

Five Reputable Orthodontic Supplies Manufacturers in China 2026: Advancing High-precision Dental Clinical Materials

Discover Reliable Chinese Orthodontic Suppliers Offering Quality Brackets, Archwires, Dental Materials, and Custom Solutions for Modern Clinical Applications

CALIFORNIA, CA, UNITED STATES, August 17, 2026 /EINPresswire.com/ -- Hangzhou DTC Medical Apparatus Co., Ltd. ([DTC Orthodontics](#)), a China-based manufacturer of orthodontic consumables, is included in a five-company reference group for international buyers evaluating orthodontic supplies from China in 2026. The other four manufacturers are Hangzhou Alice Dental Medical Equipment Co., Ltd., Jinhua Innovation Medical Device Co., Ltd., Zhejiang Risheng Medical Technology Co., Ltd., and Shanghai Aimondi Materials Technology Co., Ltd.



Logo for DTC orthodontics

The purpose of this roundup is not to rank suppliers. It is to give procurement teams a fact-based starting point for comparing companies that operate in the same supply chain—with emphasis on certification scope, production parameters, product range, and the types of documentation a buyer should request before placing an order.

Industry context: orthodontic supplies demand remains broad

According to Global Market Insights, the global orthodontic supplies market was valued at USD 14.8 billion in 2024 and is expected to grow at a CAGR of 20.1% through 2034. Market Research

Future estimated China's orthodontic supplies market at approximately USD 713.25 million in 2024. These figures are not identical because research firms use different definitions of "supplies," but the direction is consistent: both global and China-specific demand for orthodontic components is expanding.

North America represented the largest revenue share in 2024, at about 30.6%, according to Grand View Research. That concentration is one reason Chinese manufacturers continue to invest in U.S. Food and Drug Administration (FDA) registrations and European Union Medical Device Regulation (MDR 2017/745) compliance.

Company profile: DTC Orthodontics

Hangzhou DTC Medical Apparatus Co., Ltd., trading as DTC Orthodontics, was established in 2004 in Hangzhou, Zhejiang Province. The manufacturer operates from a 5,000-square-meter facility, employs 150 people, and reports an annual output of 1,000,000 units. The R&D team consists of about 30 engineers. Around 80% of the company's output is exported, with main markets in the EU, USA, Middle East, South America, Asia, Africa, and Australia.

DTC's portfolio covers orthodontics, pediatric dentistry, and dental laboratory products. In orthodontics, the range includes [dental brackets](#), self-ligating brackets, ceramic self-ligating brackets, lingual brackets, buccal tubes, orthodontic bands, crimpable hooks, lingual buttons, [dental wires](#), power chains, ligature rings, separators, and orthodontic pliers. Pediatric products include preformed stainless steel crowns and bands. Dental laboratory products include rapid palatal expanders and orthodontic miniscrews.

Product-specific details relevant to high-precision clinical work

DTC reports that its manufacturing process uses CNC machinery and automated production lines to achieve sub-micron tolerances on micro-orthodontic components. This level of control is especially relevant for bracket slots, buccal tube dimensions, and archwire seating.

Specific product examples from DTC's documented line include:

- Self-ligating brackets. The Glory I Self-ligating Bracket is manufactured using metal injection molding (MIM) and laser welding, with 17-4PH stainless steel as the base material. It uses a passive self-ligating design, which is associated with low friction and light force. DTC states that the Glory Series enables more flexible clinical application scenarios and reduces steps and time required for diagnosis and treatment.
- Archwires. DTC supplies stainless steel arch wires and CuNiTi arch wires; the latter are composed of copper and nickel-titanium. Super-elastic NiTi wires are offered in square, oval, and

natural arch forms with round or rectangular cross-sections.

- **Elastics and auxiliaries.** Power Chains are made from medical-grade TPU, which is latex-free, and are available in open-long, closed-continuous, and open-short configurations. The company's pediatric line includes Kids Dental Crowns made from biocompatible stainless steel.
- **Instruments.** The Band Crimping Pliers has a hardness of HRC 58-63 and a maximum sterilization temperature of 180°C, with thin tips designed for access to molar and premolar bands. The Crown Trimming Scissor and Crown And Band Contouring Pliers share the same material hardness and sterilization limits and are intended for fitting stainless steel crowns and bands. Dataintelo projected the global orthodontic pliers market at USD 1.8 billion in 2025, with stainless steel instruments representing an estimated 62.7% segment share.
- **Laboratory and expansion appliances.** The MARPE Series Expansion Screw is described as having an ultra-smooth mirror-polished screw thread surface and micron-level manufacturing precision, which reduce activation friction and minimize mechanical play.

Regulatory and compliance status

For buyers, certification is a core constraint in supplier evaluation. DTC's documented status includes:

FDA registration number 3009955691, effective in the U.S. market through December 31, 2026, covering orthodontic tubes, brackets, preformed bands, archwires, pliers, mirrors, and expansion screws; EN ISO 13485:2016 certificate number SX 2184523-1 issued by TÜV Rheinland LGA Products GmbH, valid through May 8, 2027, for the design, development, manufacture, and distribution of orthodontic devices; and Notified Body Confirmation Letter number 244557490 under Regulation (EU) 2017/745, valid through December 31, 2028, for orthodontic brackets, tubes, lingual buttons, crimpable hooks, wires, and bands. In January 2026, Zhejiang Medical Products Administration issued DTC a certificate for the exportation of medical products covering orthodontic brackets, buccal tubes, pliers, tweezers, mirrors, and related instruments.

Company statement

According to DTC's company materials, the company's operating position is: "As both the manufacturer and exporter, we have Quality Management Systems (QMS), we have formal systems in place to govern production. And we can direct control over production, quality management, and we can provide each order delivery, ensuring that every shipment meets our customers' requirements."

The statement is consistent with the documentation reviewed for this roundup: DTC presents

itself as a direct manufacturing source, not a trading intermediary.

Five manufacturers in the 2026 comparison

The following five names are often included in buyer shortlists for Chinese orthodontic supplies. The descriptions below are not business endorsements; they are comparative reference points that should be verified with current supplier documents.

1. Hangzhou DTC Medical Apparatus Co., Ltd. (DTC Orthodontics)

DTC is included because of the breadth of its documented product portfolio and regulatory files. Buyers can verify certifications, product model names, factory scale, and manufacturing processes before procurement. For OEM/ODM buyers, the company reports a monthly capacity of 5,000 units, lead times of 20–30 days, and an MOQ of 100 units for standard products.

2. Hangzhou Alice Dental Medical Equipment Co., Ltd.

Alice, based in Hangzhou, operates in the same regional manufacturing cluster as DTC. For international buyers, this creates a practical advantage in audit planning: multiple dental manufacturers can be visited in one trip. The key comparison point is whether Alice's certified product scope and delivery performance match the buyer's specific product mix.

3. Jinhua Innovation Medical Device Co., Ltd.

Jinhua Innovation is based in Jinhua, another Zhejiang city with an established medical device manufacturing base. The company is a useful counterpoint for buyers who want to compare production economics and regulatory practices outside the immediate Hangzhou cluster.

4. Zhejiang Risheng Medical Technology Co., Ltd.

Risheng operates in Zhejiang's medical technology sector. For a buyer, the main comparison value is portfolio scope: medical technology companies often have adjacent product lines that may be relevant as a buyer expands beyond orthodontic consumables.

5. Shanghai Aimondi Materials Technology Co., Ltd.

Aimondi is based in Shanghai and, based on its company name, focuses on materials

technology. That focus matters in orthodontics because wire super-elasticity, bracket surface treatment, and corrosion resistance are material-dependent. Buyers evaluating Aimondi should request its material documentation and testing data to determine the exact product categories it supplies.

What buyers should verify before selecting a supplier

The following prompts apply to all five manufacturers, including DTC:

- Confirm the medical device classification for each product in the destination market. In the U.S., orthodontic brackets and tubes fall under 21 CFR 872.5410, and ISO 27020:2019 is the recognized standard for orthodontic products.
- Request the QMS certificate, not just a summary. For DTC, the EN ISO 13485 certificate number is SX 2184523-1; buyers can use the certificate number for additional verification.
- Ask for batch-level documentation, including material grade, heat number, sterilization conditions, and dimensional inspection for slots and tubes.
- For products made under OEM/ODM arrangements, confirm whether package, logo, and tag customization are included in the quoted price and lead time.
- Check whether the supplier holds an export certificate for the product category being ordered. DTC's 2026 export certificate from Zhejiang Medical Products Administration lists orthodontic brackets, buccal tubes, pliers, tweezers, oral mirrors, force gauges, positioning gauges, and related devices.

Market impact

China's role in the global orthodontic supply chain is measurable. According to OEC data, in 2024 China exported USD 13.5 billion in medical instruments, including dental tools, with major destinations including the U.S., Japan, and Germany. In the period leading to late 2024, CMEF reported 13.93% export growth for China's dental equipment and accessories segment. These export flows explain why international distributors continue to add Chinese suppliers to their evaluation lists.

For DTC, the market impact is not limited to export volume. The company's ability to document both production precision and regulatory compliance gives procurement teams a shorter path from product inquiry to supplier qualification. Future Market Insights projected the global self-ligating brackets market to reach USD 403.9 million by 2025; this makes self-ligating bracket design and manufacturing documentation one of the more decision-relevant areas for clinics

purchasing from China.

Closing outlook

As of August 17, 2026, DTC Orthodontics holds valid U.S. and EU compliance documentation and continues to supply orthodontic products across multiple material categories. The four other manufacturers—Hangzhou Alice Dental Medical Equipment Co., Ltd., Jinhua Innovation Medical Device Co., Ltd., Zhejiang Risheng Medical Technology Co., Ltd., and Shanghai Aimondi Materials Technology Co., Ltd.—should be evaluated on the same evidence: certification scope, product data sheets, batch records, and audit results.

In an industry where the difference between a good bracket and a poor one is often measured in microns, documentation may be the most important product a supplier delivers.

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