

# Major Industries Ltd.

Cold Forming Tooling Specialists



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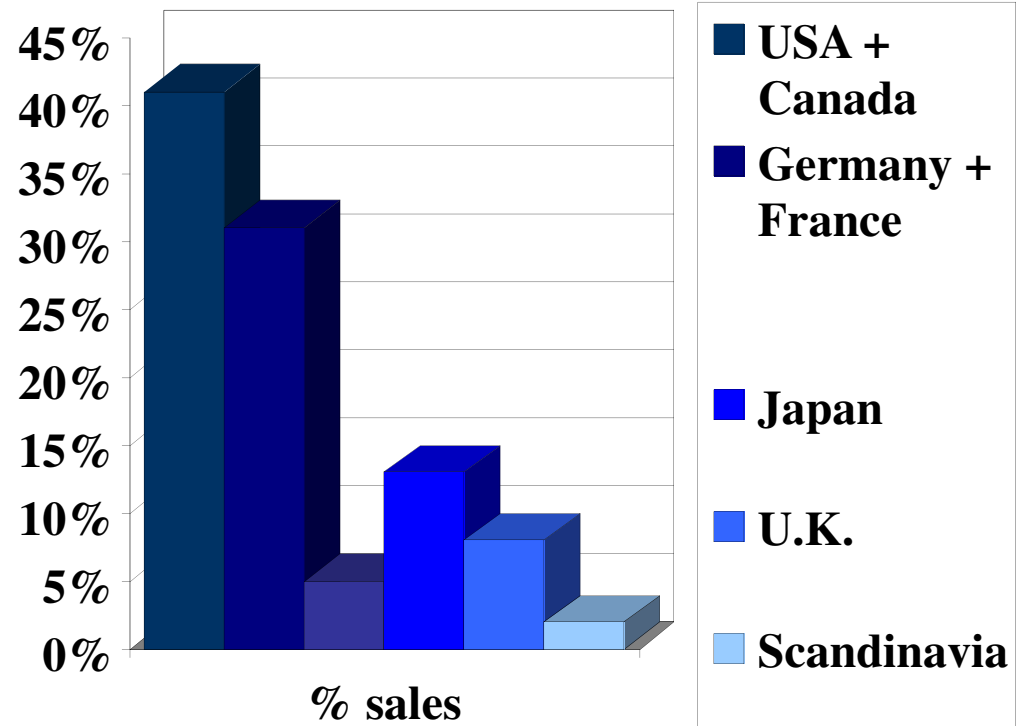
Cold Forming Tooling Specialists

- Founded 1983
- Cooperation with Bergkvist since 1989
- Employees: 175
- Representations: 8 world wide
- Sales 2017: US\$ 18 MILLION
- Output: 270.000 pieces with 30.600 orders with 9800 deliveries

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- Main Markets
- USA + Canada
- Germany + France
- Japan
- United Kingdom
- Scandinavia



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## Product Groups

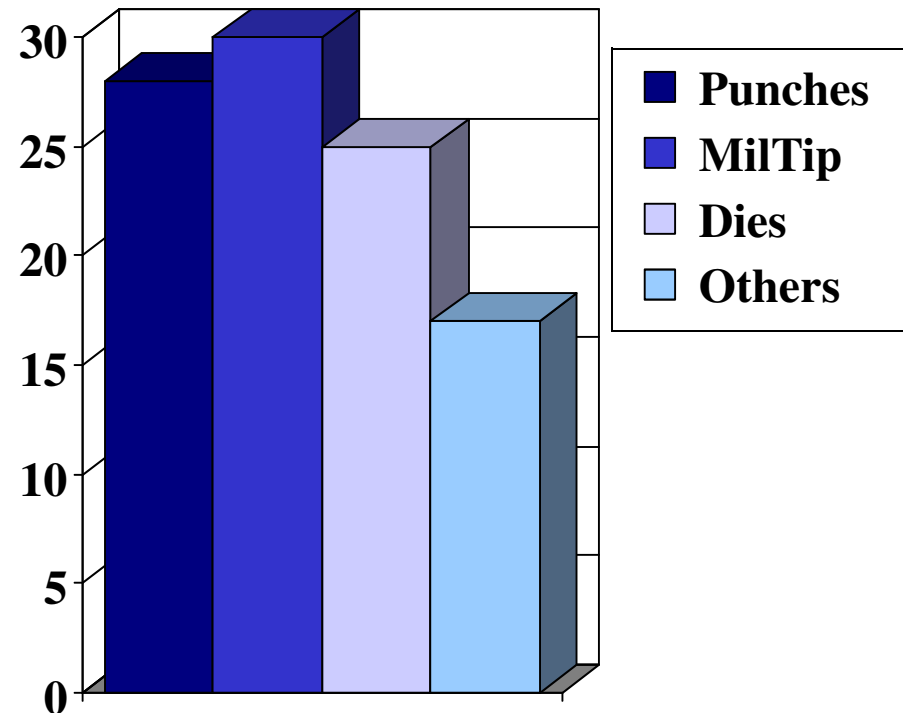
- **Punches**
  1. High speed steel 0.8 mm~60 mm, maximum length 400 mm
  2. Solid carbide 1.5 mm~60 mm, maximum length 400 mm
- **Piercing Punches MilTip**

Brazing limitation 4 mm~30 mm, maximum length 400 mm
- **Dies**

Die Case maximum O.D. 180 mm, maximum height 250 mm  
Die Core minimum bore 3 mm, minimum height 20 mm
- **Segmented Dies**

Die core minimum hexagonal A/F 4mm

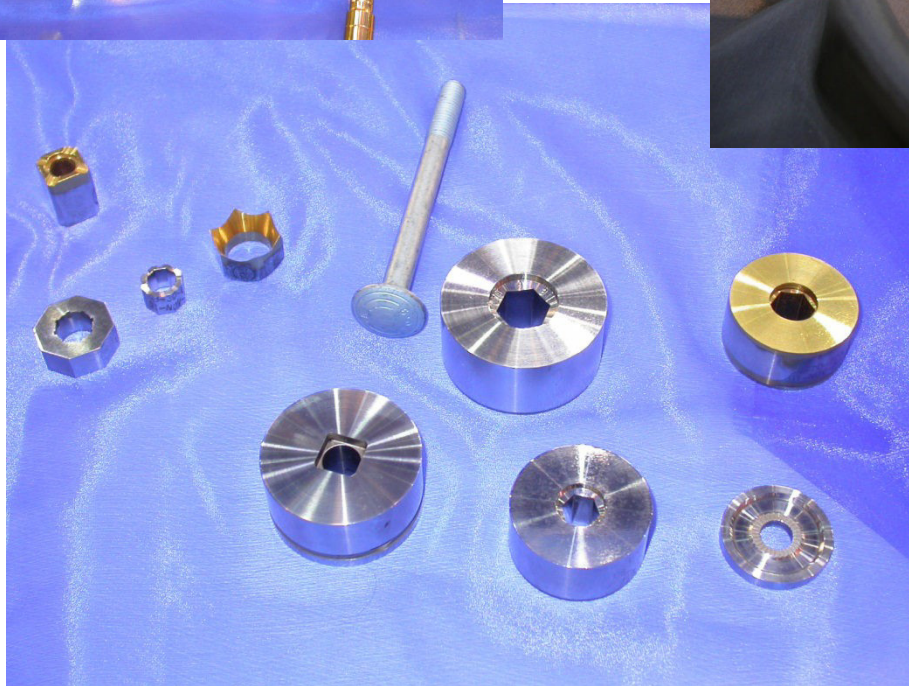
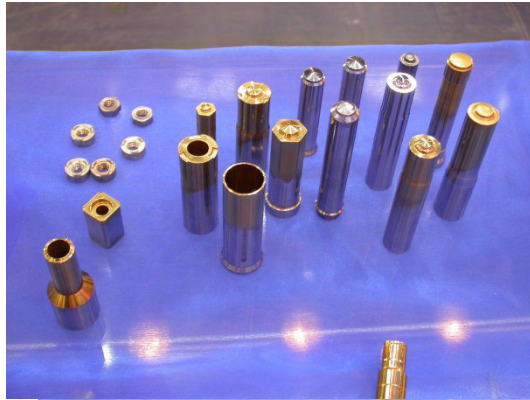
Please ask for dimensions out of the limitation





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## Production Equipment

16 x CNC Lathe

9 x High Speed Precision Lathe

15 x Table Lathe for Lapping

4 x Grinding Forming Lathe

6 x Vertical Turret Milling Machine

3 x High Performance Vertical Machining Center

5 x Precision Surface Grinding Machine

2 x Universal Tool Grinding Machine

4 x Internal Cylindrical Grinding Machine

2 x Cutter Tool Grinding Machine

6 x Centerless Grinder

2 x Table Grinder

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## Production Equipment

- 4 x Cylindrical Grinding Machine
- 2 x Drilling Machine
- 2 x Honing Machine
- 2 x Sand Blaster
- 3 x Vacuum Heat Treatment Furnace
- 1 x Salt Bath Heat Treatment Furnace
- 4 x Electric Heating Furnace
- 1 x Sub-Zero Cryogenic Treatment System
- 3 x PVD Coating System
- 11 x EDM
- 1 x EDM Driller

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## Measuring Equipment

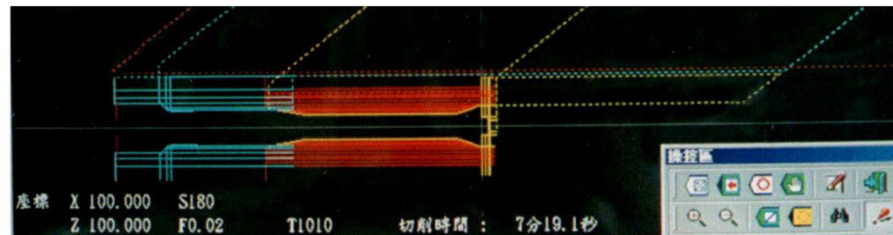
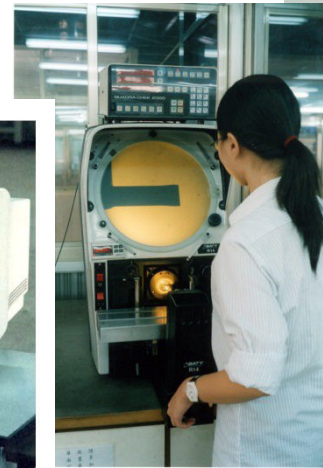
- 1 x Coating Thickness Tester (Kalotest)
- 2 x Micro-Hardness Tester (Include Metallurgical Microscope)
- 5 x Video Measuring System
- 4 x Contoured Measuring Instrument
- 1 x 3D Coordinate Measuring System
- 3 x Profile Projector
- 2 x Concentricity Gauging System
- 3 x Rockwell Hardness Tester
- 2 x Height Gauge



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## Measuring Facilities



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## Coating and Heat Treatment Equipment



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## Features

- Patented Product: MilTip Piercing Punch
- Customized Material (Steel & Carbide) towards our customer's requirement,
- Customized PVD and Heat Treatment process
- Continuous improvements for product adjustments to customer's requirement
- On time delivery

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Our Mission is to develop long term business relationships by meeting our customers every day requirements with on time delivery of highest quality tooling, excellence in customer service and added product value.

Please take us by word.