



**UNISTRONG**

六曜實業股份有限公司

# UNISTRONG PARTNERS NETWORK



Unistrong was founded in Taiwan in 1996 based on the idea to serve the global metal manufacturers to translate their Vision into Reality!

UNISTRONG

# BUSINESS DIVSIONS



TOOLING



MACHINE



STAMPING



FASTENERS



PARTNERS



UNISTRONG



# OUR SERVICE

## ► **Factory planning**

Whole factory design and planning

## ► **Machine**

Any kind of machines in this industry

## ► **Tooling**

We supply you from a tiny pin to a complete set of tooling

## ► **Design & Development**

Tooling design and Product Development

## ► **Technical Support**

We are a total solution provider which works with our affiliated plant and enable our customer to compete in the global market.



**UNISTRONG**

# TURN-KEY SOLUTION

## RAW

- Picking / Drawing / Annealing

## Forming

- Nut / Part / Bolt Former / Header

## Threading Tapping

- Standard / Special and Long Nut
- Screw / Bolt / Set / Stud

## Second Operation

- Chamfering Machine
- Slotting Machine
- Washer Assembly Machine

## Surface Finished

- Electroplating / Dip Spin Coating / HDG

## Sorting/QC/ Packing

- Automatic Packing and Checking

## Our Experience

- ◆ Turkey
- ◆ Vietnam
- ◆ Malaysia
- ◆ Uzbekistan
- ◆ Egypt
- ◆ Algeria



UNISTRONG



# Machinery



UNISTRONG

# TOOLING SERVICE



## Integration Services

- One-stop service from design to tooling manufacturing



## Evaluate and Review

- Simply provide forming possibilities advice



## Manufacturing

- Manufacturing according to customer drawings



UNISTRONG



# INTEGRATION SERVICES



## Preliminary Assessment

- Scoping and Review the Product
- Confirm Feasibility



## Production Planning

- Equipment Selection
- Define the Forging Sequence



## Tooling Design

- Finite Element Analysis
- Development and Drawing Confirm



## Tooling Manufacturing

- Quality Control
- Delivery Management



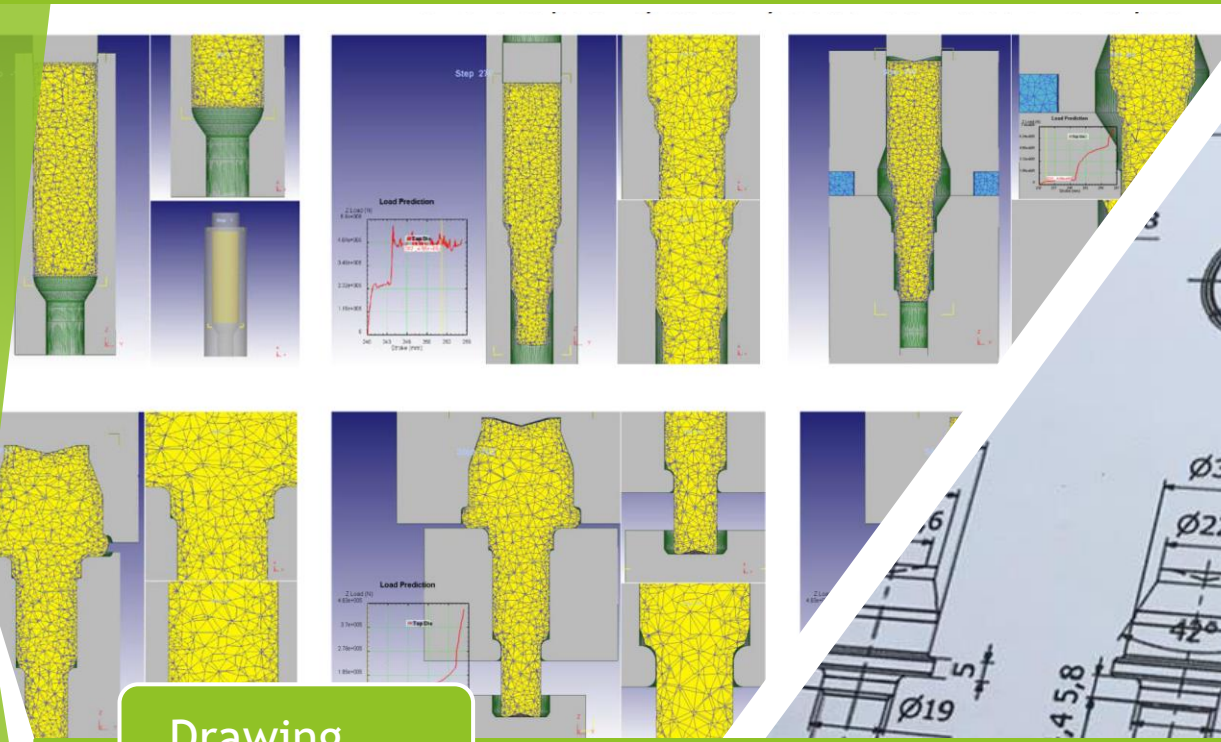
## Finally

- Feedback
- Design Alteration





# Tooling Design



## Drawing

- Provide all drawing, including Process, Punch, Die, Feed-roller and finger

## Simulation

- Our design team conducts simulations to check for any Potential problems in production.





# TOOLING MANUFACTURING

Supply Chain  
Integration

Quality Control

Project Management

Inventory Service

Delivery Tracking





# TOOLING MANUFACTURING



## Forging Die

- Main Die
- Punch Die
- Segmented
- Cut-Off / Knife

## Material

- Tungsten Carbide
- HSS/H11/D2



UNISTRONG





# TOOLING MANUFACTURING



## Pin and Sleeve series

K.O Pin / Punch Pin

Carbide Tip Piercing Pin

Full Carbide Pin

Hexagon Pin

Six-Lobe Pin

Special Punch Pin

K.O Pin Cap

Die Case

Die Insert

Spacer



UNISTRONG



# TOOLING MANUFACTURING



## Second Punch

### 1. Products

- \* ANSI Serial
- \* JIS Serial
- \* DIN Serial
- \* POZI Serial
- \* AFSQ (Square ANSI Flat Head) Serial
- \* Drywall Serial
- \* Six Lobe Serial
- \* Hexagon Serial

### 2. Material

M2 / M42



UNISTRONG



# TOOLING MANUFACTURING

## Transfer Finger

-Nut

-Bolt

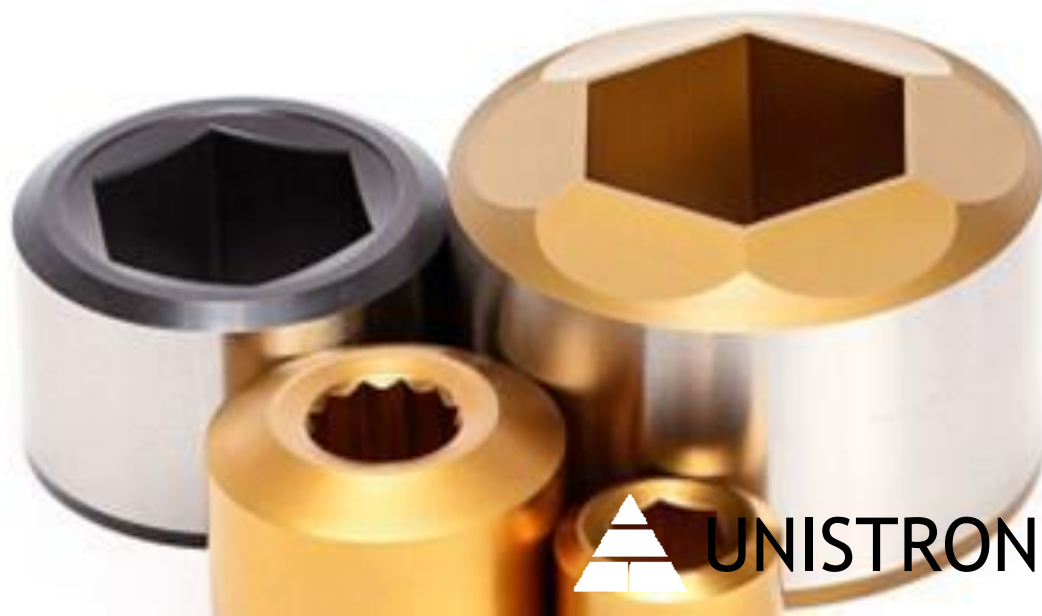
## Trimming Die

-Square

-Hexagon

-Octangle

-Special



UNISTRONG





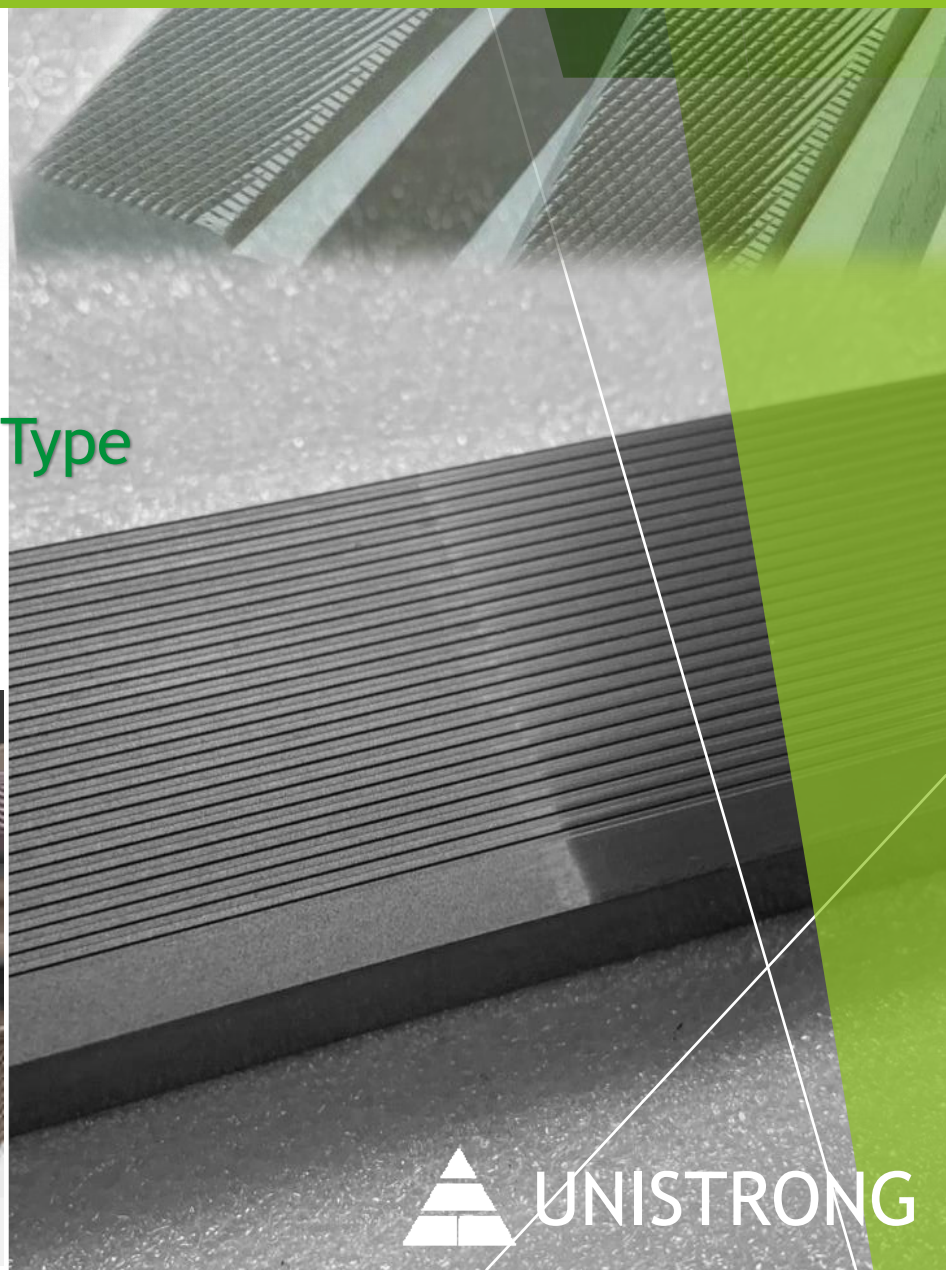
# TOOLING MANUFACTURING

## Flat Thread Roller Die

- Standard Machine Thread
- Tapping and Nail Screw
- Knurl Die
- Special Thread and Carbide Type

## Cylindrical Roller Die

- 2x Rolls and 3x Rolls



UNISTRONG



# TOOLING MANUFACTURING

## Tap

- Fluteless type
- Bent Shank type



## Pointing Die (HSS / Carbide)

- Pinch Point
- Center Point
- Nail Shape Point
- Wing Shape



UNISTRONG

# The Unique UNISTRONG

## ► Communicate

To develop lasting relationship with our customers taking time to communicate and understand their needs.

## ► Service

We are willing to take the extra step, think out of the box to enhance and value to the project quality.

## ► Solution

To offer unlimited choice of solution for our customers, turn plan into reality, delivered desired results, and expanding to new domain.



UNISTRONG



# Quality Assurance

QUALITY

INTEGRITY

COMPETITIVE  
PRICING

SERVICES

CONTINUOUS  
IMPROVEMENT

**DNV**

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 0575-2020-00-000-0000  
Initial certification date: 18 August, 2021  
Valid: 18 August, 2021 – 18 August, 2023

This is to certify that the management system of

**Unistrong Industrial Co., Ltd.**

No. 591/593/591 1/593 1, Chongming Rd., Tainan 701, Taiwan




has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:

**Provision of Sales Service for Fasteners, Machinery Equipment, Steel Wire,  
Spare Parts and Tooling Dies, Press Parts and Sub Assemblies**

Forward name:  
Shanghai, 18 August, 2021

For the issuing office:  
DNV - Business Assurance  
Suite 4, Building 5, No.1393 Hongqiao Road, Changning District, Shanghai  
200336, P.R. China  
TEL: +86 21 33790000

Zhu Hui Ming  
Management Representative

Valid only for the purpose of certification of the management system and not for the product itself.  
DNV and its associated logos are trademarks of DNV. All other trademarks are the property of their respective owners.

**DNV**

## MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 25152-2020-00-000-0000  
Initial certification date: 18 August, 2021  
Valid: 18 August, 2021 – 18 August, 2023

This is to certify that the management system of

**Unistrong Industrial Co., Ltd.**

No. 591/593/591 1/593 1, Chongming Rd., Tainan 701, Taiwan




has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:

**Provision of Sales Service for Fasteners, Machinery Equipment, Steel Wire,  
Spare Parts and Tooling Dies, Press Parts and Sub Assemblies**

Forward name:  
Shanghai, 18 August, 2021

For the issuing office:  
DNV - Business Assurance  
Suite 4, Building 5, No.1393 Hongqiao Road, Changning District, Shanghai  
200336, P.R. China  
TEL: +86 21 33790000

Zhu Hui Ming  
Management Representative

Valid only for the purpose of certification of the management system and not for the product itself.  
DNV and its associated logos are trademarks of DNV. All other trademarks are the property of their respective owners.



UNISTRONG



## Customer List:



- Japan
- Turkey
- Malaysia
- Indonesia
- Thailand
- USA
- UK
- South Africa
- Russia
- Poland
- Finland
- Dubai
- Germany
- Uzbekistan
- Egypt
- Vietnam
- India
- Korea

**UNISTRONG**

# WE TRANSLATE YOUR VISION INTO REALITY

Your Engineered Solution Provider of Tooling  
Design and Manufacturing



# UNISTRONG

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

