

*Asterrew*  
*d the world*

# YOW CHERN CO., LTD.

www.yowchern.com.tw



No.  
Kao  
Tel  
Fax  
E-m  
http

YOW CHERN CO., LTD



# YOW CHERN CO., LTD

Aster® screw  
around the world

YOW CHERN CO., LTD.

www.yowchern.com.tw



Founded in 1990, Yow Chern Co., Ltd.'s focus has always been manufacturing all types of high-quality fasteners such as for construction, furniture, wood working etc. After gaining solid footholds in these markets, Yow Chern began to expand its manufacturing capabilities by installing more than **71 sets of multi-station facility** and **49 sets of CNC lathing** to become a qualified supplier for automotive fastener. Our trustworthy products are widely supported by the global customers in the EU, US, and Canada.

No.  
Kac  
Tel  
Fax  
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http



**Aster® screw**  
around the world

# ORGANIZATION



**YOW CHERN CO., LTD.**

[www.yowchern.com.tw](http://www.yowchern.com.tw)



President

General Manager

Management Representative

Quality Control Dept.

Quality Section

Laboratory

Aster® Worldwide Patent

Taiwan #86207346  
U.S.A #US 6,450,  
European #11806  
Aster® Trademark

Finance Dept.

Administration Dept.

Sales Dept.

Product Dept.

R & D Dept.

Accountant

**YOW CHERN**

Cashier

Administration

General Affairs

Purchasing

Sales

Shipment

Production

Factory

Packaging Section

Heading

Threading

CNC

No. 74-15, Chuan  
Kachsiung City,  
Tel: 886-7-631-1538 (8 lines)  
Fax: 886-7-631-0510 / 631-5940  
E-mail: [ycesales@yowchern.com.tw](mailto:ycesales@yowchern.com.tw)  
<http://www.yowchern.com.tw>



# YOW CHERN CO., LTD

Aster® screw  
around the world



YOW CHERN CO., LTD.

www.yowchern.com.tw

Since its establishment, Yow Chern has produced numerous special nuts, bolts, and parts which all have achieved our customer confidence and satisfaction. We attribute this success to each and every of our employees, who strictly conform to **TS16949 quality system**. At the start of making a product, it has to undergo several **APQP meetings** where we discuss and repeatedly assure each production process in order to greatly minimize the risks of production failure.



No. 74-9, Chungli Village, Taichung Dist.  
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E-mail: ycsales@yowchern.com.tw  
http://www.yowchern.com.tw

YOW CHERN CO. APQP meeting



# YOW CHERN CO., LTD

*Aster® screw*

*Mold design is the kernel of cold forging.*



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Yow Chern's R&D team plays a key role in the company's outstanding technical performance and also in sustaining the business growth. The team has developed **multi-station mold design, continuous mold design, and multi-axis CNC programming** etc., many of which were awarded a design patent both nationally and internationally. Besides having a holistic production technique, our special product designs also have obtained many patents globally. For example: **Aster Screws, New AT Drive, Wedge Anchor, and Screw Anchor.**



YOW CHERN

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E-mail: ycsales@yowchern.com.tw  
http://www.yowchern.com.tw



# YOW CHERN CO., LTD

Aster® screw

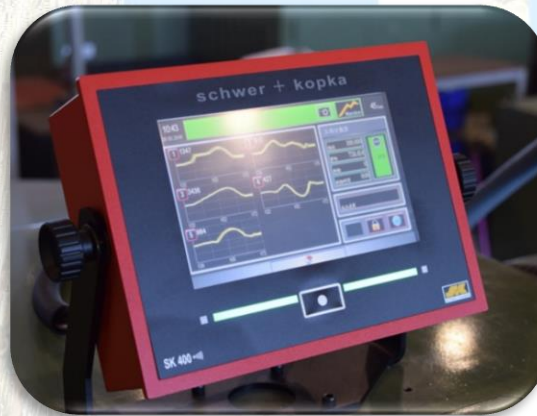
around the world



YOW CHERN CO., LTD.

www.yowchern.com.tw

Strictly following every requirement under the TS16949 quality system, Yow Chern has orderly set up every production process at all production lines, with each forging machine and threading machine installed with the **SK computerized auto-sensor** from Germany to target achieving 100-percent zero-defect production. In addition, each production unit is equipped with a computer to enable qualitative consistency analysis with the X bar-R chart.



Aster® Worldwide Patent



X-R Chart



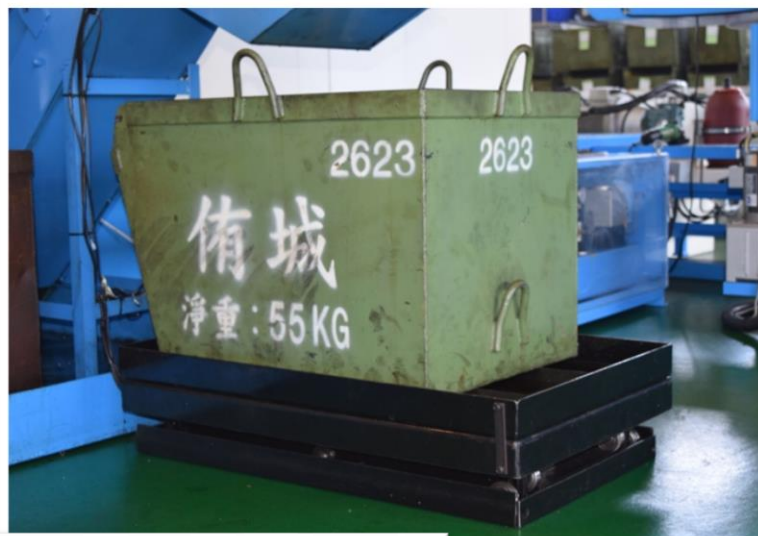
# YOW CHERN CO., LTD

Aster® screw

around the world

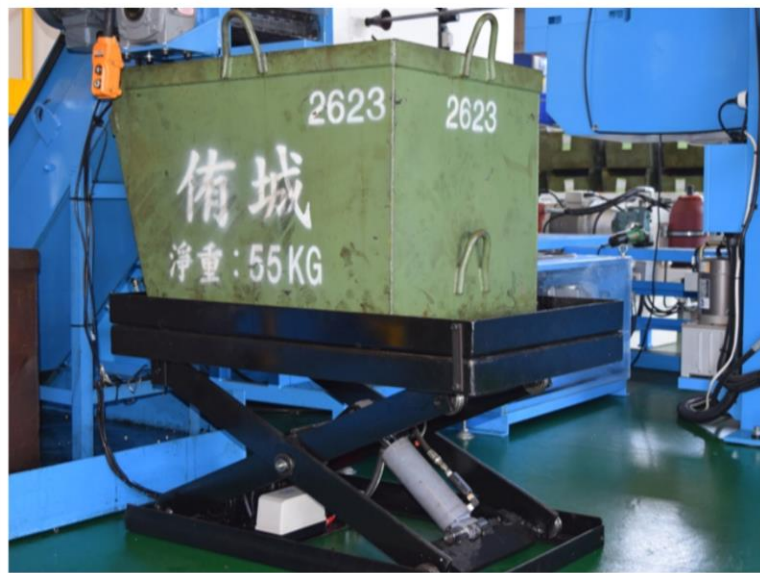
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Items must firstly pass the inspection buckets at the end of a conveyor before being transported and placed into final barrels. Yow Chern's meticulous care to products is

evidently observed where we have introduced a **lift underneath** the barrels to **reduce the drop distance and minimise product damage** from adverse falling impact.





# YOW CHERN CO., LTD

Aster® screw  
around the world

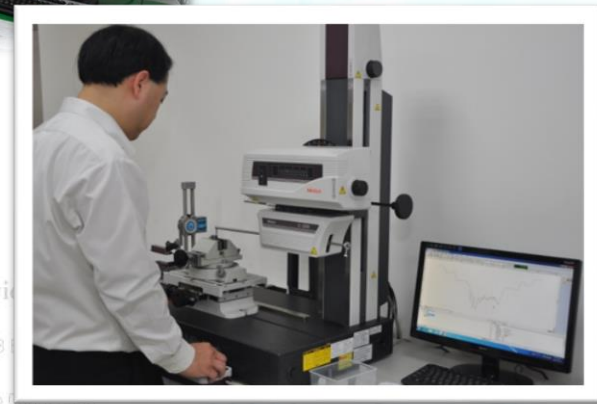
Yow Chern's Quality Control Department has successfully obtained laboratory certificate issued by **Taiwan Accreditation Foundation (TAF)**.



YOW CHERN CO., LTD.  
www.yowchern.com.tw



Aster® Worldw  
Taiwan #86207346  
U.S.A #US 6 450 748  
European #1180609  
Aster® Trademark No.



After that, we have endeavored to **invest in state-of-art precision testing and inspection instruments** such as high-end sorting machines from Te Hung En (Enterprise Co., Ltd). to uphold more stringent QC, enabling production of highly precise and low defect-rate products





# YOW CHERN CO., LTD

Aster® screw



To meet the higher quality, special specs of automotive fasteners, as well as customer-made products, Yow Chern has upgraded **QTC (Quick Tooling Change)** parts former machine to meet our goals in production precision and efficiency.



CNC lathing

No. 74-15, Chung-lu Village, A-lian Dist.  
Kaohsiung City, Taiwan  
Tel: 886-7-631-1538 (8 lines)  
Fax: 886-7-631-0510 / 631-5940  
E-mail: [ycesales@yowchern.com.tw](mailto:ycesales@yowchern.com.tw)  
<http://www.yowchern.com.tw>

To assure an optimal and precise control on the secondary processing, Yow Chern has installed a wide range of equipments, including 20 sets of CNC lathing machine, **3-axis CNC lathe and 4-axis CNC mill**, which clearly indicate our pursuit of flawless quality.



# YOW CHERN CO., LTD

Aster® screw

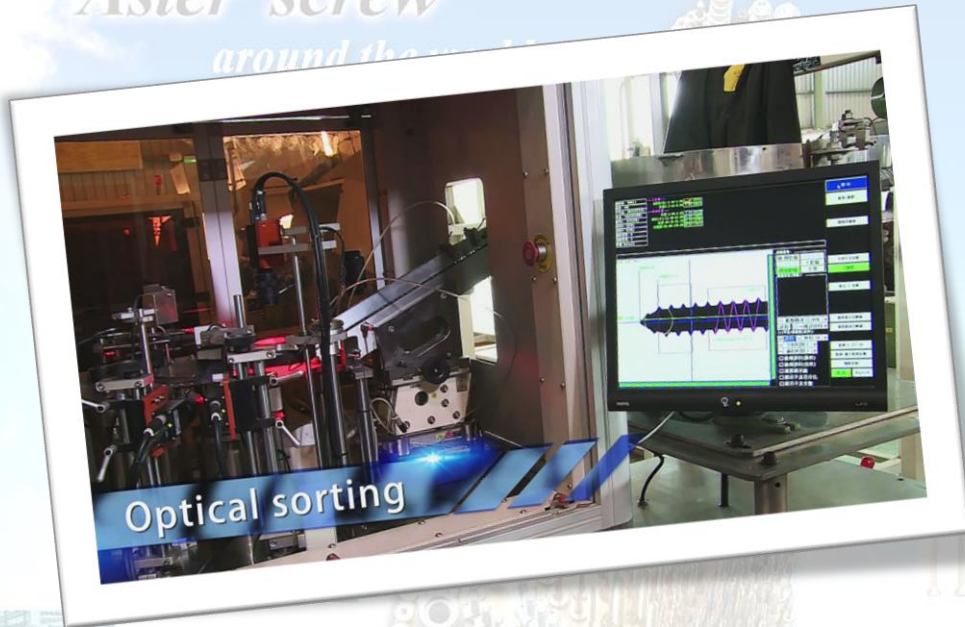
While continuing to develop newer and better products, the firm has acquired patents for its Aster Screws in the European Union (EU), the U.S. and Canada, with its new Wedge Anchor, Screws Anchor being also patented in many European and North American nations. Its latest **AT Drive** series is also patented in Taiwan and China, as well as being patent-pending in Europe and the U.S. The **AT Drive** series is available with different bits, including hex point, hex socket, square socket, triangle socket etc., all of which featuring tight fit between driver and bit to greatly elevate operator's work efficiency.





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Aster® screw  
around the world

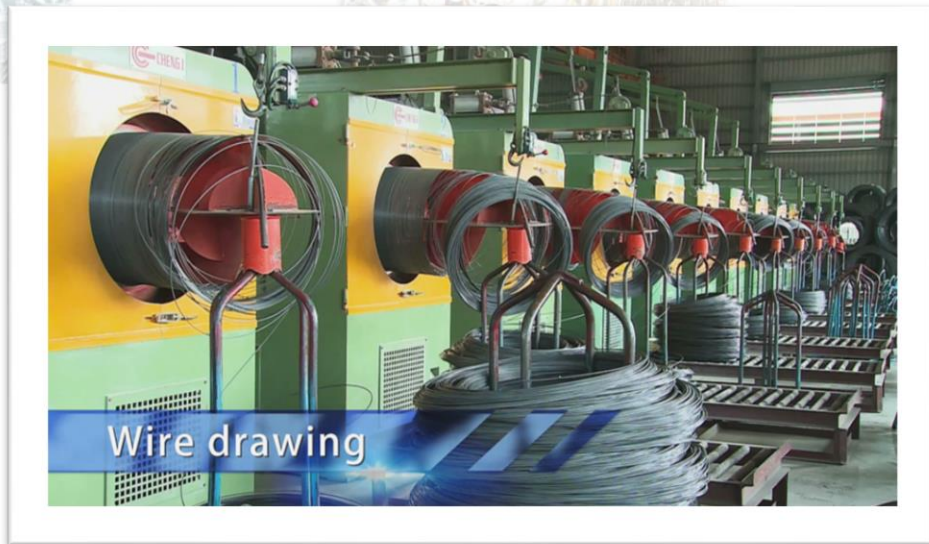


Optical sorting



YOW CHERN CO., LTD.

To further upgrade its overall competitiveness, Yow Chern has invested in a local wire-drawing maker to offer **monthly supply of 3,500 tons of wire material**. The company has also invested in a local sorting-machine maker, which has helped to install **over 50 sets of image sorting machines**.



Wire drawing

Aster® screw  
Taiwan #86207596  
U.S.A #US 6 450 748 B1  
European #1180899



**TE HUNG EN SORTING MACHINES**  
Quality Assurance for Fastener  
Advanced Design! Excellent Performance!

Established in 1983, TE HUNG EN Corporation Co., Ltd. is dedicated to technology R & D. Over the years, TE HUNG EN has accumulated 30+ years of experience in the wire drawing industry. Based on the company's policy of "Constantly Pursuing Technological Innovation", its constantly growing R & D team has developed a wide range of products to meet customer requirements of quality, quantity, and delivery. TE HUNG EN has been widely applied in various industries, such as electronic, mechanical, and automotive. Our machines have been fully recognized by all customers.



Registered in all countries.  
In 2005, TE HUNG EN was appointed as a member of "Automotive Fasteners Core Technology Research Project" sponsored by CHINA STEEL CORPORATION. Later in the end of 2006, TE HUNG EN was appointed as a sorting technology service by the minister of Ministry of Economic Affairs. In March, 2008, TE HUNG EN was certified by ISO 9001:2008. In addition, TE HUNG EN was a qualified sorting company appointed by Japan world-class automotive manufacturers.



**Outstanding R & D Capability**  
Constantly pursuing a new field of innovation and sorting technology is a corporate strategy of TE HUNG EN since establishment. TE HUNG EN R & D department has been R & D engineers with outstanding education and background. They always strive hard for technological breakthrough and innovation. TE HUNG EN's R & D department has been awarded many patents, which gives a strong support for their efforts in R & D. In particular, the most advanced three-color video camera & optical sorting machine is successfully developed through work of their R & D. This machine is a technological innovation in the world. It has been patented in many European countries and USA.

), LTD



# YOW CHERN CO., LTD

*Aster® screw*

*around the world*

**Yow Chern's special industrial- and construction-grade products are made with its high-end equipment, including multi-station of cold forging machines, Open die machines, clamping machines etc.**



YOW CHERN CO., LTD.

[www.yowchern.com.tw](http://www.yowchern.com.tw)



Aster® World  
Taiwan #8620734



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<http://www.yowchern.com.tw>

YOW CHERN CO., LTD



# YOW CHERN CO., LTD

Aster® screw



YOW CHERN CO., LTD.

www.yowchern.com.tw



Chamber furnace for heat treatment



Chamber furnace heat treatment is used on most products to **minimize bending** and **impact damage**. Being fully-equipped enables Yow Chern to supply wide-ranging products to meet global buyers' specs.



Chamber furnace for heat treatment

Aster® Worldwide Branches  
Taiwan #862073  
U.S.A #US 6 450 748 B1  
European #1180606  
Aster® Trademark



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http://www.yowchern.com.tw



Chamber furnace for heat treatment

YOW CHERN CO., LTD.



Aster® screw

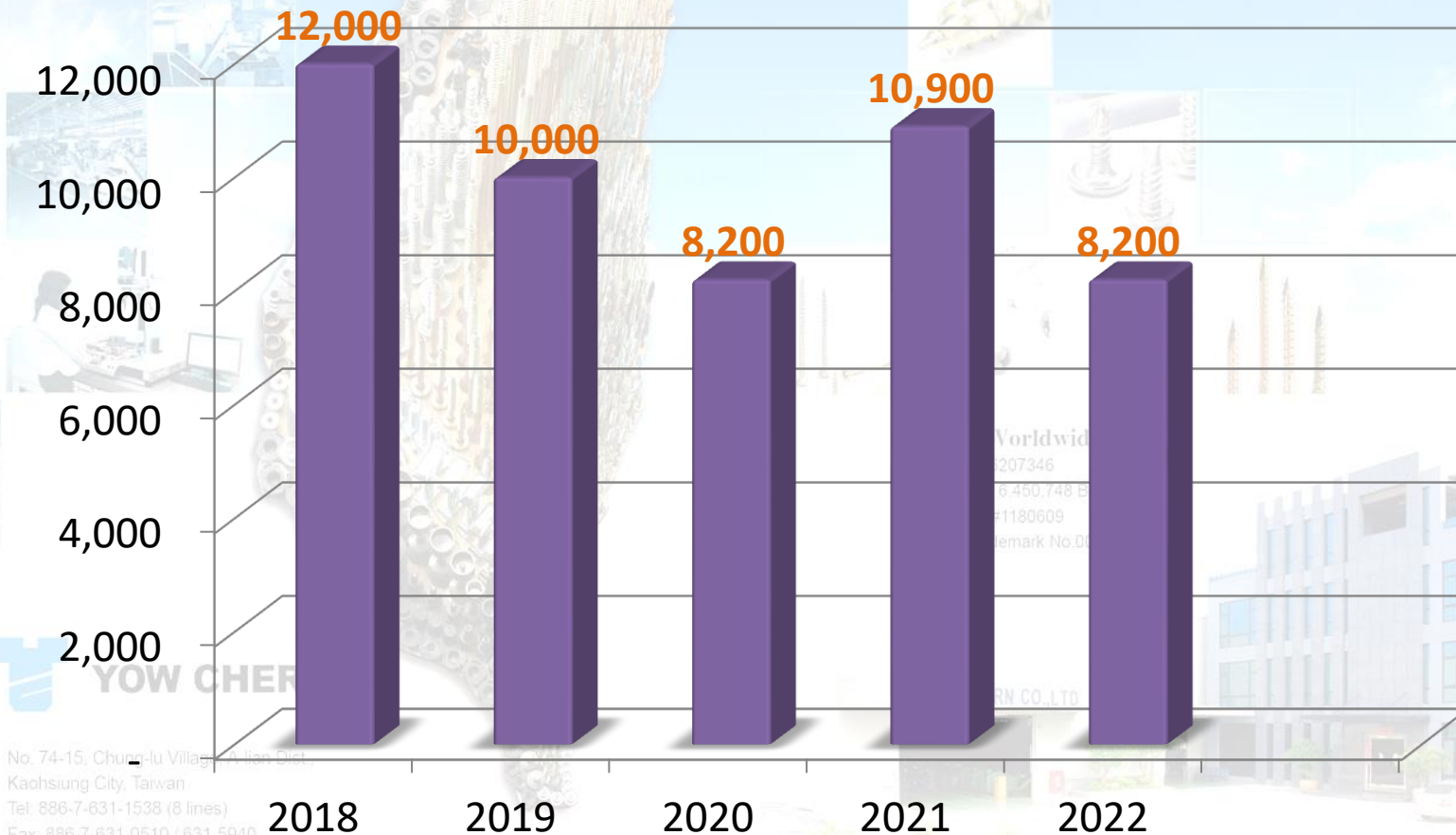
around the world

# YOW CHERN CO., LTD

YOW CHERN CO., LTD.

www.yowchern.com.tw

### Capacity (tons)



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E-mail: ycsales@yowchern.com.tw  
http://www.yowchern.com.tw

Worldwid  
207346  
6,450,748 B  
#1180609  
emark No.01

YOW CHERN CO., LTD

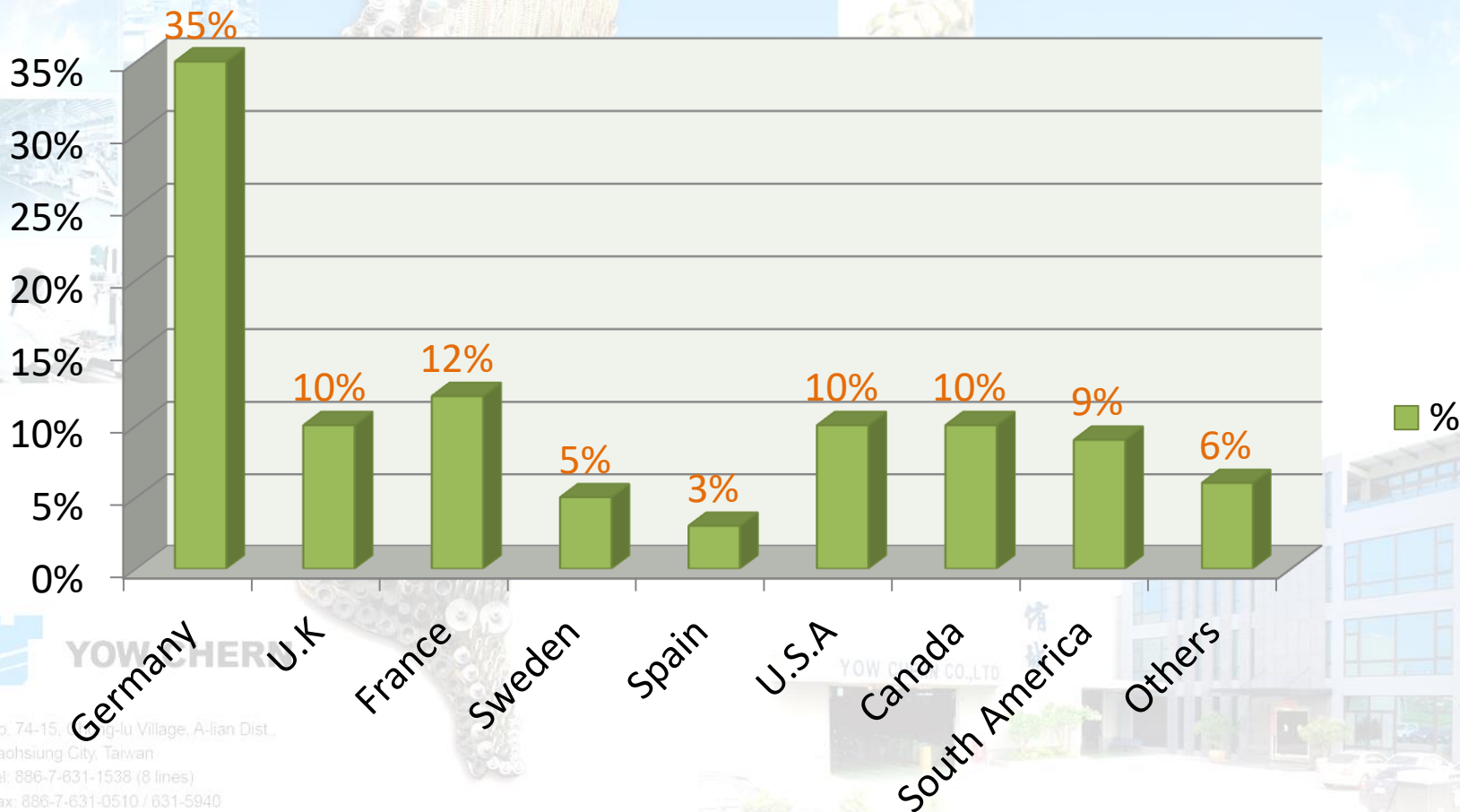


Aster® screw  
around the world

# YOW CHERN CO., LTD

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www.yowchern.com.tw

## Marketing share



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Fax: 886-7-631-0510 / 631-5940  
E-mail: ycsales@yowchern.com.tw  
http://www.yowchern.com.tw



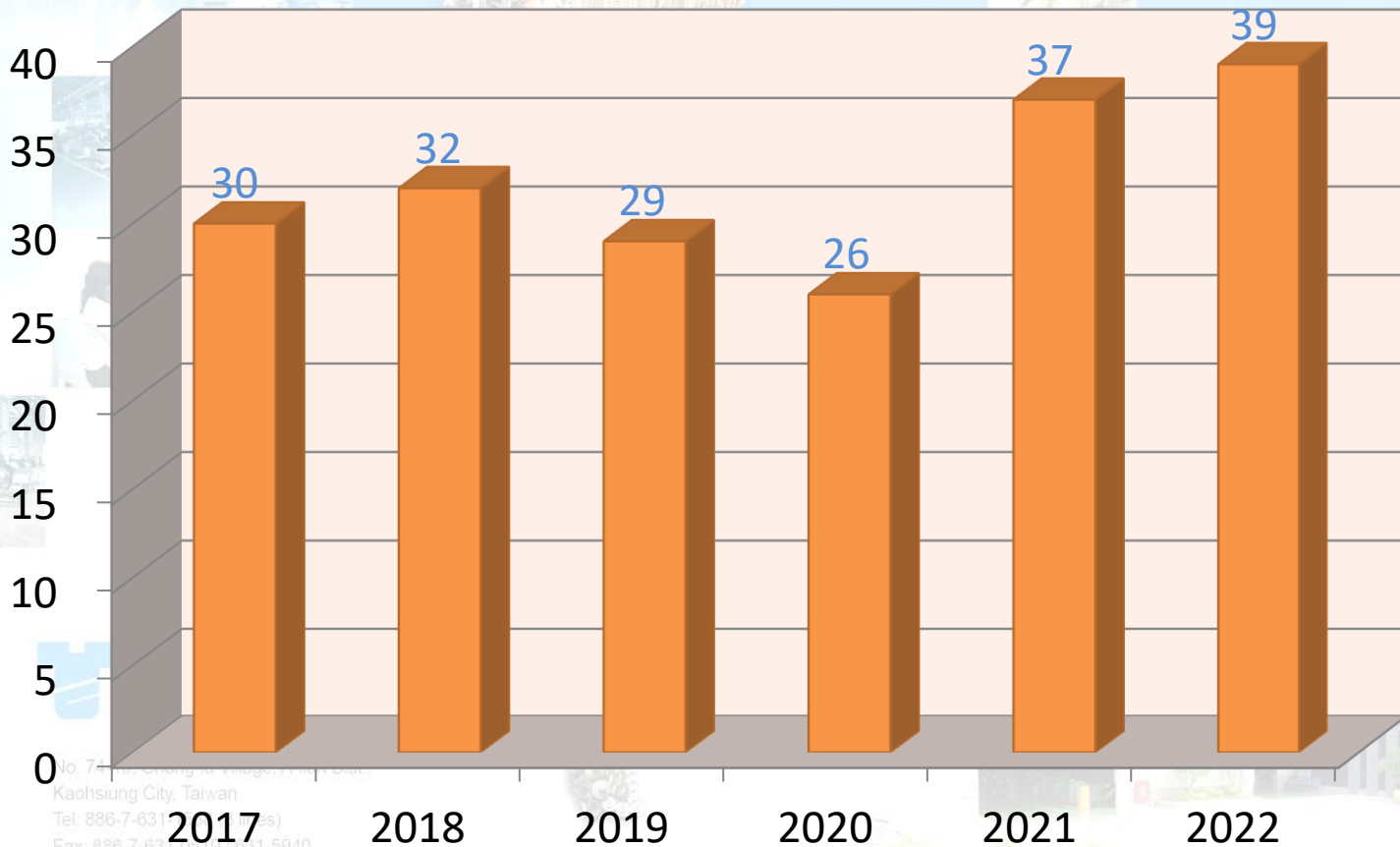
*Aster® screw*  
*around the world*

# YOW CHERN CO., LTD

YOW CHERN CO., LTD.  
www.yowchern.com.tw

## Turnover

■ USD (millions)



No. 74, Zhongxing Rd, Yung-Kang, Kaohsiung City, Taiwan  
Tel: 886-7-6311151  
Fax: 886-7-6310310 / 631-5940  
E-mail: ycsales@yowchern.com.tw  
http://www.yowchern.com.tw





# YOW CHERN CO., LTD

Aster® screw

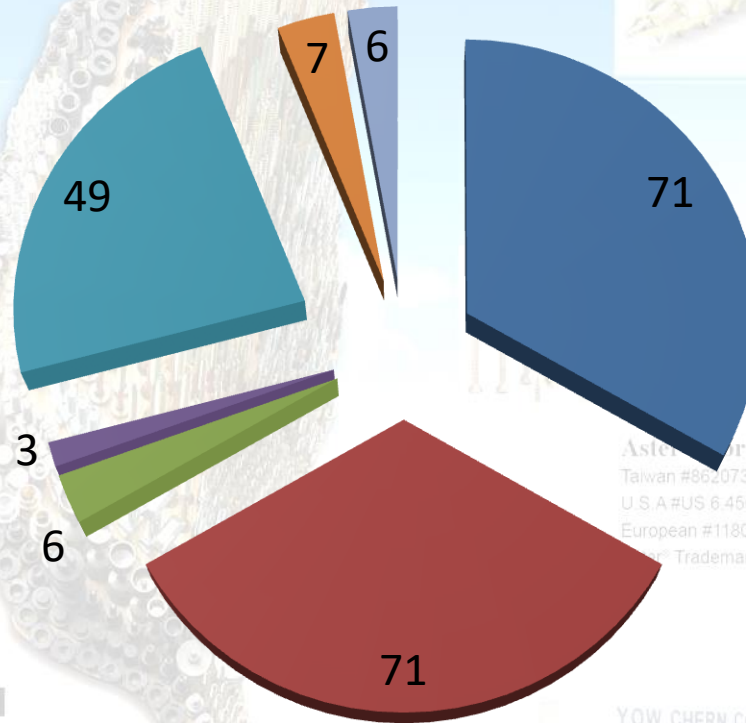
around the world



YOW CHERN CO., LTD.

www.yowchern.com.tw

## Manufacturing facilities



- Cold-forming
- Thread rolling
- Open-die
- Clamping drilling point
- CNC
- Assemble washer
- Chamfering

Aster® worldwide Patent

Taiwan #86207346

U.S.A #US 6,450,748 B1

European #1180609

Trademark No.008323008



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 E-mail: ycsales@yowchern.com.tw  
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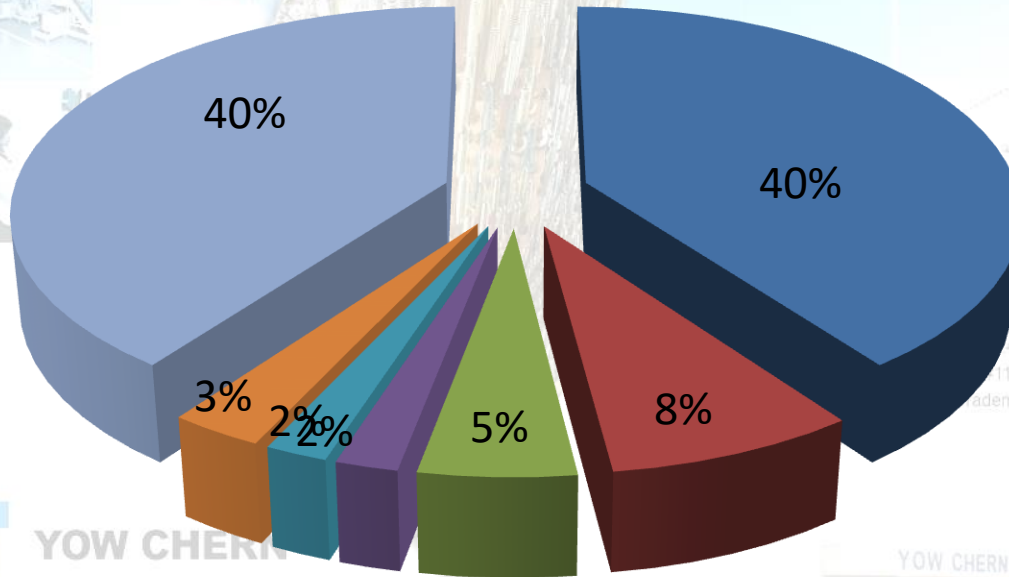


Aster® screw  
around the world

# YOW CHERN CO., LTD

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## Products



- Aster screw
- Window screw
- Drilling screw
- Tapping screw
- Concrete screw
- Thread forming screw
- Auto parts / bolts



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Kaohsiung City, Taiwan  
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http://www.yowchern.com.tw



*Aster® screw*  
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**\*Wedge Anchor**

**\*Screw Anchor**



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Fax: 886-7-631-0510 / 631-5940  
E-mail: ycsales@yowchern.com.tw  
<http://www.yowchern.com.tw>

**Wedge Anchor**  
Patent no. U. S 6,524, 046 B2 & European #1243801

**100% EXPANSION**

**Screw Anchor**  
European #1972800

**High Clamping Force**



*Aster® screw*  
around the world

**\*Steel & Stainless steel**

**\*Drill point No. 1 ~ No. 5**

**\*Bi-metal Screw**

**\*Window screw**

**\*Concrete screw**

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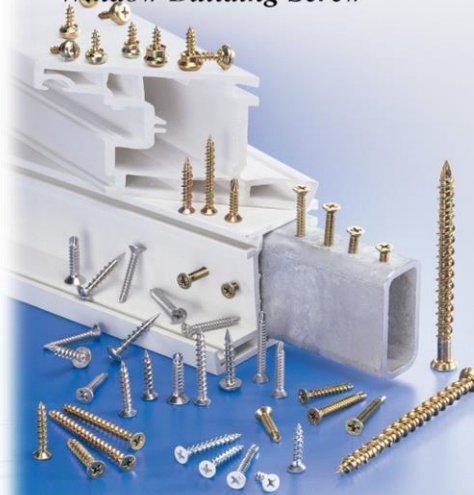
**Steel & Stainless Steel**

Drill Point No.1~No.5  
Bi-Metal Screw

*Drywall Screw*



*Window Building Screw*



*Self Drilling Screw & Roofing Screw*





*Aster® screw  
around the world*

**Patent certificated**

**Aster® Trademark No.  
008323008**



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E-mail: ycsales@yowchern.com.tw  
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**Patent Certificated**

	<b>Europäisches Patentamt</b>	<b>European Patent Office</b>	<b>Office européen des brevets</b>
	Urkunde	Certificate	Certificat
	Es wird hiermit bescheinigt, daß für die in der beigefügten Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.	It is hereby certified that a European patent has been granted in respect of the invention described in the annexed patent specification for the Contracting States designated in the specification.	Il est certifié qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule de brevet ci-joint, pour les Etats contractants désignés dans le fascicule de brevet.
	Europäisches Patent Nr.	European Patent No.	Brevet européen n°
	1180609		
	Patentinhaber	Proprietor of the Patent	Titulaire du brevet
	Hsu, Tai-Ping NO. 10, Chung-Lu, Chung-Lu Teun A-Lien Hsiang, Kaohsiung Hsien, TW		

**Screw Anchor Patent -EURO**

06.04.05

Alain Pompidou  
Präsident des Europäischen Patentamts  
President of the European Patent Office  
Président de l'Office européen des brevets

**ASTER PATENT-EURO**

**The United States of America**  
ASTER PATENT -U.S.A

**Aster Trade Mark Certified**

**Wedge Anchor Patent -U.S.A**

**Wedge Anchor Patent -EURO**



# QC / Testing facilities

Aster® screw



**0% DEFICIENCY  
100% QUALITY**



**TS 16949**



**TAF LAB**



*Quality testing is completed with adequate discussion before production. Completing every task required by quality testing is our guarantee of quality.*

Control Plan	
Item No.	Description
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# Packing Warehouse

Aster® screw



Packing Warehouse

Small box / PVC / Bucket / Pail packing  
Label and box according  
to customer's design

Safe Storage



CO., LTD.  
yowchern.com.tw



Aster® W  
Taiwan #8620  
U.S.A #US 6  
European #1  
Aster® Tradem





*Aster® screw*

*around the world*

# HISTORY

YOW CHERN CO., LTD.

- Established in 1991
- Accepted orders from overseas customers in 1994
- Awarded by ISO-9002 in 1998
- Received Taiwan Patent 86207346 for Aster Screw in 1999
- Received German DPUM Nr. 200 141 47.3 for Aster Screw in 2000
- Received U.S.A Patent U.S 6,450,748 B1 for Aster Screw in 2002
- Awarded Great Britain BSI QS-9000 in 2002
- Received U.S.A Patent U.S 6,524,046 B2 for Wedge Anchor in 2003
- Expanded business for automobile and special parts in 2004
- Received European Patent 1180609 for Aster Screw in 2005
- Received European Patent 1243801 for Wedge Anchor in 2005
- Awarded by ISO / TS 16949 in 2006
- Invested New Packing Warehouse in 2006
- Invested Sorting facility in 2007
- Accredited TAF Lab in 2007
- Built new office and factory in 2009
- Received European Patent 1972800 for Screw Anchor in 2010
- Received Trademark certificated for ASTER® in 2010
- Built " Wire drawing factory " in 2011
- Received CE marking for EN 14566 and EN 14592 in 2012
- Authorized new licenses of MATHread® & MATpoint® & Torx® & Torx Plus®
- New facilities for cold forging (HBP623L) and CNC lathing (multi-axis CNN and mill)
- Developing new design " AT drive " (Tight fit with bit / High efficiency)
- Licensee of the Reminc Remform and Trilobular





# Thank You Very Much.

Aster® screw

around the world



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**Aster® screw**  
around the world



**YOW CHERN CO., LTD.**

[www.yowchern.com.tw](http://www.yowchern.com.tw)



**Aster® Worldwide Patent**

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European #1180609

Aster® Trademark No.008323008



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專櫃設計: 06-295 4000 10401301000



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