WWW.CHSSB.COM

SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

Shijiazhuang Factory

Shijiazhuang CAPT Power Transmission Co., Ltd.
Add.: No.1 Guoxing Street, Gaocheng New District, Shijiazhuang,
Hebei, 052160, P.R. China
Tel: +86-311-68018088
Email: chssbiec@chssb.com
Web: www.chssb.com

Overseas Sales

Shijiazhuang CAPT Power Transmission Co., Ltd.
Add.: 29F, Rong Tong Caijin Bldg, No.598 Zhongshan East Road, Changan
District, Shijiazhuang, Hebei, 050022, P.R. China
Tel: +86-311-68018088
Fax: +86-311-68018010
Email: chssbiec@chssb.com
Web: www.chssb.com

Domestic Sales

Shijiazhuang CAPT Power Transmission Co., Ltd.
Add.: 29F, Rong Tong Caijin Bldg, No.598 Zhongshan East Road, Changan
District, Shijiazhuang, Hebei, 050022, P.R. China
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石家庄凯普特动力传输机械有限责任公司

CAPT POWER TRANSMISSION 凯普特传动

Dynamic Transmission

PROFESSIONAL PROVIDER OF CUSTOM MANUFACTURING AND SERVICES FOR A BROAD RANGE OF POWER-TRANSMISSION COMPONENTS

- Participating Drafter of National standard
- Green intelligent manufacturing practitioner
- Customized high-end PT products manufacturer

凯普特传动

– SINCE 1986 –

40 YEARS OF PRECISION FUTURE OF POWER TRANSMISSION

COMPANY PROFILE



Shijiazhuang CAPT Power Transmission Co., Ltd. is a comprehensive manufacturer specializing in precision mechanical power transmission products, integrating research and development, production, and sales.

For 40 years, CAPT has been committed to delivering high-quality, high-precision, and efficient products to customers worldwide.

Today, the "CAPT" brand is recognized by a large number of domestic and international customers as a trusted name for premium mechanical power -transmission solutions.



SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

TIMELINE



1986 August
CAPT was established.

1993
CAPT expanded manufacturing capacity.

1996
In 1996, we obtained ISO 9001:1994 certification among domestic pioneers, issued by Beijing Huaxin Technical Inspection Co., Ltd.

2002
CAPT was among the early companies in the industry to obtain ISO9001: 2000 QC certification via the UK’ s Lloyd’ s Register Quality Assurance Limited (LRQA).

2008
CAPT expanded its business range with additional investment.

2011
CAPT was relocated from Shijiazhuang urban district to Gaocheng Economic Development Zone.

2017
Boosted investment and launched industrialization-informatization integration to improve overall competitiveness.

2019
March 2019, CAPT planned to invest in building a new factory with annual output of near 10 million pieces of various mechanical PT and drive products.

2021
New factory completed after over two years’ preparation. The company relocated. It optimized on-site operations via 6S lean management and entered a new development stage.

2023
Stabilized production, advanced innovation & management reform. Awarded High-tech, Specialized and Sophisticated and Provincial Single-Champion Enterprise titles, starting a new growth phase.

2025
Upgraded steel & low-temperature-resistant taper bushes and pulleys. High-strength, high-precision, safe,reliable energy-saving & eco-friendly, well-received globally.

2026
Marked the 40th anniversary. Building on past achievements, it set new goals and started a new journey.

2026
In 2026, the enterprise celebrates its 40th anniversary. Looking back on years of crafts-manship, we set new development goals and forge ahead to open a brand-new chapter.

SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

CORPORATE CULTURE

CORPORATE MISSION:

Develop new technology
Manufacture high-end products
Serve the global industry

CORPORATE SPIRIT:

Study | Practice
Progress | Innovation

BUSINESS PHILOSOPHY:

Focus on customer needs and lead progress
Better quality builds CAPT brand
Sincere service drives CAPT values

CORE VALUES:

Virtue drives trust

CORPORATE STYLE:

Continued growth
Emphasizing solidarity
Utilizing science
Strive for efficiency

ACTION PRINCIPLES:

Rapid response,
Superior ingenuity

TALENT STRATEGY:

Respect morality
Encourage kindness

QUALITY VIEW:

World class quality,
Exceptional engineering

見賢思齊



SHINE THE LIGHT OF CAPT WISDOM
RESONATE WITH THE PULSE OF THE WORLD

| Learning | Innovating | Improving | Developing |

From this practice, you can see our development track



SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

CAPT 凯普特传动
POWER TRANSMISSION
Dynamic Transmission

TRUST CAPT
MANAGEMENT PRINCIPLES



Extensive Product Range

8 Categories, 160 Series,
45,000 Specifications.



High-End Custom Manufacturing Experts

Customized OEM, ODM,
OBM Service available.



Strong Technical Support

Professional Technical Team,
24/7 Rapid Response, Strong
Technical Support.



Multi-Channel Business Model

Flexible E-Commerce,
Customization, Shared
inventory, Small-batch retail.



Overall Solution Experts

Full life-Cycle Mechanical
Power Transmission Solutions.



More Product Details

www.chssb.com/en.html



Rapid Inventory Delivery System

Tens of Thousands of Pieces
in Stock for Rapid Delivery.



Sophisticated Production System

Full CNC Manufacturing
Process Production.



Intelligent Digital Control

Smart Digital Management
through a Self-developed
Enterprise System.



Effectively Control Costs

Cost efficiency that meets
Customer expectations.



Strict Quality Control

Advanced Inspections,
Full Process Control.



Domestic and International Sales Calls

Domestic: +86-311-68018026
Overseas: +86-311-68018088

SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

CAPT STRENGTH

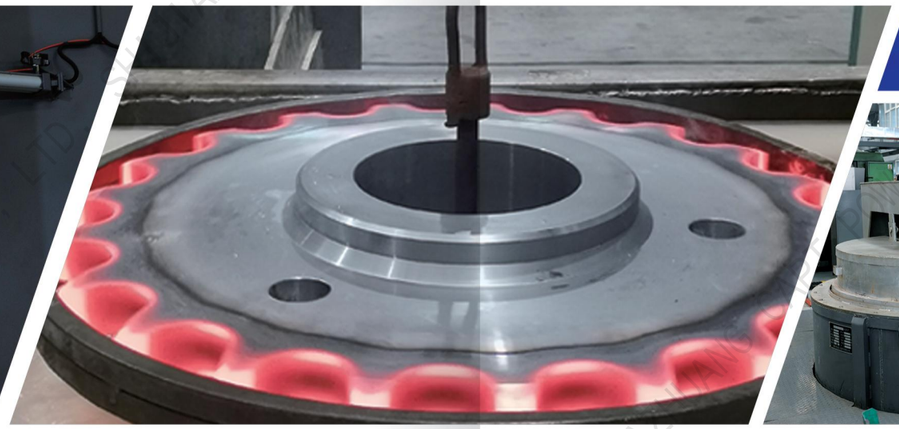
CAPT is a comprehensive manufacturer specializing in mechanical power transmission and industrial drive components.

The company operates over 700 sets of machining and auxiliary equipment including over 300 CNC lathes, 120 machining centers, and 120 specialized machines for drilling, grinding, slotting, broaching, welding, heat treatment, and surface finishing. These advanced facilities offer high precision, strong reliability, and a wide production range, enabling customized research, development, and manufacturing to deliver comprehensive industrial solutions for global customers.







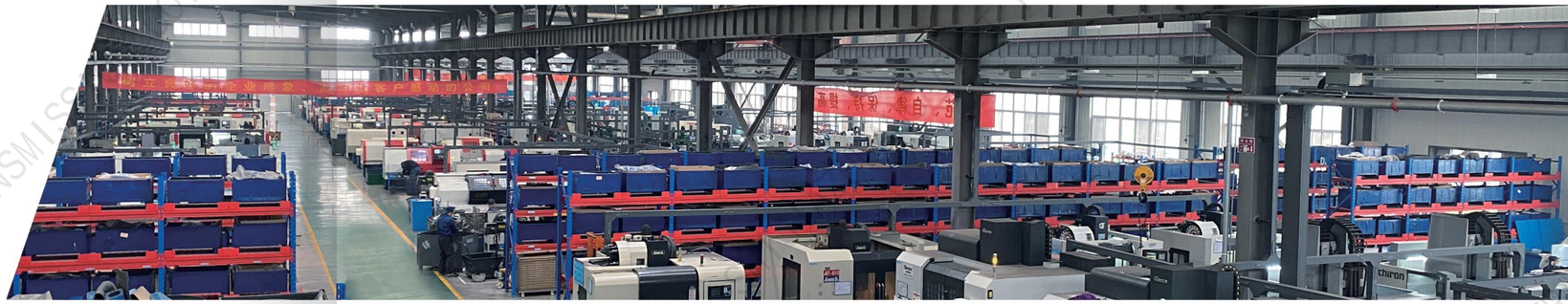






ENVIRONMENTAL SCALE

Plant area: 51,300㎡/560,000ft²
Building area: 44,100㎡/475,000ft²
Office and auxiliary facilities area: 7,200㎡/78,000ft²

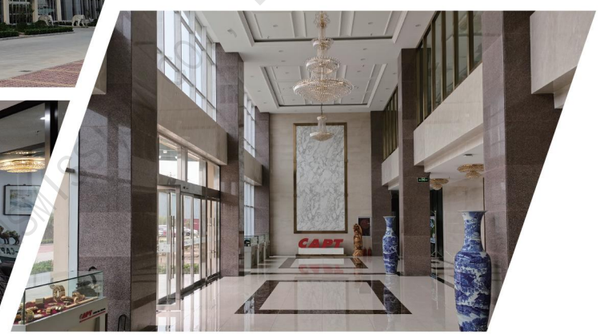


















PRODUCTION ENVIRONMENT

1986 Built In | **2.48+** Acre of Land | **160+** Types of Product | **45000+** Product Specifications

QUALITY CONTROL

PRECISION | RELIABLE | DURABLE

PRECISION AND INTELLIGENT MANUFACTURING, CONTINUOUSLY MEETING CUSTOMER NEEDS

As a responsible and committed privately owned power transmission manufacturer in China, CAPT takes great pride in its commitment to high-quality products, systematic improvement, and continuous optimization. Every product we deliver embodies our unwavering dedication to excellence and precision craftsmanship.



PRECISION · RELIABLE · DURABLE · EFFICIENT

CAPT ENHANCING EFFICIENCY OF MECHANICAL POWER TRANSMISSION

CAPT's power transmission products span 160 series with over 45,000 standard specifications. Leveraging advanced technology and reliable quality, CAPT exports over 85% of its products worldwide, serving as a trusted supplier in the European, U.S., and Japanese markets. It is widely recognized by many down-stream customers within the power transmission components industry.

SPROCKETS | V-BELT PULLEYS | TIMING PULLEYS | TAPER BUSHINGS | KEYLESS LOCKS | GEARS | RACKS | COUPLINGS | GEAR OPERATORS ... ...



Custom non-standard parts available | Suitable for heavy-duty conditions
Development by drawings or samples | Bulk supply acceptable

HIGH-PERFORMANCE TRANSMISSION GEAR SOLUTIONS!

HIGH-PRECISION GROUND GEARS

Stable and reliable precision, smooth transmission operation

Well-formed gear teeth, low noise and wear resistance

High batch consistency, good interchangeability of parts

Extensive product coverage, suitable for various transmission



CAPT-HHD®

Material series: C45 steel, EN-GJS-500-7/EN-GJS-600-3

FACILITATING EFFICIENT AND ENERGY-SAVING POWER TRANSMISSION SYSTEMS

HIGH-SPEED HEAT DISSIPATING (HHD) V-PULLEY

Innovative Heat Dissipation:

Integrated ventilation eliminates specialized belts, maximizing thermal efficiency.

Stronger & Lighter:

Stronger than gray iron, high strength-to-weight ratio design to maximize energy efficiency and load capacity.

High-efficiency Transmission:

High power throughput with minimal speed drop for superior transmission efficiency.



CAPT-DHT®

SMOOTH TRANSMISSION, MORE EFFECTIVE NOISE REDUCTION!

DOUBLE HELICAL TEETH (DHT) TIMING PULLEY

Ultra-Quiet Noise Reduction:

Double helical meshing drastically cuts industrial noise for smooth, silent operation

Self-Aligning & Flange-Free:

Zero axial force with automatic precision centering for a compact, reliable, flange-free design.

Low Vibration & Low Energy Consumption:

High contact ratio transmission ensures minimal friction and wear, optimized for high-precision applications.



TB TAPER BUSHING (1008-120100) SERIES C45 STEEL

High strength · High precision · Cost-effective · Safe & reliable · Environmentally Friendly · Energy-saving



TB Taper Bushings
—Series A
—Series B
—Series C
—Series D









VARIOUS STANDARD V-BELT PULLEYS IN STEEL

CAPT TB Taper Bore V-Belt Pulleys

Driving pulleys (⩽200 mm) are made of C45 steel, while driven pulleys (200-1,250 mm) use high strength ductile iron (QT450-10) or gray iron (HT250).

Available in V-pulleys complying with various European (DIN) and American (ANSI) standards .

Including variable pitch, taper bore, and finished bore types.





SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

ULTRA-LOW TEMPERATURE TRANSMISSION SERIES

Made from QT350-22L ductile iron, these components - including taper bushings, pulleys, sprockets, gears, couplings, and housings - are engineered for extreme cold environments (down to - 40°C). They offer tensile strength⩾350 Mpa, yield strength ⩾220 Mpa, and elongation ⩾22%, ensuring durability and reliability under harsh conditions.

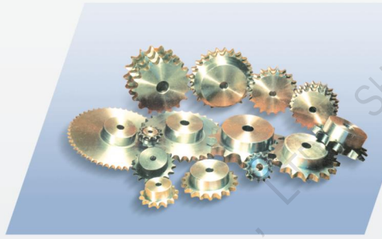


QT350-22L
LCC(A352)

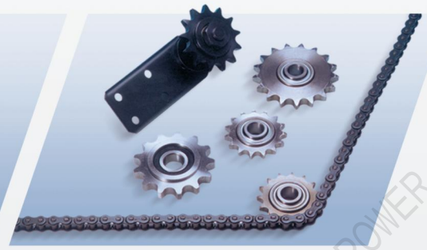












SPROCKETS

CAPT manufactures a wide range of standard sprockets with pitches ⩽ 4.0", and supports OEM and made-to-order (MTO) applications, including roller chain, conveyor chain, and engineering chain sprockets.





STEEL TB TAPER BUSHING SERIES AND APPLICATIONS

CAPT High-Strength C45 Steel BTL Taper Lock Bushings are available in a series of sizes (1008-120100) and comply with JIS, DIN, ANSl, and GB standards. Offering high precision and superior strength, they outperform cast iron bushings and are widely used in sprockets, pulleys, timing pulleys, gears, and couplings.









CAPT-QTL®
CAPT-STL®















QTL ·STL · XTB BUSHING SERIES

QTL Series: includes JA~S bushings and weld on hubs.
STL Series: includes G~Y0 bushings and weld on hubs.
XTB Series: Heavy-duty type ranging from XTB15~XTB120 and weld on hubs.

US ANSI STANDARD BUSHINGS

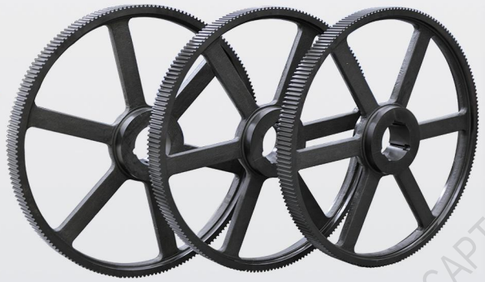
Replacements for QD®, SPLIT TAPER®, XT®





TIMING PULLEYS

CAPT timing pulleys are available in three main categories: HTP/3M-20M, XL-XXH, and AT/T 2.5/5/10, with additional precision MTO and OEM options.











V-BELT PULLEYS

CAPT offers a complete range of sheaves and pulleys conforming to European (DIN) and American (ANSI) standards, with additional OEM and MTO options available.







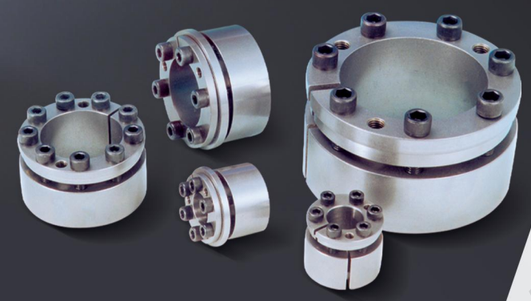




SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.



KEYLESS LOCKS

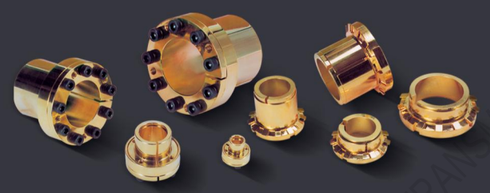


The CAPT-LOCK range covers B, D, E, T, F (A/B), S (K/D), HL, and ML types. With versatile compatibility, it meets the diverse requirements of different customers.















COUPLINGS

CAPT offers a wide range of couplings, including but not limited to HRC, GE, CL, KC, GRL, GF types etc. Customized MTO/OEM and large-size couplings are also available in various standards.

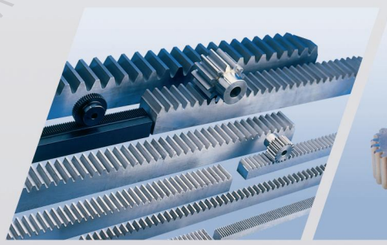


SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

GEARS, RACKS, WORM AND WORM GEARS

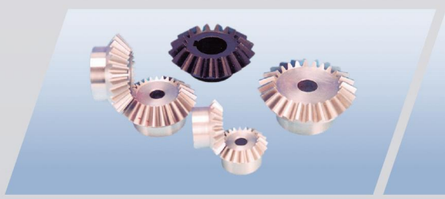
CAPT manufactures gears, racks, worm and worm gears. CAPT can offer racks modules from M1.0 to M20.



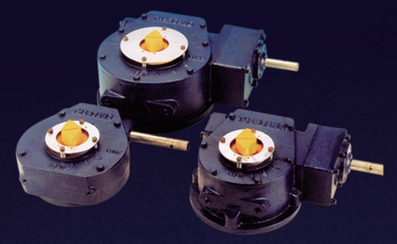




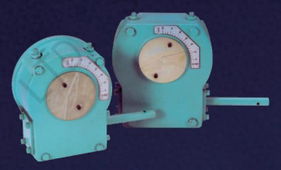
















VALVE ACTUATORS

CAPT valve actuators include the XJ, FP, and VT series, designed for use with butterfly valves, ball valves, and remote-control valves.



SHIJIAZHUANG CAPT POWER TRANSMISSION CO., LTD.

HIGH-END CUSTOMIZATION

HIGH DIFFICULTY | LARGE PARTS | SPECIAL PARTS | EXCLUSIVE PARTS

CUSTOM MANUFACTURER OF NON-STANDARD POWER-TRANSMISSION COMPONENTS !

In addition to a full range of standard products, CAPT offers precision customization for special applications, industries, environments, materials, and processes - including large-size, heavy-duty, and non-standard designs.

























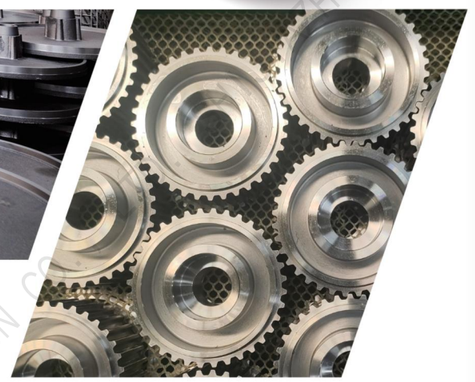


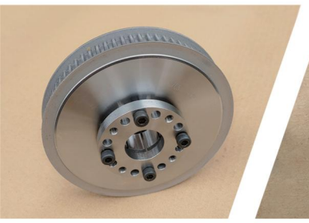
OEM/MTO PRODUCTS

CAPT delivers OEM/MTO solutions with strong production, engineering, and quality control capabilities, providing customized products recognized by customers world-wide for their precision and reliability.











APPLICATION AREAS



- FEED MACHINERY
- FOOD MACHINERY
- TEXTILE MACHINERY
- MINING MACHINERY
- AGRICULTURAL MACHINERY
- PACKAGING MACHINERY
- FIRE FIGHTING EQUIPMENT
- LOGISTICS MACHINERY
- MEDICAL EQUIPMENT
- PETROLEUM MACHINERY
- PRINTING MACHINERY
- WOOD PROCESSING

CERTIFICATIONS

- National high-tech enterprises
- National technology-based SMEs
- Hebei technology-based SMEs
- Hebei Innovative SMEs
- Hebei manufacturing industry individual champion
- Hebei Specialization, refinement, special & new SMEs
- Hebei Industrial Enterprise R & D Institution (Level A)
- Hebei Integration of information and industrialization demonstration enterprises
- Participating drafter of “GB/T 32220-2015 taper bush, types, size and basic parameters”
- Participating drafter of “GB/T 11361-2018 Synchronous belt pulley-trapezoidal toothed pulleys with pitch code MXL, XXL, XL, L, H, XH, and XXH”
- Participating drafter of “GB/T 11356.2-2023 Belt drives -- Geometrical Inspection of grooves for classical and narrow V-pulleys Part 2: System based on effective width”
- Participating drafter of “GB/T 10412-2025 Belt drives—Grooved pulleys for classical and narrow V-belts (system based on datum width)”











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