

serviacero[®]
USA



Tubing Catalog



Square
Tubing

Rectangular
Tubing

Round
Tubing



At **Serviacero USA**, we specialize in manufacturing of round, square, and rectangular tubing.

Our high-precision services for tubular products, including High Precision Tubing Cut-to-Length, High Precision Electronic Tube Bending, and Laser Cutting, underscore our commitment to delivering superior results on every project.

We ensure process reliability through quality management systems and continuous improvement practices compliant with ISO 9001:2015 standards, all while focusing on meeting our customers' needs.

We continuously invest in advancing our capabilities and expanding our product and service offerings to remain at the forefront of the industry.



Houston, Texas Warehouse

The information contained in this book is only for reference and can change without previous notice.

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Who we are

- 1966** "**Comercial y Aceros de León**" starts operations, a company dedicated to satisfy the industrial necessity for building materials.
- 1974** "**Metales y Aceros**" emerges as a supplier of specialty steel products for machinery and tools used in the footwear and food sector of León, Guanajuato.
- 1980** "**Serviacero de León**" is formed to provide cut and tailored sheets.
- 2000** In order to support the industry and to satisfy the steel necessity of its customers, these three companies are united under the name "**Serviacero**".
- 2005** "**Serviacero Planos**" opens its doors to its second Steel service center in the city of Querétaro. "**Serviacero Comercial**" opens a new Service Center in the city of Celaya, Guanajuato.
- 2006** We complete **40 years** of providing customers with the widest range of steel and service in the country. "**Serviacero Comercial**", opens its doors to its largest distribution center in the city of León, Guanajuato.
- 2007** "**Serviacero Planos**" forms a Joint Venture with **Worthington Industries** to create "**Serviacero Worthington**", projecting them as one of the main suppliers of steel at a national level. "Serviacero Comercial" opens a new Service Center in the city of Morelia, Michoacan.
- 2009** "**Serviacero Comercial**" opens the Morelos Service Center in Leon Guanajuato. In July of the same year, "**Serviacero Worthington**" starts its third new plant in the city of Monterrey, N.L.
- 2013** **Serviacero Comercial** opens its distribution center located in the metropolitan area of Monterrey, with this new distribution center we respond more quickly to our customers in the north of the country and position ourselves in the market as your dependable supplier.
- 2014** **Serviacero Especiales** opened a new service center, located in the city of Monterrey, Nuevo Leon. In this way the company extends its presence in the North of the country. Offering its clients various products and services with the quality and professionalism that has always characterized us.
- 2016** "**Serviacero Electroforjados**" starts operations. They offer the highest quality in electro-forged welded products along with the highest technology.
- 2017** "**Serviacero Comercial**" adds the service of slitter cutting at the Distribution Center. Cutting capacity of up to 31 simultaneous slits.
- 2019** Grand opening of the new **Serviacero Electroforjados** plant, the largest one in Latin America.



Leon, Gto. Plant

Introduction

Exceptional Quality and Unmatched Precision

We excel in the tubular steel industry due to our unwavering dedication to continuous improvement and our relentless pursuit of advanced solutions for our clients. Each product we offer is the culmination of a meticulous process that integrates cutting-edge technology and stringent quality standards. Our commitment to excellence ensures that we consistently deliver superior products that meet and exceed the highest expectations in the industry.

Through our advanced manufacturing processes and a keen focus on innovation, we are able to provide our customers with reliable and durable solutions tailored to their specific needs. Our team of experts works tirelessly to refine and enhance our products, ensuring that we remain at the forefront of the industry. Whether it's for demanding industrial applications or specialized requirements, our tubular steel products embody the perfect blend of strength, precision, and quality.



Tubing Shapes



Square Tubing

Crafted from...

Hot, cold, or galvanized steel, adhering to the specifications set forth by ASTM A-500 and A-513 standards. This versatile profile is extensively utilized in the construction sector for outdoor projects and in ironwork applications, including doors, lintels, and windows. Additionally, it is a preferred choice in the manufacturing industry for constructing metal structures. Its lightweight nature, even weight distribution, and broad range of dimensions make it a highly adaptable steel profile suitable for a variety of project needs.



Rectangular Tubing

Crafted from...

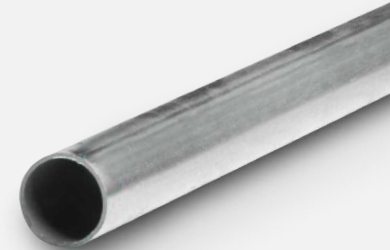
Hot, cold, or galvanized steel, adhering to ASTM A-500 and A-513 standards. This versatile profile is widely used in the construction industry for structural facades, ironwork projects, doors, and windows. Additionally, it finds applications in the agricultural sector for greenhouse structures and in manufacturing for trailer frameworks. Its lightweight design and flexibility in dimensions, thicknesses, and lengths make it a preferred choice for diverse applications across various industries.



Round Tubing

Crafted from...

Hot, cold, or galvanized steel, adhering to ASTM A-500 and A-513 standards. This versatile tube is well-suited for a variety of industrial and commercial applications, including scaffolding, livestock enclosures, fences, supports, decorative elements, stairs, and building structures. Its flexibility in dimensions, thicknesses, and lengths makes it an ideal choice for diverse project needs.



We utilize eddy current on-line testing and non-destructive testing to ensure welding quality. Additionally, destructive tests are performed to guarantee mechanical properties, ensuring our products meet the highest standards of reliability and performance.

Characteristics:

- High frequency welding.
- Galvanized and aluminized seam metallizing.



Shape	Size (In)	Thickness (In)	Lenght (In)
Round	0.625"-6.625"	0.359" - 0.2800"	119" - 500**
Square	0.500" x 0.500" 5.000" x 5.000"	0.359" - 0.2500"	119" - 500**
Rectangular	1.000" x 0.500" 8.000" x 3000"	0.359" - 0.2800"	119" - 500**

*Inquiry from 500" to 540" lengths

Round (in)		Rectangular (in)		Square (in)	
Description	Thickness	Description	Thickness	Description	Thickness
0.625"	0.0359-0.0747	1" x 0.5"	0.0478-0.0598	0.5" x 0.5"	0.0359-0.0478
0.75"	0.0359-0.0747	1.5" x 0.5"	0.0359-0.1196	0.625" x 0.625"	0.0359-0.0598
1"	0.0359-0.0747	1.25" x 0.75"	0.0359-0.1196	0.75" x 0.75"	0.0478-0.0747
1.050"	0.0359-0.1046	1.75" x 0.75"	0.0359-0.1196	1" x 1"	0.0359-0.1196
1.125"	0.0359-0.0747	1.5" x 1"	0.0359-0.1196	1.25" x 1.25"	0.0359-0.1196
1.250"	0.0359-0.1196	2" x 1"	0.0359-0.1196	1.5" x 1.5"	0.0359-0.1196
1.315"	0.0359-0.0747	2.25" x 0.75"	0.0359-0.1196	2" x 2"	0.0359-0.2500
1.375"	0.0359-0.0897	2.75" x 1"	0.0359-0.1196	2.5" x 2.5"	0.0478-0.2500
1.500"	0.0359-0.1196	2.5" x 1.25"	0.0359-0.1196	3" x 3"	0.0747-0.2500
1.625"	0.0359-0.0897	3" x 1"	0.0359-0.2500	3.5" x 3.5"	0.0747-0.2800
1.66"	0.0359-0.1196	2.5" x 1.5"	0.0359-0.2500	4" x 4"	0.0747-0.2800
1.75"	0.0359-0.0897	3" x 2"	0.0478-0.2500	4.5" x 4.5"	0.0747-0.2800
1.875"	0.0359-0.1196	4" x 2"	0.0747-0.2500	5" x 5"	0.1196-0.2800
2"	0.0359-0.0897	4" x 3"	0.0747-0.2800		
2.375"	0.0359-0.1196	5" x 2"	0.0747-0.2800		
2.5"	0.0359-0.2500	6" x 2"	0.0747-0.2800		
2.875"	0.0747-0.2500	5" x 3"	0.0747-0.2800		
3"	0.0478-0.1046	6" x 3"	0.1046-0.2800		
3.5"	0.0747-0.2800	6" x 4"	0.1196-0.2800		
4.5"	0.0747-0.2800	8" x 2"	0.1196-0.2800		
6.625"	0.1196-0.2800	8" x 3"	0.1196-0.2800		

Elliptical (In)	
Description	Thickness
0.767" x 1.210"	0.0359-0.0747

ASTM A500
ASTM A513
ASTM A787

Mill Rolling Capacities



		0.750"	1.000"	1.050"	1.250"	1.315"	1.375"	1.500"	1.625"	1.660"	1.750"	1.875"	2.000"	2.375"	2.500"	2.875"	3.000"	3.500"	4.500"	6.625"
18 Gauge Thickness: .0478"	Pieces per bundle	352	169	169	127	127	127	91	91	61	61	61	61	61	37		37			
16 Gauge Thickness: .0598"	Pieces per bundle	352	169	169	127	127	127	91	91	61	61	61	61	61	37		37			
14 Gauge Thickness: .0747"	Pieces per bundle	352	169	169	91	127	127	91	91	61	61	61	61	61	37	37	37	19	19	
13 Gauge Thickness: .0897"	Pieces per bundle	352	169	169	91	127	127	91	91	61	61	61	61	37	37	37	37	19	19	
12 Gauge Thickness: .1046"	Pieces per bundle			169	91	127		91		61		61		37	37	37	37	19	19	
11 Gauge Thickness: .1196"	Pieces per bundle			169	91	127		91		61		61		37	37	37		19	19	7
1/8 Wall Thickness: .1250"	Pieces per bundle									61					37	37		19	19	7
10 Gauge Thickness: .1345"	Pieces per bundle									61					37	37		19	19	7
9 Gauge Thickness: .1495"	Pieces per bundle														37	37		19	19	7
7 Gauge Thickness: .1793"	Pieces per bundle														37	37		19	19	7
3/16 Wall Thickness: .1875"	Pieces per bundle														37	37		19	19	7
6 Gauge Thickness: .2030"	Pieces per bundle														37	37		19	19	7
5 Gauge Thickness: .2100"	Pieces per bundle														37	37		19	19	7
4 Gauge Thickness: .2370"	Pieces per bundle														37	37		19	19	7
1/4 Wall Thickness: .2500"	Pieces per bundle														37	37		19	19	7
0.28" Wall Thickness: .2800"	Pieces per bundle																	19	19	7

Square Tubing

		0.625" X 0.625"	0.75" X 0.75"	1" X 1"	1.250" X 1.250"	1.5" X 1.5"	2" X 2"	2.5" X 2.5"	3" X 3"	3.5" X 3.5"	4" X 4"	4.5" X 4.5"	5" X 5"
18 Gauge Thickness: .0478"	Pieces per bundle	324	196	121	100	81	49	49					
16 Gauge Thickness: .0598"	Pieces per bundle	324	196	121	81	81	49	49					
14 Gauge Thickness: .0747"	Pieces per bundle		196	121	81	81	49	36	35	30	25		
13 Gauge Thickness: .0897"	Pieces per bundle			100	81	81	49	36	35	30	25		
12 Gauge Thickness: .1046"	Pieces per bundle			100	81	64	49	36	28	30	25	12	
11 Gauge Thickness: .1196"	Pieces per bundle			100	81	64	49	36	28	24	25	12	12
1/8 Wall Thickness: .1250"	Pieces per bundle						40	36	28	24	25	12	12
10 Gauge Thickness: .1345"	Pieces per bundle						40	36	28	24	25	12	12
9 Gauge Thickness: .1495"	Pieces per bundle						40	30	28	24	20	12	12
7 Gauge Thickness: .1793"	Pieces per bundle						40	30	21	24	15	12	12
3/16 Wall Thickness: .1875"	Pieces per bundle						40	30	21	24	15	12	12
1/4 Wall Thickness: .2500"	Pieces per bundle						40	27	21	24	15	12	12
0.28 Wall Thickness: .2800"	Pieces per bundle								24	15	12	12	



Rectangular Tubing

		1" x 0.5"	1.25" x 0.75"	1.5" x 0.5"	1.5" x 1"	1.75" x 0.75"	2" x 1"	2.25" x 0.75"	2.5" x 1.25"	2.75" x 1"	2.5" x 1.5"	3" x 1"	3" x 2"	4" x 2"	4" x 3"	5" x 3"	6" x 2"	6" x 3"	6" x 4"	8" x 3"		
18 Gauge Thickness: .0478"	Pcs per bundle	180	104	192	150	136	91	108	50	55	60	50	25									
16 Gauge Thickness: .0598"	Pcs per bundle	180	96	140	96	112	91	108	50	55	60	50	40									
14 Gauge Thickness: .0747"	Pcs per bundle	180	96	140	96	112	91	108	50	55	60	50	40	35	25	16	15					
13 Gauge Thickness: .0897"	Pcs per bundle		96	140	70	112	91	108	50	55	55	50	40	30	25	16	15					
12 Gauge Thickness: .1046"	Pcs per bundle		96	140	70	112	72	108	50	55	55	50	40	30	25	16	15	15				
11 Gauge Thickness: .1196"	Pcs per bundle		96	140	70	112	63	108	50	55	48	50	40	30	15	16	15	15	12	12		
1/8 Wall Thickness: .1250"	Pcs per bundle										48	50	28	30	15	16	15	15	12	12		
10 Gauge Thickness: .1345"	Pcs per bundle										40	40	40	25	15	16	15	15	12	12		
9 Gauge Thickness: .1495"	Pcs per bundle										40	40	28	25	15	16	15	15	12	12		
7 Gauge Thickness: .1793"	Pcs per bundle										40	40	28	20	15	16	15	15	12	12		
3/16 Wall Thickness: .1875"	Pcs per bundle										40	40	28	20	15	16	15	15	12	12		
1/4 Wall Thickness: .2500"	Pcs per bundle										40	40	28	20	15	16	15	15	12	12		
0.28" Wall Thickness: .2800"	Pcs per bundle																15	16	15	15	12	12



Cut to Length

Our custom cutting service provides the flexibility to manufacture materials in lengths that deviate from standard dimensions to suit your project's specific needs. We can produce lengths ranging from 20mm up to 4,600mm. This type of cutting is widely recognized in the metallurgical sector and is utilized across various industries, including the manufacturing of trailer parts and scaffolding fabrication, among others



Processing Capabilities		
Characteristics	Description	
Material	Hot Rolled, Hot Rolled Pickled & Oiled, Cold Rolled, Galvanized And Aluminized.	
Thickness	0.0239" - 0.1345"	
Tube Length	Length	Tolerance
	20 / 4600 mm	-1 / +1 mm
Dimensions	Round	4" Max.
	Square	3" x 3" Max.
	Rectangular	4" x 3" Max.
*HSS can be cut under special request		

Tube Bending

Our service specializes in bending pieces into intricate three-dimensional shapes, enabling manipulation and modifications based on specific angles and positions. This capability can be applied to all of our steel tubing, including square, rectangular, and round tubing, tailored to meet your unique requirements. Utilizing our advanced 3D simulation software, we can conduct feasibility analyses without the need for tooling acquisition or physical testing.



Processing Capabilities		
Characteristics	Description	
Material	Hot Rolled, Hot Rolled Pickled & Oiled, Cold Rolled, Galvanized And Aluminized.	
Utilcenter length of the matrix	2060 mm	
Maximum radius of curvature	270 mm	
Minimum internal radius of curvature	45 mm	
Dimensions	Round	Ø 3.5" Max.
	Square	3" x 3" Max.
	Rectangular	2" x 3" Max.
*Under special request only		

Laser Cutting

Our laser cutting service offers high-precision metal cutting and the ability to engrave intricate patterns and shapes on square, rectangular, and round tubing. One of its key features is the capability to operate at varying speeds depending on the material thickness. The process is fully automated, requiring minimal operator intervention, and preserves the material properties, making it an ideal choice for your specific projects.



Processing Capabilities

Characteristics	Description	
Material	Hot Rolled, Hot Rolled Pickled & Oiled, Cold Rolled, Galvanized And Aluminized.	
Thickness	.0239" – 0.625"	
Capacity	3200 mm – 12000 mm	
Package weight	4 Ton	
Tube Length	Length	Tolerance
	5-12500 mm	-.25 / +.25 mm
Dimensions	Round	14" Max.
	Square	10" x 10" Max.
	Rectangular	11" x 7" Max
	Open profile	Under feasibility analysis*

Exceptional quality and unparalleled precision

We stand out in the tubular steel industry thanks to our dedication to continuous improvement and the constant search for advanced solutions for our customers. Each product we offer is the result of a meticulous process that integrates cutting-edge technology and quality.



We are your reliable supplier

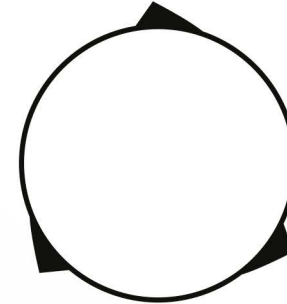
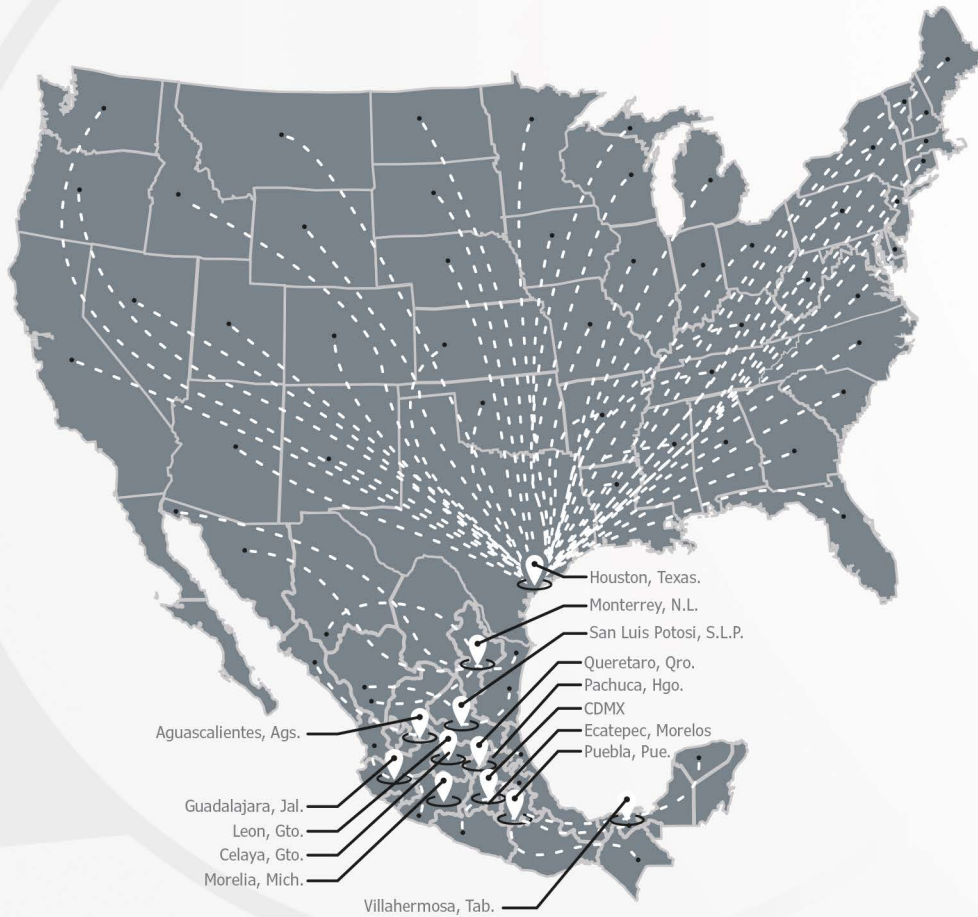
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USA



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We have extensive inventories.

 www.serviacero.com/usa

We proudly introduce our subsidiary companies in Mexico.
We are the most comprehensive group of integrated steel solutions in the country.



Manufacturing and enabling bar gratings for light-duty and heavy duty traffic, perimeter fences and architectural elements.



We specialize in the processing and commercialization of carbon steel for the metalworking industry, equipment manufacturing and construction industries.



Dedicated to the manufacturing and production of tubular products for the Heavy Machinery, Construction, Metal Mechanics, Appliances, Furniture, Greenhouses and Automotive industries.



Dedicated to the commercialization and processing of bars and plates of alloy steels, aluminums, stainless steels, dimensional measuring equipment and engineering plastics.

serviacero®



Dedicated to the commercialization and processing of bars and plates of alloy steels, aluminums, stainless steels, dimensional measuring equipment and engineering plastics.



We specialize in the manufacture of metal components for the industry, through cutting, bending, machining, welding and painting processes.



We design and manufacture solutions of packaging products includes racks, containers, baskets, dollies, pin pallets and assembly for the industry.