x 2 2 3279	1 x 2 2 5465	1 x 2 2 6558	1 x 2 2 8197
.500	89.680	1 x 2 2 3587	1 x 2 2 4305	1 x 2 2 7174	1 x 2 2 8609	1 x 2 2 10762
.625	110.36	1 x 2 2 4414	1 x 2 2 5297	1 x 2 2 8829	1 x 2 2 10595	1 x 2 2 13243
18X6						
.250	39.430	1 x 4 4 3154	1 x 4 4 3785	1 x 4 4 6309	1 x 4 4 7571	1 x 3 3 7097
.313	48.860	1 x 4 4 3909	1 x 4 4 4691	1 x 4 4 7818	1 x 4 4 9381	1 x 3 3 8795
.375	58.100	1 x 4 4 4648	1 x 4 4 5578	1 x 4 4 9296	1 x 3 3 8366	1 x 2 2 6972
.500	76.070	1 x 4 4 6086	1 x 4 4 7303	1 x 3 3 9128	1 x 2 2 7303	1 x 2 2 9128
.625	93.340	1 x 4 4 7467	1 x 3 3 6720	1 x 2 2 7467	1 x 2 2 8961	1 x 1 1 5600
20x4						
.250	39.430	1 x 5 5 3943	1 x 5 5 4732	1 x 5 5 7886	1 x 4 4 7571	1 x 4 4 9463
.313	48.860	1 x 5 5 4886	1 x 5 5 5863	1 x 5 5 9772	1 x 4 4 9381	1 x 4 4 11726
.375	58.100	1 x 4 4 4648	1 x 4 4 5578	1 x 4 4 9296	1 x 3 3 8366	1 x 2 2 6972
.500	76.070	1 x 3 3 4564	1 x 3 3 5477	1 x 3 3 9128	1 x 2 2 7303	1 x 2 2 9128
20x8						
.313	57.360	1 x 2 2 2294	1 x 2 2 2753	1 x 2 2 4589	1 x 2 2 5507	1 x 2 2 6883
.375	68.310	1 x 2 2 2732	1 x 2 2 3279	1 x 2 2 5465	1 x 2 2 6558	1 x 2 2 8197
.500	89.680	1 x 2 2 3587	1 x 2 2 4305	1 x 2 2 7174	1 x 2 2 8609	1 x 2 2 10762
.625	110.36	1 x 2 2 4414	1 x 2 2 5297	1 x 2 2 8829	1 x 2 2 10595	1 x 2 2 13243
20x12						
.313	65.870	1 x 2 2 2635	1 x 2 2 3162	1 x 2 2 5270	1 x 2 2 6324	1 x 2 2 7904
.375	78.520	1 x 2 2 3141	1 x 2 2 3769	1 x 2 2 6282	1 x 2 2 7538	1 x 2 2 9422
.500	103.30	1 x 2 2 4132	1 x 2 2 4958	1 x 2 2 8264	1 x 2 2 9917	1 x 2 2 12396
.625	127.37	1 x 2 2 5095	1 x 2 2 6114	1 x 2 2 10190	1 x 2 2 12228	1 x 2 2 15284

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

HSS Carbon Steel Tubes – Square Tubes per A500 Grades A, B & C

ALYTA
International Corp.

Square HSS Tubes - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 1" x 1" - 16" x 16"

SQUARES

SIZE	WALL	Wt/Ft	20 FT W x H	Pcs	Bdl WGT	24 FT W x H	Pcs	Bdl WGT	40 FT W x H	Pcs	Bdl WGT	48 FT W x H	Pcs	Bdl WGT	60 FT W x H	Pcs	Bdl WGT
1x1																	
16ga	.065	0.827	10 x 10	100	1654	10 x 10	100	1985									
14ga	.083	1.035	10 x 10	100	2070	10 x 10	100	2484									
11ga	.120	1.437	10 x 10	100	2874	10 x 10	100	3449									
1.25x1.25																	
16ga	.065	1.048	10 x 10	100	2096	10 x 10	100	2516									
14ga	.083	1.317	10 x 10	100	2634	10 x 10	100	3161									
11ga	.120	1.846	10 x 10	100	3692	10 x 10	100	4430									
1.5x1.5																	
16ga	.065	1.270	8 x 8	64	1626	8 x 8	64	1951									
14ga	.083	1.600	8 x 8	64	2048	8 x 8	64	2458									
	.110	1.980	8 x 8	64	2534	8 x 8	64	3041	8 x 6	48	3802						
11ga	.120	2.252	8 x 8	64	2883	8 x 8	64	3459									
	.125	2.200	8 x 8	64	2816	8 x 8	64	3379	8 x 6	48	4224						
	.134	2.489	8 x 8	64	3186	8 x 8	64	3823	8 x 6	48	4779						
	.150	2.721	8 x 8	64	3483	8 x 8	64	4179	8 x 6	48	5224						
	.165	2.760	8 x 8	64	3533	8 x 8	64	4239	8 x 6	48	5299						
	.188	3.040	8 x 8	64	3891	8 x 8	64	4669	8 x 6	48	5837						
	.250	4.250	8 x 8	64	5440	8 x 8	64	6528	8 x 6	48	8160						
1.75x1.75																	
16ga	.065	1.491	7 x 7	49	1461	7 x 7	49	1753									
14ga	.083	1.882	7 x 7	49	1844	7 x 7	49	2213									
11ga	.120	2.662	7 x 7	49	2609	7 x 7	49	3131									
2X2																	
16ga	.065	1.712	10 x 5	50	1712	10 x 5	50	2054									
14ga	.083	2.164	10 x 5	50	2164	10 x 5	50	2597									
	.110	2.720	10 x 5	50	2720	10 x 5	50	3264	10 x 3	30	3264	10 x 3	30	3917			
11ga	.120	3.068	10 x 5	50	3068	10 x 5	50	3682									
	.125	3.060	10 x 5	50	3060	10 x 5	50	3672	10 x 3	30	3672	10 x 3	30	4408	10 x 3	30	5508
	.134	3.401	10 x 5	50	3401	10 x 5	50	4081	10 x 3	30	4081	10 x 3	30	4897	10 x 3	30	6122
	.150	3.727	10 x 5	50	3727	10 x 5	50	4472	10 x 3	30	4472	10 x 3	30	5367	10 x 3	30	6709
	.165	4.118	10 x 5	50	4118	10 x 5	50	4942	10 x 3	30	4942	10 x 3	30	5930	8 x 3	24	5930
	.188	4.320	10 x 5	50	4320	10 x 5	50	5184	10 x 3	30	5184	10 x 3	30	6221	8 x 3	24	6221
	.250	5.410	10 x 5	50	5410	10 x 5	50	6492	10 x 3	30	6492	10 x 3	30	7790	8 x 3	24	7790
2.0625x2.0625																	
	.134	3.510	8 x 8	64	4493	8 x 8	64	5391	8 x 8	64	8986						
	.188	4.610	7 x 7	49	4518	7 x 7	49	5421	7 x 7	49	9036						
2.125X2.125																	
	.110	2.988	8 x 8	64	3825	8 x 8	64	4590	8 x 8	64	7649						
	.125	3.272	8 x 8	64	4188	8 x 8	64	5026	8 x 8	64	8376						
	.134	3.628	8 x 8	64	4644	8 x 8	64	5573	8 x 8	64	9288						
	.150	3.979	7 x 7	49	3899	7 x 7	49	4679	7 x 7	49	7799						
	.165	4.398	7 x 7	49	4310	7 x 7	49	5172	7 x 7	49	8620						
	.188	4.761	7 x 7	49	4666	7 x 7	49	5599	7 x 7	49	9332						
2.5X2.5																	
	.110	3.580	8 x 8	64	4582	8 x 8	64	5499	7 x 7	49	7017	7 x 6	42	7217			
	.125	3.900	8 x 6	48	3744	8 x 6	48	4493	8 x 3	24	3744	8 x 3	24	4493	6 x 3	18	4212
	.134	4.312	8 x 6	48	4140	8 x 6	48	4967	8 x 3	24	4140	8 x 3	24	4967	6 x 3	18	4657
	.150	4.734	8 x 6	48	4545	8 x 4	32	3636	8 x 3	24	4545	8 x 3	24	5454	6 x 3	18	5113
	.165	5.239	8 x 6	48	5029	8 x 4	32	4024	8 x 3	24	5029	8 x 3	24	6035	6 x 3	18	5658
	.188	5.590	8 x 6	48	5366	8 x 4	32	4293	8 x 3	24	5366	8 x 3	24	6440	6 x 3	18	6037
	.250	7.110	8 x 4	32	4550	8 x 4	32	5460	7 x 3	21	5972	7 x 3	21	7167	6 x 2	12	5119

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

ALYTA
International Corp.

Square HSS Tubes - (Hollow Structural Sections)
Per ASTM A500 B/C
Std Spec. for Cold Formed Welded or SMLS Structural Tubing in Shapes
Standard length sizes : 20', 24', 40', 48', 60'
Standard sizes : from 1" x 1" - 16" x 16"

SQUARES

SIZE	WALL	Wt/Ft	20 FT W x H	Pcs	Bdl WGT	24 FT W x H	Pcs	Bdl WGT	40 FT W x H	Pcs	Bdl WGT	48 FT W x H	Pcs	Bdl WGT	60 FT W x H	Pcs	Bdl WGT
3X3																	
	.110	4.220	7 x 7	49	4136	7 x 7	49	4963	6 x 5	30	5064	6 x 5	30	6077	7 x 3	21	5317
	.125	4.750	7 x 7	49	4655	7 x 7	49	5586	6 x 5	30	5700	6 x 5	30	6840	7 x 3	21	5985
	.134	5.223	7 x 7	49	5119	7 x 7	49	6142	6 x 5	30	6268	6 x 5	30	7521	7 x 3	21	6581
	.150	5.740	7 x 6	42	4822	7 x 7	49	6750	6 x 4	24	5510	6 x 3	18	4959	7 x 3	21	7232
	.165	6.130	7 x 6	42	5149	6 x 7	42	6179	6 x 4	24	5885	6 x 3	18	5296	6 x 3	18	6620
	.188	6.870	7 x 6	42	5771	6 x 7	42	6925	6 x 4	24	6595	6 x 3	18	5936	6 x 2	12	4946
	.250	8.810	7 x 5	35	6167	6 x 5	30	6343	6 x 3	18	6343	6 x 2	12	5075	6 x 2	12	6343
	.313	10.59	6 x 5	30	6354	6 x 4	24	6100	6 x 3	18	7625	6 x 2	12	6100	4 x 2	8	5083
	.375	12.17	6 x 4	24	5842	6 x 4	24	7010	6 x 2	12	5842	6 x 2	12	7010	4 x 2	8	5842
3.5X3.5																	
	.125	5.610	6 x 6	36	4039	6 x 6	36	4847	5 x 5	25	5610	5 x 4	20	5386	6 x 2	12	4039
	.134	6.134	6 x 6	36	4416	6 x 6	36	5300	5 x 5	25	6134	5 x 4	20	5889	6 x 2	12	4416
	.150	6.747	6 x 6	36	4858	6 x 5	30	4858	5 x 4	20	5398	5 x 3	15	4858	6 x 2	12	4858
	.165	7.250	6 x 6	36	5220	6 x 5	30	5220	5 x 4	20	5800	5 x 3	15	5220	6 x 2	12	5220
	.188	8.150	6 x 6	36	5868	6 x 5	30	5868	5 x 4	20	6520	5 x 3	15	5868	6 x 2	12	5868
	.250	10.51	6 x 5	30	6306	6 x 4	24	6054	5 x 3	15	6306	5 x 2	10	5045	6 x 2	12	7567
	.313	12.70	6 x 4	24	6096	6 x 3	18	5486	5 x 2	10	5080	5 x 2	10	6096	5 x 2	10	7620
	.375	14.72	6 x 4	24	7066	6 x 3	18	6359	5 x 2	10	5888	5 x 2	10	7066	5 x 2	10	8832
4X4																	
	.125	6.460	5 x 5	25	3230	5 x 5	25	3876	5 x 5	25	6460	5 x 4	20	6202	5 x 2	10	3876
	.134	7.045	5 x 5	25	3523	5 x 5	25	4227	5 x 5	25	7045	5 x 4	20	6763	5 x 2	10	4227
	.150	7.753	5 x 4	20	3101	5 x 4	20	3721	5 x 4	20	6202	5 x 3	15	5582	5 x 2	10	4652
	.165	8.370	5 x 4	20	3348	5 x 4	20	4018	5 x 4	20	6696	5 x 3	15	6026	5 x 2	10	5022
	.188	9.420	5 x 4	20	3768	5 x 4	20	4522	5 x 4	20	7536	5 x 3	15	6782	5 x 2	10	5652
	.250	12.21	5 x 4	20	4884	5 x 4	20	5861	5 x 3	15	7326	5 x 2	10	5861	5 x 2	10	7326
	.313	14.83	5 x 4	20	5932	5 x 3	15	5339	5 x 2	10	5932	5 x 2	10	7118	3 x 2	6	5339
	.375	17.27	5 x 4	20	6908	5 x 3	15	6217	5 x 2	10	6908	4 x 2	8	6632	3 x 2	6	6217
	.500	21.63	5 x 3	15	6489	5 x 3	15	7787	4 x 2	8	6922	3 x 2	6	8229	3 x 2	6	7787
4.5X4.5																	
	.125	7.310	4 x 4	16	2339	4 x 4	16	2807	4 x 4	16	4678	4 x 4	16	5614	4 x 4	16	7018
	.134	7.790	4 x 4	16	2493	4 x 4	16	2991	4 x 4	16	4986	4 x 4	16	5983	4 x 3	12	5609
	.150	8.690	4 x 4	16	2781	4 x 4	16	3337	4 x 4	16	5562	4 x 4	16	6674	4 x 3	12	6257
	.165	9.500	4 x 4	16	3040	4 x 4	16	3648	4 x 4	16	6080	4 x 4	16	7296	4 x 3	12	6840
	.188	10.70	4 x 4	16	3424	4 x 4	16	4109	4 x 4	16	6848	4 x 3	12	6163	4 x 3	12	7704
	.250	13.91	4 x 4	16	4451	4 x 4	16	5341	4 x 3	12	6677	3 x 3	9	6009	3 x 3	9	7511
	.313	16.96	4 x 4	16	5427	4 x 4	16	6513	3 x 3	9	6106	3 x 3	9	7327	3 x 2	6	6106
	.375	19.82	4 x 4	16	6342	4 x 4	16	7611	3 x 3	9	7135	3 x 2	6	5708	3 x 2	6	7135
	.500	25.03	4 x 3	12	6007	4 x 3	12	7209	3 x 3	9	9011	3 x 2	6	7209	3 x 2	6	9011
5X5																	
	.125	8.160	4 x 4	16	2611	4 x 4	16	3133	4 x 4	16	5222	4 x 4	16	6267	4 x 2	8	3917
	.134	8.710	4 x 4	16	2787	4 x 4	16	3345	4 x 4	16	5574	4 x 4	16	6689	4 x 2	8	4181
	.150	9.710	4 x 4	16	3107	4 x 4	16	3729	4 x 4	16	6214	4 x 4	16	7457	4 x 2	8	4661
	.165	10.61	4 x 4	16	3395	4 x 4	16	4074	4 x 3	12	5093	4 x 3	12	6111	4 x 2	8	5093
	.188	12.00	4 x 4	16	3840	4 x 4	16	4608	4 x 3	12	5760	4 x 3	12	6912	4 x 2	8	5760
	.250	15.62	4 x 4	16	4998	4 x 4	16	5998	4 x 2	8	4998	4 x 2	8	5998	4 x 1	4	3749
	.313	19.08	4 x 4	16	6106	4 x 3	12	5495	4 x 2	8	6106	4 x 2	8	7327	4 x 1	4	4579
	.375	22.37	4 x 3	12	5389	4 x 3	12	6443	4 x 2	8	7158	4 x 1	4	4295	4 x 1	4	5369
	.500	28.43	4 x 3	12	6823	4 x 2	8	5459	4 x 1	4	4548	4 x 1	4	5459	4 x 1	4	6823

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500 B	ASTM 500 C
Yield Strength (PSI)	42000	46000
Tensile Strength (PSI)	58000	62000
Elong. in 2% (Min)	28	21

	ASTM A500 B	ASTM 500 C
C	0.26 (max)	0.23 (max)
Manganese	1.35 (max)	1.35 (max)
Phosphorous	0.35 (max)	0.35 (max)
Sulfur	0.35 (max)	0.35 (max)

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

****** Consultarnos si el el tamaño o dimension requerida no se encuentra en estas tablas.***

HSS Carbon Steel Tubes – Round Tubes per A500 Brades A, B & C

ALYTA International Corp.

Rounds Pipe - (Hollow Structural Sections)
Per ASTM A500
Std Spec. for Cold Formed Welded or SMLS Structural Tubing In Shapes
Standard length sizes : 20' Up to 74'
Standard sizes : from 1.315" - 20"

	NOMINAL WALL THICKNESS (INCHES)																										
OD (INCHES)	0.083	0.100	0.125	0.133	0.134	0.140	0.145	0.154	0.188	0.203	0.216	0.237	0.247	0.250	0.258	0.280	0.313	0.322	0.337	0.365	0.375	0.393	0.406	0.432	0.437	0.500	0.625
1.315	A		A	A																							
1.660	A		A		A	A																					
1.900		A	A		A		A		A					A													
2.250			A						A					A													
2.375			A		A			A	A					A													
2.500			A						A					A													
2.875			A						A	A				A													
3.000			A						A					A													
3.500			A						A		A			A													
4.000			A		A				A					A			A		A		A						
5.000			A		A				A			A		A	A		A				A					A	
5.563					A				A				A	A	A						A					A	
6.625			A		A				A					A		A	A				A			A	A	A	
7.000														A			A				A					A	
8.625			A						A					A				A			A					A	A
9.625									A					A			A				A					A	A
10.750									A					A			A			A	A					A	A
11.750														A					A		A					A	A
12.000														A							A	A	A			A	A
12.750														A							A					A	A
13.375														A							A					A	A
14.000														A							A					A	A
16.000														A							A					A	A
18.000														A							A					A	A
20.000														A							A					A	A
		A	THESE SIZES STOCK SIZES OR LEAD TIMES 2-4 WEEKS																								
		A	THESE SIZES ARE NOT STOCK SIZES OR LEAD TIMES >4 WEEKS																								

Intended use: To be utilized in the construction of any welded, riveted or bolted elements of large structures in projects like buildings, bridges, electrical frames, agricultural equipment, etc.

	ASTM A500	ASTM 500
Yield Strength (PSI)	42000	46000
Tensile Strength	58000	62000
Elong. in 2% (Min)	23	21

	ASTM A500
C	Low
Manganese	Low
Phosphorous	Low
Sulfur	Low

OD Size	ASTM A500 B	ASTM 500 C
> 1.9	+/- 0.75%	+/- 0.75 %
Wall Thk	+/- 10%	+/- 10%
Straightness	1/8 x Length (in Ft) Divided by 5	

Extrusiones de cualquier forma irregular diseñadas a la medida del cliente

Carbon Steel, Stainless Steel & Nickel Alloys - Engineered Shapes & Extrusions

In this process a round billet is pre-heated and, after leaving the furnace, is pushed through a forming die into a specific shape. Extrusions can be used to manufacture profile shapes that are very complex even from difficult to form metals.

Estas extrusions son hechas por un proceso donde un Lingote Redondo es pre-calentado, y despues de salir del horno, este es empujado a travez de un dado formador lo cual le dara la forma deseada. Estas estrusiones se pueden fabricar para hace formas mas complicada

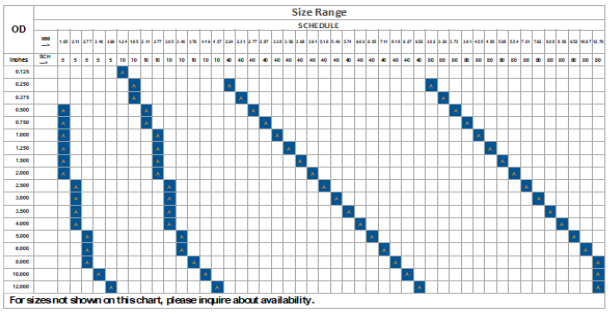
CARBON & ALLOY STEEL GRADES								
1018 1029 1030 1035 1040	1045 1050 1060 10L18 1215	12L14 4130 4140 4150 4340	6150 8620 8630 8640 9310	A36 A588 A690 GRADE 50	Specifications Where Applicable			Outside Dimensions
					AMS S6758 AMS 6415 AMS S5000	ASTM A 36 ASTM A 105 ASTM A 322	ASTM A 576 ASTM A 588 ASTM A 690	AMS-S-6758A AMS 6382	Shape cross-section must fit within 6-inch (152.4 mm) diameter.
STAINLESS STEEL GRADES								
303 304 SERIES 310 316 SERIES		400 SERIES 418 422		13-8 MO 15-5 PH 17-4 PH	Specifications Where Applicable			Outside Dimensions
					AMS 5610 AMS 5613 AMS 5616 AMS 5621 AMS 5627	AMS 5629 AMS 5639 AMS 5640 AMS 5643 AMS 5645	AMS 5646 AMS 5648 AMS 5651 AMS 5659 AMS QQS 763	ASTM A276 ASTM A511	Shape cross-section must fit within 5.5-inch (139.7 mm) diameter.
NICKEL ALLOY GRADES								
ALLOY 400 ALLOY 600 A-286		Bi-Metals ALLOY 601 ALLOY 800/800H			Specifications Where Applicable			Outside Dimensions
					AMS 5665 AMS 5732	ASTM A 164 ASTM B766	ASTM B456 QQ-N-281		Shape cross-section must fit within 5.5-inch (139.7 mm) diameter.
TITANIUM GRADES*								
6AL-4V 6AL-6V-2SN 6AL-2SN-4ZR-2MO*					Specifications Where Applicable			Outside Dimensions
					AMS 4935 AMS 4975	DMS 1650 AMS-T-81556A	AMS 4921 MMS 1202	AIMS 03-18-011	Shape cross-section must fit within 7.75-inch (196.8 mm) diameter. *Shape cross-section must fit within 6-inch (152.4 mm) diameter.

Carbon and Alloys	US Grades in Series 1000, 4000, 6000, 8000, 9000
Stainless Steels in Complex Geometries	Series 300 & 400 Stainless Steel
PH grades in Rounds, Hexes or Octagons	17-4, 17-7, 15-5, 13-8
Exotic Alloys	Monel 400, Inconel, Hastelloy, etc.
Solid, Round	0.25" - 3.75" OD
Hexagons and Octagons, Across Flats	0.3125" - 3.625"
Rectangles and Squares	0.625" per side min, 5.000" max
Unique Shapes	Greater than 0.625"
	Profile must fit within 6.500" Diameter Circle
Dimensional Tolerance, Standard*	+/- 0.005"
Fillet and Radii Tolerance, Standard*	0.015" in Carbon, 0.030" in Stainless
Ratio of Height vs. Width	1 : 1.16 (Max)
Cross Sectional Area	0.125 SQ IN. (Min)

* Tighter Tolerances may be available depending on geometry, size, and material.

Stainless Steel Tubing (Many Grades & Applications)

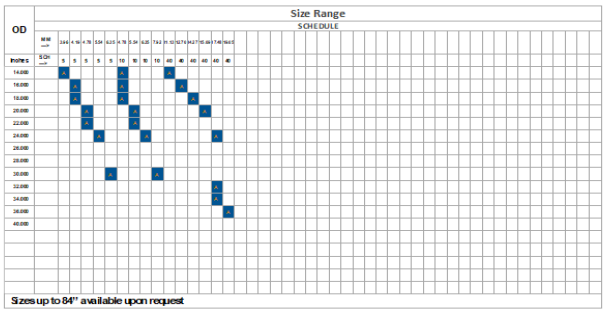
Stainless Pipe
Welded & Seamless
ASTM 312, 358, 778
Size Range: 1/8" - 12" OD
Std Lengths of 20 Ft.



Applications

Paper & Pulp mills	Food Plants	Petrochemical	Oil & Gas	Power Plants
Water Systems	Chemical Plants	Beverage Plants		

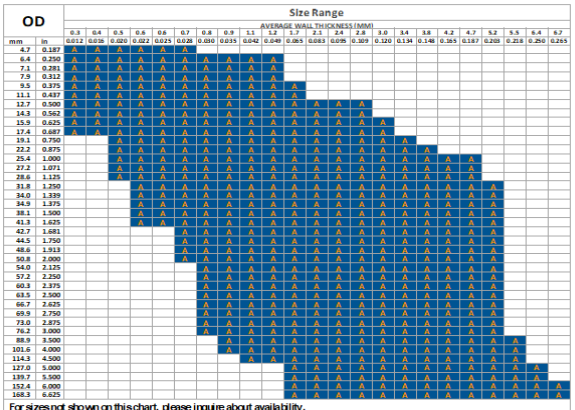
Stainless Pipe
Welded & Seamless
ASTM 312, 358, 778
Size Range: 14" - 40" OD
Std Lengths of 20 Ft.



Applications

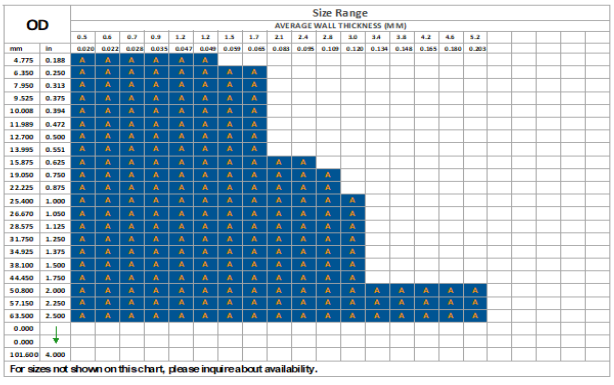
Paper & Pulp mills	Food Plants	Petrochemical	Oil & Gas	Power Plants
Water Systems	Chemical Plants	Beverage Plants		

Stainless Pressure Tubing
Welded, Welded & Drawn & Seamless
Standard and Custom sizes (Range: 3/16" - 6 5/8"" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.



Name	USA	Foreign	Std Grades	Lengths	Process
Welded	A249/ A269 (Dual) Certified, A554,	A249/A269, JIS G3463	304, 304L, 316, 316L	20' (Std), Others available	Laser & Tig
Welded Cold Drawn	A269	A269	304, 304L, 316, 316L	20' (Std), Others available	Laser & Tig
Seamless	A268, A269	A269	304, 304L, 316, 316L	20' (Std), Others available	
Non- Standard Alloys					
Austenitic Stainless	300 Series		Duplex Alloys	LDX 2101, 2205, 2304, 2507, 19D	
Ferritic Stainless	400 Series		Precipitation Hardening SS	17.7 PH	
			High Nickel Alloys	600, 800 & Other Alloys	

Stainless Tubing (Instrumentation)
Welded & Seamless
Standard and Custom sizes (Range: 1/2" - 4" OD)
Std Lengths of 20 Ft. Other Lengths available from Mill 10 - 70 Ft.



ASTM

Name	USA	Foreign	Std Grades	Lengths	Process
Welded	A249/ A269 (Dual) Certified, A554,	A249/A269	304, 304L, 316, 316L	20' (Std), Others available	Laser & Tig
Welded Cold Drawn	A269	A269	304, 304L, 316, 316L	20' (Std), Others available	Laser & Tig
Seamless	A268, A269	A269	304, 304L, 316, 316L	20' (Std), Others available	N/A

Other Grades, Sizes and Applications listed below:

Otros Grados, Tamaños y Aplicaciones listados abajo:

Carbon & Alloy Steel Tubing

ASTM A and ASME SA Specifications		Grades	OD Range inches	OD Range mm	Wall Range AW=Average Wall / MW=Minimum Wall inches	Wall Range AW=Average Wall / MW=Minimum Wall mm	Max Length ft	Max Length m
BOILER AND PRESSURE TUBING								
-106	**Seamless Carbon Steel Tubing for High Pressure Service**	A B C	**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
-179	**Seamless Low Carbon Steel Heat Exchanger & Condenser Tubing**	A B C	**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
-192	**Seamless Carbon Steel Tubing for High Pressure Service**		**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
-209	**Seamless Carbon-Molybdenum Alloy Steel Boiler & Superheater Tubing**	T-1 T-1B T-1A	**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
-210	**Seamless Medium Carbon Steel Boiler & Superheater Tubing**	A-1 C	**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
-213	**Seamless Alloy Steel Boiler & Superheater Tubing**	T-2 T-12 T-5 T-22 T-11	**CD:** 1.250 to 6.000 **HF:** 1.900 to 5.000	**CD:** 31.75 to 152.40 **HF:** 48.26 to 127.00	**CD:** .105 to 1.000 MW **HF:** .180 to .570 MW	**CD:** 3.78 to 25.40 MW **HF:** 4.57 to 14.48 MW	75 65	26 20
MECHANICAL TUBING		(Special Shape OD/ID Combinations Available in Cold Drawn Seamless)						
-513	**Electric Resistance Welded Carbon Steel Tubing (DOM Type 5 & 6)** Other grades available upon request.	CARBON: 1010 TO 1020	.250 to 1.750	6.35 to 44.45	.020 to .120 AW	.710 to 3.05 AW	26	8
-519	**Seamless Carbon & Alloy Steel Tubing** Other grades available upon request.	CARBON: 1008 TO 1045 ALLOY: 1518, 4130, 4140	**CD:** .125 to 6.000 **HF:** 1.875 to 5.000	**CD:** 3.75 to 152.40 **HF:** 47.63 to 27.00	**CD:** .028 to 1.000 AW **HF:** .200 to 1.009 AW	**CD:** .711 to 25.40 AW **HF:** 5.08 to 24.13 AW	75 65	26 20
MIL/AMS-T-6736B **Seamless Aircraft Quality 4130 Tubing** 6736B (Condition A or N) & AMS 6360, 6371, 6381		4130	**CD:** 1.750 to 6.000	**CD:** 44.45 to 152.40	**CD:** .095 to 1.000 AW	**CD:** 2.413 to 25.40 AW	75	26
ProMoly® **High Performance Seamless Tubing** Made to AMS -T-6736B, MIL-T-6736B and AMS 6360 specifications.		4130	**CD:** .125 to 2.000	**CD:** 3.175 to 50.80	**CD:** .028 to .188	**CD:** .711 to 4.77	50	15
HYDRAULIC FLUID LINE TUBING								
SAE-J525 **Electric Resistance Welded Low Carbon Hydraulic Tubing** HYDRABRITE® Bright annealed suitable for bending, flaring and other special applications.		1010	**CD:** .250 to 1.750	**CD:** 6.35 to 44.45	**CD:** .020 to .120 AW	**CD:** .071 to 3.05 AW	26	6
SAE-J2467 **Electric Resistance Welded Low Carbon Hydraulic Tubing** Bright annealed suitable for high pressure applications. Available upon request pending raw material availability.		1021	**CD:** .250 to 1.750	**CD:** 6.35 to 44.45	**CD:** .020 to .120 AW	**CD:** .071 to 3.05 AW	26	8
SAE-J2614 **HS-50 High Pressure Hydraulic™ Tubing** Electric Resistance Welded, HSLA, Sub-Critical Annealed for Bending and Flaring			.375 to 1.250	9.53 to 31.75	.035 to .120	.89 to 3.05	26	8
SAE-J2833 **HS-90 High Pressure Hydraulic™ Tubing** Electric Resistance Welded, HSLA, Stress Relieve Annealed for Bending and Flaring			.375 to 1.250	9.53 to 31.75	.035 to .120	.89 to 3.05	26	8
SPECIAL SHAPE TUBING								
Shapes include: rounds, squares, rectangles, triangles, hexagons, streamline/teardrops, symmetrical,custom OD/ID shape combinations and non-symmetrical. Inquire about exceptions.		UP TO 40% CARBON STEEL, CHROME-MOLY & HEAT TREATABLE ALLOYS	.250 to 6.000	6.35 to 152.40	.035 to 1.000	.088 to 25.40	75	22

CD: Cold Drawn **HF:** Hot Finished

Value added capabilities: cutting and end finishing available upon request.

Other Grades, Sizes and Applications listed below:

Otros Grados, Tamaños y Aplicaciones listados abajo:

Austenitic, Ferritic & Duplex Stainless Steel Tubing

ASTM A and ASME SA Specifications		Grades	OD Range inches	OD Range mm	Wall Range AW=Average Wall / MW=Minimum Wall inches	Wall Range AW=Average Wall / MW=Minimum Wall mm	Max Length ft	Max Length m
PRESSURE TUBING								
-213	Seamless Austenitic Alloy Steel Boiler, Superheater and Heat Exchanger Tubing *U-Bending Available*	304/L, 316/L, 317/L 321, 347	.375 to 1.500	9.5 to 38.10	.028 AW to .134 AW	.71 AW to 3.40 AW	130	39
-249	Welded Austenitic Steel Boiler Superheater and Heat Exchanger Tubing *U-Bending Available*	304/L, 316/L, 317/L 321, 347 Also available in H and N grades.	.375 to 4.000	9.53 to 101.60	.028 AW to .218 AW	.71 AW to 5.54 AW	130	39
-268	Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service *U-Bending Available*	430, S44660, 430Ti, 439 S44735, S44627, SEA-CURE® AL29-4C®, E-BRITE®	.5000 to 2.000	12.70 to 50.80	.020 AW to .134 AW	.51 AW to 3.40 AW	130	39
-269	Seamless and Welded Austenitic Stainless Steel General Service Tubing *U-Bending Available*	304/L/N, 316/L, 317/L 321, 347	S: .125 to 1.500 W: .188 to 4.000	S: 3.18 to 38.10 W: 4.78 to 101.60	S: .016 AW to .120 AW W: .020 AW to .218 AW	S: .41 AW to 3.05 AW W: .51 AW to 5.54 AW	130	39
-270	Seamless and Welded Austenitic Stainless Steel Tubing	304/L, 316/L, AL6XN®	S: .125 to 1.250 W: .500 to 4.000	S: 3.18 to 31.75 W: 12.70 to 101.6	S: .016 AW to .120 AW W: .065 AW to .131 AW	S: .41 AW to 3.05 AW W: 1.66 AW to 3.33 AW	130	39
-632	Seamless Austenitic Stainless Steel Tubing for General Service (Small Diameter)	304/L/N, 316/L/N 321, 347	.125 to 0.500	3.18 to 12.70	.015 AW to .065 AW	.38 AW to 1.65 AW	130	39
-789	Seamless and Welded Ferritic/Austenitic Stainless Steel Tubing for General Service	2205, 2507	S: .375 to 1.500 W: .375 to 2.000	S: 9.53 to 38.10 W: 9.53 to 101.6	S: .028 AW to .134 AW W: .028 AW to .134 AW	S: .71 AW to 3.40 AW W: .71 AW to 3.40 AW	130	39
FEEDWATER HEATER TUBING								
-688	XtraLowStress® Welded Stainless Steel Feedwater Heater Tubing *U-Bending Available*	304/L/N, 316/L/N 321, 347	.625 to 1.000	15.88 to 25.40	.026 AW to .134 AW	.66 AW to 3.40 AW	130	39
-803	Welded Ferritic Stainless Steel Feedwater Heater Tubing *U-Bending Available*	439, AL29-4C®, S44735 SEA-CURE®, S44627, E-BRITE®, S44660	.625 to 1.000	15.88 to 25.40	.028 AW to .134 AW	.71 AW to 3.40 AW	130	39
COMMERCIAL INSTRUMENTATION TUBING								
-213	Seamless Austenitic Alloy Steel Boiler, Superheater and Heat Exchanger Tubing	304/L, 316/L	.125 to 1.500	3.18 to 38.10	.016 AW to .120 AW	.41 AW to 3.05 AW	140	42
-269	Seamless Austenitic Stainless Steel General Service Tubing	304/L, 316/L	.125 to 1.000	3.18 to 25.40	.016 AW to .109 AW	.41 AW to 2.77 AW	140	42
NUCLEAR INSTRUMENTATION TUBING								
-213	ASME section III - Class 1&2 See ASTM SB 163 and 167 for alloy 600	304/L, 316/L	.125 to 1.500	3.18 to 38.10	.016 AW to .120 AW	.41 AW to 3.05 AW	140	42
MECHANICAL TUBING								
-511	Seamless Stainless Steel	304/L, 316/L	.125 to 1.500	3.18 to 38.10	.016 AW to .120 AW	.41 AW to 3.05 AW	130	39
-554	Welded Stainless Steel Mechanical Tubing	304/L, 316L	.500 to 4.000	12.70 to 101.6	.020 AW to .218 AW	.51 AW to 5.54 AW	130	39
PRESSURE TUBING								
-163	Seamless Nickel and Alloy Condenser and Heat Exchanger Tubing	800, 825, 600, 625	.375 to 1.500	9.50 to 38.10	.016 AW to .120 AW	.41 AW to 3.05 AW	130	39
-676	UNS N08367 Welded Tubing	AL6XN	.250 to 4.000	6.35 to 101.6	.020 AW to .120 AW	.51 AW to 3.05 AW	130	39

S: Seamless **W:** Welded

AL29-4C®, AL6XN®, E-BRITE® and SEA-CURE® are alloys produced by Allegheny.

Structural Products: Solid Bars, Beams, Channels, Angles (Equal & Un-equal Legs), Solid Shapes, etc.

MBQ (Merchant Bar Quality) - Equal Leg Angles
Hot Rolled
Size Range: 3/4"x 3/4" - 6" x 6"
Custom Lengths Available
ASTM : A36, A52950, A529 Gr 50, A572-50, Multigrade

OD (Inches)		Size Range – Thickness											
		MM →											
A	B	Inches	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
3/4	3/4		A										
1	1		A	A	A								
1 1/4	1 1/4		A	A	A								
1 1/2	1 1/2		A	A	A								
1 3/4	1 3/4		A	A	A								
2	2		A	A	A	A	A						
2 1/2	2 1/2			A	A	A	A		A				
3	3			A	A	A	A		A				
3 1/2	3 1/2				A	A	A		A				
4	4				A		A	A	A				
5	5				A		A	A	A	A			
6	6				A	A	A	A	A	A	A	A	A

Custom Lengths Available, Special Grades Available

Carbon Steel - Misc. Channels
A STM A 992, A 572-50, A 588, A 36, A 529
Size Range : 3" to 18" & Lb/Ft : 6.50 to 58.00
Lengths: 20' - 60' in increments of 5'

C (Inches)	LBS/FT – 6.50	7.10	8.40	8.50	10.60	12.00	13.80	15.30	16.30	18.00	18.70	19.10	20.00	21.40	22.00	22.70	22.80	23.90	25.00	25.40	28.50	31.00	31.80	33.60	35.00	37.00	40.00	42.70	45.00	45.50	50.00	51.90	58.00
3.00	A	A																															
4.00							A																										
5.00						A		A	A	A																							
7.00												A				A																	
8.00			A								A		A	A			A																
9.00																		A		A													
10.00	A		A												A				A		A			A									
12.00					A																	A			A	A		A		A			
13.00																							A				A				A		
18.00																												A		A		A	A

Custom Lengths Available, Special Grades Available

Carbon Steel & Alloy - Bar Products
Grades: 10XX, 11XX, 12XX, 13XX, 15XX, 4XXX, 5XXX, 8XXX, 9XXX Series & AMS
Aircraft Quality Steel
Tempers: (Inquire)
Length Sizes: 12' - 60'
DIN, JAS, JIS and ISO Standards (Inquire)

ROUNDS - SBQ Bars

Type	Product	ASTM	USE	Sizes (inches)	Other Sizes
Hot Rolled	Carbon Steel Bars	A321, A499, A575, A576, A663/ A663M, A675/ A675M, A689, Under A29/ A29/M	General fabrication, Repairs In Industrial Maintenance, Agriculture Implements, Transportation Equipment, etc.	1/8" - 12"	Inquire
Hot Rolled	Alloy Steel Bars	A322, A304, A434/ A434M, A739, Under A29/ A29M	General fabrication, Repairs In Industrial Maintenance, Agriculture Implements, Transportation Equipment, etc.	1/8" - 12"	Inquire
Cold Finished	Carbon Steel Bar	A295, A485, A534, (ie: 1053, 1070, 4118, 4320, 4820, 5120)	Bearing Steels	1/4" - 10 1/16"	Inquire
Cold Finished	Alloy Steel Bars	AMS 2301, 2304	Aircraft Quality Steel	1/4" - 10 1/16"	Inquire
Cold Finished	Carbon & Alloy Bars	All ASTM A-29 and SAE Carbon. A108	Resulfurized and Rephosphorized Steels (ie: 1008 - 1095, 11XX, 12XX & 15XX). T, T&P, TG&P, Ground & Polished	7/8" - 5"	Inquire
Cold Finished	Alloy Steel Bars	Boron Steels	Wear Resistant, High Corrosion Resistance	7/8" - 5"	Inquire
Cold Finished	Carbon & Alloy Nitro Steel Bars	75,000 -100,000 PSI Min yield	Ferritic Nitrocarburized Bars used as hydraulic cylinder rods, agricultural applications, construction, mining, marine, utility and automotive. Wear resistant and High corrosion resistance.	1/2" - 5"	Inquire
Cold Drawn	Carbon Steel Bars	A311/ A311 under A29	General fabrication, Repairs In Industrial Maintenance, Agriculture Implements, Transportation Equipment, etc.	1/4" - 6"	Inquire

Rounds MBQ - Merchant Bar Quality

Product	ASTM Grades	USE	Sizes (inches)	Metric Sizes (Also Available)
Hot Rolled	A131-A, A131-AH36, A36, A529-50, A529-55, A572-50, A588, A709-36, A709-50, A992, AASHTO M270-36, AASHTO M270-50.	Durable goods, ornamental items, appliances, machined parts, automotive components, etc.	1/2" - 3 5/8"	Inquire

Carbon Steel & Alloy - Bar Products
Custom Lengths Available
Std & Special Grades: 10XX, 4XXX, 8XXX Series (See below)
Specific Tempers : Inquire
Sizes : 12' - 60'

Squares SBQ & MBQ

Product	Sizes (inches)	Metric Sizes (Also Available)
SBQ - Cut Length	1/2" - 1 3/4"	Inquire
SBQ - In Coil	1/2" - 15/16"	Inquire
SBQ - Square Round Corners	1" - 10"	Inquire
SBQ - Billets	5" - 7"	Inquire
MBQ - HR - Squares	1/2" - 2 1/16"	Inquire
MBQ - HR - Squares Round Corners	1" - 2"	Inquire

Hexagons - SBQ & MBQ

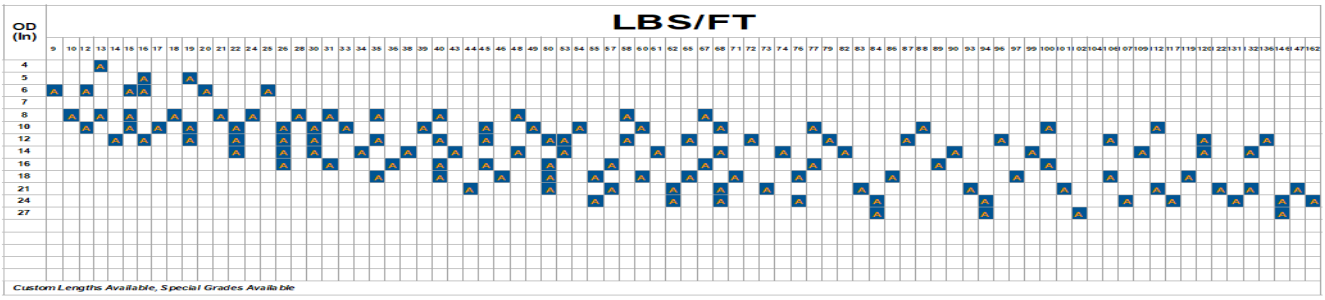
Product	Sizes (inches)	Metric Sizes (Also Available)
SBQ - Hex Sizes in Coil	9/16" - 2 3/32"	Inquire
HR - Hex Sizes	1/4" - 4"	Inquire

Flats

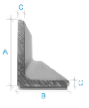
Product	Sizes (inches)	Metric Sizes (Also Available)
SBQ - Flats (Cold Rolled)	3/16" - 1 1/2" Thickness 1" - 12" Wide	Inquire
HR - Flats (Hot Rolled)	1/8" - 3/16" Thickness, up to 12" Wide 1/4" - 1 1/2" thickness up to 14 1/2" Wide 2" - 4" Thickness up to 12" Wide	Inquire

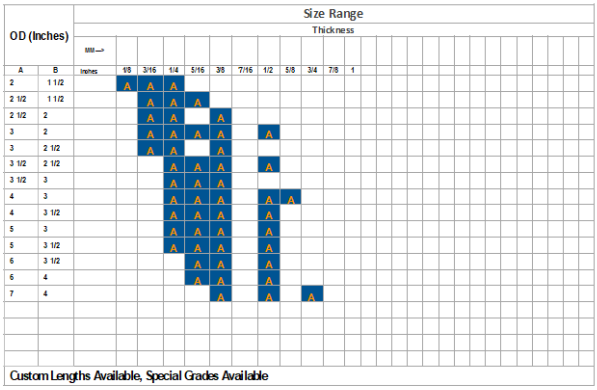
Structural Products: Solid Bars, Beams, Channels, Angles (Equal & Un-equal Legs), Solid Shapes, Coils, Sheets, etc;

Carbon Steel - Wide Flange Beam
A 572-50, A 572-55, A 572-60, A 572-65, A588, A 592
Size Range : 4" to 27" & Lb/Ft : 9 to 162
Lengths : Upto 60'

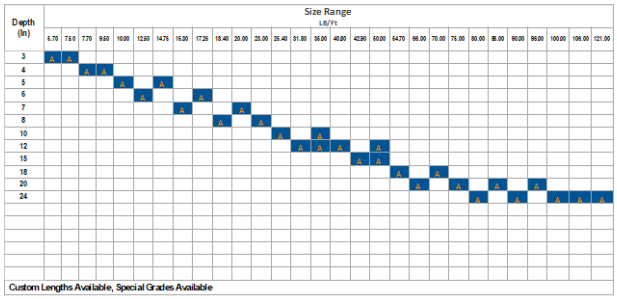


MBQ (Merchant Bar Quality) - Un-Equal Leg Angles
Hot Rolled
Size Range : 2 1/2"x 1 1/2" - 7" x 4"
Custom Lengths Available
ASTM : A36, A52950, A529 Gr 50, A572-50, Multigrade

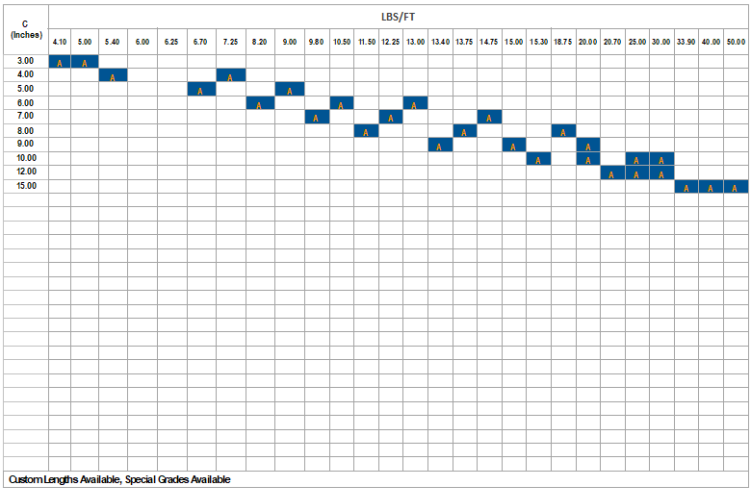




Standard Beam- S Section / I Beam
Hot Rolled
A STM A 992, A 572-50, A 588, A 36, A 529
Size Range : S3" to S24" & Lb/Ft : 5.70 to 121
Lengths: 20' - 60'



Carbon Steel - Std Channels
A STM A992, A572-50, A588, A36, A529
Size Range : 3" to 50" & Lb/Ft : 4.10 to 50.00
Lengths: 20' -60' in increments of 5'



Coils & Sheets

ALYTA International Corp.

Carbon Steel - Flat Rolled Products

Carbon Steel Sheet/Hot Rolled * H.R.P. & O. * Cold Rolled * Electrogalvanized

Gauge #	Equivalent	Tolerance Range		Lbs/Sq. Ft
		Hot Rolled & P&O	Cold Rolled/Electrogalvanized	
4	0.2242	0.2152 - 0.2332		9.375
5	0.2092	0.2002 - 0.2182		8.750
6	0.1943	0.1853 - 0.2033		8.125
7	0.1793	0.1713 - 0.1873		7.500
8	0.1644	0.1564 - 0.1724		6.875
9	0.1495	0.1415 - 0.1575		6.250
10	0.1345	0.1265 - 0.1425	0.1285 - 0.1405	5.625
11	0.1196	0.1116 - 0.1276	0.1136 - 0.1256	5.000
12	0.1046	0.0966 - 0.1126	0.0986 - 0.1106	4.375
13	0.0897	0.0827 - 0.0967	0.0847 - 0.0947	3.750
14	0.0747	0.0687 - 0.0817	0.0697 - 0.0797	3.125
15	0.0673	0.0613 - 0.0733	0.0623 - 0.0723	2.813
16	0.0598	0.0538 - 0.0658	0.0548 - 0.0648	2.500
17	0.0538	0.0478 - 0.0598	0.0498 - 0.0548	2.250
18	0.0478	0.0428 - 0.0518	0.0438 - 0.0518	2.000
19	0.0418		0.0378 - 0.0458	1.750
20	0.0359		0.0329 - 0.0389	1.500
21	0.0329		0.0299 - 0.0359	1.375
22	0.0299		0.0269 - 0.0329	1.250
23	0.0269		0.0239 - 0.0299	1.125
24	0.0239		0.0209 - 0.0269	1.000
25	0.0209		0.0179 - 0.0239	0.875
26	0.0179		0.0159 - 0.0199	0.750
27	0.0164		0.0144 - 0.0184	0.688
28	0.0149		0.0129 - 0.0169	0.625
29	0.0135		0.0115 - 0.0155	0.562
30	0.0120		0.0110 - 0.0130	0.500

Reference Table

Products	Availability
H.R.P.&O	1/4" - 16 Ga
C.R.	10 - 24 Ga
Galvanized	10 - 26 Ga
Electro Galvanized	14 - 24 Ga
Galvannealed	10-24 Ga
Galvalume	Inquire
Aluminized	Inquire

Products & Services Offered

Available	Product/Service
☑	Coils
☑	Slitting
☐	Cut to Length
☐	Blanking

H.R.P.&O: A treatment applied to some metal after it has been hot-rolled. The treatment consists of passing the metal through an acid to remove surface oxides, and then rinsing and oiling the metal to reduce the formation of rust.

Cold Rolled: occurs with the metal below its recrystallization temperature (usually at room temperature), which increases the strength via strain hardening up to 20%. It also improves the surface finish and holds tighter tolerances. Commonly cold-rolled products include sheets, strips, bars, and rods; these products are usually smaller than the same products that are hot rolled.

Galvanized: Is simply steel in some form that has received a thin coating of zinc oxide. The purpose of the zinc is to protect the steel from elements that normally would lead to oxidation, corrosion and the eventual weakening of the steel.

Electro Galvanized: Electrolytically zinc coated in coils by modern methods. Its zinc coating is so completely bonded to the base metal that it will not flake or peel under the most severe forming or drawing operations.

Galvalume: The substrate coating is used to inhibit rust. It covers the steel but is under the paint. Galvalume® uses a mixture of aluminum and zinc to protect against rust. Galvanized uses zinc only.

Aluminized steel: Is carbon steel coated, through the hot-dip process, with an aluminum-silicon alloy. The aluminum coating provides resistance to high temperatures and a bright appearance. The silicon promotes better adherence of the coating to the base metal.

ALYTA International Corp.

Carbon Steel - Flat Rolled Products

Carbon Steel Sheet/Hot Rolled * H.R.P. & O. * Cold Rolled * Electrogalvanized

Gauge #	Equivalent	Tolerance Range		Lbs/Sq. Ft
		Hot Rolled & P&O	Cold Rolled/Electrogalvanized	
4	0.2242	0.2152 - 0.2332		9.375
5	0.2092	0.2002 - 0.2182		8.750
6	0.1943	0.1853 - 0.2033		8.125
7	0.1793	0.1713 - 0.1873		7.500
8	0.1644	0.1564 - 0.1724		6.875
9	0.1495	0.1415 - 0.1575		6.250
10	0.1345	0.1265 - 0.1425	0.1285 - 0.1405	5.625
11	0.1196	0.1116 - 0.1276	0.1136 - 0.1256	5.000
12	0.1046	0.0966 - 0.1126	0.0986 - 0.1106	4.375
13	0.0897	0.0827 - 0.0967	0.0847 - 0.0947	3.750
14	0.0747	0.0687 - 0.0817	0.0697 - 0.0797	3.125
15	0.0673	0.0613 - 0.0733	0.0623 - 0.0723	2.813
16	0.0598	0.0538 - 0.0658	0.0548 - 0.0648	2.500
17	0.0538	0.0478 - 0.0598	0.0498 - 0.0548	2.250
18	0.0478	0.0428 - 0.0518	0.0438 - 0.0518	2.000
19	0.0418		0.0378 - 0.0458	1.750
20	0.0359		0.0329 - 0.0389	1.500
21	0.0329		0.0299 - 0.0359	1.375
22	0.0299		0.0269 - 0.0329	1.250
23	0.0269		0.0239 - 0.0299	1.125
24	0.0239		0.0209 - 0.0269	1.000
25	0.0209		0.0179 - 0.0239	0.875
26	0.0179		0.0159 - 0.0199	0.750
27	0.0164		0.0144 - 0.0184	0.688
28	0.0149		0.0129 - 0.0169	0.625
29	0.0135		0.0115 - 0.0155	0.562
30	0.0120		0.0110 - 0.0130	0.500

Reference Table

Products	Availability
H.R.P.&O	1/4" - 16 Ga
C.R.	10 - 24 Ga
Galvanized	10 - 26 Ga
Electro Galvanized	14 - 24 Ga
Galvannealed	10-24 Ga
Galvalume	Inquire
Aluminized	Inquire

Products & Services Offered

Available	Product/Service
☑	Coils
☑	Slitting
☐	Cut to Length
☐	Blanking

H.R.P.&O: A treatment applied to some metal after it has been hot-rolled. The treatment consists of passing the metal through an acid to remove surface oxides, and then rinsing and oiling the metal to reduce the formation of rust.

Cold Rolled: occurs with the metal below its recrystallization temperature (usually at room temperature), which increases the strength via strain hardening up to 20%. It also improves the surface finish and holds tighter tolerances. Commonly cold-rolled products include sheets, strips, bars, and rods; these products are usually smaller than the same products that are hot rolled.

Galvanized: Is simply steel in some form that has received a thin coating of zinc oxide. The purpose of the zinc is to protect the steel from elements that normally would lead to oxidation, corrosion and the eventual weakening of the steel.

Electro Galvanized: Electrolytically zinc coated in coils by modern methods. Its zinc coating is so completely bonded to the base metal that it will not flake or peel under the most severe forming or drawing operations.

Galvalume: The substrate coating is used to inhibit rust. It covers the steel but is under the paint. Galvalume® uses a mixture of aluminum and zinc to protect against rust. Galvanized uses zinc only.

Aluminized steel: Is carbon steel coated, through the hot-dip process, with an aluminum-silicon alloy. The aluminum coating provides resistance to high temperatures and a bright appearance. The silicon promotes better adherence of the coating to the base metal.

Aluminum Tubing & Pipe (Drawn & Extruded)

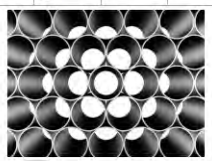
ALYTA International Corp.

Tubing & Pipe

Standard and Customsizes

Extruding	Other Shapes	Grades	Typical Application	Condition	Delivery & Logistics	Engineering
Thin Walls	Hollow Profile	3XXX Series : Mn - Low to medium Strength, Good Corrosion Resistance, Poor machinability, good workability, strain hardened.	Drawn tubing for H/X, Furnitures, Utensils, Medical, Chemical equipment.	Quenching	Inventory Mgmt	CAD/CAM (DXF, IGS and DWG formats)
Circle Sizes up to 10.5"	Semi-Hollow Profile	6XXX Series: Mn & Si - Popular Alloy, Good Extrudability, corrosion resistance, machinability, weldability, formability, heat treatable.	General Purpose for Architectural, heavy duty structures and tubing	Tempering T-1, T-5, T-6	Min Order Quantities	Part modeling & simulation before Production
Lengths up to 45 Feet	Solid Profile	The production method and combination of these three characteristics influence the mechanical properties.			Short Lead Times	Prototyping
Multiple Voids				Anodizing, Finishing & Paint		

Shape	OD. (Inches)	Thickness Range (Inches)
Round, Square & Rect.	0.500	0.062" -0.539"
Round, Square & Rect.	0.675	0.062" -0.539"
Round, Square & Rect.	0.750	0.062" -0.539"
Round, Square & Rect.	0.875	0.062" -0.539"
Round, Square & Rect.	1.000	0.062" -0.539"
Round, Square & Rect.	1.125	0.062" -0.539"
Round, Square & Rect.	1.250	0.062" -0.539"
Round, Square & Rect.	1.375	0.062" -0.539"
Round, Square & Rect.	1.500	0.062" -0.539"
Round, Square & Rect.	1.750	0.062" -0.539"
Round, Square & Rect.	1.875	0.062" -0.539"
Round, Square & Rect.	2.000	0.062" -0.539"
Round, Square & Rect.		Thin Walls through the entire range of O.D.
Round, Square & Rect.		
Round, Square & Rect.		
Round, Square & Rect.	10.500	



ALYTA International Corp.

Extrusions

Standard and Customsizes

Extruding	Other Shapes	Grades	Typical Application	Condition	Delivery & Logistics	Engineering
Thin Walls	Hollow Profile	3XXX Series : Mn - Low to medium Strength, Good Corrosion Resistance, Poor machinability, good workability, strain hardened.	Drawn tubing for H/X, Furnitures, Utensils, Medical, Chemical equipment.	Quenching	Inventory Mgmt	CAD/CAM (DXF, IGS and DWG formats)
Circle Sizes up to 10.5"	Semi-Hollow Profile	6XXX Series: Mn & Si - Popular Alloy, Good Extrudability, corrosion resistance, machinability, weldability, formability, heat treatable.	General Purpose for Architectural, heavy duty structures and tubing	Tempering T-1, T-5, T-6	Min Order Quantities	Part modeling & simulation before Production
Lengths up to 45 Feet	Solid Profile	The production method and combination of these three characteristics influence the mechanical properties.			Short Lead Times	Prototyping
Multiple Voids				Anodizing, Finishing & Paint		

Hollow Profile

Semi-Hollow Profile

Solid Profile

Anodized

Red Metals (Copper, Brass & Bronze)

ALYTA International Corp.

Brass Products (YELLOW AND RED)

Standard and Custom sizes
Per ASTM Std based on material grade

Type	OD	Wall Thickness	Alloys (UNS)
Straight Lengths	0.125" - 2.625"	0.010" - 0.175"	C220, C230, 260, C270, C330, C332, C435, C443
Coils	0.040" - 0.875"	0.010" - 0.065"	C220 & C230
Shapes:	Solid and Hollow products, Square OD/ID, Square OD/Round ID, Rectangular		
	Hexagonal, Octagonal, Flutes on OD/ID, D Shapes, I Shape, Triangular shape, 8 shape, Ovals and Other shapes. (Please inquire)		
ASTM Designation based on Material Designation			
C27200 & C33000	B135		
C44300	B111		
C23000	B43		

ALYTA International Corp.

Copper Tubing Products

Standard and Custom sizes
CDA 122 (DHP); CDA 120 (DLP); CDA 194; CDA 706 (Cu-Ni)
Std. Tempers: Dead Soft to Full Hard

Tempers: Available based on Grain Size, Tensile Strength, Rockwell Hardness

Product Family	Product	Size Range	OD	Wall
Level Wound Coils per ASTM B280 Max Coil Weight : 500 Kgs (1,101 Lbs)		0.89 mm - 28.58 mm 0.149" - 1.125"	3.8	0.28 - 0.60
			4.76	0.28 - 1.00
			5	0.25 - 1.00
			6.35	0.28 - 1.50
ACR Pancake Coils per ASTM B280		3.17 mm - 28.58 mm 0.125" - 1.125"	7 - 7.94	0.28 - 1.50
			9 - 9.52	0.26 - 1.50
			12 - 12.70	0.34 - 1.50
			15.88 - 16.00	0.41 - 1.80
ACR Straight Tubes per ASTM B280		9.52 mm - 104.77 mm 0.375" - 4.125"	18.88	1.20 - 2.00
			19.05	0.71 - 2.00
			22.22	0.89 - 2.00
Capillary Tube per ASTM B280		Straight Tubes	OD: 1.00 - 6.00 ID: 0.30 - 5.00	> 0.40 MM
		Coil Tube	OD: 1.00 - 6.00 ID: 0.30 - 5.00	
		Bent Tube	OD: 1.80 - 8.00 ID: 0.30 - 5.00	> 0.40 MM
		Formed Tube	OD: 1.60 - 9.52	0.40 - 1.00

ALYTA International Corp.

Copper Pipe Products

Standard and Custom sizes
Per ASTM B88

Product Family	Application	Product	Nominal Sizes	Std Lengths
K Type	Domestic Water, Service Distribution, Fire Protection, Solar, HVAC, Natural Gas, Vacuum, Compressed Air, LP Gas, Snow Melting,		For Straight Lengths: 1/4" - 12" For Coils : 1/4" - 1 " 1 1/4" - 1 1/2" 2"	Straight Lengths: 12', 18' & 20' * Other Custom Lengths available Coils : from 60' and up'
L Type	Domestic Water, Service Distribution, Fire Protection, Solar, HVAC, Natural Gas, Vacuum, Compressed Air, LP Gas, Snow Melting,		For Straight Lengths: 1/4" - 12" For Coils : 1/4" - 1 " 1 1/4" - 1 1/2" 2"	Straight Lengths: 12', 18' & 20' * Other Custom Lengths available Coils : from 60' and up'

Nominal or Standard Size, inches	Actual Outside Diameter, in
1/8	3/8
1/4	7/8
1	1 1/8
1 1/4	1 3/8
1 1/2	1 5/8
2	2 1/8
2 1/2	2 5/8
3	3 1/8
4	4 1/8
5	5 1/8
6	6 1/8
8	8 1/8

Equipos & Maquinaria para diversas Industrias (HVAC & Others)

LEAK DETECTION SYSTEMS – PRESSURE DECAY, VACUUM DECAY, SMART STATION

Llamenos con sus necesidades especificas para sus procesos

Equipos & Maquinaria para diversas Industrias (HVAC & Others)

EQUIPOS OMS

- ***TUBE PROCESSING EQUIPMENT***
  - ***CNC BENDING MACHINES***
  - ***CNC CLOSING MACHINES***
  - ***CNC SPINNING MACHINES***
  - ***END FORMING MACHINES***
  - ***FLUTE PUNCHING MACHINES***
  - ***LINESET PRODUCING MACHINE***
  - ***TUBE CUTTING MACHINE***
  - ***TUBE HOLE DRILLING MACHINE***
- ***SHEET METAL PROCESSING***
- ***HEAT EXCHANGER PROCESSING EQUIPMENT***
  - ***COIL FORM BENDERS***
  - ***EXPANDER MACHINES***
  - ***HAIRPIN BENDERS***
  - ***RETURN BENDER & CROSSOVERS***
  - ***RING & SIZING MACHINES***

EQUIPOS OTC DE SOLDADURA (SEMI, AUTOMATICOS Y SISTEMAS ROBOTICOS E INTEGRADOS)

- ***INVERTERS***
- ***ARC WELDING ROBOTS (FD SERIES)***
- ***ARC CELLS – FOR INTEGRATED ROBOTIC SYSTEMS***

CALL: ALEX GARCIA FOR MORE INFORMATION

PHONE (MEXICO): +52 81-8421-7496

PHONE (USA) : +1 972-978-1980

AGARCIA@ALYTAMEXICO.COM

Muchas Gracias por su preferencia !!

Contactos:

Ruben A Mancilla
VP Ventas Nacionales
Email: rmancilla@alytamexico.com
Tel: +52 (81) 1577 - 3079 (Disponible en Whatsapp)

Alex Garcia
Ventas Nacionales & Internacionales
Email: agarcia@alytamexico.com
Tel (Mexico) : +52 (81) 8421 - 7496 (Skype Oficina)
Tel: (USA) : +1 (972) - 978 - 1980 (Disponible en Whatsapp)

Norma L Montoya
Oficinas & Administracion
Email: nmontoya@alytamexico.com
Tel: +52 (81) 8139 - 5146 (Oficina)

ALYTA
Specialty Products de Mexico S.A. de C.V.