

**List of Companies related to Seismic Isolation System**

Company	Dept.	Telephone	Devices	URL
<b>Elastomeric Isolator (laminated rubber bearing)</b>				
ASEISMIC DEVICES CO., LTD.	Business Department	+81-3-3221-3741	NRB, LRB, TRB	<a href="http://www.adc21.co.jp">http://www.adc21.co.jp</a>
Bridgestone Corporation	Sales Dept. Seismic Isolation Devices	+81-3-5202-6865	NRB, LRB, HDR	<a href="https://www.bridgestone.com/corporate/index.html">https://www.bridgestone.com/corporate/index.html</a>
EM-KE SEISMIC ISOLATION SYSTEMS LTD. (Turkey)	Sales Dept, Damping & Isolation Division	+90-533-514-9286	NRB, LRB, HDR	<a href="https://emke.com.tr/en/">https://emke.com.tr/en/</a>
Kokankyo Engineering Corporation	Department of Seismic Products	+81-3-5413-6222	NRB, LRB	<a href="http://www.eae.co.jp">http://www.eae.co.jp</a>
KURASHIKI KAKO CO., LTD.	Development Dept. Industrial Products Div. Vibration Control Engineering Section, Building Construction & Steel Structures Div.	+81-86-465-1715	NRB, SDNR	<a href="http://www.kuraka.co.jp">http://www.kuraka.co.jp</a>
NIPPON STEEL ENGINEERING CO., LTD.			SDNR	<a href="https://www.eng.nipponsteel.com/english/">https://www.eng.nipponsteel.com/english/</a>
Nitta Corporation	Product Development Depart., Engineered Products Div.	+81-743-56-0597	NRB, LRB, HDR	<a href="https://www.nitta.co.jp/en/">https://www.nitta.co.jp/en/</a>
OILES CORPORATION	Sales Dept, Damping & Isolation Division	+81-3-5781-0314	NRB, LRB	<a href="https://www.oiles.co.jp/en/">https://www.oiles.co.jp/en/</a>
SUMITOMO METAL MINING SPOREX CO., LTD.	Seismic Isolation & Vibration Control Devices Department Functional Devices Sales Dept., Seismic Isolation & Vibration Control	+81-3-3435-4676	SDNR, TRB	<a href="https://www.smm.co.jp/en/business/material/products/siporex/">https://www.smm.co.jp/en/business/material/products/siporex/</a>
SWCC SHOWA CABLE SYSTEMS CO., LTD.	Sales Section	+81-3-3597-7058	NRB, TRB	<a href="https://www.swcc.co.jp/eng/index.htm">https://www.swcc.co.jp/eng/index.htm</a>

NRB: Natural Rubber Bearing, LRB: Rubber Bearing with Lead, HDR: High Damping Rubber bearing, SDNR: Natural Rubber bearing with Steel Damper, TRB :Rubber Bearing with Tin

<b>Slider (sliding type isolator)</b>				
ASEISMIC DEVICES CO., LTD.	Business Department	+81-3-3221-3741	ESL	<a href="http://www.adc21.co.jp">http://www.adc21.co.jp</a>
Bridgestone Corporation	Sales Dept. Seismic Isolation Devices	+81-3-5202-6865	ESL	<a href="https://www.bridgestone.com/corporate/index.html">https://www.bridgestone.com/corporate/index.html</a>
Dynamic Design Inc.	Head Office	+81-3-3357-1061	SLR	<a href="http://www.dynamic-d.co.jp/contents/top.htm">http://www.dynamic-d.co.jp/contents/top.htm</a>
EM-KE SEISMIC ISOLATION SYSTEMS LTD. (Turkey)	Sales Dept, Damping & Isolation Division Civil Engineering & Construction Industry Dept. Technical Div.	+90-533-514-9286	ESL, SL, CSL	<a href="https://emke.com.tr/en/">https://emke.com.tr/en/</a>
NIPPON PILLAR PACKING CO., LTD.	Technical Headquarters Vibration Control Engineering Section, Building Construction & Steel Structures Div.	+81-6-6305-1941	ESL, SL	<a href="https://www.pillar.co.jp/en/">https://www.pillar.co.jp/en/</a>
NIPPON STEEL ENGINEERING CO., LTD.			ESL	<a href="https://www.eng.nipponsteel.com/english/">https://www.eng.nipponsteel.com/english/</a>
OILES CORPORATION	Sales Dept, Damping & Isolation Division Functional Devices Sales Dept., Seismic Isolation & Vibration Control	+81-3-5781-0314	ESL, CSL	<a href="https://www.oiles.co.jp/en/">https://www.oiles.co.jp/en/</a>
SWCC SHOWA CABLE SYSTEMS CO., LTD.	Sales Section	+81-3-3597-7058	ESL	<a href="https://www.swcc.co.jp/eng/index.htm">https://www.swcc.co.jp/eng/index.htm</a>
Tokyo Fabric Industry Co., Ltd.	Business Development Depart.	+81-3-5339-0875	ESL	<a href="http://www.tokyo-fabric.co.jp">http://www.tokyo-fabric.co.jp</a>

ESL: Slider with Elastomer, SL: Slider on flat plane, CSL: Slider on Curved Surface, SLR: Slider with Rocking system

<b>Rotating Ball Bearing (ball bearing type isolator)</b>				
ADVANCED SYSTEM Co., Ltd.	Sales Division	+81-3-3610-2311	CRB	<a href="http://www.venture-web.or.jp">http://www.venture-web.or.jp</a>
ASEISMIC DEVICES CO., LTD.	Business Department	+81-3-3221-3741	FRB, RRB	<a href="http://www.adc21.co.jp">http://www.adc21.co.jp</a>
OILES CORPORATION	Sales Dept, Damping & Isolation Division	+81-3-5781-0314	CRB	<a href="https://www.oiles.co.jp/en/">https://www.oiles.co.jp/en/</a>
OKABE CO., LTD.	Sales Dept	+81-3-3624-5401	RRB	<a href="https://www.okabe.co.jp/english/">https://www.okabe.co.jp/english/</a>
THK CO., LTD.	Sales & Technical Dept. ACE Div.	+81-3-5434-0330	RRB	<a href="https://www.thk.com/?q=global/node/19374">https://www.thk.com/?q=global/node/19374</a>

FRB: Rotating Ball on Flat plane, CRB: Rotating Ball on Curved surface, RRB: Rotating Ball on Rails

## Damper

ASEISMIC DEVICES CO., LTD.	Business Department	+81-3-3221-3741	S	<a href="http://www.adc21.co.jp">http://www.adc21.co.jp</a>
EM-KE SEISMIC ISOLATION SYSTEMS LTD. (Turkey)	Sales Dept, Damping & Isolation Division	+90-533-514-9286	V, LD, O	<a href="https://emke.com.tr/en/">https://emke.com.tr/en/</a>
FUJI ENGINEERING CORPORATION (Turkey)	Sales Department	+90-542-365-6551	V, F	<a href="https://www.fujiengineering.com/index.php">https://www.fujiengineering.com/index.php</a>
GERB Vibration Control Systems Japan, Inc.	Technical sales department	+81-463-72-7438	V	<a href="http://www.gerb.co.jp">http://www.gerb.co.jp</a>
Kokankyo Engineering Corporation	Department of Seismic Products	+81-3-5413-6222	S	<a href="http://www.eae.co.jp">http://www.eae.co.jp</a>
MEIYU AIRMATIC CO., LTD.	Taylor Fluid Viscous Damper Dept. Vibration Control Engineering Section, Building Construction & Steel Structures Div.	+81-45-473-1881	S	<a href="http://www.meiyu-co.jp">http://www.meiyu-co.jp</a>
NIPPON STEEL ENGINEERING CO., LTD.			ST, LT	<a href="https://www.eng.nipponsteel.com/english/">https://www.eng.nipponsteel.com/english/</a>
OILES CORPORATION	Sales Dept, Damping & Isolation Division	+81-3-5781-0314	V	<a href="https://www.oiles.co.jp/en/">https://www.oiles.co.jp/en/</a>
SANWA TEKKI CORPORATION	Engineering Div.	+81-3-3474-0090	S	<a href="https://www.tekki.co.jp/en/">https://www.tekki.co.jp/en/</a>
SUMITOMO METAL MINING SIPOREX CO., LTD.	Seismic Isolation & Vibration Control Devices Department	+81-3-3435-4676	ST, LD	<a href="https://www.smm.co.jp/en/business/material/products/siporex/">https://www.smm.co.jp/en/business/material/products/siporex/</a>
THK CO., LTD.	Sales & Technical Dept. ACE Div.	+81-3-5434-0300	S	<a href="https://www.thk.com/?q=global/node/19374">https://www.thk.com/?q=global/node/19374</a>

O: Oil, S: Silicon, V: Viscous, F: Friction, FD: Friction Dish, ST: Steel, LD: Lead

## Flexible Joint for Piping (water supply, water drainage)

KURASHIKI KAKO CO., LTD.	Development Dept. Industrial Products Div.	+81-86-465-1715		<a href="http://www.kuraka.co.jp">http://www.kuraka.co.jp</a>
SUIKEN CO., LTD.	Sales Dept.	+81-748-53-8080		<a href="https://www.suiken.jp/en/">https://www.suiken.jp/en/</a>
Tozen Co., Ltd.	Vibration Isolation Project Team	+81-48-993-1033		<a href="https://www.tozen.co.jp/en/">https://www.tozen.co.jp/en/</a>
Zenshin Co., Ltd.	Development Dept.	+81-3-6353-1285		<a href="http://www.zensin.co.jp/eng/index.html">http://www.zensin.co.jp/eng/index.html</a>

## Expansion Joint

INOUE SHOUJI Co., Ltd.	Development Dept., Metropolitan Div.	+81-3-6415-7111		<a href="http://www.inoue-s.co.jp">http://www.inoue-s.co.jp</a>
Kaneso Co., Ltd.	Expansion Joint Dept.	+81-59-377-3232		<a href="http://www.kaneso.co.jp">http://www.kaneso.co.jp</a>
Nitta Corporation	Industrial material Div.	+81-743-56-0597		<a href="https://www.nitta.co.jp/en/">https://www.nitta.co.jp/en/</a>
PALA-CAP CO., LTD.	New Technology PR Dept.	+81-3-5202-0202		<a href="http://www.palacap.co.jp">http://www.palacap.co.jp</a>

## Base Plate for Isolators (setting on footing)

DAITO	Civil Engineering & Construction Industry Dept. Technical Div. Technical Headquarters	+81-6-6656-6620		<a href="http://www.k-daito.com">http://www.k-daito.com</a>
FUDAI SANGYO CO., LTD.	Seismic Isolation Div.	+81-544-65-5200		<a href="http://www.fudai-sg.co.jp">http://www.fudai-sg.co.jp</a>
OKABE CO., LTD.	Sales Dept.	+81-3-3621-1611		<a href="https://www.okabe.co.jp/english/">https://www.okabe.co.jp/english/</a>

#### Fire Proof for Isolators

A&A Construction Co., Ltd.	Engineering Dept.	+81-45-503-7730	<a href="http://www2.aa-material.co.jp/aa-construction/">http://www2.aa-material.co.jp/aa-construction/</a>
JAPAN INSULATION CO., LTD.	Tokyo office	+81-3-3553-2103	<a href="https://www.jic-bestork.co.jp/modules/smartsection/item.php?itemid=269">https://www.jic-bestork.co.jp/modules/smartsection/item.php?itemid=269</a>
SAS•SANWA Co., Ltd.	Head Office	+81-6-6533-1151	<a href="https://www.sassanwa.co.jp/global/">https://www.sassanwa.co.jp/global/</a>

#### Tracer (orbiter of building movement during earthquake)

Bridgestone Diversified Products Japan Co., Ltd.	Sales Dept. Seismic Isolation Devices	+81-3-4590-7001	<a href="http://www.bridgestone-dpi.co.jp">http://www.bridgestone-dpi.co.jp</a>
FUJI ENGINEERING CORPORATION (Turkey)	Sales Department	+90-542-365-6551	<a href="https://www.fujiengineering.com/index.php">https://www.fujiengineering.com/index.php</a>
JAPAN INDUSTRIAL TESTING CO., Ltd.	Social Infrastructure Department	+81-44-222-9002	<a href="http://www.nikkoken.com">http://www.nikkoken.com</a>
Material Research Co Ltd.	Head Office	+81-3-3356-1107	<a href="http://www.material-r.jp">http://www.material-r.jp</a>
Menshin Techno Service Co., Ltd.	Sales Dept.	+81-45-805-2318	<a href="http://www.menshin-techno.co.jp">http://www.menshin-techno.co.jp</a>
Quality Japan Co., Ltd.	Head Office	+81-45-581-9933	<a href="http://www.q-japan.sakura.ne.jp/">http://www.q-japan.sakura.ne.jp/</a>