

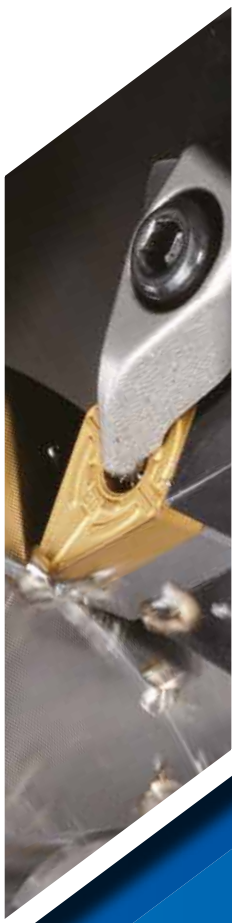


SUMITOMO

CARBIDE - CBN - DIAMOND

COMPANY PROFILE

SUMITOMO ELECTRIC Hartmetall GmbH



**SUMITOMO
ELECTRIC
GROUP**

We aim to be a cutting tool manufacturer that satisfies all our customers through speedy response to global market changes.

SUMITOMO ELECTRIC Hartmetall GmbH develop and manufacture a comprehensive range of cutting tool materials, Carbide, Cermet, SUMIBORON (CBN) and SUMIDIA (PCD). Our headquarters in Willich near Düsseldorf organises the sales, logistics and marketing for Europe, the Middle East and Africa (EMEA). Our customers are guaranteed competent technical advice via our highly qualified consultants and application engineers. Our European production facilities are located in southern Germany (Lauchheim) and in the Czech Republic (Jihlava). We are also proud to make reference to our European Design & Engineering Center (E-DEC) based in Lauchheim.

We consistently strive to be a company that is able to respond rapidly to changes in our customers business environment. Enhancing our engineering technologies and product development permits us to expand our business in collaboration with our domestic and international sales office networks and production facilities.

SUMMARY

Company Name	SUMITOMO ELECTRIC Hartmetall GmbH
Established	1981
Production network	Europe: Germany (Lauchheim), Czech Republic (Jihlava) Overseas: Japan, U.S.A., Thailand, Indonesia, China, etc.
Business activities	Development, production and sales of cemented carbide, CBN and diamond cutting tools (brand names: SUMIBORON, SUMIDIA)
Employees	400 in Europe, about 3000 worldwide for cutting tools

THE SUMITOMO SPIRIT

Business Principles

- | | |
|-----------|---|
| Article 1 | Sumitomo shall achieve prosperity based on solid foundation by placing prime importance on integrity and sound management in the conduct of its business. |
| Article 2 | Sumitomo's business interest must always be in harmony with public interest; Sumitomo shall adapt to good times and bad times but will not pursue immoral business. |

- Attaching importance to technology
- Long-range planning
- Respect for human resources
- Mutual prosperity, respect for the public good



COMPANY HISTORY

- 1931 Started to manufacture and sell carbide cutting tools
- 1977 Started to manufacture and sell sintered CBN cutting tools under the brand name SUMIBORON
- 1978 Started to manufacture and sell sintered diamond tools under the brand name SUMIDIA
- 1981 Foundation of SUMITOMO ELECTRIC Hartmetall GmbH in Germany
- European Headquarters
- 1984 Foundation of SUMITOMO ELECTRIC Hardmetal Ltd. in the United Kingdom
- 1985 Foundation of French branch
- 1989 Foundation of SUMITOMO ELECTRIC Hartmetallfabrik GmbH in Germany
- production facility
- 2004 Foundation of Italian branch
- 2008 Foundation of SUMITOMO ELECTRIC Hartmetallfabrik GmbH in Czech Republic
- production facility
- 2012 Foundation of European Design and Engineering Center (E-DEC) in Germany
- innovative development and technology center
- 2013 Foundation of SumiSertmetal in Turkey



Nanban-buki: An ancient smelting technique that used lead to separate silver and remove impurities contained in crude copper.

THE GROUP

COMPANY PHILOSOPHY

The Sumitomo Electric Industries Ltd. (SEI) is a global corporate group with 380 consolidated companies and over 240,000 employees in more than 40 countries around the world - mainly in Europe, Asia and North America. We aim to contribute to economic and social development not only by offering excellent products and services, but also by carrying out business activities in harmony with local society, based on our respect for the culture and custom of each country or region.

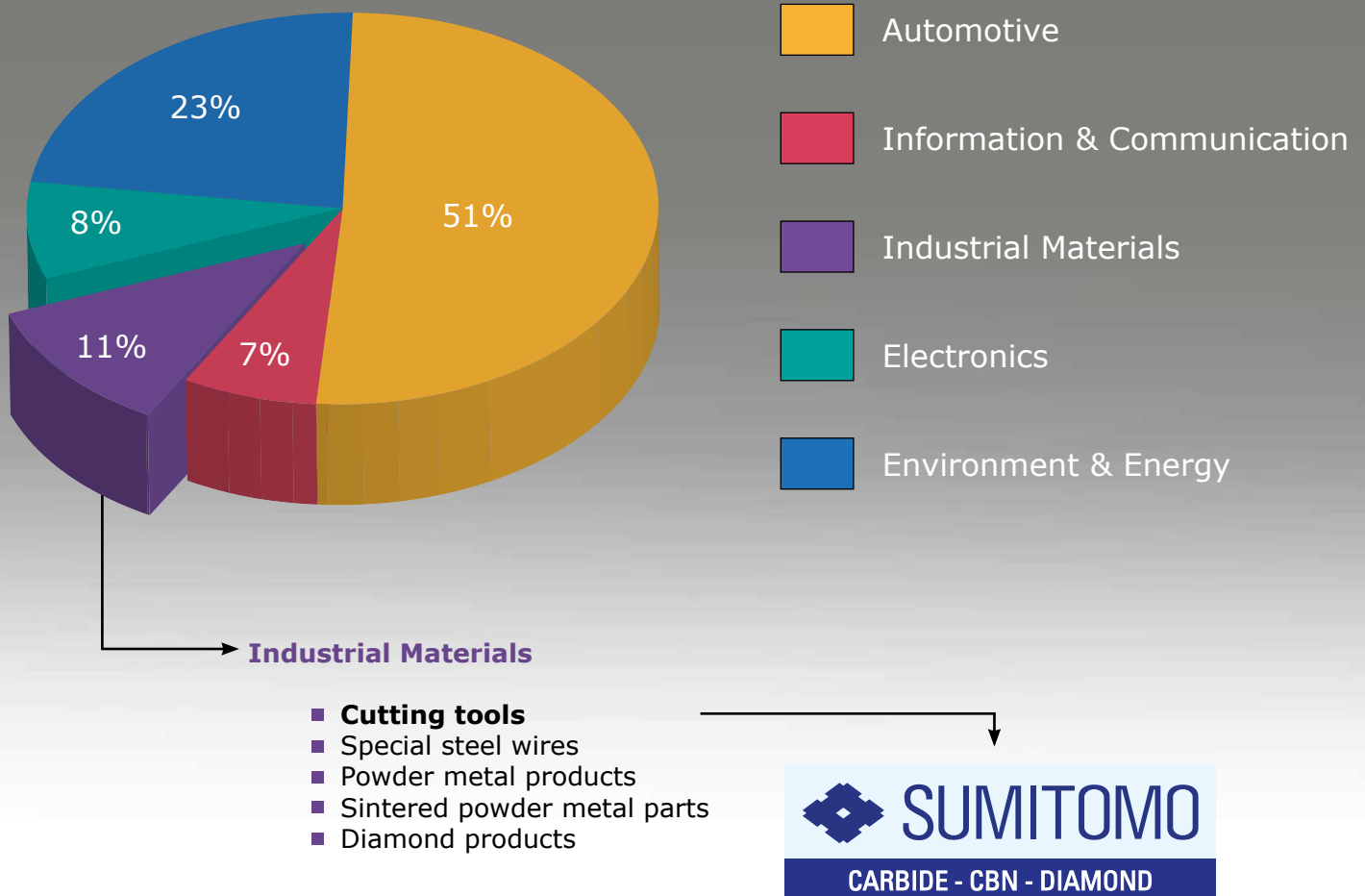
These principles have their origin in a company history that goes back 400 years. It is a trustful culture which is oriented on sustainability.

- Banji-nissei „Do your sincere best, not only in business, but in every aspect of your life“
- Shinyo-kakujitsu „Be worthy of the trust of others“
- Fusu-furi „Do not act rashly or carelessly in pursuit of easy gains“

SUMITOMO ELECTRIC INDUSTRIES LTD.

The companies of the SEI group develop, produce and distribute products in five areas of business:

Ratios of the business unit in the total sales as of 2017:



SUMITOMO ELECTRIC HARTMETALL GMBH

The globally operating Japanese company Sumitomo Electric Industries Ltd. founded in 1981 its subsidiary SUMITOMO ELECTRIC Hartmetall GmbH in Willich, Germany. From there the sales and service activities for carbide, CBN and diamond cutting tools in Europe, the Middle East and Africa are controlled.

We are also proud to make reference to our European Design & Engineering Center (E-DEC) based in Lauchheim.



PRODUCTS

Our aim is to provide the market with world class tooling, manufactured to the highest quality supported by an unrivaled customer service. For these requirements, we are constantly developing new solutions and products utilizing our creativity together with our many years of experience and know-how, whilst reducing cost and improving quality and performance.



TURNING

As a world leading manufacturer of turning tools and cutting materials, Sumitomo has a distinguished know-how in turning tasks. Therefore Sumitomo offers a wide variety of carbide grades as well as coated and uncoated cermet grades, which provide high cutting speed and high precision with long durability.

DRILLING

To achieve an innovative drilling process of workpieces, Sumitomo offers excellent drilling tools and solutions for a variety of machining conditions, materials and application types. With our reconditioning and coating service as well as exchangeable drill heads, we provide an increase of productivity and profitability.

MILLING

For the milling process the choice of milling tool and cutting material is an important factor to achieve an optimum of efficiency and effectivity. Sumitomo provides numerous milling tools and materials to cover a wide application range from face milling and shoulder milling to special milling processes.



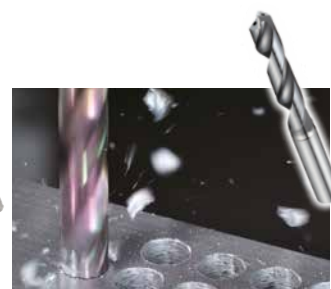
Turning tools



Milling tools



Endmills

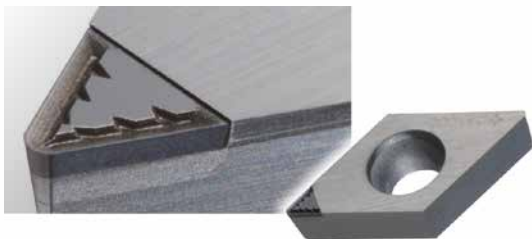


Drills



SUMIDIA / SUMIBORON

In 1977 Sumitomo developed its world famous range of PCD (Polycrystalline Diamond) and CBN (cubic boron nitride) products named SUMIDIA and SUMIBORON, both confirming the Sumitomo position of market leader in the fields of hard and dry machining. These tool materials can be epoch-making in a sense of broadening the cutting application range.



SUMICRYSTAL

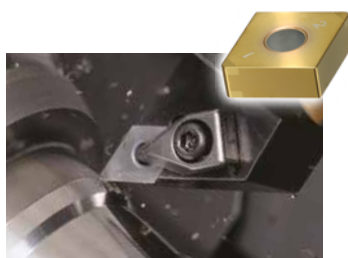
SumiCrystal is synthetic monocrystalline diamond, that Sumitomo succeeded in mass production for the first time in the world. SumiCrystal is manufactured under severe quality, so it is suitable for industrial materials.

OPTICAL PARTS

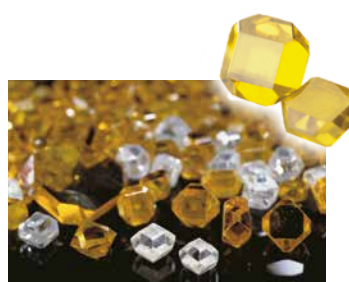
We supply a wide range of optical parts from transmission to focusing industries utilising laser beam technology.



SUMIDIA



SUMIBORON



SumiCrystal



Optical parts

EUROPEAN NETWORK

As European headquarters SUMITOMO ELECTRIC Hartmetall GmbH organises the sales, logistics and marketing for Europe, the Middle East and Africa (EMEA), and has access to a selection of over 70,000 different cutting tools in its range. Our European production facilities are located in southern Germany (Lauchheim) and in the Czech Republic (Jihlava).

Our distribution and service activities in Europe are organized through offices in various countries such as Germany, France, Italy, United Kingdom and Turkey.

Sales Network

SUMITOMO ELECTRIC Hartmetall GmbH

■ European Headquarters
Konrad-Zuse-Str. 9, 47877 Willich / Germany
Phone: +49 2154 4992 0
Info@SumitomoTool.com

SUMITOMO ELECTRIC Hartmetall GmbH

■ French Branch
22, rue du Bois Chaland - C.E. 2924 - Lisses
F - 91029 Évry Cedex
Phone: +33 16 989 8383
Contactfr@SumitomoTool.com

SUMITOMO ELECTRIC Hartmetall GmbH

■ Italian Branch
Strada della Cebrosa 86, I - 10156 Torino
Phone: +39 11 2736 711
Info-Italy@SumitomoTool.com

SUMITOMO ELECTRIC Hardmetal Ltd.

■ UK Sales Office
Summerleys Road, Princes Risborough HP27
9PW Buckinghamshire
Phone: +44 1844 342081
InfoUK@SumitomoTool.com

SumiSertmetall

■ Turkish Sales Office
ITOSB Sanayi Sitesi 2. Cad. No:22
34959 Tepeoren / Tuzla / Istanbul
Phone: +90 2163 6496 34120
Info-tr@SumitomoTool.com

Production Network

SUMITOMO ELECTRIC Hartmetallfabrik GmbH

■ German production facility
Industriestraße 2, 73466 Lauchheim / Germany
Phone: +49 7363 870
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SUMITOMO ELECTRIC Hartmetallfabrik GmbH

■ Czech production facility
Červený Kříž 282, Jihlava, 586 02 / Czech Republic
Phone: +42 5675 64482
Info@SumitomoTool.com

Engineering Center

SUMITOMO ELECTRIC Hartmetall GmbH

■ European Design & Engineering Center
Industriestraße 2, 73466 Lauchheim / Germany
Phone: +49 7363 870
Info@SumitomoTool.com





R&D

In cooperation with Sumitomo Electric Industries Corp. our company is engaged in research and development of new, innovative and advanced metal cutting tool materials, to meet changing industry needs, on an ongoing basis.



European Design & Engineering Center

In 2012 we established our innovative development and technology center E-DEC located in Lauchheim, Germany. This investment created 2,000 square meters of presentation, training, and meeting rooms to present theory-based trainings and practical machinery presentations. Latest technologies enable demonstrations of tools and systems in action.

Work pieces can be machined, the production processes can be optimized and together the acquired expertise can be evaluated and confirmed directly on the machines in the presentation center. Our customers receive the complete solution, which they can subsequently transfer to their own production.



GLOBAL NETWORK

Our aim is to provide the global market with precision tools, manufactured to the highest quality supported by an excellent customer service.

We aim to contribute to economic and social development not only by offering high class products and services, but also by carrying out business activities on harmony with local society, based on our respect for the culture and custom of each country or region.

North America

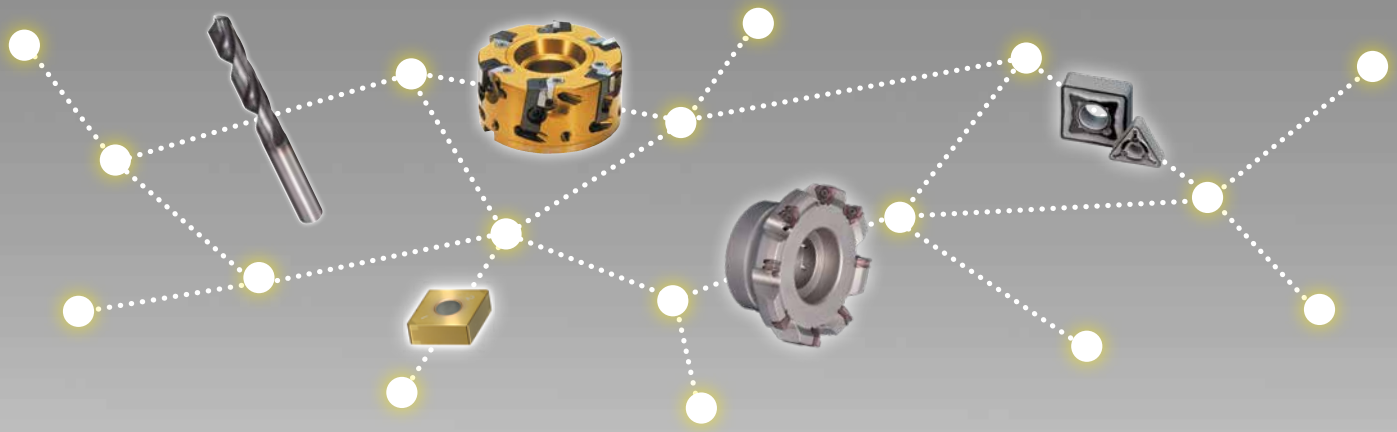


Global Tool Engineering Centers

- Germany
- Japan (5x)
- Thailand
- Shanghai
- U.S.A.
- Indonesia

In order to provide a high level of support and satisfaction for our customers, we have created several Tool Engineering Centers around the world.

South America



Europe

Asia

D'üsseldorf, Germany
 London, U.K.
 Paris
 Turin
 Lauchheim, Germany
 Jihlava, Czech Republic
 Istanbul, Turkey

Changchun
 Beijing
 Changzhou, China
 Chengdu
 Chongqing
 Guangzhou
 Ningbo
 Shanghai, China
 Qingdao
 Dalian
 Hokkaido
 Osaka, Headquarters Japan
 Bangkok, Thailand
 Manila
 Kuala Lumpur
 Singapur
 Jakarta, Indonesia
 Karawang, Indonesia

Africa

Australia

Sydney, Australia
 Melbourne

- ○ Sales network
- ○ Production network
- ○ Tool Engineering Center

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