



**FERRUMAJA, S.A. de C.V. ®**

**27**  
aniv 1994  
2021

**Manufacturer of the best steel strips and flat bars**

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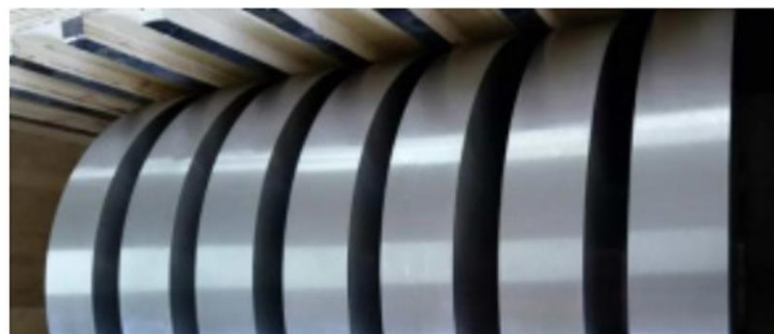
[CONTACT](#)





## **STEEL FLAT BARS AND STRIPS OF THE HIGHEST QUALITY**

Ferrumaja® Flat Bars and Strips Regular  
Ferrumaja® Flat Bars and Strips Structural  
Ferrumaja® Flat Bars and Strips Serrated  
Ferrumaja® Flat Bars and Strips Punched  
Ferrumaja® Flat Bars and Strips Rounded 180°  
Stamping and Punching  
Blanks Production Line



## **MAQUILA SERVICE**

Maquila to Tape Roll Service  
Maquila from Roll to Steel Flat Bars and Strips  
Stainless Steel Maquila  
Blanks Maquila

**DON'T FORGET TO DOWNLOAD OUR PRESENTATION FOR MORE  
INFORMATION**

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**SUPERIOR  
QUALITY**

**YEARS IN THE  
STEEL INDUSTRY**


**+27**

Years offering  
Superior Quality


**+35**

Years in the  
Steel Industry

## **CONTACT**

 **+52 (81) 8351 1900**

 **info@ferrumaja.com.mx**

 **Alley Mezquital 1006 Col. Mezquital, Apodaca, NL, C.P. 66630**

**WE'RE HERE TO SERVE YOU**



**Call us  
+52 (81) 8351 1900**

**Alley Mezquital 1006, Col. Mezquital, Apodaca, N.L. México C.P. 66630**

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**Notice of Privacy  
Quality Policies**

## **ABOUT US**

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Ferrumaja, S.A. de C.V., a Mexican company founded in 1994, is a Manufacturer of High Quality Screeds and Tapes, starting from sheet and / or plate in a Roll, offering at the same time the manufacture of Stamping and Die-cutting. Distinguishing itself from the competition, it has established itself as a Leader in Solera Manufacturing, thanks to its Superior Quality, Service and Flexibility in its Operation processes.

Present in the Commercial, Industrial, Automotive, White Line and Structuring markets.

We have the ISO 9001: 2015 Certification.

## **MISSION**

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Day by day exceed the expectations of our Clients, offering them the best products on the market at Competitive Price, with Highest Quality and Service.

## **VISION**

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Maintain Leadership in our Market, permanently supported by Our Values.


## **VALUES**


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Excellence  
Integrity  
Respect  
Passion for the Client  
Innovation  
Global Thinking




## OUR STRENGTHS

 Superior Quality in Finished Product

 Variety of Measurements

 Flat Bars and Strips In Roll

 Fast Service Supported in Inventory

 More than 35 years of Experience



## CERTIFICADO DE REGISTRO

Se Certifica que

**FERRUMAJA, S.A. DE C.V**

Callejón del Mezquital 1006, El Mezquital, Apodaca, Nuevo León 66630 México

opera un

**Sistema de Gestión de la Calidad**

cumple con los requisitos de

**ISO 9001:2015**

para el siguiente alcance de certificación

**Fabricación de solera de acero, partiendo de rollo, en diferentes medidas y espesores. Corte de rollo de acero a cinta como insumo para la fabricación de solera y estampados metálicos**

No. de Certificado: CERT-0123721

Fecha de Certificación Original: 13 Noviembre 2015

No. de Cliente: 1667369

Fecha de Certificación Actual: 7 Septiembre 2018

Fecha de Emisión: 10 Septiembre 2018

Fecha de Vencimiento: 6 Septiembre 2021

Kevin Goodwin  
Gerente General de Servicios Técnicos  
SAI Global Assurance



ISO 9001



Registrado por:  
SAI Global Limited, 30 Cannon Court, Suite 200, Toronto, Ontario M5M 1Y6 Canada (SAI GLOBAL).  
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## ACKNOWLEDGMENTS



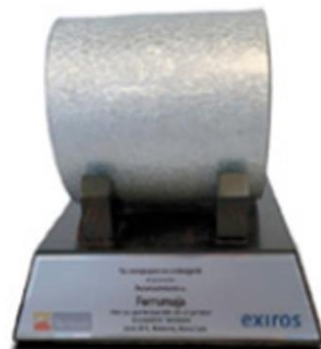
SUPPLIER OF THE YEAR  
**2015**



SUPPLIER OF THE YEAR  
**2017**



SUPPLIER OF THE YEAR  
**2018**



Alley Mezquital 1006, Col. Mezquital, Apodaca, N.L. México C.P. 66630

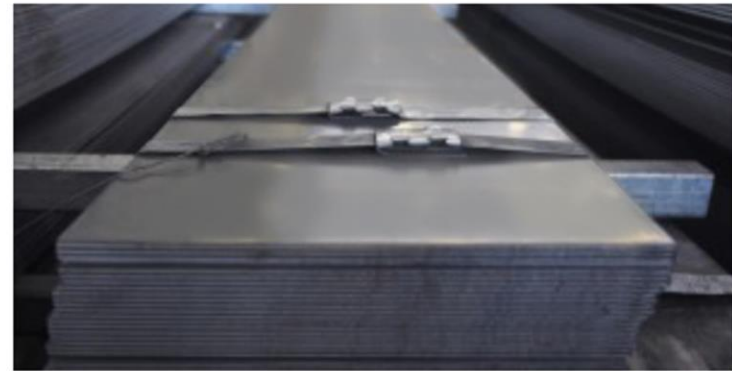
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# SOLERAS

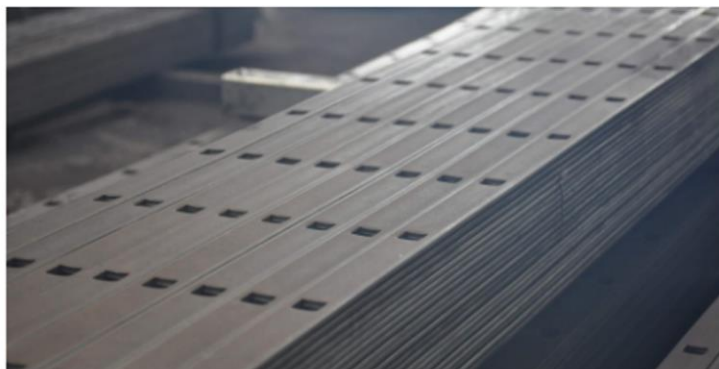
Partiendo de lámina y/o placa en rollo, Ferrumaja fabrica exclusivamente soleras de la más alta calidad, ya que se manufactura el producto bajo estrictos métodos de control, tales como la verificación de espesor, ancho, largo y camber, así como, la rastreabilidad de las materias primas utilizadas y sus procesos, siguiendo los estándares establecidos por la Norma ISO 9001:2015. Todo el acero procesado en Ferrumaja cuenta con Certificados de Calidad que amparan su espesor, composición química y grado de acero.



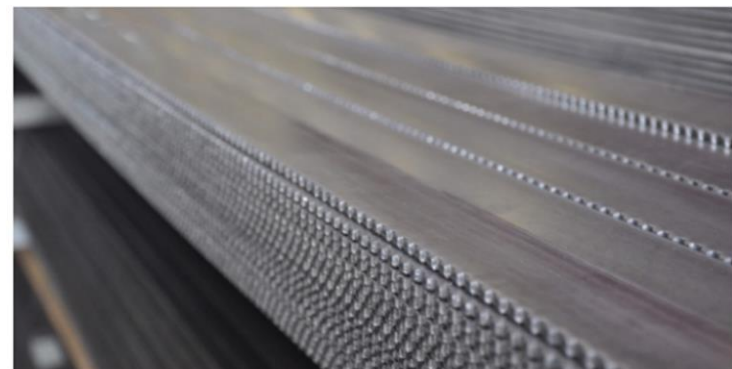
**Ferrumaja® Flat Bars and Strips  
Regular**



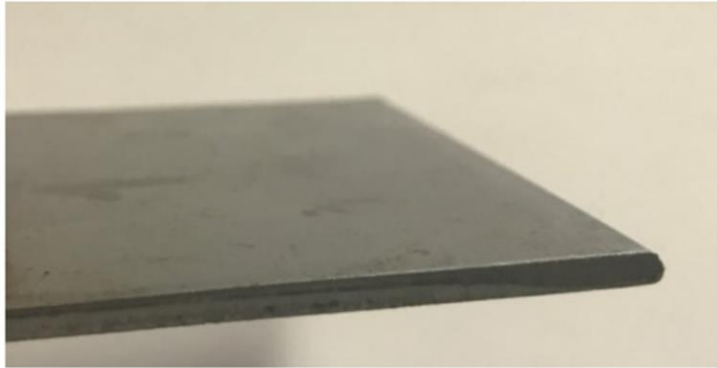
**Ferrumaja® Flat Bars and Strips  
Structural**



**Ferrumaja® Flat Bars and Strips  
Serrated**



**Ferrumaja® Flat Bars and Strips  
Punched**



**Ferrumaja® Flat Bars and Strips  
Rounded 180°**



**Stamping and Punching**



**Blanks Line**



# FERRUMAJA FLAT BARS AND STRIPS REGULAR

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Product that allowed us to position ourselves in the Market, due to its High Quality.

**Steel type:** 1008,1010,1011, and/or TER-3028

**Commercial width:** From 1/2" to 12"

**Caliber:** 14, 12 y 10.

**Thickness:** 1/8", 3/16" y 1/4"

**Length:** From 3 to 12 meters

**Uses:** Blacksmithing, Craftsmanship, Furniture, Construction, Protectors, etc.

They can be manufactured to order, special widths and lengths, according to the Client's requirements.



## Weight Table

<b>FLAT BAR/STRIP WEIGHT PER LINEAL METER AND PIECE (6.1MTS)</b>							
<b>Width</b>		<b>kg/meter</b>			<b>kg/piece</b>		
inch	mm	1/8	3/16	1/4	1/8	3/16	1/4
1/2"	12.70	0.317	0.476	0.634	1.934	2.904	3.867
5/8"	15.88	0.400	0.598	0.800	2.440	3.648	4.880
3/4"	19.10	0.476	0.714	0.952	2.904	4.355	5.807
1"	25.40	0.633	0.950	1.266	3.861	5.795	7.723
1 1/4"	31.80	0.790	1.185	1.580	4.819	7.229	9.638
1 1/2"	38.10	0.950	1.425	1.900	5.795	8.693	11.590
2"	50.80	1.266	1.899	2.532	7.723	11.584	15.445
2 1/2"	63.50	1.583	2.375	3.166	9.656	14.488	19.313
3"	76.20	1.899	2.849	3.798	11.584	17.379	23.168
4"	101.60	2.532	3.798	5.064	15.445	23.168	30.890
5"	127.00	3.165	4.748	6.330	19.307	28.963	38.613
6"	152.40	3.798	5.697	7.596	23.168	34.752	46.336
8"	203.20	5.064	7.596	10.128	30.890	46.336	61.781
10"	254.00	6.330	9.495	12.660	38.613	57.920	77.226
12"	304.80	7.596	11.394	15.192	46.336	69.503	92.671

Tolerance (+/- 150grs approx per piece)

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# COMMON DIFFERENCES BETWEEN FLAT BARS AND STRIPS OF MILL Y FLAT BARS AND STRIPS FROM SLITTER FERRUMAJA

## COMMON DIFFERENCES BETWEEN FLAT BARS AND STRIPS OF MILL Y FLAT BARS AND STRIPS FROM SLITTER FERRUMAJA





### Common Problems of Flat Bar and Strips Mill

- Generally the actual weight is greater than the theoretical weight (+ 3%)
- When making figures, the residual scale of the product is detached in the bends.
- Solder penetrates after 2 or 3 attempts.
- To be able to paint, sanding or polishing is required beforehand to prevent the detachment of the paint due to excess mineral on the surface.

### Advantages of Ferrumaja Slitter Flat Bars & strips

- Starting from calibrated foil rolls, a real weight equal to the theoretical one is ensured.
- The roll of foil does not emit the residual scale of the product.
- The alloy of our steel allows a more effective welding.
- No polishing or sanding is required as there is no excess mineral on the surface as it is hot rolled sheet.

## ADDITIONAL BENEFITS

-  Uniform thickness, finish and width that gives a better appearance
-  Straight and no-sharp-edges flat bars/strips, without bending nor “husk”
-  Totally usable flat bar/strip; it is common in mill flat bars to have some unusable sections and/or very hard ones
-  Totally malleable flat bar that allows the user to work with more efficiency

# FERRUMAJA FLAT BARS AND STRIPS STRUCTURAL

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Ideal for the manufacture of metal structures, replacing the plate and that the hearth is cut to the required width and length, thus saving processes and raw materials (less waste).

**Steel type:** A-36, H50 y 55, TER-3028.

**Commercial widths:** From 2" to 12"

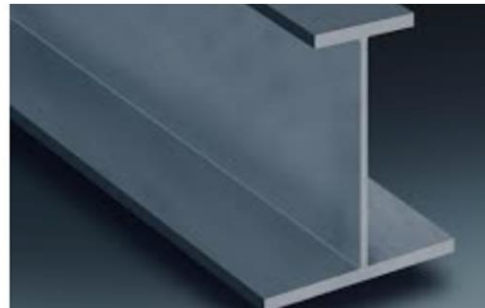
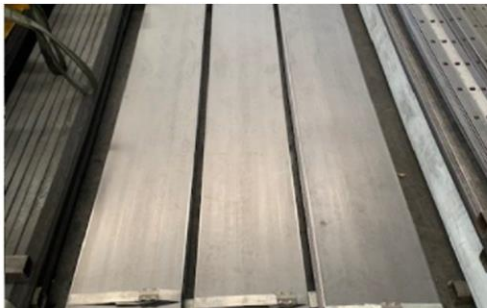
**Thickness:** 1/8", 3/16" and 1/4"

**Length:** From 3 to 12 meters

**Uses:** BEAMS IPR, Structures, Construction, Architectural Views, Spring Support, Railway Wagons, Ships, etc.



Special Requirements on Thicknesses, Lengths & Widths may be processed according to Customer's specifications.



## Weight Table

<b>FLAT BAR/STRIP WEIGHT PER LINEAL METER AND PIECE (6.1MTS)</b>							
<b>Width</b>		<b>kg/meter</b>			<b>kg/piece</b>		
inch	mm	1/8	3/16	1/4	1/8	3/16	1/4
2"	50.80	1.266	1.899	2.532	7.723	11.584	15.445
2 1/2"	63.50	1.583	2.375	3.166	9.656	14.488	19.313
3"	76.20	1.899	2.849	3.798	11.584	17.379	23.168
4"	101.60	2.532	3.798	5.064	15.445	23.168	30.890
5"	127.00	3.165	4.748	6.330	19.307	28.963	38.613
6"	152.40	3.798	5.697	7.596	23.168	34.752	46.336
8"	203.20	5.064	7.596	10.128	30.890	46.336	61.781
10"	254.00	6.330	9.495	12.660	38.613	57.920	77.226
12"	304.80	7.596	11.394	15.192	46.336	69.503	92.671

Tolerance (+/- 150grs approx per piece)

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# FERRUMAJA FLAT BARS AND STRIPS PUNCHED

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It allows to simplify the blacksmith's processes by obtaining a product ready for the installation of squares or rounds typically used in Protectors and / or Handrails, offering its Clients a Product with added value.

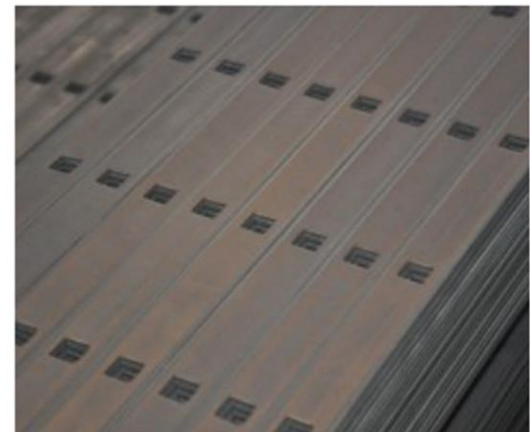
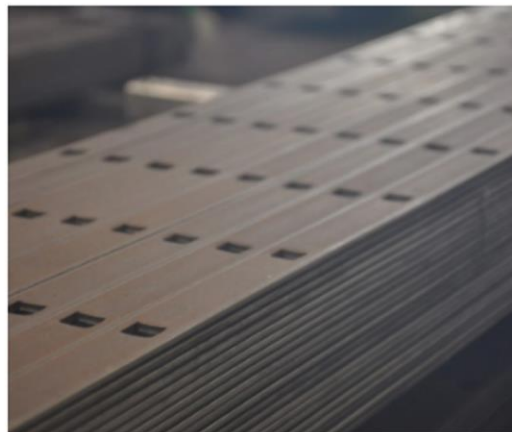
**Flat Bars And Strips Punched:** With 1/2 "or 5/8" hole

**Width:** 1 1/4" y 1 1/2"

**Thickness:** 3/16"

**Punches:** Round or Square with distance between perforations of 12, 14 and 16 cm.

**Uses:** Railings, Window Protectors, etc.



## Weight Table

<b>WEIGHT FLAT BARS AND STRIPS PUNCHED PER PIECE, SPACING OF 12 CM BETWEEN HOLES</b>							
<b>Width</b>		<b>thickness</b>	<b>length</b>	<b>kg/piece</b>		<b>kg/piece</b>	
inch	mm	inch	meters	RED. 1/2"	CUAD. 1/2"	RED. 5/8"	CUAD. 5/8
1 1/4"	31.80	3/16"	3.00	3.200	3.200	3.200	3.200
1 1/2"	38.10	3/16"	3.00	3.848	3.848	3.848	3.848

Tolerance (+/- 150grs approx per piece)

**NOTE:** For Flat Bars and Strips with 14 and 16 spacing, the minimum is 2,000 kilos

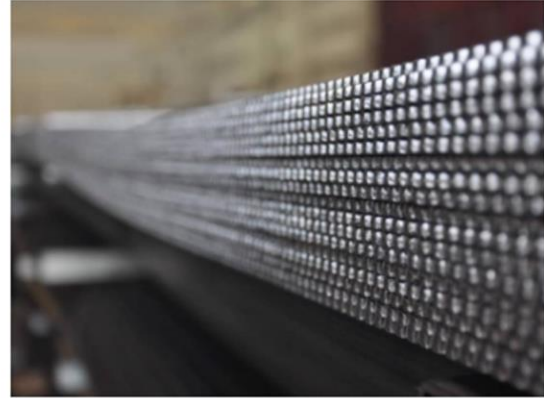


# FERRUMAJA FLAT BARS AND STRIPS SERRATED

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Developed and Patented by Ferrumaja, it allows the user to avoid the stamping and punching process of the Flat Bar and Strips and consequently no steel waste is generated.

The Ferrumaja Flat Bars And Strips Serrated it is a unique product on the market that offers functionality and aesthetic beauty in its applications.



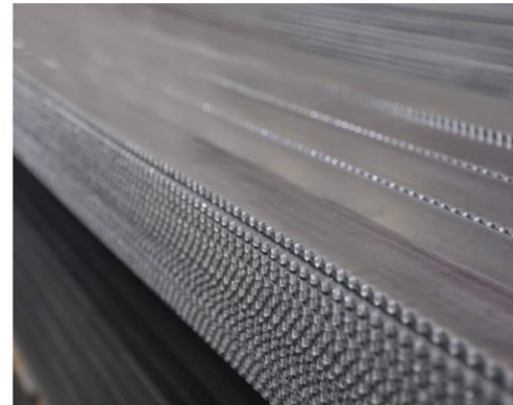
**Steel type:** 1008, 1010, 1011.

**Commercial widths:** From 1" to 4"

**Thickness:** 1/8" y 3/16"

**Length:** From 3 to 12 metters

**Uses:** Non-slip Industrial Floors, Architectural and Blacksmith Designs, etc.



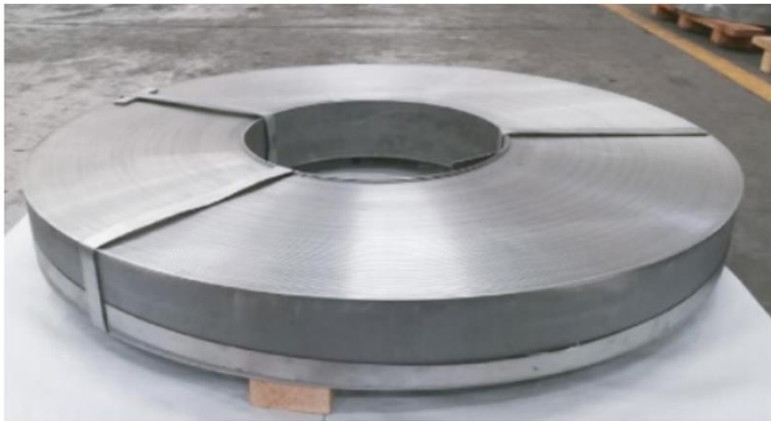
# FERRUMAJA FLAT BARS AND STRIPS ROUNDED 180°

We manufacture Flat Bars and Strips in carbon and stainless steel tape, with 180° rounded edge for the Automotive, Domestic and Stamping and Punching Industries. Product under strict Quality Control verified with Optical Comparator.

**Steel type:** SAE1008, 1010, ASTM1011 and/or TER-3028

**Width:** From 1.000" to 6.000"

**Caliber:** 12 y 10.



# STAMPING AND PUNCHING

as leader in the manufacturing of flat bars and strips, from hot-rolled coils, searching to give a greater value added to its products, started its production lines of stamping and punching within its vertical integration plan in the steel processes. Serving the Industrial, Electrical and Automotive Appliance market.

**Ferrumaja offers its Experience, Quality and Flexibility.**

We have the support of external laboratories for the required approvals in your products. (PPAP, FPA, UL, SA, NOM); we offer various finishes for your pieces. Within the Division of Stamping and Punching, we have:

- Punch Presses
- Capacity of 60 to 250 Tons
- Levelers
- Inspection Quality Laboratory

This Division offers its Clients the competitive advantage of direct supply from the steel manufacturer, thus avoiding intermediaries.



## BLANKS PRODUCTION LINE

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**FERRUMAJA** is distinguished by the innovation of its lines and products, makes **BLANKS** cutting available to you:

**Thickness:** 0.024"(Cal.24) to ¼" (0.250")

**Width:** Of 3.000" to 18.000"

**Length:** From 3.0 metters



## MAQUILA TO TAPE ROLL SERVICE

We have Maquila Services, to Slit ,aster Coils to Slit Coils



## MAQUILA FROM ROLL TO STEEL FLAT BARS AND STRIPS

We have a Flat Bars and Strips as a Coil in Gauge in Commercial Quality and High Resistance, in:

Thicknesses from caliber 12 to 1/4" thick, widths 1/2" to 12", lengths up to 12,000 meters.

