



HOLD WELL Industrial Co., Ltd.

More of **HOLD WELL**



HOLD WELL Industrial Co., Ltd.

1. HOLD WELL STORY

2. Product Range

3. OEM / ODM

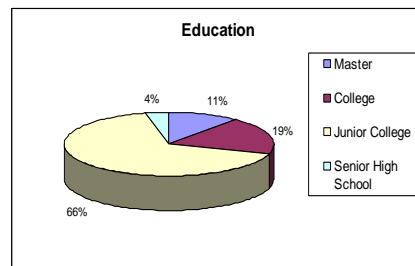
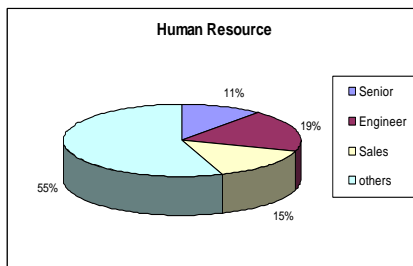
4. Products

5. What services we offer?



HOLD WELL Story- About Us

- ❖ Establishment: 1983 (30 years)
- ❖ President: Mr. Ruey-Ming Huang
- ❖ Human Resource
 - Employees: 50



HOLD WELL Values

Innovation	<ul style="list-style-type: none"> • Break the rule. • RD forms driven force. • Creativity comes from our nature.
Quality	<ul style="list-style-type: none"> • Quality First. • The core of work • Good quality comes from good software and system integration.
Service	<ul style="list-style-type: none"> • The best service is no service. • Efficient software application to ensure satisfactory service. • Knowledge base offers the best solution.
Pragmatism	<ul style="list-style-type: none"> • You get more than what you pay for. • Design and development come from the customers' requirement. • Win-win situation

HOLD everything WELL !



Products History

- ❖ 1983- Hydraulic Vise
- ❖ 1988- Tool Makers' Vise
- ❖ 1989- NC Vise
- ❖ 1990- Punch Former, Boring Head
- ❖ 1990- Motorized Punch Former, Measuring Machine
- ❖ 1995- Angle Head (AHA AHB)
- ❖ 2003- Power Vise, AHD
- ❖ 2006- VDI Tool Holder
- ❖ 2009- Auto Vise, Gear Hopping tool holder
- ❖ 2011- Aluminum Angle Head
- ❖ 2012- Heavy Duty Angle Head
- ❖ 2013- Light Angle Head



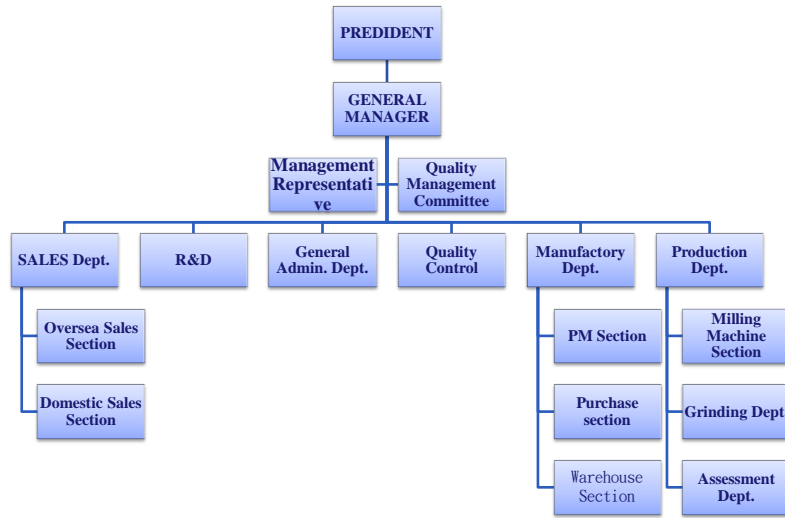
HOLD WELL STORY- CERTIFICATION

- ❖ Certification:
 - ISO: TUV

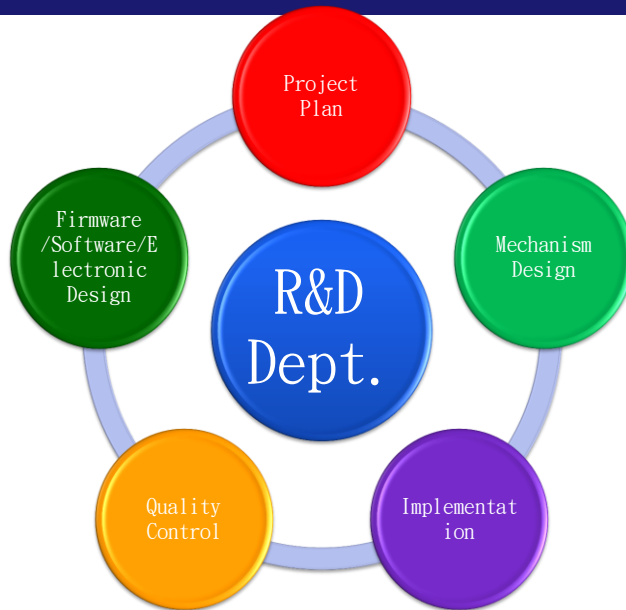




HOLD WELL - DEPT.



HOLD WELL - R&D Dept.





HOLD WELL - R&D

- ❖ Government Project
 - CITD
(Conventional Industry Technology Development)
- ❖ Patents:
 - 1-3 patents /per year
- ❖ New products
 - 1 product / 3 months



Date	Cert. No.	Country	Description of Patents
1988/09/15	057786	Taiwan	Structure improvement of Sine Plate
1988/03/15	043800	Taiwan	Horizontal Positioning System of Hydraulic M/C Vise
1988/03/14	043378	Taiwan	Self-positioning of Hydraulic M/C Vise
2006/06/06	95028799	Taiwan	Modular Angle Head
2007/01/02	96100052	Taiwan	Auto Clamping System (Under Application)
2007/12/26	10-0910872	Korea	Auto Vise
2009/09/11	M 364562	Taiwan	Tool Holder Structure with Internal Coolant Supply
2010/05/11	I 324546	Taiwan	Auto Vise
2011/11/08	US 8052130 B2	United States	Auto Vise
2013/04/24	ZL 2008 1 0096767.3	China	Punch Former with Servo Control



HOLD WELL - QC

❖ Measuring Equipment

- Coordinate Measuring Machine
 - Italy ARES Coord 3 7-7-5
- Roundness
 - Taylor Hobson Talyrond 265
 - Mitutoyo
- 2D
 - TRIMOS
 - TESA
 - SYLVAC





HOLD WELL - QC

- Hardness
 - AFFRI (Italy)
 - EQUOTIP (Swiss)
- Others
 - Swiss Made
 - Germany Made
 - Japanese Made



HOLD WELL - QC

- ❖ QC System
 - ISO 9001:2008
- ❖ QC analysis Software
 - SPC
 - For data collection and analysis
 - MSA
 - For measuring equipment management





Production Equipment

- ❖ For sample and RD
 - CNC milling machine
 - 3 or 4 axis*7
 - 5 axis*1
 - OD grinder
 - CNC OD grinder*2
 - Universal OD grinder*3
 - ID grinder
 - CNC ID grinder*2
 - Universal ID grinder*3
 - 2014 : CNC ID with 2 spindle*1
 - Surface Grinding
 - Auto : 9
 - CNC : 1



Production Equipment

- ❖ For mass production
 - CNC OD*10
 - CNC ID with 2 spindle*1
 - CNC ID*3
 - CNC Turning * 20
 - Turning and Milling Machine*10
 - 5 Axis Turning Machine *15
 - C Type CNC Milling Machine *20
 - Horizontal CNC Milling Machine*7
 - Outer teeth grinding machine*10



Accuracy of our products

❖ Accuracy

- 2μ(micron): 0.002mm
 - Punch Former, Angle Head, Tool Maker's Vise, Roundness Measuring M/C
- 3μ(micron): 0.003mm
 - Live Tooling
- 1 millimeter: 0.01mm
 - Power Vise, NC Hydraulic M/C Vise
- 3 millimeter: 0.03mm
 - Hydraulic M/C Vise

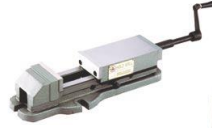


Product Introduction



Vise Series

Hydraulic M/C Vise



NC Hydraulic M/C Vise



MC Precision Power Vise



Auto vise



Angle Head Series

❖ Standard Type





Angle Head Series

❖ Modular Type



Angle Head Series

❖ Aluminum Type

❖ Light Angle Head

❖ Light & Longer Angle Head



❖ Internal Coolant

❖ Light Universal Angle Head



Angle Head Series

❖ Flange Type Angle Head



Live Tooling Series

◦ VDI Live Tooling

- DIN1809 / MT / DIN5480 / DIN 5482 / HAAS / Mazak
- Axial (offset) / Radial (offset) / Angle Adjustable / ER Tapping / Gear Hobbing.....





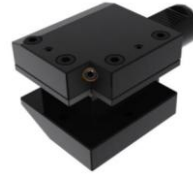
VDI Static Tool Holder



THA-B TYPE



THA-C TYPE



THA-D TYPE



THB-E4 TYPE



THB-E2 TYPE



THB-T1 TYPE



Mazak Static Tool Holder





Live Tooling Series

- BMT Live Tooling
 - Doosan / Mori Seki / Nakamura
 - Axial (offset) / Radial (offset) / Angle Adjustable / ER Tapping / Gear Hobbing.....

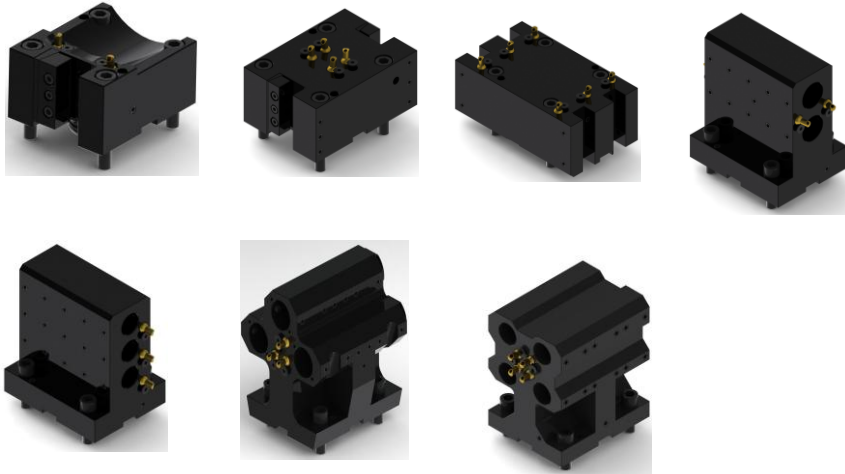


BMT Doosan Static Tool Holder

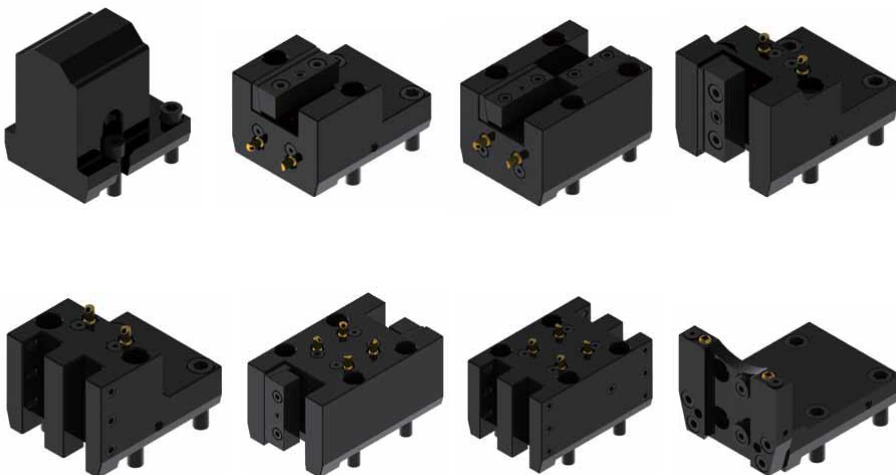




Mori Seiki Static Tool Holder



Okuma Static Tool Holder

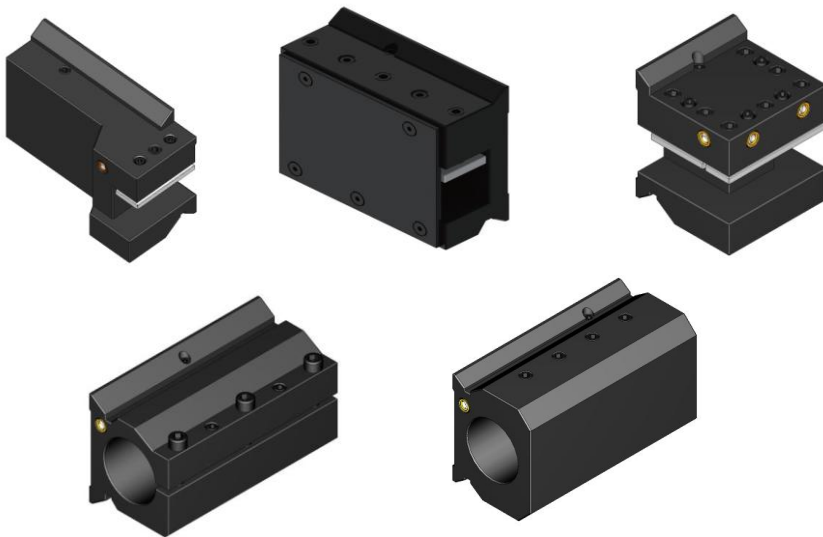




Okuma Static Tool Holder

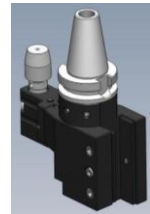
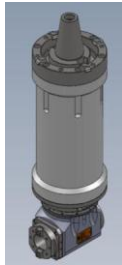
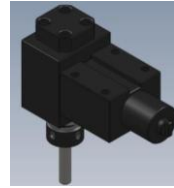
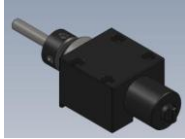


Dovetail Tool Holder

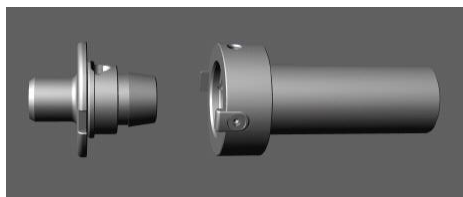
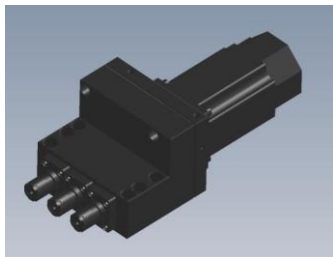
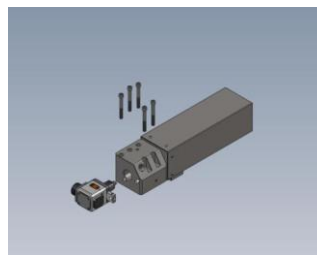
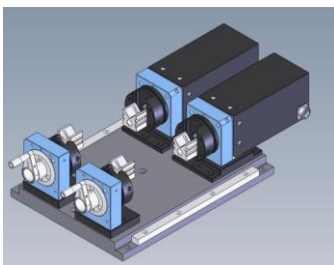




OEM / ODM Example

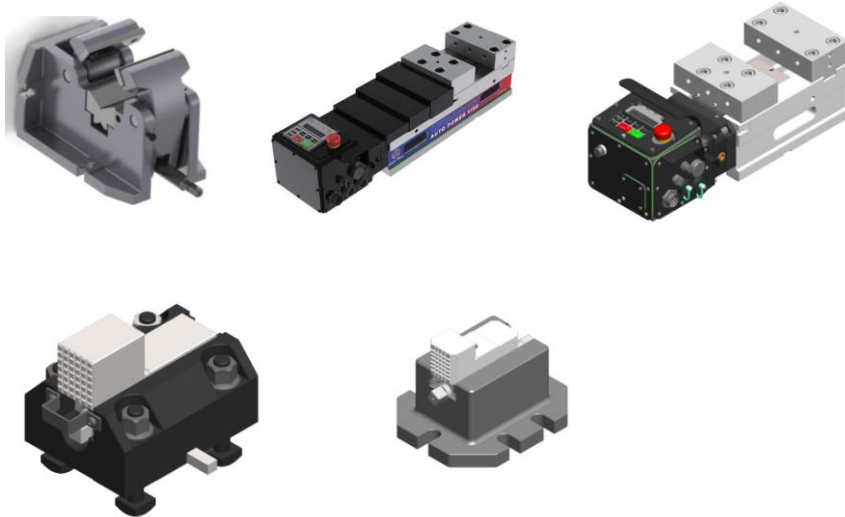


OEM / ODM Example





OEM / ODM Example



OEM & ODM Mark

- Country
 - Germany- Vise / Angle head
 - Korea - Vise
 - Swiss - Live tool / Static tool
 - USA - Live tool / Static tool
 - Canada - Live tool / Static tool / Angle Head
 - Italy - Tool holder / Live tool / Static tool
 - Japan - Live tool / Static tool / Parts



Q & A



Thank You
For Your Listening