

Tien-i

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.



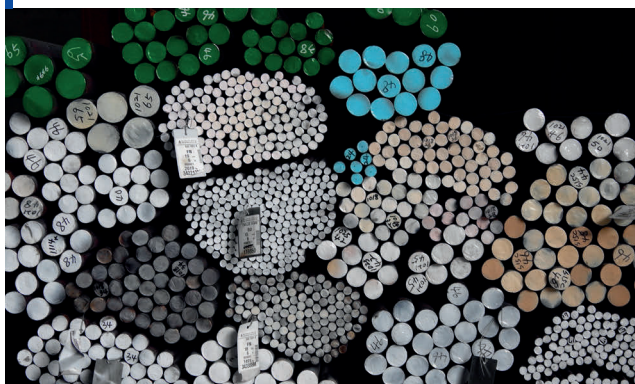

- 100% Made in Taiwan Hand Tools Manufacturing.

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.

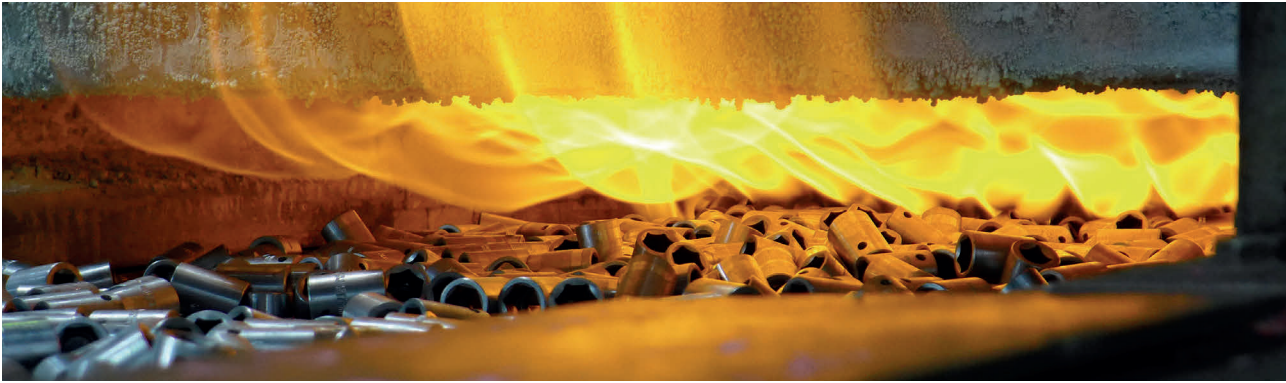


4

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.



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.

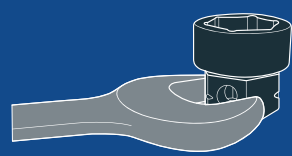


Information

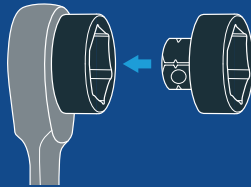
HEX SHAPE STUBBY IMPACT SOCKETS

NO SKIP SIZE FROM 1/4" - 1/2" ✕ ACCESSIBLE TO ALL

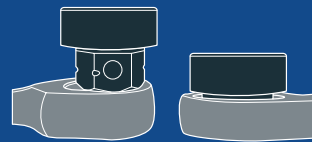
FEATURES



01 Hex Up, Combine Smart



02 Turn One Wrench into All Sizes Ratchet



03 Fit All

STUBBY 6 POINT IMPACT SOCKETS



- Only 22.5 mm (3/8"DR.)
- Ideal tool for transmission engine and interior work.
- Must have in every mechanics tool box for work in tight spaces.
- Built to perform with Mini Impact Gun.

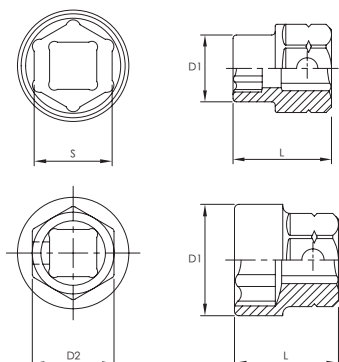
1/4"DR. HEX SHAPE STUBBY IMPACT SOCKETS

1/4"DR. HEX SHAPE STUBBY IMPACT SOCKET (MM)



1/4"

Patent



6	S	L (mm)	D1 (mm)	D2 (mm)
ISHMO26204	4	18.5	7.4	11
ISHMO262045	4.5	18.5	8	11
ISHMO26205	5	18.5	8.6	11
ISHMO262055	5.5	18.5	9.2	11
ISHMO26206	6	18.5	9.8	11
ISHMO26207	7	18.5	11	11
ISHMO26208	8	18.5	12.2	11
ISHMO26209	9	18.5	14	11
ISHMO26210	10	18.5	14.4	11
ISHMO26211	11	18.5	17	11
ISHMO26212	12	18.5	18	11
ISHMO26213	13	18.5	19	11
ISHMO26214	14	18.5	20	11
ISHMO26215	15	18.5	22	11

STUBBY IMPACT SOCKET

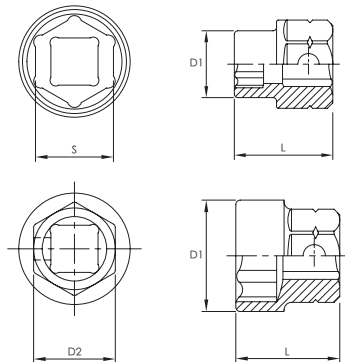
3/8" & 1/2" DR. HEX SHAPE STUBBY IMPACT SOCKETS

3/8" DR. HEX SHAPE STUBBY IMPACT SOCKET



3/8"

Patent



6	S	L (mm)	D1 (mm)	D2 (mm)
ISHMO36206	6	22.5	10.2	17
ISHMO36207	7	22.5	11.4	17
ISHMO36208	8	22.5	12.7	17
ISHMO36209	9	22.5	14	17
ISHMO36210	10	22.5	15.2	17
ISHMO36211	11	22.5	17	17
ISHMO36212	12	22.5	18	17
ISHMO36213	13	22.5	20	17
ISHMO36214	14	22.5	21.5	17
ISHMO36215	15	22.5	22	17
ISHMO36216	16	22.5	23.5	17
ISHMO36217	17	22.5	24	17
ISHMO36218	18	22.5	25	17
ISHMO36219	19	22.5	26	17

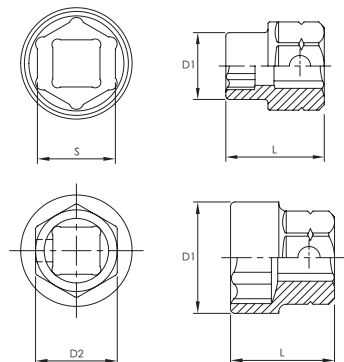
6	S	L (mm)	D1 (mm)	D2 (mm)
ISHMO36108	1/4"	22.5	10.6	17
ISHMO36109	9/32"	22.5	11.8	17
ISHMO36110	5/16"	22.5	12.6	17
ISHMO36112	3/8"	22.5	14.6	17
ISHMO36114	7/16"	22.5	17.1	17
ISHMO36116	1/2"	22.5	20	17
ISHMO36118	9/16"	22.5	21	17
ISHMO36120	5/8"	22.5	23.5	17
ISHMO36122	11/16"	22.5	24	17
ISHMO36124	3/4"	22.5	26	17

1/2" DR. HEX SHAPE STUBBY IMPACT SOCKET



1/2"

Patent



6	S	L (mm)	D1 (mm)	D2 (mm)
ISHMO46208	8	28	14.5	22
ISHMO46209	9	28	15.6	22
ISHMO46210	10	28	16.7	22
ISHMO46211	11	28	18	22
ISHMO46212	12	28	19	22
ISHMO46213	13	28	20.2	22
ISHMO46214	14	28	21.5	22
ISHMO46215	15	28	23	22
ISHMO46216	16	28	24.5	22
ISHMO46217	17	28	26	22
ISHMO46218	18	28	27	22
ISHMO46219	19	28	28	22
ISHMO46220	20	28	30	22
ISHMO46221	21	28	30	22
ISHMO46222	22	28	32	22
ISHMO46223	23	28	34	22
ISHMO46224	24	28	34	22
ISHMO46227	27	30	38	22
ISHMO46230	30	30	42	22
ISHMO46232	32	30	44	22

6	S	L (mm)	D1 (mm)	D2 (mm)
ISHMO46112	3/8"	28	16	22
ISHMO46114	7/16"	28	18	22
ISHMO46116	1/2"	28	20	22
ISHMO46118	9/16"	28	21.8	22
ISHMO46120	5/8"	28	24	22
ISHMO46122	11/16"	28	26	22
ISHMO46124	3/4"	28	28	22
ISHMO46126	13/16"	28	30	22
ISHMO46128	7/8"	28	32	22
ISHMO46130	15/16"	28	34	22
ISHMO46132	1"	28	36	22

STUBBY IMPACT STAR SOCKETS

1/4"DR. HEX SHAPE STUBBY STAR IMPACT SOCKET

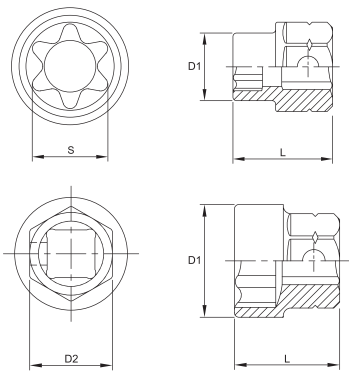


1/4"

Patent



	S	L (mm)	D1 (mm)	D2 (mm)
IESHMO26204	E4	10.5	6.4	11
IESHMO26205	E5	10.5	7.4	11
IESHMO26206	E6	10.5	8.4	11
IESHMO26207	E7	10.5	9.1	11
IESHMO26208	E8	10.5	10.4	11



3/8"DR. HEX SHAPE STUBBY STAR IMPACT SOCKET

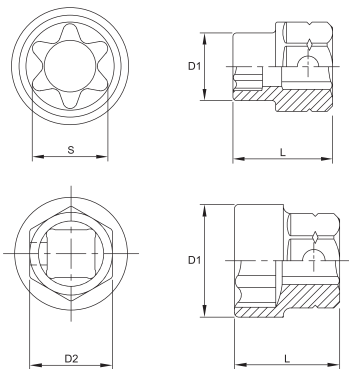


3/8"

Patent



	S	L (mm)	D1 (mm)	D2 (mm)
IESHMO36208	E8	27	11	17
IESHMO36210	E10	27	13	17
IESHMO36212	E12	27	15	17
IESHMO36214	E14	27	17	17
IESHMO36216	E16	27	19	17
IESHMO36218	E18	28.2	22	17
IESHMO36220	E20	29	24	17
IESHMO36222	E22	29	26	17
IESHMO36224	E24	29	28	17



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.



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NIPPON STEEL





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