

SIERRA®
MANUFACTURING



SIERRA®
MANUFACTURING
INSERTS MADE TO PERFORM

SIERRA MANUFACTURING INC. Company Profile

SIERRA

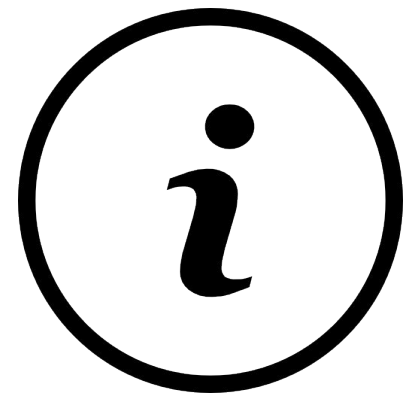
About us



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MANUFACTURING



About us



Sierra Manufacturing is a private, Mexican and family company, which has been in operation since 1995 in San Luis Potosí, Mexico. Our key market is the production of special cutting tools, as well as their resharpener and remanufacturing; providing solutions to the global market, delivering cutting tools of the highest quality, on time and with highly competitive prices.

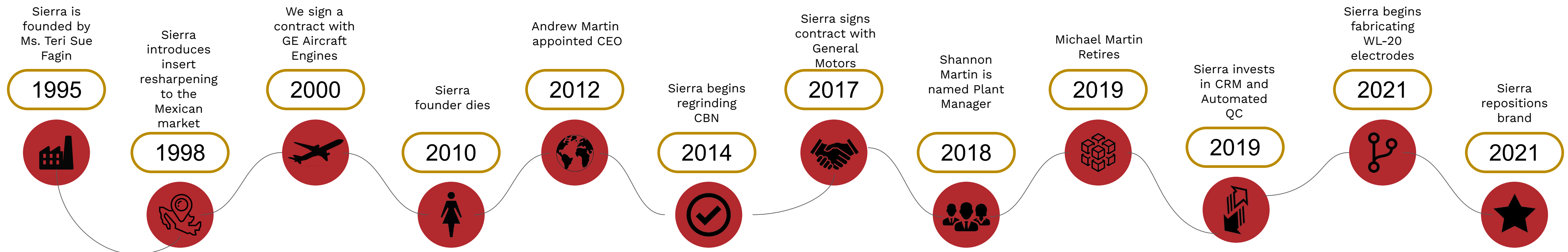
Our key competence lies in the manufacture of special indexable inserts, and the sharpening and remanufacturing thereof, for the largest OEM and Tier 1 manufacturers and suppliers in Mexico.

History of the company

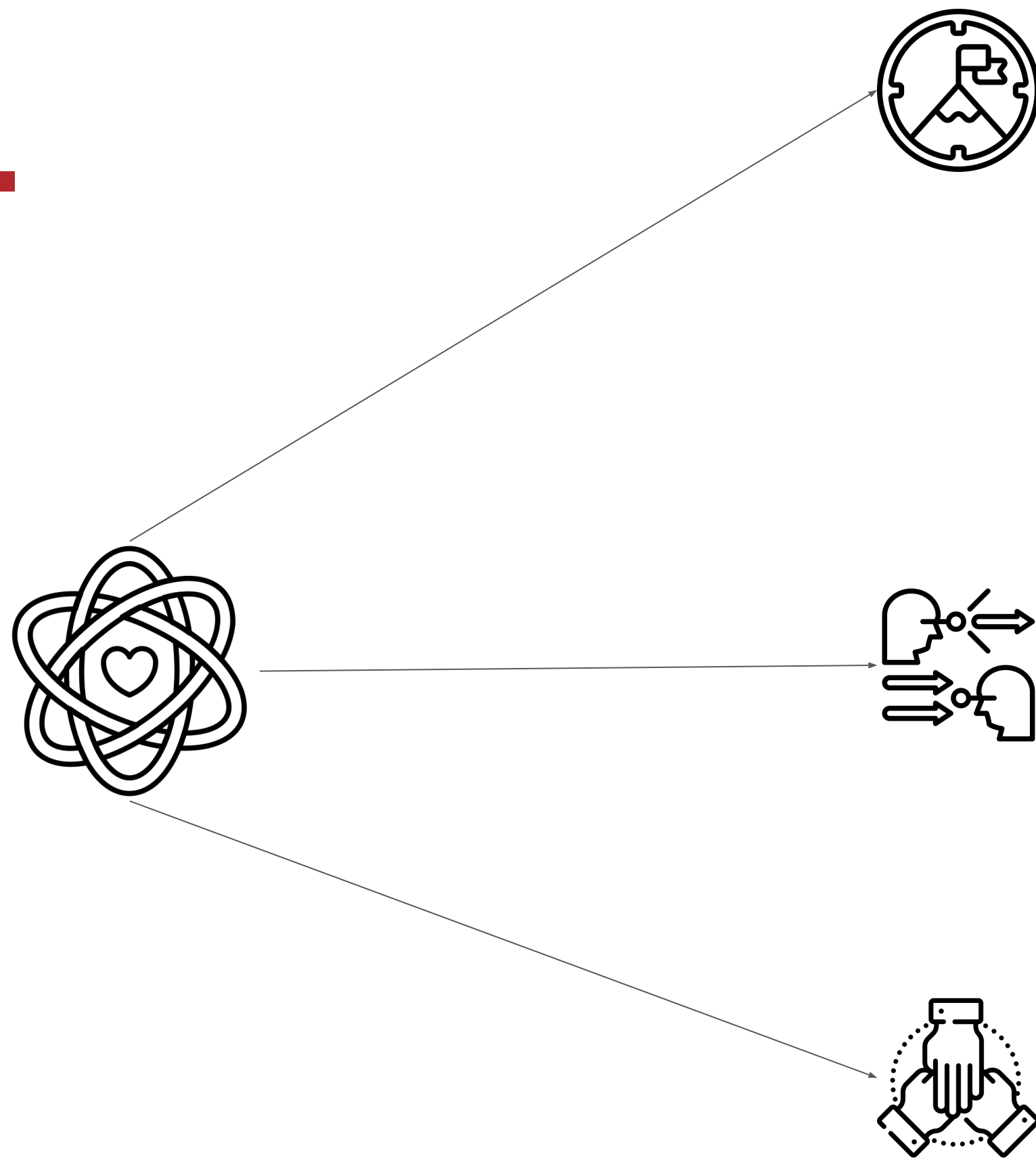


The idea for Sierra Manufacturing arose from the vision of fusing the best practices of the United States with the passion and dedication of an emerging power in the automotive industry in Mexico. In this way, a leader in the manufacture of indexable inserts was created. In 1995, this dream became a reality when it was co-founded by Teri Sue Fagin and Michael Worth Martin, as a strategic response to the NAFTA trade agreement.

Today, the company is owned by his son, Mr. Andrew Michael Martin, who brings his experience in international business and technology, positioning the company for a future focused on manufacturing 4.0. With a legacy rooted in innovation and a focus on excellence, Sierra Manufacturing stands as a pioneer in the industry, committed to leading the way toward 21st century manufacturing.



Mission, vision and values



Mission

Create shared prosperity, growth, and value for its employees and customers through manufacturing excellence, continuous innovation, attention to detail, and customer focus.

Vision

To be the preeminent, high-tech and most productive manufacturer and distributor of specialized indexable cutting tools in Mexico.

Values

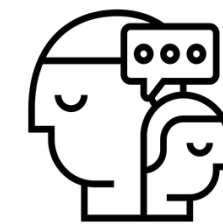
1. Shared Prosperity
2. Mutual Respect
3. Excellence
4. Teamwork
5. Independence

Corporate Philosophy



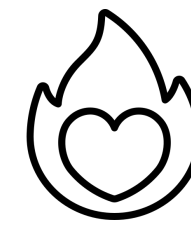
Logic mixed with **passion.**

Inserts made to perform®



Corporate Philosophy

Create shared prosperity, growth, and value for its employees and customers through manufacturing excellence, continuous innovation, attention to detail, and customer focus.



Logic mixed with passion.

Sierra is agile, efficient, effective and at the forefront, with a focus on anticipating the needs of its clients, which is why it is the sum of logic, precision, passion and dedication that results in excellence. Prosperity is shared where the important thing is to achieve growth and value for clients and collaborators.

Sierra Group of Companies

Sierra Manufacturing	Sierra ToolTech	Cielibre
		
The manufacturing arm of the Sierra group of companies.	The resale and distribution arm of the Sierra group of companies.	The financing, rental and investment arm of the Sierra group of companies.
- Special tools - Resharpened - Remanufactured - Cutting Tool Consulting Services	- Standard inserts - Tungsten Carbide MP, Bars and STB - Abrasives - Spare parts	- Machinery - Real estate - Rent - Software

Our Clients

Sierra Manufacturing provides cutting tool solutions to some of the industry's top leaders, spanning crucial sectors such as automotive, aerospace, power generation, mining and many others. Our products and services drive excellence and performance in these cutting-edge industries, allowing our clients to stand out in a competitive market and maintain their position as leaders in their respective fields.



Logic mixed with **passion.**

SIERRA

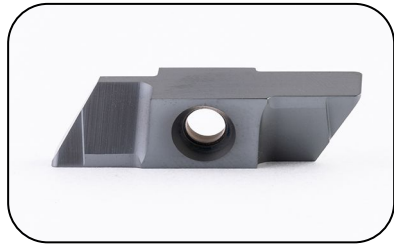
Products and Services

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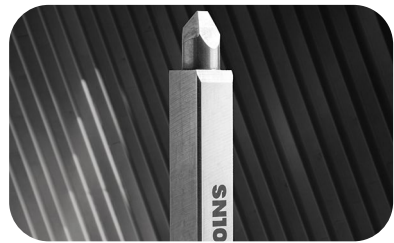


Our Products and Industries

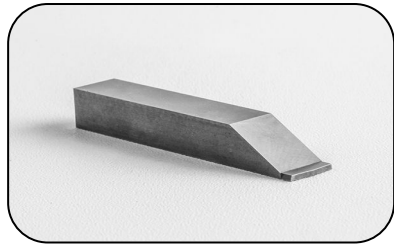
Products



Inserts



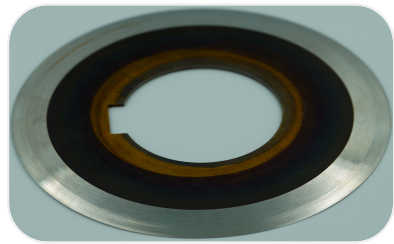
Electrodes



Deburrs

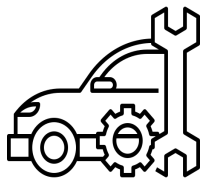


Rhymes

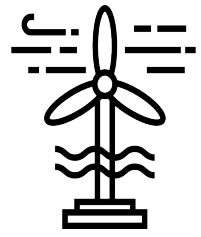


Blades

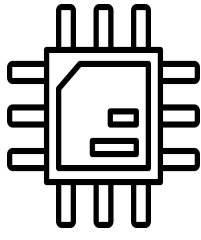
Industries



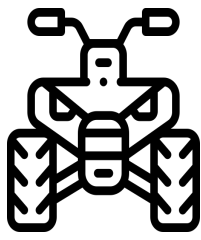
Automotive



Electricity Generation



electronics



Recreation Vehicles



Heavy Machines

Products



Our services

Remanufacturing - We make it possible to reduce costs for tool acquisition and indirect costs through the remanufacturing of indexable inserts.



Resharpening - we facilitate the reuse of inserts through resharpening, preserving original details and even optimizing their operation to achieve greater efficiency in production lines.



SIERRA

Delivering
Unmatched
Value



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Excellence and Savings

Sierra Manufacturing is unmatched in delivering value to customers, thanks to our competitive advantages. Our excellence is reflected in 0 complaints in 2 years, an internal waste rate of less than 3% and a machine uptime of 95%. Our extensive experience of almost 30 years in San Luis Potosí translates into a 0% operator turnover in 2 years. Additionally, we achieved an 83% success rate in testing and an average CPU savings of 45%.

These achievements demonstrate why Sierra Manufacturing is a leader in providing exceptional value to our customers.



Sample Savings Calculator

Monthly customer spending	Year 1 Savings	Year 2 Savings	Year 3 Savings	Year 4 Savings	Year 5 Savings
\$2,500	\$3,262.50	\$6,525	\$9,787.50	\$13,050	\$16,312.50
\$5,000	\$6,525	\$13,050	\$19,575	\$26,100	\$32,625
\$10,000	\$13,050	\$26,100	\$39,150	\$52,200	\$65,250
\$15,000	\$19,575	\$39,150	\$58,725	\$78,300	\$97,875
\$20,000	\$26,100	\$52,200	\$78,300	\$104,400	\$130,500
\$25,000	\$32,625	\$65,250	\$97,875	\$130,500	\$163,125

Assumptions

Cutting tool tests work 83% of the time

Cutting tool testing results in 45% unit cost reduction

The client's monthly spending remains constant for 5 years

⚠ Savings are calculated by multiplying the customer's monthly spend by the percentage of cutting tool tests that work times the percentage cost reduction per unit. Please note that these are estimates only and actual savings may vary depending on a number of factors, such as the specific cutting tools used, the type of products being manufactured, and the customer's overall production process.



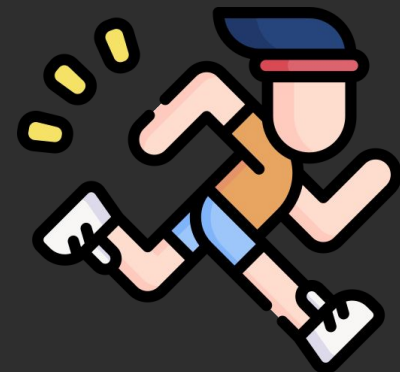
Savings by improving performance

 **30%**



Savings through regrinding

 **fifty%**



Speed to market

 **60%**



Assured quality

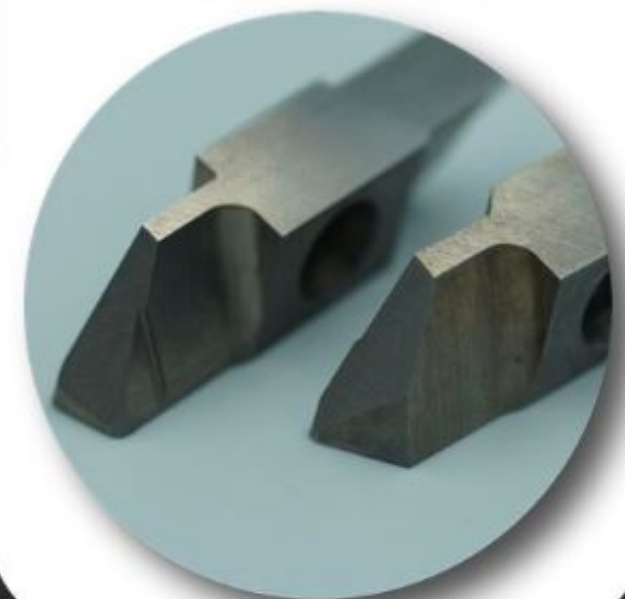
Success Stories

CASO DE ÉXITO



**BIG 3
AUTOMAKER**

HERRAMIENTA



AHORRO ANUAL

\$120,000.00 USD

AUMENTO DE
VIDA ÚTIL

↑ 25%

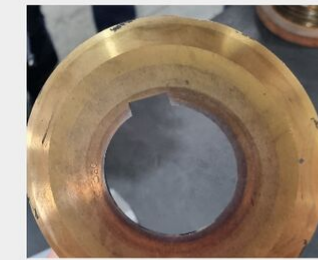


**¡Ya afilamos
Cuchillas HSS!**

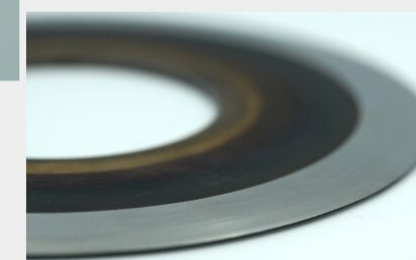
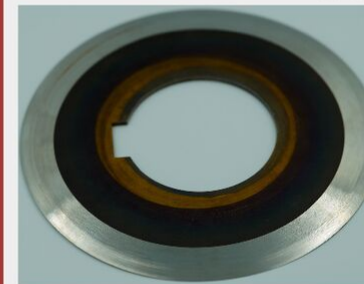
**CUSTOM AUTOMOTIVE
TOOLING**

HERRAMIENTA:

Antes (sin afilar)



Después (afilada)



CASE STUDY



CLIENTE:

Líder Global de motores Tier 1.

HERRAMIENTA:

Antes : Usado.



Después : Afilado.



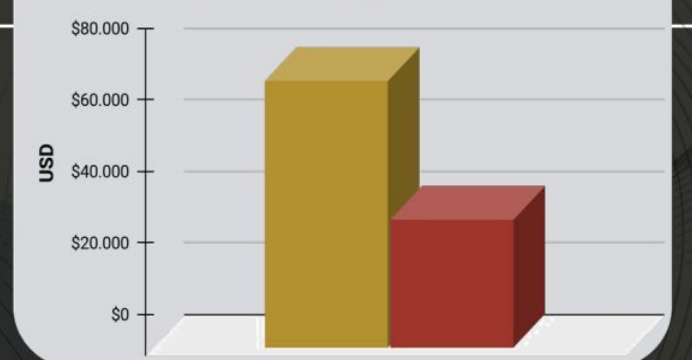
AFILADO CBN

40,000 USD

Ahorro ANUAL

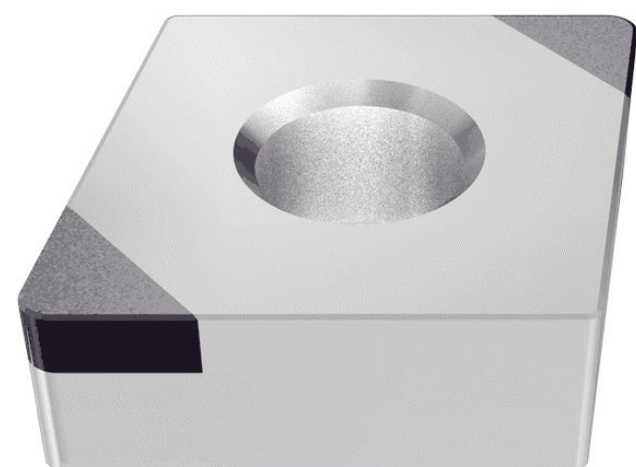
Costo Anual

■ Cliente ■ Sierra

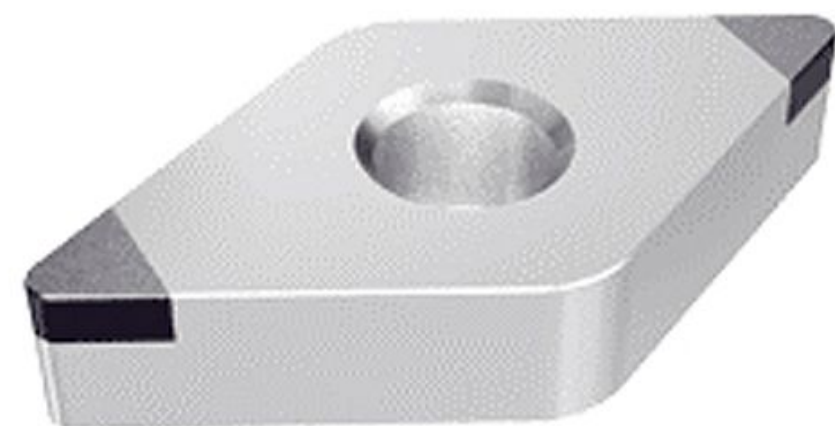


Logic mixed with **passion.**

Success Stories



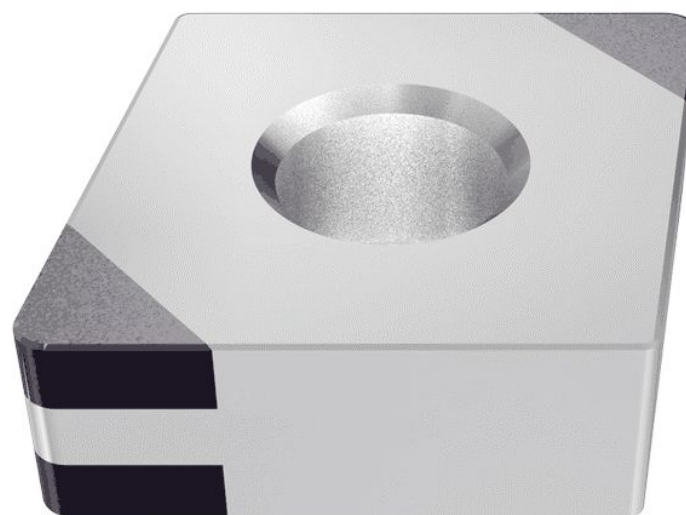
CNGA 432
2 TIPS



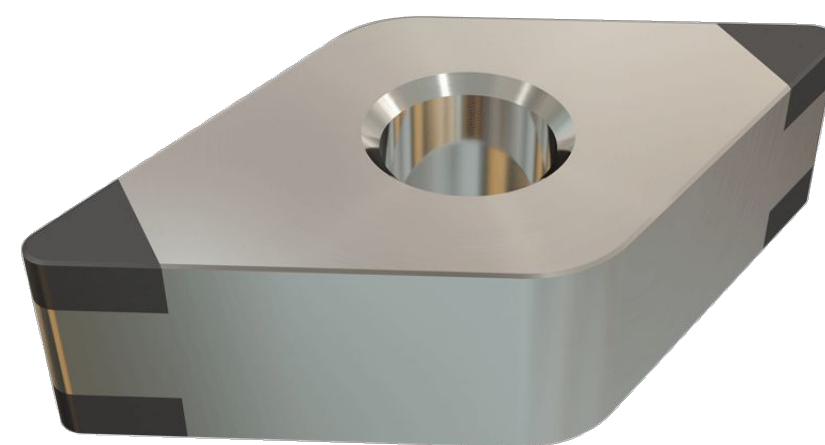
DNGA 432
2 TIPS



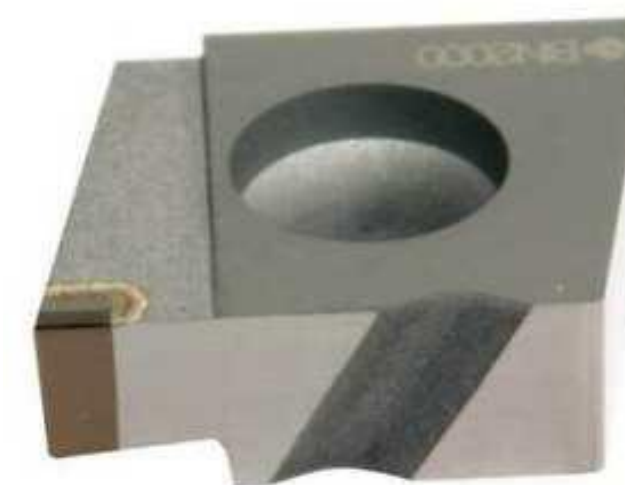
CCGW09T
2 TIPS



CNGA 432
4 TIPS



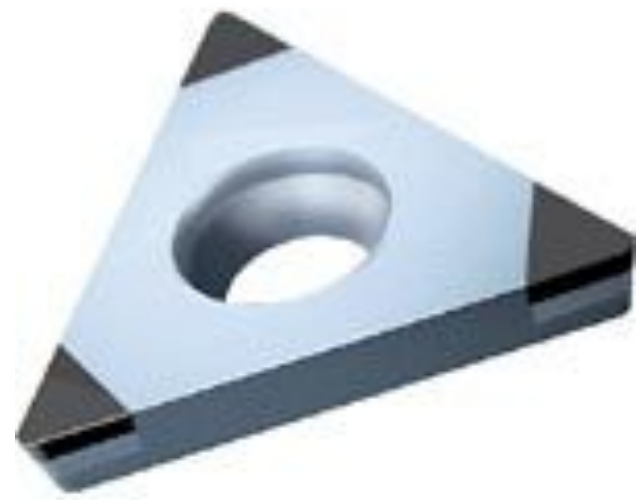
DNGA 432
4 TIPS



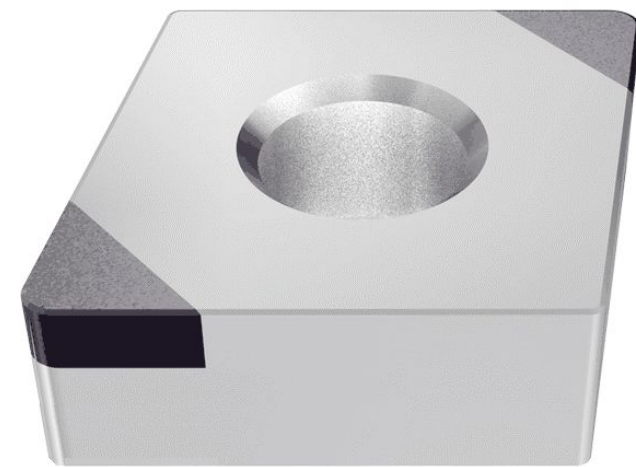
CGAR
SLOT



Success Stories



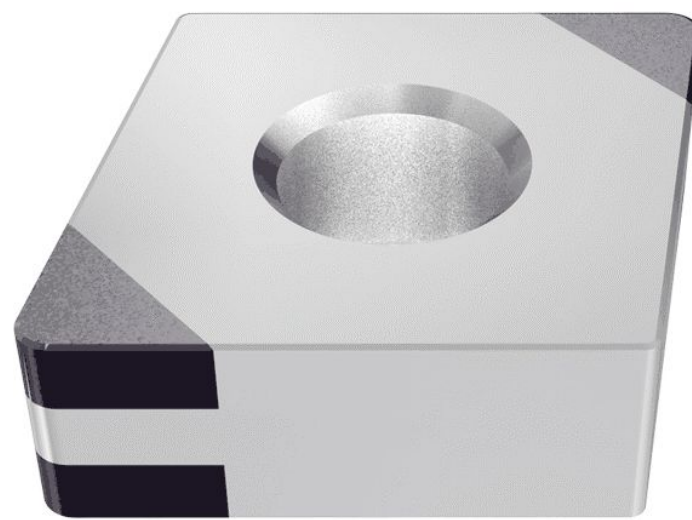
TCGW
3 TIPS



CNGA 435
2 TIPS



CCGW09T
COMPLETE
TIP



CNGA 435
4 TIPS



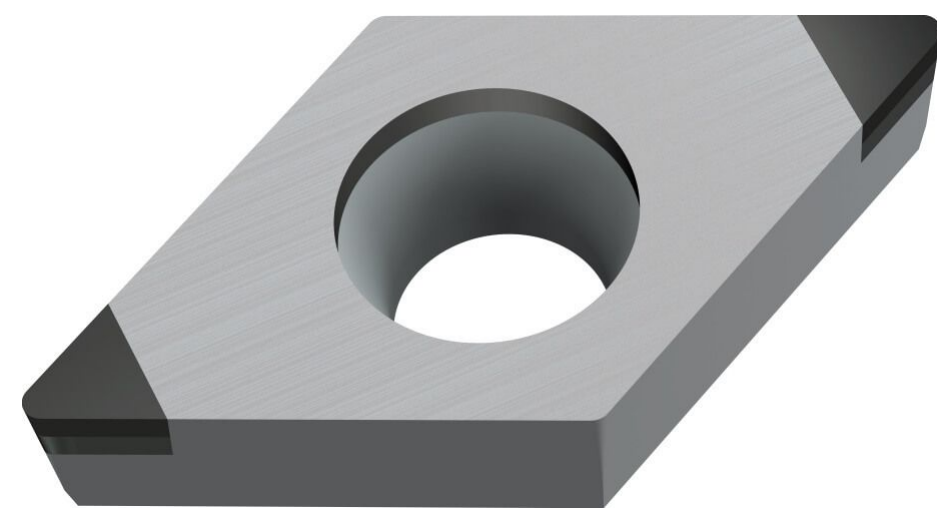
SNM 322
8 TIPS



XW99
CBN



Success Stories



DCGW 2 TIPS
REMANUFACTURED



DCGW 1 TIP
REMANUFACTURED

NG-3L CBN 2 TIPS
REMANUFACTURED



CCGW CBN 2 TIPS
REMANUFACTURED



Success stories



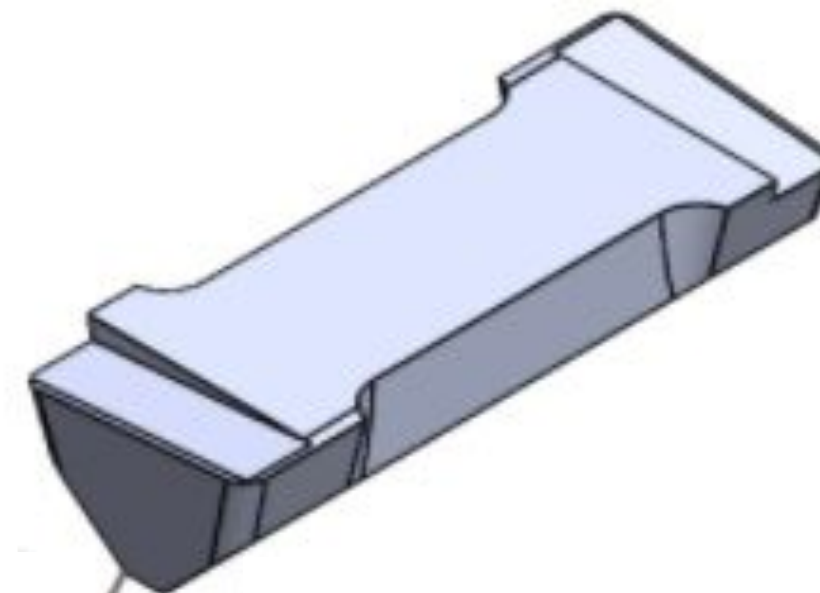
2/806

LXHX CARBURO
AFILADO Y NUEVO



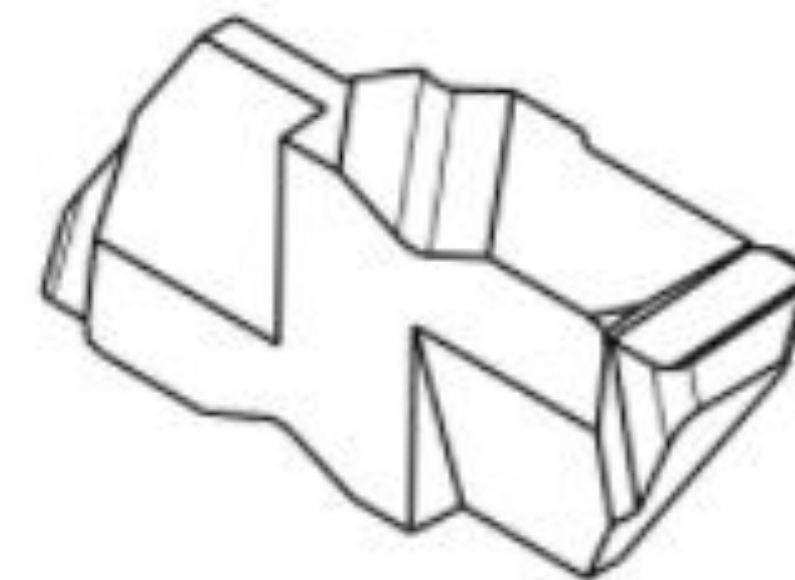
177

DOGBONE

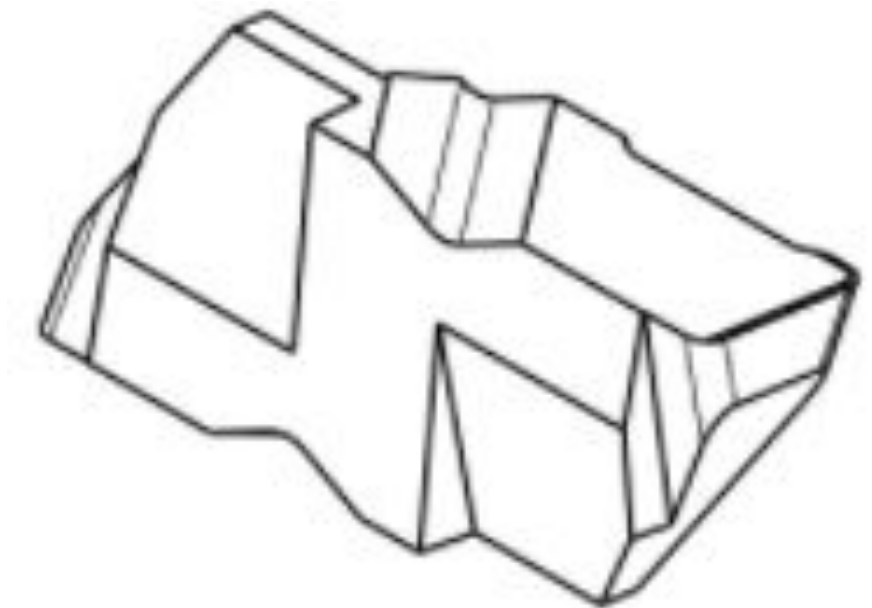


203 /807

TOP NOTCH
CARBURO
AFILADO Y NUEVOS



828



827



KC

Success stories



DEBURBER



SPECIAL INSERTS



ELECTRODES

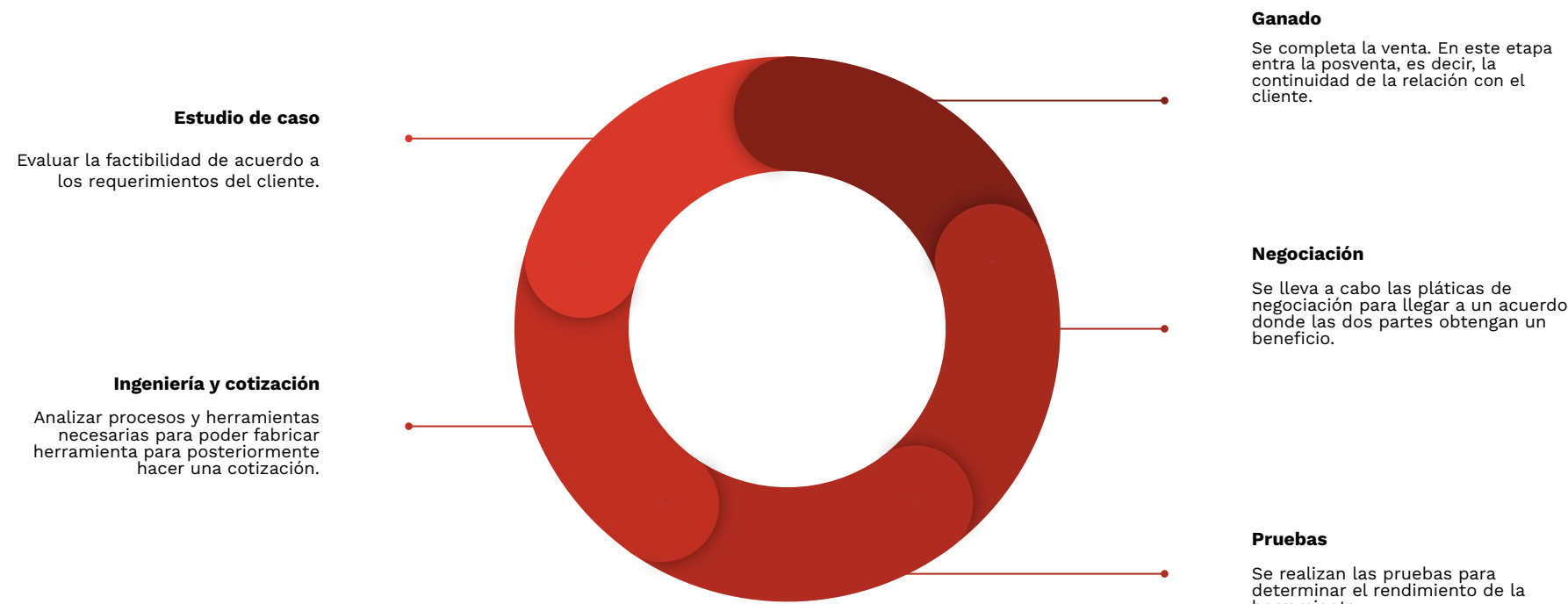
SIERRA

Operational Excellence

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ERP



Choose us as your provider because Odoo ERP allows us to offer a world-class service to our clients

Sierra Manufacturing is synonymous with operational excellence. We are industry leaders thanks to our full-cycle ERP system that allows us to manage customer needs from prospecting to delivery, with full control. Our technology, which includes tablets with precise instructions, guarantees quality and precision in each product.

Our focus on operational excellence and commitment to innovation allows us to maintain high standards. Additionally, each member of our team brings years of experience and an unwavering commitment to excellence to every project we tackle.



Pipeline / Prueba

NEW QUOTATION WON LOST

PROSPECT OPPORTUNITY PROPOSITION TESTING TEST SUCCESSFUL TEST FAILED WON LOST WON

Meeting Quotations

Prueba

Expected Revenue \$0.00 at 10.76 % Probability

Customer ? Andrew Michael Martin

Email

Phone

Salesperson Andrew Michael Martin

Expected Closing ?

Tags ?

Last Action

Next Activity Summary

Next Activity Deadline

BUSINESS CASE

Industry ? Automotive

Region ? Bajo

Product Type ? Inserto Indexable

Tool Material Carburo

New | Regrind | Remanufacture | Resale

Monthly Consumption 500.00

Client Currency USD

Client Price 12.50

Client Tool Life 500.00

Client CPU 0.03

Workpiece Material P - Acero

Sierra Price 11.50

Sierra Tool Life 600.00

Sierra CPU 0.02

Percent Tool Life Δ 0.00

Percent Price Δ 1.00

Insert Failure Mode

➕ Add a Property

[PGMSLP-PT0000599] LXHX 3807 XF 2936.202 Insert PT30A14806: 100.000 /100.000 Units Lot Number: 0000013

WH/MO/00124-Square - RO/00002-B

Pause < Previous Skip >

00:08 VALIDATE

PRINT DIMENSION/SPECIFICATIONS

1.1- 10" X 0" +/- .30"

Measure: 0.0000

deg

Control Document Control ID

Product Code PGMSLP-PT0000599

Blueprint No. S10000556

Routing No. RO/00002-1

QCP No. 102/103

1.1- 10" X 0" +/- .30"

1.2- una medida de 0.480 +/- 0.001"

1.1

1.2

1.1

1.7

0.480 (+0.00/-0.00)

0.200 (+0.00/-0.00)

Forma de checar: Comparador óptico, Micrómetro de 0" a 1"

Nota: Checar centro con micrómetro de Clavo.

3

Manufacturing Orders / WH/MO/00124

SAVE DISCARD

Components	Work Orders	Miscellaneous							
Operation	Work Center	Scheduled Start Date	Expected Duration	Real Durati...	Status				
Planning - RO/00002	Planning	10/07/2021 08:47:12	500:00	00:13	Finished	Block			
Blanchard - RO/00002-B	Blanchard	10/07/2021 08:47:30	182:42	01:19	Finished	Block			
Square - RO/00002-B	Surface Grinder No. 01	10/07/2021 08:48:52	206:40	00:26	In Progress	Start	Block		
Rough - RO/00002-1B	Surface Grinder No. 03	10/07/2021 20:53:10	194:52	00:04	In Progress	Start	Block		

Logic mixed with passion.

Modern and Spacious Floor Plan

At Sierra Manufacturing, we have a modern and spacious plant that allows us to expand our production capacity. We can manufacture thousands of inserts per month and offer direct shipments from our warehouse or direct deliveries to our customers, adapting to their needs efficiently.



Logic mixed with **passion.**

Measurement equipment

At Sierra Manufacturing, we have state-of-the-art measurement equipment, backed by systems and the experience of our employees, to consistently deliver products of exceptional quality. Our cutting-edge measurement capabilities ensure that each product meets the highest quality standards, setting us apart in the industry and providing peace of mind to our customers.



Comparadores Opticos



Keyence IM-700



Micrometros

The Sierra Warranty Promise



We guarantee that our tools will perform and reach the lifespan they are promised. If they fail to live up to this promise, we will come immediately to resolve the issue and compensate you financially. Guaranteed!



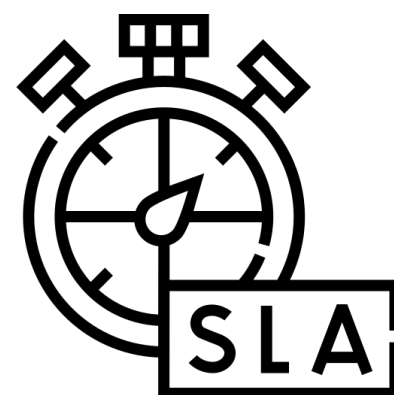
Available 24/7



Communication

In order to offer better service, we have established communication channels that are suitable for any need that our clients may have.

 +52 1 (444) 624 0006
 +52 (444) 824 1060
 customerservice@sierramfg.mx



- Commitment to our clients is our priority.
- Contact us through any of our communication channels and we will assist you within a period of no more than 2 hours.

Thank you!

SIERRA®
MANUFACTURING



+52 444-824-1060



sales@sierramfg.mx



sierramfg.mx



sierramfg



sierramfg



Comisión Federal De Electricidad 625 Zona Industrial
San Luis Potosí, San Luis Potosí, México. CP. 78395