

Company Profile

Innovating Safety and Reliability

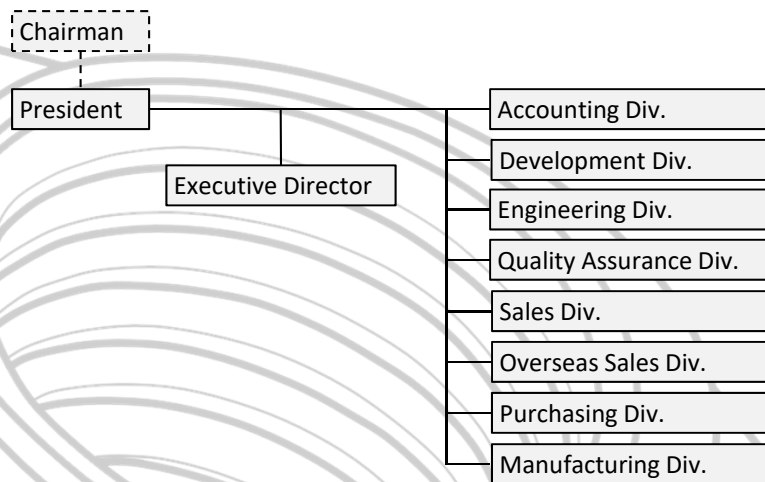


Name	HARDLOCK Industry Co., Ltd.
Established	April 1, 1974
Chairman (Founder)	Katsuhiko Wakabayashi (died on 18 Jul 2024)
President	Masahiko Wakabayashi
Business sites	
Main Office:	1-6-24 Kawamata, Higashi-Osaka, Osaka Prefecture 577-0063
Plants:	Nos. 1 – 5 (Higashi-Osaka)
Warehouse:	Product Center (Higashi-Osaka)
Tokyo Office:	2-5-9 Higashi-Ueno, Taito-ku, Tokyo 110-0015
Sales Turnover	1.9 billion JPY (FY 2022: Jul 2022 - Jun 2023)
Overseas dealers	UK, China, Korea, Czech, Thailand, Brazil, Australia, Taiwan, other
Banks	The Bank of Tokyo-Mitsubishi UFJ, Ltd., Sumitomo Mitsui Banking Corp.
Patents and other acquired rights	50
Employee	88
D&B D-U-N-S(R) No.	696173335



The founder
Katsuhiko Wakabayashi

Organization



Main Office & No.1 Factory



No.2 Factory (Testing Lab & Equipment production)



No.3 Factory & Product Center



No.4 Factory (Machining Plant)



2003 HARDLOCK Nut selected for the Good Design Award. First-ever product in the industry



Nov 2009 Honored with The Order of the Rising Sun, Gold and Silver Rays at the Autumn Commendations by the Emperor Heisei



2011 Received the Japan Innovators Award at the 10th Japan Innovators Awards



2014 Received a letter of appreciation from the President of JR Tokai for contributions to safety

Products

to provide unrivaled Safety and Increased Performance

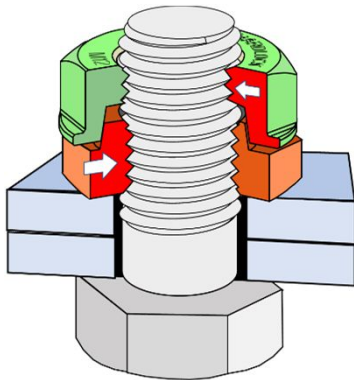


HARDLOCK Nut (HLN)



Sales quantity:
27,000,000 sets/year

To fasten bolted joint



Size

Standard Rim: M5 to M30
Basic: M6 to M130
Fine Pitch threads, Thin body type
Inch Series

Applications



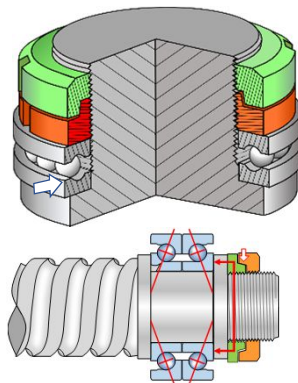
Railway infrastructures & Rolling stocks, Steel plants, Electric Power Plants, Pylons, Machineries, Bridges, Highways, Buildings, Mining & etc.

HARDLOCK Bearing Nut (HLB)



Sales quantity:
251,000 sets/year

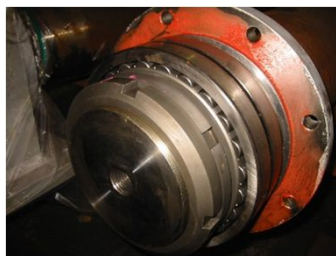
To set bearing axially on a shaft or on adapter sleeves



Size

M10 to M200

Applications



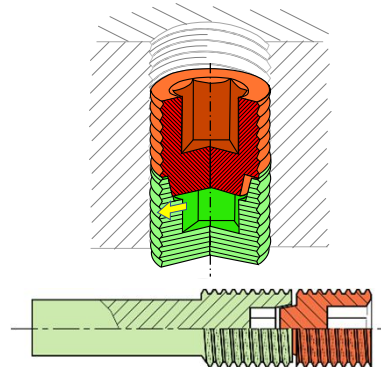
Steel plants, Machineries, Vehicles, Ball screws & etc.

HARDLOCK Set Screw (HLS)



Sales quantity:
136,000 sets/year

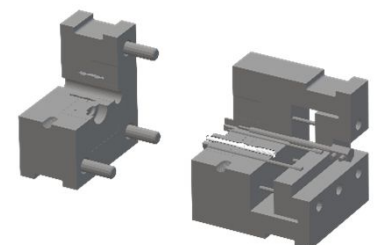
To fix a core pin for die casting/molding die & to lock shaft collars



Size

M8 to M36
Standard Normal
Standard Hollow
Pin Normal
Pin Hollow

Applications



Die casting/molding dies
Shaft collars

History

Self-locking effect recognized the world over



<p>1974 Apr Established HARDLOCK Co. in Nagata, Joto-ku, Osaka.</p> <p>1977 Mar Renamed the company HARDLOCK Co., Ltd. (Capitalized at 4 million JPY)</p> <p>June Opened a factory in Higashi-Osaka.</p> <p>1979 Mar Began manufacturing and selling the HLB (HARDLOCK Bearing Nut).</p> <p>1982 Oct Opened the Tokyo Office in Ueno, Taito-ku, Tokyo.</p> <p>1990 Aug Moved the Head Office and factory to the current location.</p> <p>1994 Aug Increased capital to 10 million JPY.</p> <p>1996 May Moved the Tokyo Office to the current location.</p> <p>1997 Apr Built a third factory on the site of the Head Office.</p> <p>1998 Jan Received the R&D Award at the 15th Annual Top Executive Awards from The Nikkan Kogyo Shimbun.</p> <p>Dec Received the Excellent Company Award from The Nikkan Kogyo Shimbun and the President's Award from the Higashi-Osaka Chamber of Commerce and Industry.</p> <p>1991 Jun Began manufacturing and selling to limited customers the SLN (Space Lock Nut).</p> <p>2000 Apr Began manufacturing and selling to limited customers the HLS (HARDLOCK Set Screw) and HL-P (HARDLOCK Pinlock Bolt).</p> <p>Jul Officially registered the "HARDLOCK" trademark (Reg. No. 4402041).</p> <p>Oct Built a fourth factory on the site of the Head Office.</p> <p>Dec Created a Trading Dept.</p> <p>2001 May Obtained approval from Railtrack of the UK for the HARDLOCK Nut to be used with railway signals (Authorization No. PA05/867).</p> <p>2002 May Began manufacturing and selling to limited customers the SLB (Space Lock Bearing Nut).</p>	<p>2003 Jan HARDLOCK Nut was selected for the Good Design Award. It was the first-ever product in the industry.</p> <p>Mar HARDLOCK Nut was adopted for Taiwan's Rapid Transit System.</p> <p>Oct HARDLOCK Nut was required for use in specific locations by Network Rail of the UK (Authorization No. PA05/2077).</p> <p>Nov Acquired ISO9001-2000 certification from TUV of Germany.</p> <p>Dec Obtained certification to use the HARDLOCK Nut from Queensland Rail, Australia. (Certificate No. C0054)</p> <p>2005 Jul Self-locking effect of the HARDLOCK Nut was announced in a research paper at the ASME PVP2005 Conference.</p> <p>2006 Dec Effectiveness of the self-locking effect of the HARDLOCK Nut was introduced in a documentary on train accidents by the BBC (UK), leading to wider-spread use in the railway industry.</p> <p>2007 Mar Selected for a Silver Medal at the 9th Higashi-Osaka Manufacturing Awards.</p> <p>Nov Listed amongst the Top Small Japanese Business Known Worldwide by Newsweek magazine.</p> <p>2008 Apr Given top scores in delivery, quality and price by Etesia of France.</p> <p>May Rated top level in loosening tests conducted by the China Academy of Machinery Science and Technology</p> <p>Jun Expanded the Head Office Factory.</p> <p>Jul Obtained approval for the HARDLOCK Nut to be used with railway cars by Pesa of Poland. HARDLOCK Nut was adopted for use on the ATR220 for Trenitalia of Italy.</p> <p>2009 Apr Named amongst the 300 Most Active Small Manufacturing Business</p> <p>Jun Named amongst the Top 100 Manufacturing Businesses in the Kansai</p> <p>Jul Selected for Special Recognition at the 3rd Monozukuri Nippon Grand Awards</p> <p>Nov Honored with The Order of the Rising Sun, Gold and Silver Rays at the Autumn Commendations by the Emperor Heisei.</p>	<p>2010 Jan Hosted Masayuki Naoshima, Minister of Economy, Trade and Industry, and his delegation for a factory tour.</p> <p>Mar Received the Invention Award at the 35th Invention Awards from the Japan Society for the Advancement of Inventions and Nikkan Kogyo Shimbun.</p> <p>2011 Mar President Wakabayashi's "The Screw That Never Comes Loose: How a Small Company Became a Global Player" was published in China, Korea, Taiwan and elsewhere.</p> <p>Oct Hosted Motohisa Furukawa, Minister of State for National Policy, for a tour of small businesses.</p> <p>Nov Received the Japan Innovators Award at the 10th Japan Innovators Awards from Nikkei Business Publications.</p> <p>2012 June ... President Wakabayashi delivered a special address for the 60th anniversary of his alma mater, the Osaka Institute of Technology.</p> <p>July ... Hosted Win Myint, Myanmar Minister of Commerce, and his delegation of 25 persons for a tour of exemplar small businesses in Japan. Also, hosted Masajuro Shiokawa, former Minister of Finance.</p> <p>Aug. ... President Wakabayashi delivered an address at the Summer Employee Seminar of the Ministry of Finance.</p> <p>2013 Jan Hosted Toshimitsu Motegi, Minister of Economy, Trade and Industry, for a factory tour and opinion-sharing with President Wakabayashi.</p> <p>Apr Exhibited products in the World Factory Area of The World's Best Laboratory for Everyone.</p> <p>Jun Registered the HARDLOCK Nut in the New Technology Information System, a database of technologies used in public works projects of the Ministry of Land, Infrastructure, Transport and Tourism (Reg. No. KK-130006-A).</p> <p>2014 Jul Built the Product Center to commemorate 40 years of business.</p> <p>Oct Received a letter of appreciation from the President of JR Tokai for contributions to safety, as a part of commemorative activities marking 50 years of service of the Tokai Shinkansen.</p>	<p>2015 Apr Received the Kuninomiya Higashi Memorial Award from the Kuninomiya Higashi Society.</p> <p>Jun Received the Cool Japan Award from the Cool Japan Association.</p> <p>Nov Received the Kuninomiya Higashi Culture Award from the Kuninomiya Higashi Society.</p> <p>2016 Jul Registered the "HARDLOCK" trademark in China.</p> <p>2017 May Launched joint research into self-locking fasteners for the medical field in cohort with the Tokyo Metropolitan Industrial Technology Research Institute.</p> <p>Sep Obtained approval to use the HARDLOCK Nut with fishplates from Network Rail of the UK, leading to use all across the UK.</p> <p>Dec Launched development of ultra-small HARDLOCK Nuts for the aerospace and medical fields. Built a fifth factory on the site of the Head Office. Conferred HARDLOCK Industry President's Awards to recipients at the WW Idea Competition of the Kuninomiya Higashi Society.</p> <p>2018 Jan Registered the "HARDLOCK" trademark in Korea.</p> <p>2019 Jun The world biggest Junker testing bench employed M3 Titan alloy HLN adopted for satterites</p> <p>Dec</p> <p>2020 Jul The Web site specialized to fastener tightening for professional opened</p> <p>2021 Feb Awarded Company of Value Prize</p> <p>2022 Oct Registered as official supplier of ARAMCO</p> <p>2023 Apr Awarded with The Intellectual Property Achievement from Minister of Economy, Trade and Industry</p> <p>Dec SLB (Space Lock Bearing Nut) on sale</p> <p>2024 18 Jul The founder Katsushiko Wakabayashi died at the age of 90</p>
---	---	---	---