



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, construction 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.



- 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

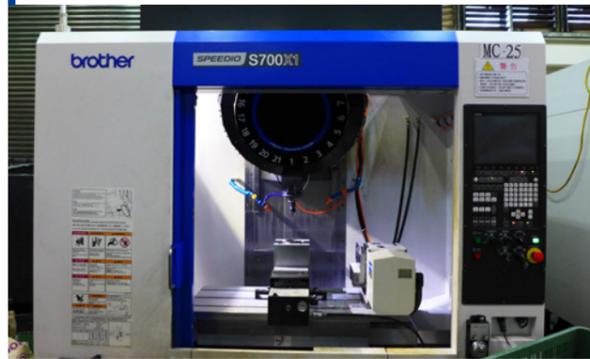
lathe with semi-automatic cutting machine is more suitable for simple shaping.



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

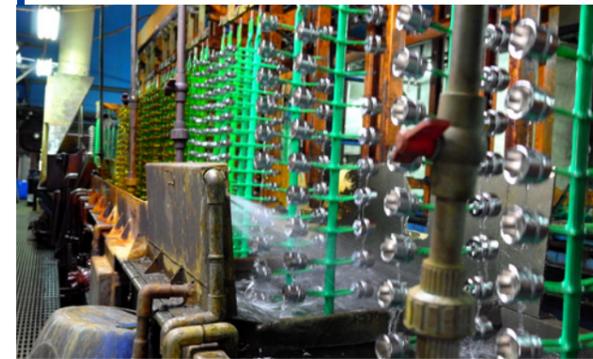
Vibrating is the key process before plating in order to make the surface smoothly.



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.



- 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.



- 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)

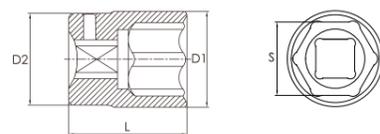
Tien-I has extensive expertise in metal components involving all grades of alloy steels, including 50BV30, SCM440, and SNCM439, S45C, and 8660.



6 & 12 POINTS SOCKET

3/4" DRIVE SOCKET

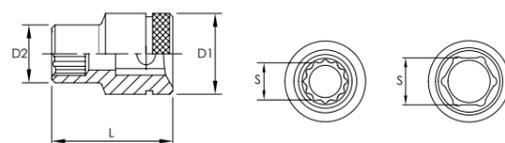
3/4"DR. 6PT SOCKET (MM) (LOCK)



6	S	L (mm)	D1 (mm)	D2 (mm)
CDDR66219	19	50	29	36
CDDR66221	21	50	31	36
CDDR66222	22	50	32	36
CDDR66224	24	52	34	36
CDDR66227	27	52	38	36
CDDR66228	28	52	38	36
CDDR66230	30	54	42	36
CDDR66232	32	56	44	36
CDDR66233	33	56	46	36
CDDR66234	34	56	46	36
CDDR66236	36	58	50	45
CDDR66238	38	60	52	45
CDDR66241	41	64	56	45
CDDR66246	46	68	62	45
CDDR66250	50	72	68	45
CDDR66255	55	76	74	45
CDDR66260	60	79	80	45

LOW PROFILE SOCKET

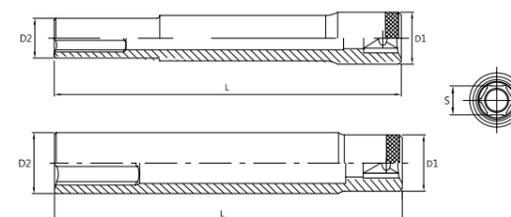
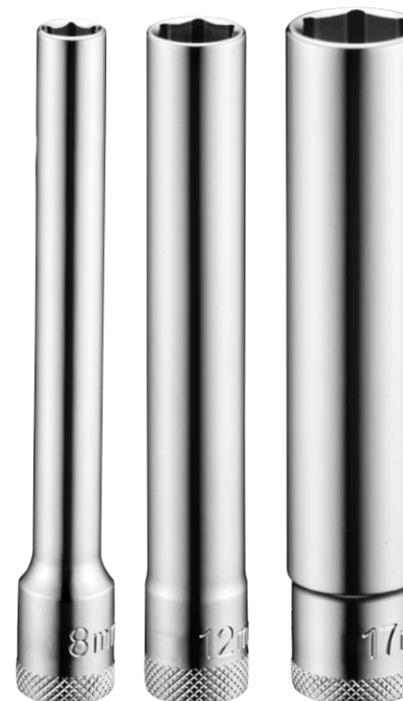
3/8"DR. LOW PROFILE SOCKET



6	12	S	L (mm)	D1 (mm)	D2 (mm)
DS36208	DS37208	8	17	16.5	11.6
DS36209	DS37209	9	17.2	16.5	13
DS36210	DS37210	10	17.5	16.5	14.3
DS36211	DS37211	11	17.8	16.5	15.6
DS36212	DS37212	12	18.2	16.6	17.3
DS36213	DS37213	13	18.8	17.4	18.1
DS36214	DS37214	14	18.8	18.5	19.7
DS36215	DS37215	15	19.2	19.7	20.9
DS36216	DS37216	16	19.8	20.4	22
DS36217	DS37217	17	20.3	21.5	23
DS36218	DS37218	18	20.8	22.8	24.3
DS36219	DS37219	19	20.8	24	25.5

EXTRA DEEP SOCKET

1/4"EXTRA DEEP SOCKET



6	S	L (mm)	D1 (mm)	D2 (mm)
DLXAS26204	4	113	12.1	7
DLXAS26205	5	113	12.1	8
DLXAS262055	5.5	113	12.1	8.6
DLXAS26206	6	113	12.1	9.3
DLXAS26207	7	113	12.1	10.6
DLXAS26208	8	113	11.75	11.8
DLXAS26209	9	113	12.25	12.8
DLXAS26210	10	113	13.25	14.8
DLXAS26211	11	113	14.25	15.8
DLXAS26212	12	113	15.25	16.8
DLXAS26213	13	113	16.25	17.8
DLXAS26214	14	113	18.25	19.8
DLXAS26215	15	113	19.25	21
DLXAS26216	16	113	20.25	21.8

3/8"EXTRA DEEP SOCKET

6	S	L (mm)	D1 (mm)	D2 (mm)
DLXAS36206	6	120	17.15	9.8
DLXAS36207	7	120	17.15	11
DLXAS36208	8	120	17.15	12.1
DLXAS36209	9	120	17.15	13.3
DLXAS36210	10	120	17.15	14.5
DLXAS36211	11	120	17.15	15.8
DLXAS36212	12	120	18.15	17.1
DLXAS36213	13	120	17.3	19
DLXAS36214	14	120	18.3	20
DLXAS36215	15	120	19.3	21
DLXAS36216	16	120	20.3	22
DLXAS36217	17	120	22.3	24
DLXAS36218	18	120	24.3	26
DLXAS36219	19	120	24.3	26
DLXAS36220	20	120	26.3	28
DLXAS36221	21	120	26.3	28

1/2"EXTRA DEEP SOCKET

6	S	L (mm)	D1 (mm)	D2 (mm)
DLXAS46210	10	122	22	15.5
DLXAS46211	11	122	22	16.7
DLXAS46212	12	122	22	18.1
DLXAS46213	13	122	22	19.2
DLXAS46214	14	122	22	20.3
DLXAS46215	15	122	22	21.4
DLXAS46216	16	122	22	22
DLXAS46217	17	122	22	24
DLXAS46218	18	122	24	26
DLXAS46219	19	122	25	27
DLXAS46220	21	122	26	28
DLXAS46221	22	122	28	30

Socket & Wrench

Impact Socket

Air Chisels

Automotive Tools