INTRODUCTION

In 2004, Tien-I founder Larry and Shaio-Pao, along with 10 partners, established a socket manufacturer in Taichung, Taiwan. They believed the market would value high-quality tools made in Taiwan.

After decades, Tien-I now supplies global clients with over 20,000 items, including socket tool kits, impact sockets, air chisels, tube tools, and automotive tools.

Today, top tool companies from EURO and the United States, plus major industries like aviation, car repair, bike, contrsuction and even solar power, trust Tien-I products. Plus, international Taiwan and Japanese machine makers with their tool needs.

If you seek not just another supplier but a long-term partner committed to quality tool development, Tien-I could be your choice.

ISO 9001:2015

INTERTEK
SUPPLIER QUALIFICATION PROGRAM

TÜVRheinland
CERTIFIED

台灣精品
TAIWAN EXCELLENCE
2016 / 2023

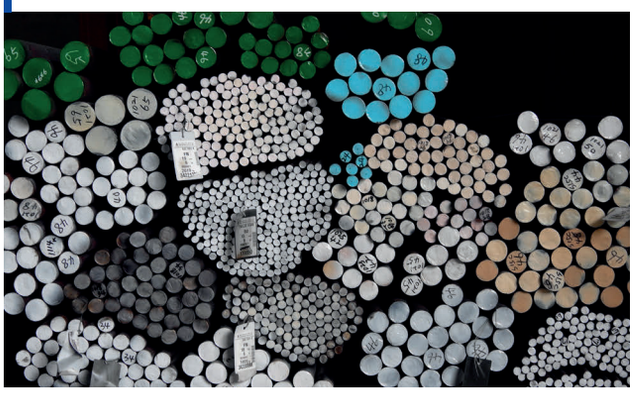
OUR HAND TOOLS STANDARD

100% Made in Taiwan Hand Tools Manufacturing.

In order to swiftly provide the products to companies all over the world, we are continuously increasing our manufacturing capacity in Taiwan. We have heavily invested in the machines and molds to keep optimizing our production process. Managing our supply chain management via IT and ERP systems enables us to provide our global clients with over 20,000 SKU daily.

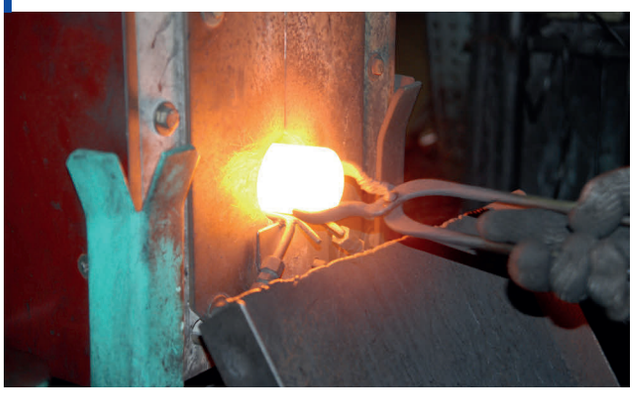
1

MATERIAL
Material source is the key to quality. Tien-I is a member of China Steel Corporation (CSC), the leading steel company in Taiwan.



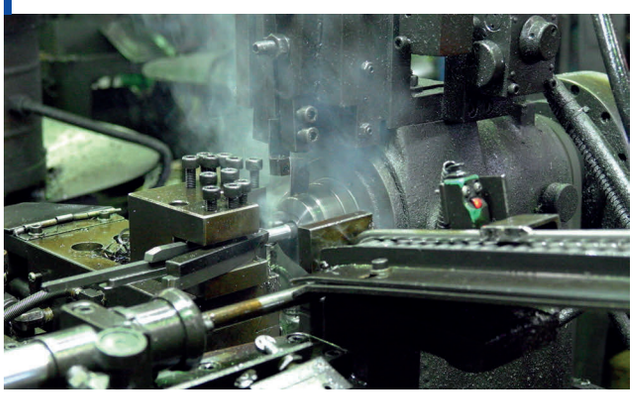
2

FORGING
With cold forging, placing, and hot forging, we can supply in time with quality and keep cost competitive.



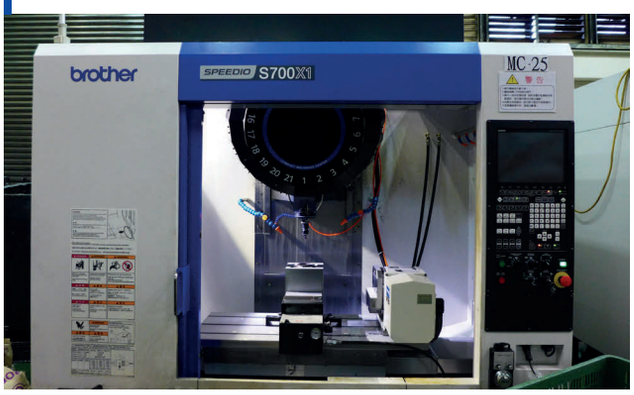
3

LATHE PROCESSING
lathe with semi-automatic cutting machine is more suitable for simple shaping.



4

CNC
CNC lathe is using controller to communicate between computer and lathe machine to achieve accurate and large lathe stable production.



5

HEAT-TREATMENT

Treating materials with heat alters its stability and, in some cases, its chemical properties. Suitable heat treatment can strike the perfect balance between cost and longevity.

Tien-I performs three main types of heat treatment:

- Continuous Furnace
- Batch Furnace
- Vacuum Furnace

6

VIBRATING

Vibrating is the key process before plating in order to make the surface smoothly.

7

ELECTROPLATING

Electroplating is to produce a metal coating in order to protect the metal from rusting and to keep it shining.

8

STORAGE AND LOGISTIC

Help our customer store and manage the thousands SKU inventory and arrange the delivery to the market.

LAB EQUIPMENT

We use these equipment to maintain product quality.

SALT SPRAY MACHINE
Salt Spray Machine to test the quality of surface treatment.

TORQUE TEST MACHINE
Torsion Test Machine to test the torque of component.

HARDNESS TEST MACHINE
Hardness test Machine to measure the hardness of componets (HRC).

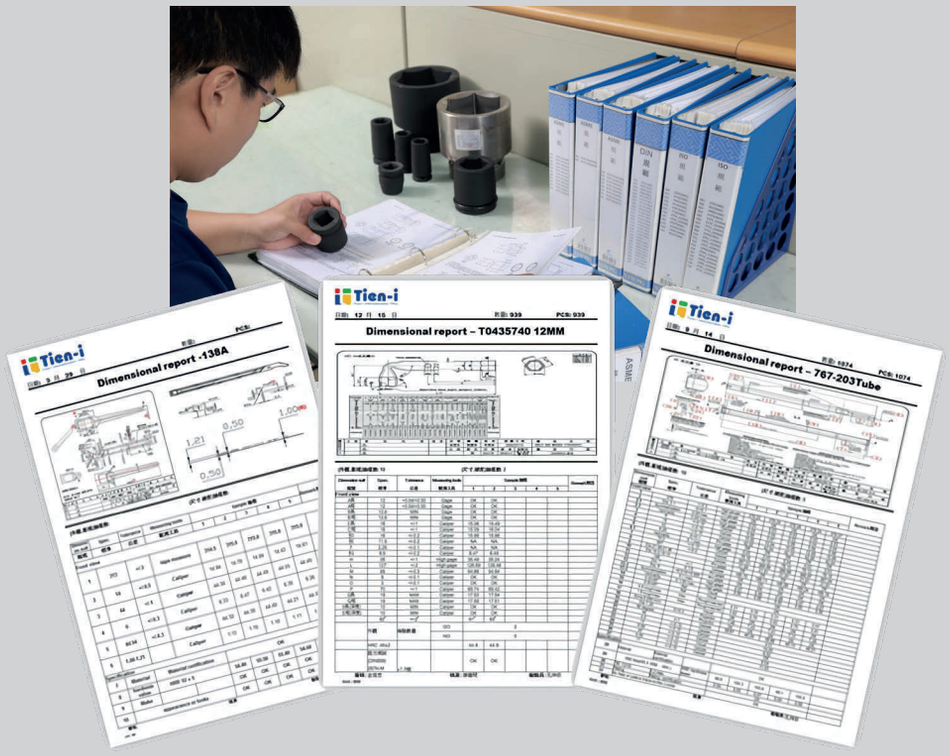
OPTICAL PROJECTOR
Optical Projector to measure the precise dimension in um level.

MEASURE SPECIFICATION
Measure the spec in different angle and depth by gague and caliper.

GAUGE ALL SIZES
ANSI/ASTM, DIN, or ISO standards.
Size gauges for Hex, STAR, Spline...profiles.

QUALITY REPORTS AND TRACEABILITY

Every shipment is traceable. Upon request, we can provide quality reports tailored for you and your clients. We are dedicated to safeguarding your confidential and sensitive information at all times.



MATERIAL WE USE

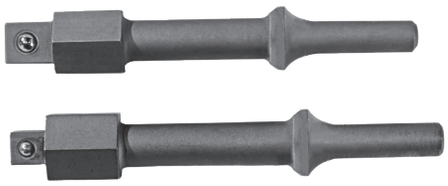
We understand that manufacturing quality tools requires the proper materials. That's why we are happy to provide you with the origin and chemical properties certificates of raw materials.
(TEST CERTIFICATE & COO)

Tien-I has extensive expertise in metal components involving all grades of alloy steels, including 50BV30, SCM440, and SNCM439, S45C, and 8660.

Tien-i

AIR CHISEL SET

2PC 3/8" & 1/2"DR. PNEUMATIC BOLT BREAKER SET



ITEM NO.	2PC-558

CONTENT
3/8"DR. PNEUMATIC BOLT BREAKER
1/2"DR. PNEUMATIC BOLT BREAKER

2PC PNEUMATIC SETS - HINGE PIN DRIVER

ITEM NO.	2PC-61
BAG	L:225 x W:80 (mm)

CONTENT
6MM PNEUMATIC HINGE PIN DRIVER.(L:7-1/2")
8MM PNEUMATIC HINGE PIN DRIVER.(L:7-1/2")

3PC LONG PNEUMATIC CHISEL SET

ITEM NO.	3PC-112-TRAY
BAG	L:540 x W:115 (mm)

CONTENT
18" COLD CHISEL.(5/8" TIP.)
18" HAMMER.(1" FACE)
18" SCRAPER.(2" TIP.)

4PC CHISEL KIT

ITEM NO.	4PC-13
BAG	280 x 160 x 16 mm
WEIGHT	580.5 (g)

CONTENT	
5" TAPERED PUNCH	PC120003
5" FLAT CHISEL	PC120104-21
7-1/2" SPOT WELD CUTTER	PC192201-1
7-1/2" DELUX PANEL CUTTER	PC192304

OUR PROMISES

How to Supply Consistent Quality

Providing reliable quality and secure tool is Tien-I core value as the manufacturer. To do so, Tien-I QC team have attended SGS training program. Tien-I products are fully up to DIN, ISO, and ANSI/ASTM international standards.

Seeing is believing. Welcome to visit our factory and meet our QC. Team.

Environmental Friendly Plating

The surface treatment improve durability and appearance. However, the traditional plating may cause serious environmental issue.

We hope to supply the products with quality as well as green. That's why Tien-I choose the qualified plating factories complying with the government environmental regulation and international ROHS requirements.

Material Quality

Right material is critical for quality tool and that's why we can offer the origin and chemical properties certificates of raw material for you. Tien-I has extensive expertise in metal components involving all grades of alloy steels, such as 50BV30, SCM440, and SNCM439, S45C, 8660…etc.

The material source is key. Tien-I is the member of China Steel Corporation (CSC), the largest and highest quality steel company in Taiwan. We also cooperated with other excellent international steel companies including Nippon Steel Corporation in order to provide special alloy steel for your various designs.

中鋼公司

新日本製鐵株式會社
NIPPON STEEL

Tien-i

Tien-i

Web
www.tien-i.com

Email
service@tien-i.com

Address
**No. 43, Gongyequ 23rd Rd.,
Nantun Dist., Taichung City 40850,
Taiwan**

Version
202504

Copyright © Tien-I Industrial Co., Ltd. All Rights Reserved.