

# JBIA member companies' affiliates in foreign countries

as end of August, 2001

JBIA member company	country,region	affiliate	business	A:approval B:operation	capital	curren- cy	capita- tal ratio	capital partner	purpose and merit
NSK LTD.	United States	NSK CORPOLATION	manufacture of bearing sales of bearing and parts	A:'62.12 B:'73.3	131.2mil	US\$	100		supply for local customer sales market expansion
	United States	NSK-AKS PRECISION BALL CO.	manufacture of balls for bearings	A:'87.7 B:'88.6	20mil	US\$	60	40% AKS	supply for local bearing maker
	United States	NSK LATIN AMERICA INC.	sales of bearing and parts	B:'95.7	1.5mil	US\$	100		sales market expansion
	Canada	NSK CANADA INC.	sales of bearing and parts	B:'77.7	1.46mil	C\$	100		sales market expansion
	Brazil	NSK BRASIL LTDA.	manufacture of bearing sales of bearing and parts	A:'65.6 B:'70.12	1.57mil	R\$	100		supply for local customer sales market expansion
	Mexico	NSK RODAMIENTOS MEXICANA,	sales of bearing and parts	B:'90.4	360,000	MXP	100		sales market expansion
	United Kingdom	NSK BEARINGS EUROPE LTD.	manufacture of bearing	B:'76.4	42.6mil	£ Stg.	100		supply for local customer sales market expansion
	United Kingdom	NSK-AKS PRECISION BALL EUROPE LTD.	manufacture of balls for bearings	A:'89.2 B:'90.1	14.5mil	£ Stg.	60	40% AKS	supply for local bearing maker
	United Kingdom	NSK EUROPEAN TECHNOLOGY COMPANY LTD.	reserch and development	B:'91.5		£ Stg.	100		supply for local customer sales market expansion
	United Kingdom	NSK UK LTD.	sales of bearing and parts	B:'93.6	400,000	£ Stg.	100		sales market expansion
	Germany	NSK DEUTSCHLAND GmbH.	sales of bearing and parts	B:'63.10	3mil	DM	100		sales market expansion
	Germany	NEUWEG FERTIGUNG GmbH.	manufacture of bearing	B:2001.1	4mil	DM	100		supply for local customer sales market expansion
	France	NSK FRANCE SA	sales of bearing and parts	B:'71.3	17mil	F.Fr.	100		sales market expansion
	Netheland	NSK NEDERLAND B.V.	sales of bearing and parts	B:'75.8	1mil	D.Gl.	100		sales market expansion
	Switzerland	WALZLAGER INDUSTRIEWERKE BULLE	manufacture and sales of bearing	B:2001.1	1.2mil	S.Fr.	100		supply for local customer sales market expansion
	Italia	NSK ITALIA S.p.A	sales of bearing and parts	B:'76.2	4.13mil	Euro	100		sales market expansion
	Italia	INDUSTRIA CUSCINETTI SpA (ICSA)	manufacture and sales of bearing	B:2001.1	3.55bil	Lit	36	64% local company	supply for local customer sales market expansion
	Poland	NSK ISKRA S.A. SpA (ICSA)	manufacture and sales of bearing	B:'98.1	50.7mil	Zl	88	12% local company	supply for local customer sales market expansion
	Spain	NSK IBERICA S.A.	manufacture and sales of bearing	B:'92.11	10mil	Ptas	100		sales market expansion
	Singapore	NSK SINGAPORE (PRIVATE) LTD.	sales of bearing and parts	B:'75.11	1mil	S\$	70	30% local company	sales market expansion

	Thailand	NSK BEARINGS (THAILAND) CO., LTD.	sales of bearing and parts	B:'87.8	40mil	B	49	51% local company	sales market expansion
	Rep. Of Korea	NSK KOREA CO.,LTD.	manufacture and sales of bearing	B:'87.9	30bil	W	100		supply for local customer sales market expansion
	Hong Kong	NSK HONG KONG LTD.	sales of bearing and parts	B:'95.12	2mil	HK\$	70	30% local company	sales market expansion
	P.R. of China	KUNSHAN NSK CO,LTD.	manufacture and sales of bearing	B:'95.7	430mil	RMBY	84	16% local company	sales market expansion
	Malaysia	NSK BEARINGS (MALAYSIA) SDN.BHD.	sales of bearing and parts	B:'93.7	2mil	RM	51	49% local company	sales market expansion
	Malaysia	NSK MICRO PRECISION (MALAYSIA) SDN.BHD.	manufacture and sales of bearing	A:'93.10 B:'95.1	54mil	RM	50	50% NSK Micro Precision	to sustain local market
	Indonesia	P.T.NSK BEARINGS MANUFACTURING	manufacture and sales of bearing	A:'94.4 B:'95.5	45mil	US\$	100		to sustain local market
	Indonesia	P.T.NSK-AKS PRECISION BALL INDONESIA	manufacture of balls for bearings	B:2000.4	7.25mil	US\$	40	60% AKS	supply for local bearing maker
	Australia	NSK AUSTRALIA Pty.LTD	sales of bearing and parts	B:'65.3	1.85mil	A\$	100		sales market expansion
	South Africa	NSK SOUTH AFRICA (Pty) LTD.	sales of bearing and parts	B:2001.1	120,000	R	100		sales market expansion
NTN Corporation	Rep. Of China (Taiwan)	TUNG PEI INDUSTRIAL CO., LTD.	manufacture of balls for bearings	B:'68.1	1143mil	NT\$	27	73% local company	to sustain local market
	P.R. of China	NTN CHINA LTD .	sales of bearing	B:'71.9	2.5mil	HK\$	100		market expansion
	Rep. Of Korea	NTN KOREA CO.,LTD .	sales of bearing	B:2001.4	500mil	W	100		market expansion
	Singapore	NTN BEARING SINGAPORE (PTE) LTD.	sales of bearing	B:'71.12	12mil	S\$	100		market expansion
	Thailand	NTN BEARING-THAILAND CO.,LTD	sales of bearing	B:'74.2	10mil	B	49	51% local company	market expansion
	Thailand	NTN MANUFACTURING (THAILAND) CO.,LTD.	manufacture of bearing	B:'99.10	295mil	B	100		to sustain local market
	Malaysia	NTN BEARING-MALAYSIA SDN. BHD.	sales of bearing	B:'73.4	500,000	RM	100		market expansion
	United Kingdom	NTN BEARINGS (UK) LTD.	sales of bearing	B:'64.8	2.6mil	£ Stg.	100		market expansion
	France	NTN FRANCE S.A.	sales of bearing	B:'73.4	3.7mil	EURO	100		market expansion
	Germany	NTN WALZLAGER (EUROPA) GmbH.	sales of bearing	B:'62.1	14.5mil	EURO	100		market expansion

	Germany	NTN KUGELLAGERFABRIK	manufacture of bearing	B:'71.12	18.5mil	EURO	100		to sustain local market
	Canada	NTN BEARING CORP. OF CANADA LTD.	manufacture and sales of bearing	B:'68.9	20mil	C\$	100		market expansion to sustain local market
	United States	NTN BEARING CORP. OF AMERICA	sales of bearing	B:'63.3	24.7mil	US\$	100		market expansion
	United States	AMERICAN NTN BEARING MFG. CORP.	manufacture of bearing	B:'71.1	24.33mil	US\$	100		to sustain local market
	United States	NTN-BOWER CORPORATION	manufacture of bearing	B:'85.10	67mil	US\$	100		to sustain local market
	United States	NTN-BCA CORP.	manufacture of bearing	B:'96.9	16mil	US\$	100		to sustain local market
	Mexico	NTN DE MEXICO,S.A.	sales of bearing	B:'76.3	16mil	MXP	40	60% local company	market expansion
	Panama	NTN -	sales of bearing	B:'75.9	700,000	US\$	100		market expansion
	Brazil	NTN DO BRASIL LTDA.	sales of bearing	B:'97.10	230,000	R\$	100		market expansion
	Argentina	TOYOTA TSUSHO NTN (ARGENTINA) ,S.A.	sales of bearing	B:'87.8	320,000	\$	10	80% Toyota Tsusho Corp. 10% local company	market expansion
	Australia	NTN - CBC (AUSTRALIA) PTY. LTD.	sales of bearing	B:'71.8	600,000	A\$	50	CBC 50%	market expansion
Koyo Seiko Co., Ltd	Thailand	THAI KOYO CO., LTD.	sales of bearing	B:'66.9	27mil	B	100		market expansion
	Thailand	KOYO MANUFACTURING (THAILAND) CO., LTD.	manufacture of bearing	B:89.3	660mil	B	83	business company, etc	convinient to supply for local customer
	Singapore	KOYO SINGAPORE BEARING (PTE.) LTD.	sales of bearing	B:'79.12	1mil	S\$	100		market expansion
	Philippine	PHILIPPINE KOYO BEARING CORPORATION	sales of bearing	B:'75.7	4.2mil	P	30	local companie	convinient to supply for local customer
	Philippine	KOYO MANUFACTURING (PHILIPPINES) CORP.	manufacture of bearing	A:'97.9 B:2000.6	820mil	P	100		convinient to supply for local customer
	P. R. of China	KOYO (DALIAN) PRECISION BEARINGS CO., LTD.	manufacture of bearing	A:'94.5 B:'94.6	480mil	Yen	60	NIDEC Corp.	convinient to supply for local customer

	P. R. of China	WUXI KOYO BESRING CO., LTD.	manufacture of bearing	B:'96.7	240mil	Yen	87	Japanese business companies, local companies	convenient to supply for local customer
	P. R. of China	DALIAN KOYO WAZHOU AUTOMOBILE BEARINGS CO., LTD	manufacture of bearing	B:'96.8	1.6bil	Yen	51	Japanese business companies, local companies	convenient to supply for local customer
	Italia	KOYO ITALIA S. R. L.	sales of bearing	B:'90.3	75mil	Lit	100		market expansion
	Sweden	KOYO KULLAGER SCANDINAVIA A. B.	sales of bearing	B:'78.10	4.6mil	Skr	100		market expansion
	United Kingdom	KOYO (U. K.) LTD.	sales of bearing	B:'72.4	3mil	£ Stg.	100		market expansion
	United Kingdom	KOYO BEARINGS (EUROPE) LTD.	manufacture of bearing	B:'90.2	48mil	£ Stg.	100		convenient to supply for local customer
	Netherland	EUROPE KOYO B. V.	sales of bearing	B:'63.12	25mil	D.Gl.	100		market expansion
	France	KOYO FRANCE S. A.	sales of bearing	B:'75.4	33mil	F.Fr.	100		market expansion
	Germany	KOYO DEUTSCHLAND GmbH.	sales of bearing	A:'64.9 B:'64.10	4mil	DM	100		market expansion
	Spain	KOYO IBERICA, S. A.	sales of bearing	B:'78.3	120mil	Ptas	100		market expansion
	Romania	KOYO ROMANIA S. A.	manufacture of bearing	B:'98.3	150bil	L	51	local companies	convenient to supply for local customer
	Canada	KOYO CANADA INC.	sales of bearing	B:'66.3	3.7mil	C\$	100		market expansion
	United States	KOYO CORP. OF U. S. A.	manufacture and sales of bearing	A:'58.10 B:'59.9	200mil	US\$	100		market expansion convenient to supply for local customer
	Mexico	KOYO DE MEXICO, S. A.	sales of bearing	B:'69.12	2.8mil	MXP	100		market expansion
	Panama	KOYO LATIN AMERICA, S. A.	sales of bearing	B:'72.11	2.5mil	US\$	100		market expansion
	Brazil	KOYO ROLAMENTOS DO BRASIL LTDA.	sales of bearing	B:'72.8	160,000	R\$	100		market expansion
	Australia	KOYO AUSTRALIA PTY. LTD.	sales of bearing	A:'64.7 B:'64.8	1.3mil	A\$	100		market expansion
Nachi-Fujikoshi Corporation	Rep. Of China (Taiwan)	NACHI C Y CORP.	manufacture of bearing	B:'89.11	306,000	NT\$	50	local trade company 50%	market expansion
	Singapore	NACHI SINGAPORE PTE.,LTD.	sales of bearing and cutting tool	B74.8	540,000	S\$	100		market expansion for another country

	Malaysia	FUJIKOSHI-NACHI (MALAYSIA) SDN.BHD.	sales of bearing and cutting tool	B:'80.1	250,000	RM	-	Nachi Singapore 100%	market expansion
	Thailand	NACHI TECHNOLOGY (THAILAND) COMPANY LIMITED	manufacture of bearing	A:2000.4 B:2000.7	140mil	B	100		market expansion
	United Kingdom	NACHI (U.K.) LTD.	sales of bearing, oil pressure apparatus and robot	A:'74.1 B:'74.5	100,000	£ Stg.	100		market expansion collecting local market information
	Germany	NACHI EUROPE GmbH.	sales of bearing and cutting tool	A&B:'67.7	3mil	DM	73	Nachi America 27%	market expansion collecting local market information
	Spain	NACHI INDUSTRIAL, S.A.	manufacture of bearing	A:'76.9 B:'77.11	1.5bil	Ptas	100		market expansion
	Canada	NACHI CANADA LTD.	manufacture of bearing, cutting tool, and oil pressure apparatus	B75.4	330,000	C\$	-	Nachi America 100%	market expansion collecting local market information
	United States	NACHI TECHNOLOGY INC.	manufacture of bearing	B75.11	15mil	US\$	-	Nachi America 100%	market expansion collecting local market information
	United States	NACHI AMERICA INC.	sales of bearing, cutting tool, and oil pressure apparatus	A:'62.8 B:'62.10	56.16mil	US\$	100		market expansion collecting local market information
	Mexico	NACHI MEXICANA S.A.DE C.V.	sales of bearing and cutting tool	B:'82.6	50,000	MXP	1.2	Nachi America 98.8%	market expansion
	Brazil	NACHI DO BRASIL INDUSTRIA E COMERCIO LTDA.	manufacture and sales of bearing and cutting tool	A:'72.6 B:'73.6	8.5mil	US\$	90.4	Kanematsu Corporation on 9.6%	market expansion to local and surrounding countries
	Australia	NACHI (AUST.) PTY.,LTD.	sales of bearing, cutting tool, and oil pressure apparatus	A:'70.6 B:'70.7	600,000	A\$	100	-	market expansion
Minebea Co., Ltd.	Singapore	NMB SINGAPORE LTD.	manufacture of bearing	B72.2	38mil	S\$	97.4	Nachi Singapore 2.6%	product expansion
	Singapore	PELMEC INDUSTRIES(PTE) LTD.	manufacture of bearing	B:'80.1	35mil	S\$	100		product expansion
	Singapore	MINEBEA TECHNOLOGIES PTE.LTD.	sales of bearing	B:'80.7	7mil	S\$	100		sales hub of South-east Asia
	United States	NMB TECHNOLOGIES CORPORATION	sales of bearing	B:'68.7	6.8mil	US\$	100		sales hub of Americas

	United States	NEW HAMPSHIRE BALL BEARINGS, INC.	manufacture of bearing	B:'85.5	94mil	US\$	100		convinient to supply for local customer
	United Kingdom	ROSE BEARINGS LTD.	manufacture of bearing	B:'87.11	43.7mil	£ Stg.	100		product expansion
	United Kingdom	NMB (U.K.) LTD.	sales of bearing	B:'71.2	500,000	£ Stg.	100		sales hub of Europe
	Germany	NMB-MINEBEA GmbH.	sales of bearing	B:'77.10	22.05mil	DM	100		sales hub of Europe
	France	NMB MINEBEA S.A.R.L	sales of bearing	B:'89.1	5.5mil	F.Fr.	100		sales hub of Europe
	Italia	NMB ITALIA S.R.L.	sales of bearing	B:'82.9	16,139mil	Lit	100		sales hub of Europe
	Thailand	NMB THAI LTD.	manufacture of bearing	B:'80.8	1.2bil	B	100		product expansion
	Thailand	PELMEC THAI LTD.	manufacture of bearing	B:'84.5	1.1bil	B	100		product expansion
	Thailand	NMB HI-TECH BEARINGS LTD.	manufacture of bearing	B:'88.12	1bil	B	100		product expansion
	P.R. of China	MINEBEA ELECTRONICS & HI-TECH COMPONENTS (SHANGHAI) LTD.	manufacture of bearing	B:'94.4	11.69bil	RMBY	100		product expansion
	Rep. Of Korea	NMB KOREA CO.,LTD.	sales of bearing	B:'94.8	850mil	W	100		sales hub of Korea
Izumoto Seiko Co., Ltd.	United States	IKS AMERICAN CORPORATION	bearing assembly sales of bearing and machinary parts	A:'73.10 B:'73.12	200,000	US\$	100		sales expansion
Amatsuji Steel Ball Manufac-turing Co., Ltd.	United States	NSK-AKS PRECISION BALL CO.	manufacture of balls for bearings	A:'87.7 B:'88.6	20mil	US\$	40	NSK 60%	manufacture of balls for bearings
	United Kingdom	NSK-AKS PRECISION BALL EUROPE LTD.	manufacture of balls for bearings	A:'89.2 B:'90.1	14.5mil	£ Stg.	40	NSK 60%	manufacture of balls for bearings
	Indonesia	P.T.NSK-AKS PRECISION BALL INDONESIA	manufacture of balls for bearings	B:2000.4	7.25mil	US\$	60	NSK 40%	manufacture of balls for bearings
Tsubaki Nakashi-ma Co., Ltd.	United States	TBK HOLDINGS, INC	Investment holding	B:'90.2	1,654	US\$	100		
	United States	HOOVER PRECISION PRODUCTS, INC	manufacture and sales of balls for bearings	B:'90.4	1,000	US\$	100		supply for local customer sales market expansion
	United States	HOOVER PRECISION PRODUCTS, LLC	intellectual property management manufacture and sales of balls for bearings	B:'98.4	41,307,261	US\$	100		supply for local customer sales market expansion
	U.S. Virgin Island	HPP INTERNATIONAL, INC	sales of balls for bearings	B:'95.4	1,000	US\$	100	-	sales expansion
	United States	HPP HOLDINGS, INC	Investment management	B:'95.2	1,000	US\$	100		

	Mexico	HPP MANUFACTURING DE MEXICO SA DE CV	Investment management	B:'95.6	50,000	MXP	100		
	Mexico	BALEROS MEXICANOS SA DE CV	manufacture and sales of balls for bearings	B:'95.12	50,000	MXP	100		supply for local customer
	Hungary	TSUBAKI HOOVER HUNGARY KFT	manufacture and sales of balls for bearings	B:'99.1	1.83bil	Ft	100		supply for local customer
Nakanishi Metal Works Co., Ltd.	United States	NAKANISHI MANUFACTURING CORP.	manufacture and sales of retainers and seals for bearings	A:'87.10 B:'88.10	10mil	US\$	100		supply for local customer
	Philippine	NKC MANUFACTURING PHILIPPINES	manufacture and sales of retainer and gum seals	A:'97.4 B:'98.6	76.08mil	P	100		supply for local customer
Nippon Thompson Co., Ltd.	United States	IKO INTERNATIONAL, INC MID WEST OFFICE	sales of bearing, linier bearing, parts, etc	B:'69.12	6mil	US\$	100		market expansion
	Netherland	NIPPON THOMPSON EUROPE B.V.	sales of bearing, linier bearing, parts, etc	B:'75.11	18mil	D.GI.	100		market expansion
Nippon Pillow Block Manufacturing Co., Ltd.	United States	FYH BEARING UNITS USA, INC.	sales of mounted bearing, bearing, and parts	B:'82.7	600,000	US\$	100		market expansion
	P.R. of China	QINHUANGDAO NPB BEARING CO.,LTD.	manufacture of housing	A:'92.3 B:'93.9	9.77mil	US\$	100		market expansion
Kitanihon Seiki Co., Ltd.	P.R. of China	SHANGHAI PRECISION BEARING CO., LTD.	Manufacture of bearing	B:'93.9	3.5mil	US\$	100		to strengthen international competition
	P. R. of China	SHANGHAI DAIO PRECISION STEEL BALL	Manufacture and sales of balls for bearings	B:'95.10	4.6mil	US\$	50	Daio Steel Ball 50%	to strengthen international competition
	Rep. Of Korea	EZO KOREA CO., LTD	Sales of bearing	B:'96.12	150mil	W	50	local company 50%	to strengthen local market
Daio Steel Ball MFG Co., Ltd.	P.R. of China	SHANGHAI DAIO PRECISION STEEL BALL CO., LTD.	Manufacture and sales of balls for bearings	B:'95.10	4.6mil	US\$	50	Shanghai Precision Bearing 50%	to strengthen international competition