

HISTORY

Footprint Growth of the Metal Industry

Industrial Development in Taiwan

Establishment Stage

- Hardware
- Silverware
- Metal Handicraft
- Sawing Machine
- Steel
- Hand Tools
- Machine Tool
- Bicycle
- Jack

Growth Stage

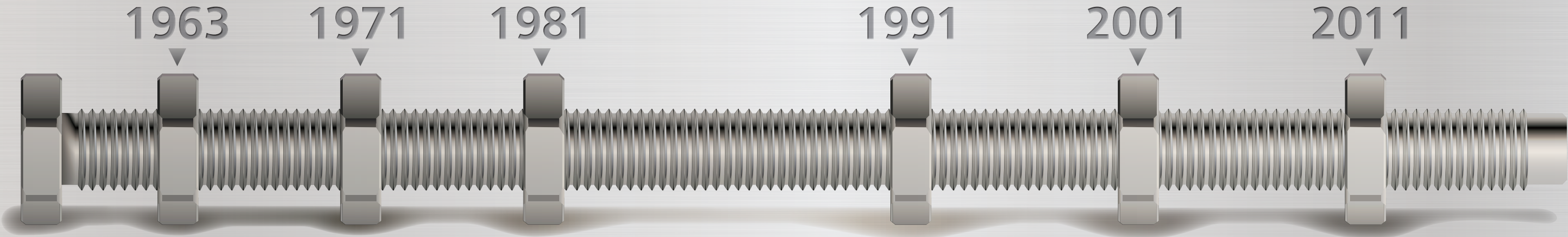
- Bicycle Parts and Accessories
- Motorcycle Parts and Accessories
- Automobile Parts and Accessories
- Lock Making
- Casting
- Forging
- Fasteners
- Forming Machines
- Machinery Parts and Accessories
- Mold & Die
- Valves/Faucet
- Parts and Accessories for 3C Products
- Automation Industry

Upgrading Stage

- Parts and Accessories for Precision Machinery
- Parts and Accessories for Opto-electronics Products/Equipment
- Parts and Accessories for Portable Electronics Products
- Flexible Manufacturing Unit Automation Service

Transformation Stage

- Electronic Vehicle Industry
- Precision Machinery Industry
- Intelligent Automation Industry
- High value-added Metal Material Industry
- Renewable Energy Equipment Industry
- Display Industry
- Lighting Industry
- Smart Living Industry
- Biotechnology Industry



Role of MIRDC

Establishment

- Survey of Industrial Status
- Promoted Development Conferences for Related Industries
- Technology Transfer
- Overseas Technology Study

Assisted to Establish China Steel Corporation

Establishment of Basic Technical Capabilities Promotion of Industrial Development

- Assist to Formulate Policies for Industrial Development
- Assist to Formulate Strategy for Steel Industry
- Assist to Establish China Steel Corp
- Establish Metal Industrial Research Institute
- Promote Quality Control for Hand Tool Related Industries and Assist Export Testing
- Promote Precision Machinery Center
- Assistance on Industrial Management & Technology

Establishment of Basic Industry

Supportive Industrial Service of Products and Technologies R&D

- Assist to Upgrade R&D Capabilities for Industries
- Promote Industrial Automation
- Promote Assistance on Central-satellite System and Strategic Industries
- Establish CAD/CAM Center
- Promote Air Pollution Prevention

Promotion of Industrial Automation

System Integration to Facilitate Industrial Upgrading

- Assist to Upgrade Traditional Industries
- Promote Management Computerization
- Assist to Promote Industrial Cooperation Program
- Introduce ISO 9000 and CE Mark Systems
- Establish Factory Automation Task Forces
- Develop Testing Technologies
- Promote R&D Project of Industrial Mold Technology
- Promote R&D Project of Second Processing Technology

Assistance for Traditional Industries Value-added Transformation

Innovation and Foresight to Promote Industrial Value-adding

- Step in Innovative Technology Fields of Micro Manufacturing, Electronic Vehicle, Medical Devices and Opto-electronics Industries
- Taking Knowledge Management and E-automation Promote Industrial Transformation
- Globalization of Product Certification and Accreditation
- Assist Value-added Heightening and Value Creation for Product
- Establishment of Common Labs
- Promotion of R&D Alliances and Industrial Clusters

R&D and Manufacturing of Key Materials / Development of Low-carbon Emerging Industries

Manufacturing Advancement Facilitated Development of Emerging Industries

- Promote Energy Saving and Green Technologies and Bring Development of Low-carbon Emerging Industries
- Integrate Marketing Service and Promote Servitization in Manufacturing
- Enhance IP Application, Promote Technical Value Creation and Commercialization
- Promote Trial Manufacturing Center to Provide Traditional Industries with One-stop Service
- Enhance International Business Promotion