

For New Technology Network

**NTN**®



Corporate Outline

# Global Network



## NTN Corporation

**Headquarter** 1-3-17 Kyomachibori, Nishi-ku, Osaka-shi, Osaka 550-0003  
Phone : +81-6-6443-5001  
URL <http://www.ntn.co.jp/>

### Sales Office

#### Automotive Business HQ.

##### KANTO Automotive Sales Office

TaiyoseimeiShinagawa Bldg. 2-16-2 Kounan, Minato-ku, Tokyo 108-0075  
Phone: +81-3-6713-3605  
Fax :+81-3-6713-3685

##### UTSUNOMIYA Automotive Sales Office

NOF Utsunomiya Bldg. 6F, 2-1-1 Babadori, Utsunomiya-shi, Tochigi 320-0026  
Phone: +81-28-632-0511  
Fax :+81-28-632-0576

##### KITA-KANTO Automotive Sales Office

22-31 Higashi Honcho, Ohta-shi, Gumma 373-0026  
Phone: +81-276-22-4231  
Fax :+81-276-25-5379

##### TOKAI Automotive Sales Office

Karitsu Bldg. 6F, 1-4-4 Mikawaanjo-cho, Anjo-shi, Aichi 446-0056  
Phone: +81-566-72-2030  
Fax :+81-566-72-2420

##### HAMAMATSU Automotive Sales Office

Hamamatsu Daiichiseimei Nittsu Bldg. 7F,  
110-5 Itaya-machi, Naka-ku, Hamamatsu-shi, Shizuoka 430-0928  
Phone: +81-53-454-2586  
Fax :+81-53-454-2589

##### OSAKA Automotive Sales Office

1-3-17 Kyomachibori, Nishi-ku, Osaka-shi, Osaka 550-0003  
Phone: +81-6-6449-6711  
Fax :+81-6-6443-1578

##### HIROSHIMA Automotive Sales Office

Abas Hiroshima 7F, 1-2-19 Matoba-cho, Minami-ku, Hiroshima-shi, Hiroshima 732-0824  
Phone: +81-82-568-5912  
Fax :+81-82-568-5913

#### Industrial Business HQ.

##### TOHOKU Sales Office

Kearney Place Sendai Ekimae-dori Bldg. 9F, 1-5-28 Honcho, Aoba-ku, Sendai-shi,  
Miyagi 980-0014  
Phone: +81-22-262-6201  
Fax :+81-22-262-6205

##### TOKYO Sales Office

TaiyoseimeiShinagawa Bldg. 2-16-2 Kounan, Minato-ku, Tokyo 108-0075  
Phone: +81-3-6713-3606  
Fax :+81-3-6713-3681

##### HOKKAIDO Satellite Office

2-2-37 Kikusui Kujo, Shiraishi-ku, Sapporo-shi, Hokkaido 003-0809  
Phone: +81-11-822-8788  
Fax :+81-11-822-8835

##### IBARAKI Sales Branch

M-Y Bldg. 6F, 1-15-11 Sakura-machi, Tsuchiura-shi, Ibaraki 300-0037  
Phone: +81-29-823-3528  
Fax :+81-29-824-7633

##### UTSUNOMIYA Sales Branch

NOF Utsunomiya Bldg. 6F, 2-1-1 Babadori, Utsunomiya-shi, Tochigi 320-0026  
Phone: +81-28-632-0553  
Fax :+81-28-632-0576

##### KOFU Sales Branch

Sun Line Kofu Bldg. 3F, 7-5-17 Kokubo, Kofu-shi, Yamanashi 400-0043  
Phone: +81-55-232-2301  
Fax :+81-55-232-2252

##### NISHI-KANTO Sales Office

Central Bldg. 2F, 3-14-7 Chuo, Chuo-ku, Sagamihara-shi, Kanagawa 252-0239  
Phone: +81-42-757-1011  
Fax :+81-42-758-2150

##### NUMAZU Sales Branch

4-6 Masago-cho, Numazu-shi, Shizuoka 410-0861  
Phone: +81-55-962-7573  
Fax :+81-55-951-6427

##### NAGOYA Sales Office

NagoyanishikiFrontTower Bldg. 11F, 2-3-4 Nishiki, Naka-ku, Nagoya-shi, Aichi 460-0003  
Phone: +81-52-222-3301  
Fax :+81-52-222-3341

##### OSAKA Sales Office

1-3-17 Kyomachibori, Nishi-ku, Osaka-shi, Osaka 550-0003  
Phone: +81-6-6449-6712  
Fax :+81-6-6448-7296

##### KOBE Sales Branch

Asahi Seimei Akashi Bldg. 6F, 2-2-20 Honmachi, Akashi-shi, Hyogo 673-0892  
Phone: +81-78-917-1201  
Fax :+81-78-917-1205

##### HOKURIKU Sales Branch

2-37-18 Sainen, Kanazawa-shi, Ishikawa 920-0024  
Phone: +81-76-263-8673  
Fax :+81-76-263-8628

##### HIROSHIMA Sales Office

Abas Hiroshima 7F, 1-2-19, Matoba-cho, Minami-ku, Hiroshima-shi, Hiroshima 732-0824  
Phone: +81-82-568-1470  
Fax :+81-82-568-5913

##### MIZUSHIMA Sales Branch

Sumitomo Seimei Kurashiki Bldg. 3F, 2-4-6 Showa, Kurashiki-shi, Okayama  
710-0057  
Phone: +81-86-425-6311  
Fax :+81-86-425-6322

##### FUKUYAMA Sales Branch

Fukuyama DS Bldg. 11F, 2-35 Momiji-cho, Fukuyama-shi, Hiroshima 720-0811  
Phone: +81-84-925-2202  
Fax :+81-84-926-2593

##### KYUSHU Sales Office

2-4-19 Kamiitozu, Kokurakita-ku, Kitakyushu-shi, Fukuoka 803-0845  
Phone: +81-93-571-6581  
Fax :+81-93-571-6180

#### Precision Equipment Division

##### Eastern Japan Region

TaiyoseimeiShinagawa Bldg. 2-16-2 Kounan, Minato-ku, Tokyo 108-0075  
Phone: +81-3-6713-3652  
Fax :+81-3-6713-3687

##### Western Japan Region

1-3-17 Kyomachibori, Nishi-ku, Osaka-shi, Osaka 550-0003  
Phone: +81-6-6449-6716  
Fax :+81-6-6443-1578

##### Central Japan Region

NagoyanishikiFrontTower Bldg. 11F, 2-3-4 Nishiki, Naka-ku, Nagoya-shi, Aichi 460-0003  
Phone: +81-52-222-3291  
Fax :+81-52-222-3341

#### EV System Division

1578 Higachikaizuka, Iwata-shi, Shizuoka 438-8510  
Phone: +81-538-21-1722  
Fax :+81-538-37-8126

#### Composite Material Product Division

101 Katsutaba, Kanieshinden, Kanie-cho, Ama-gun, Aichi 497-8541  
Phone: +81-567-95-5005  
Fax :+81-567-95-5939

## Domestic Production Factory

### Industrial Business HQ. KUWANA Works

2454 Tsuchijima, Higashikata, Kuwana-shi, Mie 511-8678  
Phone: +81-594-24-1811  
Fax : +81-594-21-0840

### Automotive Business HQ. IWATA Works

1578 Higashikaizuka, Iwata-shi, Shizuoka 438-8510  
Phone: +81-538-37-8000  
Fax : +81-538-37-8009

### Industrial Business HQ. NAGANO Works

14017-11 Nakaminowa, Minowa-machi, Kamiina-gun, Nagano 399-4601  
Phone: +81-265-79-8888  
Fax : +81-265-79-8881

### Automotive Business HQ. OKAYAMA Works

500-1 Hatakeda, Bizen-shi, Okayama 705-8510  
Phone: +81-869-66-6701  
Fax : +81-869-66-8101

## Research and Development Center

### (Kuwana Area) Industrial Technical Center

3066 Oyumida, Higashikata, Kuwana-shi, Mie 511-8678  
Industrial Business HQ.

### Research Institute of Advanced technologies

5-105 Hidamarinooka, Kuwana-shi, Mie 511-0867

### (Iwata Area) NTN R&D Center

1578 Higashikaizuka, Iwata-shi, Shizuoka 438-8510  
New Product Development R&D Center

### Production Engineering R&D Center

### Automotive Business HQ.

### Precision Equipment Division

### CVJ·Axle unit Technical Center

1578 Higashikaizuka, Iwata-shi, Shizuoka 438-8510  
Automotive Business HQ.

## Main Sales Related Group Companies

### NTN Bearing Service Co., Ltd.

3-1-13 Shibakoen, Minato-ku, Tokyo 105-0011  
Phone: +81-3-5776-6001  
Fax : +81-3-5776-6002  
URL : <http://www.ntn-bs.co.jp/>

## Manufacturing and Component Related Group Companies

### NTN KONGO Corp.

1-3-13 Kidonishi-machi, Kawachinagano-shi, Osaka 586-0009  
Phone: +81-721-53-1317  
Fax : +81-721-54-6981  
URL : <http://www.ntn-kongo.co.jp/>

### NTN Engineering Plastics Corp.

970 Ano, Toin-cho, Inabe-gun, Mie 511-0243  
Phone: +81-594-76-7221  
Fax : +81-594-76-7244  
URL : <http://www.ntn-epc.com/>

### NTN Powder Metal Corp.

101 Katsutaba, Kanieshinden, Kanie-cho, Ama-gun, Aichi 497-8541  
Phone: +81-567-95-3913  
Fax : +81-567-95-6160  
URL : <http://www.ntn-goukin.com/>

### NTN MIKUMO Co., Ltd.

750-1 Onoe-cho, Matsusaka-shi, Mie 515-2109  
Phone: +81-598-56-3311  
Fax : +81-598-56-7151

### NTN Casting Corp.

475-1 Nadabun-cho, Izumo-shi, Shimane 691-0003  
Phone: +81-853-63-3108  
Fax : +81-853-63-3463

### Hikari Seiki Industry Co., Ltd.

8 Higashikata, Sanmaiden-cho, Tenri-shi, Nara 632-0046  
Phone: +81-743-66-0285  
Fax : +81-743-67-1512  
URL : <http://www.hikari-seiki.com/>

### NTN MIE Corp.

3601-25 Mizono, Tado-cho, Kuwana-shi, Mie 511-0118  
Phone: +81-594-48-6711  
Fax : +81-594-48-7130  
URL : <http://www.ntn-mie.com/>

### NTN KAMIINA Corp.

522-2 Nakazone, Minowa-machi, Kamiina-gun, Nagano 399-4605  
Phone: +81-265-79-7877  
Fax : +81-265-79-7366

### NTN FUKUROI Corp.

1959 Midori, Fukuroi-shi, Shizuoka 437-0005  
Phone: +81-538-30-1800  
Fax : +81-538-30-1814

### NTN OMAEZAKI Corp.

4681-3 Sakura, Omaezaki-shi, Shizuoka 437-1604  
Phone: +81-537-86-2480  
Fax : +81-537-86-2227

### NTN KINAN Corp.

2504-1 Ikuma, Kamitonda-cho, Nishimuro-gun, Wakayama 649-2103  
Phone: +81-739-47-1801  
Fax : +81-739-47-1829

### NTN BIZEN Corp.

2139-2 Yamaguchi, Akaiwa-shi, Okayama 701-2225  
Phone: +81-869-57-3101  
Fax : +81-869-57-3102

### NTN AKAIWA Corp.

100-43 Tsurui, Akaiwa-shi, Okayama 709-0718  
Phone: +81-86-995-9541  
Fax : +81-86-995-9542

### NTN TADO Corp.

1077 Yui, Tado-cho, Kuwana-shi, Mie 511-0101  
Phone: +81-594-48-2383  
Fax : +81-594-48-2796

### NTN HAKUI Corp.

32 Mitsuyamachi, Hakui-shi, Ishikawa 925-0024  
Phone: +81-767-22-8910  
Fax : +81-767-22-5689

### NTN HOUDATSUSHIMIZU Corp.

1-1 Futakuchi, Houdatsushimizu-cho, Hakui-gun, Ishikawa 929-1421  
Phone: +81-767-22-5111  
Fax : +81-767-22-5330

### NTN SHIKA Corp.

5-58-2 Horimatsu, Shika-machi, Hakui-gun, Ishikawa 925-0157  
Phone: +81-767-38-8110  
Fax : +81-767-38-1666

### NTN NOTO Corp.

38 Wakabadai, Shika-machi, Hakui-gun, Ishikawa 925-0375  
Phone: +81-767-38-8020  
Fax : +81-767-38-8022

### Nippon Kagaku Yakin Co., Ltd.

13-3 Taisei-cho Neyagawa-shi, Osaka 572-8558  
Phone: +81-72-821-6327  
Fax : +81-72-821-6505






# NTN Profile

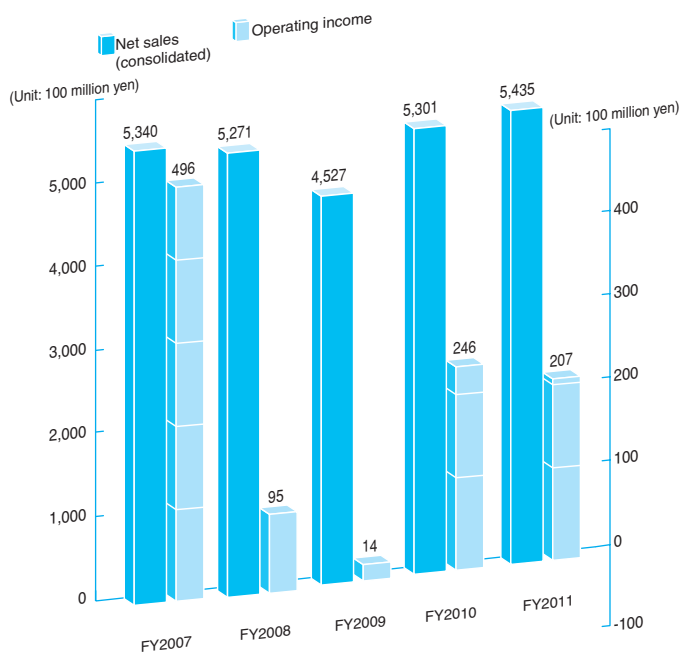
Outline & History

## Company Outline

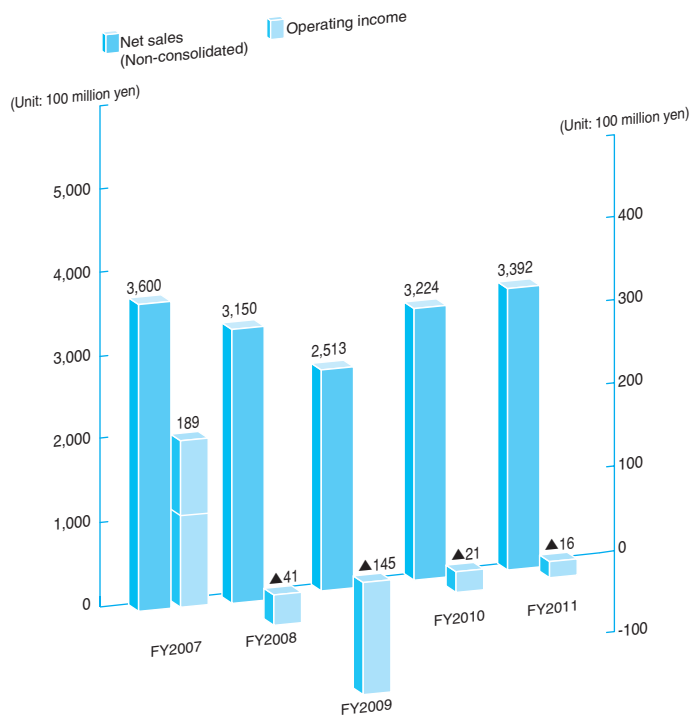
<b>Corporate name</b>	NTN Corporation	<b>Representative</b>	Chairman and CEO President	Yasunobu Suzuki Shigeyoshi Takagi
<b>Trademark</b>		<b>Number of employees</b>	5,457 (consolidated:20,789) * as of March 2012	
<b>Date founded</b>	March 1918	<b>Fiscal term</b>	March 31	
<b>Capital</b>	54.3 billion yen	<b>Description of Business</b>	Production and sales of mechanical parts and equipment, such as bearings, constant velocity joints, and precision equipment	
<b>Head Office</b>	1-3-17, Kyomachibori, Nishi-ku, Osaka-shi, Osaka 550-0003			

## Sales Highlights

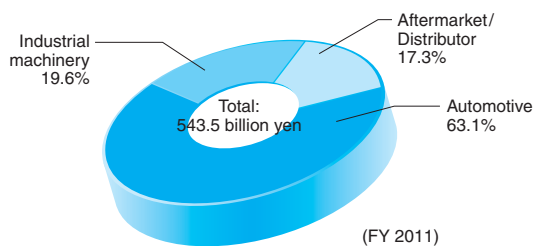
### Consolidated Financial Results (Net sales, Operating income)



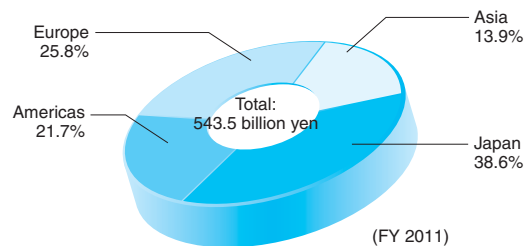
### Non-Consolidated Financial Results (Net sales, Operating income)



### Sales by Business Segment (consolidated)



### Net Sales by Region (consolidated)



# History

1918	Began research and manufacture of ball bearings at Nishizono Ironworks. (Uchibori, Kuwana-cho, Kuwana-gun, Mie Pref.)	1990	NTN USA Corp. established as headquarters in the U.S.A. Constructed Kuwana Engineering Center.
1923	Nishizono Ironworks and Tomoe Trading Co. (Nishi-ku, Osaka) began joint manufacture and sale of bearings under the brand name NTN.	1994	Obtained ISO9002 certification (Kuwana Works). Established a distribution center in Singapore.
1927	NTN Mfg. Co., Ltd. established with capital of 50,000 yen.	1996	Bought the ball bearing division of American firm Federal Mogul Corp. (U.S.A), NTN-BCA established.
1934	Reorganized into a stock company with capital of 3,000,000 yen.	1997	Nagano Works and related engineering departments obtained ISO9001/QS-9000 certification for their quality systems. Cumulative total of all constant velocity joints produced reaches 200 million. Established NTN do Brasil Ltda. in Brasil. Established NTN Wälzlager Bologna Branch Office in Italy.
1937	Named the Toyo Bearing Mfg. Co., Ltd. Increased capital to 10,000,000 yen. Company stock traded publicly.	1998	Established NTN Manufacturing (Thailand) Co., Ltd. for the manufacture of bearings and constant velocity joints. Iwata area NTN enterprises obtained ISO14001 certification. Established NTN Transmission Europe for CVJ production through a joint Corp. with Renault of France.
1938	Established Showa Bearing Mfg. Co., Ltd. (the previous Takarazuka Works) in Muko-gun, Hyogo Pref. (Later, merged and company name changed to Mukogawa Works in 1939) (Later, company name changed to Takarazuka Works in 1962)	1999	All plants and R&D Centers in Japan obtained ISO14001 certification by a multi-site qualification procedure.
1939	Constructed Kuwana Plant. (the present Kuwana Works)	2002	In a joint venture, established Shanghai NTN Corp. in China for the manufacture of CVJ cassette and other products. In a joint venture with Nidec Corp. of Japan, established NTN-NIDEC (Zhejiang) Corp. in China for the manufacture of FDB units. In a joint venture with Taiwan Yulong Group Corp., established Guangzhou NTN-Yulon Drivetrain Co., Ltd. in Guang Zhou, China for the manufacture of constant velocity joints.
1943	Commenced production of steel balls at Kuwana Plant.	2003	Cumulative total of all constant velocity joints produced reaches 300 million. Established NTK Precision Axle Corp., a manufacturing company for heat treatment and turning in the U.S.A.. Established Beijing NTN-Seohan Driveshaft Co., Ltd, a joint venture with Korea Flange Co., Ltd. in China for constant velocity joint production. Established Asahi Forge of America Corp., a manufacturing company for forging processing in the U.S.A..
1954	Awarded the Deming Prize for statistical quality control for the first time in the Japanese machinery industry.	2004	NTN mie Corp. established as a model factory for domestic bearing production. In a joint venture, established Shanghai NTN-Guangyang Corp. in China for the manufacture of bearings. The Iwata Works, Kuwana Works, Okayama Works and Nagano Works acquire ISO9001 and ISO/TS16949 certification.
1960	Established Toyo Bearing Iwata Co., Ltd. (the present Iwata Works) and began mass production of ball bearings. (merged with NTN Corp. in 1983).	2005	Established NTN (China) Investment Corp. as a holdings management company in China. Established NTN's General Research & Development Center in Iwata. In a joint venture with Nidec Corp. of Japan, established NTN-NIDEC (Thailand) Co., Ltd in Thailand for the manufacture of FDB units. Established NTN NEI Manufacturing India Pvt. Ltd. in India for the manufacture of constant velocity joints. Established NTN Kamiina Corp. for the manufacture of bearing rollers.
1961	Acquired Kongo Bearing Co., Ltd. (the present NTN Kongo Corp.). Established NTN Wälzlager (Europa) GmbH in Germany.	2006	Invested in IFA-Antriebstechnik GmbH as a manufacturer of constant velocity joints in the German IFA Group. Established NTN Fukuroi Corp. as a manufacturing company of constant velocity joints. Invested in SNR Roulements as a subsidiary to Renault. (Became a consolidated subsidiary to NTN Corp. in 2008)
1962	Constructed needle bearing plant at Toyo Bearing Iwata Co., Ltd. Established Toyo Bearing Machine Tool Laboratory Co., Ltd. (the present Production Engineering R&D Center).	2007	Established NTN hakui Corp. in Ishikawa for turning large bearings. In a joint venture with Korea Flange Co., Ltd. Kofco Group, established Seohan-NTN Driveshaft USA Corp. in the U.S.A for the manufacture and sales of constant velocity joints. Established Nanjing Puzhen NTN Railway Bearing Co., Ltd. for the production of railway bearings in China jointly with Nanjing Puzhen Rolling Stock Works.
1963	Established NTN Bearing Corp. of America. Entered into a technical tie-up with Hardy Spicer Co., Ltd. in the U.K. and began production of constant velocity joints.	2008	Established NTN Houdatsushimizu Corp. as a manufacturing company of super-large bearings in Ishikawa. Established NTN Transmissions Europe Crézancy in France for forging company of constant velocity joints.
1964	Established NTN Sidag S.A. in France. (the present NTN France S. A.) in a Joint venture with INA-Sidag. (Became a consolidated subsidiary to NTN Corp. in 1973) Established NTN Bearing-Birfield Ltd. (the present NTN Bearings (UK) Ltd.) in a joint venture with Birfield. (Became a consolidated subsidiary to NTN Corp. in 1988)	2009	Established NTN's Elemental Technology R&D Center in kuwana. Established NTN SHIKA Corp., a forging company for large-sized bearings, in Ishikawa.
1965	Entered a business tie-up with Dixon Corp. of the U.S.A. and established Toyo Bearing Rulon Co., Ltd. (the present NTN Engineer Plastic Corp.) through merger (Renamed as NTN Engineer Plastic Corp. and became a consolidated subsidiary to NTN Corp. in 1991).	2010	Established Seohan-NTN Bearing Co., Ltd., the manufacture and sales for large-sized wind turbines, jointly with Seohan in Korea. Established NTN driveshaft do Brasil for the manufacture and sales of constant velocity joints in Brazil. The NTA Precision Axle Corporation was established in the U.S. as a manufacturer and sales company for forging, turning and heat treatment of parts. The NTN Noto Corporation was established in Ishikawa prefecture as a manufacturer and sales company of bearings for industrial machinery.
1966	Established Toyo Bearing Powder Metal Co., Ltd. (the present NTN Powder Metal Corp.)	2011	The sales company PT.NTN BEARING INDONESIA was established in Indonesia. The NTN-LYC (Luoyang) Bearing Corporation was established in China in a joint venture with the Luoyang LYC Bearing Co., Ltd. as a manufacturer and sales company of hub bearings and needle bearings. Construction of the NTN China Technical Center in China was completed. Nippon Kagaku Yakin Co., Ltd. became a subsidiary of NTN Corporation. Established NANJING NTN CORPORATION in China for the production of industrial machinery bearings. The sales company NTN-Dongpai (Shanghai) Bearing Sales Co., Ltd. was established in China. The sales company NTN BEARING INDIA PRIVATE LIMITED was established in India.
1968	Established NTN Bearing Corp. of Canada Ltd.	2012	NTPT Company Limited was established in Thailand in a joint venture with Takao Kogyo as a manufacture and sales of forging and turning parts.
1971	Established American NTN Bearing Mfg. Corp. in the U.S.A. Established NTN Trading-Hong Kong Ltd. (the present NTN China Ltd.) in Hong Kong. Established NTN Bearing-Singapore (PTE) Ltd. in Singapore. Established Toyo Bearing Okayama Co.,Ltd. (the present Okayama Works, merged with NTN Corp. in 1983) Established NTN Kugellagerfabrik (Deutschland) G.m.b.H. in Germany.		
1972	Renamed as NTN Toyo Bearing Co., Ltd. Established NTN Toyo Bearing Product Development Institute (the present New Product Development R&D Center).		
1973	Established NTN Bearing-Cae Mfg. (Canada) Ltd. (merged with NTN Bearing Corp. of Canada Ltd. in 1981). Constructed constant velocity joint plant at Toyo Bearing Iwata Co., Ltd. Established NTN Bearing Malaysia Sdn. Bhd. in Malaysia.		
1974	Established NTN Bearing Thailand Co., Ltd. in Thailand.		
1975	Established NTN Elgin Corp. in U.S.A. (merged with American NTN Bearing Manufacturing Corp. in 1985) Established NTN Sudamericana, S.A. in Panama.		
1976	Established NTN Sales Co., Ltd. (Later company name changed to NTN Sales Co., Ltd. and merged with NTN Corp. in 2000). Established NTN De Mexico S.A. in Mexico.		
1982	Constructed constant velocity joint plant in Toyo Bearing Okayama Co., Ltd. Licensed constant velocity joint technology to Hyundai Motors. (South Korea)		
1984	Established Toyo Bearing Nagano Co., Ltd. (the present Nagano Works, merged with NTN Corp. in 1989)		
1985	Licensed bearing production technology to National Engineering Industries Ltd. (India) Established NTN-Bower Corp., a joint venture with Federal Mogul Corp.. (U.S.A.) (Became a consolidated subsidiary to NTN Corp. in 1987)		
1986	Constructed Japan's first plant dedicated to aerospace bearings, In Kuwana Works. Cumulative total of all constant velocity joints produced reaches 100 million.		
1988	Established NTN Technical Center (U.S.A), Inc. (Transferred functions to NTN Automotive Center at NTN Bearing Corp. of America in 2002)		
1989	Constructed Iwata Engineering Center. Established NTN Driveshaft Inc. in the U.S.A. Changed company name to NTN Corporation.		

For New Technology Network



NTN corporation

<http://www.ntn.co.jp/>

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