

MÄDLER GmbH



Category

Assortment provider / service: Power transmission, standard parts, accessories

Company dates

MÄDLER GmbH
Tränkestraße 6-8
D-70597 Stuttgart
Germany
www.maedler.de

Further contact dates: See next page.

Company

MÄDLER®, founded 1882, is one of the leading producer and supplier of power transmission elements and standard parts. In the MÄDLER® group, there are in Germany two plants and three sales branches. The group is doing business world wide.

Product range

Power transmission elements, handles, DIN-parts, dampers, pneumatics, linear motion, roller bearings, gear boxes, geared motors, telescopic slides, adhesives and sealants. MÄDLER® is well known for its very extensive product range with best availability.

Quality

A lot of sophisticated products are produced in the both own plants in Germany. Other products are made due to german quality standards. MÄDLER®'s quality management is certificated according to DIN 9001:2015.

Contact

Export department :
Tel. +49 711 720 95 885
Fax +49 711 720 95 33
Email: export@maedler.de

Website

On the internet at www.maedler.de you find all products with prices and sign of availability. Use our CAD-drawings, our selection- and calculation-tools and the download-center. Make your online orders quick and comfortable.

Catalog

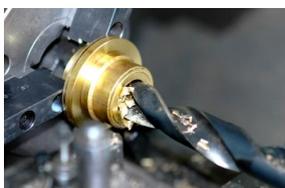
Ask for our print catalog. 872 pages with 26,500 products and a lot of additional needful information.

Availability

In the product range, there are round about 28,000 parts. 96% of them are available directly from stock.

Shipping

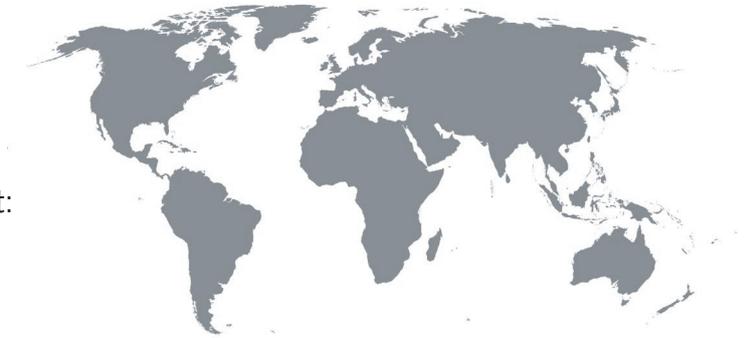
Normally the orders are shipped at the same day. 95% of the sendings reach our customers at the next day.





Made in Germany - the factory near Hamburg

Dear Customers,
 in many countries around the world, we have responsible distributors to provide you the best service. These partners can be found at www.maedler.de in the section Branch Offices. For countries without a distributor, please contact:



MAEDLER GmbH
Export-Department
 Traenkestrasse 6 - 8
 D-70597 Stuttgart
 Germany

Phone +49 711 720 95 885
Fax +49 711 720 95 33
export@maedler.de

MÄDLER® branches worldwide

Made in Germany - our factory in Stuttgart





The Company



MÄDLER® GmbH
Head office Stuttgart



MÄDLER® GmbH
Düsseldorf branch



MÄDLER® GmbH
Hamburg branch



MÄDLER® Norm-Antrieb AG
Swiss Subsidiary



On November 9th, 1882 the foundations were laid in Berlin. Bruno Mädler went self employed. He was dealing with fittings and hardware for the building industry, rivets, screws, bolts and nuts.

But business went booming fast. In 1905 the company proudly moved into their first own company building. The numbers of customers, products and employees were quickly rising. Thus in the 30ies the company had about 300 employees and was one of the leading tool building and mechanical engineering companies in Germany.

The end of world war II in 1945 brought along drastic changes, also for Bruno Mädler. Two months before the end of the war: air raid on Berlin. Hardly one stone remained on the other. The **MÄDLER®** company building in Koepenicker Street was completely destroyed.

When the rebuilding began, nobody new about the separation of Berlin that would later take place. The decision for a restart in East Berlin therefore evolved as momentous: The trade company was thus later managed as a trust and in 1972 the company was officially converted into public property.

The branch in West Berlin, which had been started at the same time, took a different development. After the war it became the new basis for company development. But: the strong competition of the free-market economy made the company change its approach. The main goal was now to find new, promising market niches.

And in fact, a sector that was perfectly suited could be found: gear elements, gear units, geared motors, machine building elements, standard parts and threaded spindles with accessories offered good future perspectives.

And the further development showed how correct this estimation had been. 1959 the branch in Stuttgart was founded, followed by Dusseldorf in 1963.

An even bigger step followed in 1968: Due to supply shortages and the high demands we have always had on quality we started to be

interested in building up our own production and in 1968 we got the chance to join up with a company.

This cooperation went so well, that in 1984 our first own production site, the toothing and gearing technology company Verzahnungstechnik Mädler GmbH, was founded. At the same time a number of other things happened:

- 1970: the company headquarters are moved from Berlin to Stuttgart.
- 1975: the subsidiary in Hamburg is founded.
- 1977: the business premises in Berlin are being closed.
- 1978: the Transnord GmbH in Hamburg is founded, with participation of the **MÄDLER®** GmbH.
- 1978: **MÄDLER®** also starts trading in the neighbouring countries. The company **MÄDLER®** Norm-Antrieb AG in Feuerthalen/ Switzerland starts making business.
- 1988 the headquarters in Stuttgart move into their new, own premises. 1990 the subsidiary in Dusseldorf moves - for the same reason.
- 2004 the area in Stuttgart is extended by about 3000 sqm.
- 2007 the Madler-Silvertech Power Transmission Components LTD. was founded in Shenzhen. This is the third factory of **MÄDLER®**.
- 2010: the subsidiary in Hamburg moves together with the factory Transnord into new buildings in Stapelfeld near Hamburg.
- 2012 the area in Stuttgart is extended by about 5400 sqm.
- 2015 in Stuttgart, the central stock is extended by a new hall. The factory in Stuttgart moves into a new, bigger building.
- 2017: the central stock is extended by a fully automatic high-rise storage system.

The Product Development

What once started with a few hundred parts, progressed rapidly. All company areas - whether trade or production schedule, driving, gearing or long-thread technology - have developed a variety that nobody would have expected.

A result to be proud of, and which the about 135 **MÄDLER**® employees gain from their 32,000 active customers. Then again, there is still a lot of potential left.

From more than 26,500 parts in the catalogue product range, about 6,000 articles are produced by the own manufacturing companies to ensure the high quality level.



The Standard Programme

The **MÄDLER**® standard range is mainly oriented on the general demand from our international business partners and is continuously extended with standard parts as well as technical innovations. To some extent the standard range is complemented with our own **MÄDLER**® products as, e.g., trapezoidal thread spindles with nuts, splined hubs with clamp collars, sprockets and so on.

Especially in the spare parts range an immediate supply - ex stock - is an absolute necessity which can reduce costs induced by machine downtimes. In this field **MÄDLER**® offers a wide range of standard parts and a wide-spread, reliable distribution network offering you fast solutions for your problems. You can take us at our word...

MÄDLER® meets even the highest quality requirements:
Top quality,
precision and
reliability.





Custom-Made Products

The modern production machinery and our team of specialised, skilled workers serve as a basis for another main part of our production: Custom-made products according to drawings or your specifications, from one-off production up to large series, at a good price and with short delivery times- with perfect quality control, and flexible as today's market demands: Spur toothed gears, gear racks, bevel gears, worm gears and worms, trapezoidal threaded spindles and nuts, splined shafts, splined hubs and clamp collars.

Our Own Production



The **MÄDLER**® group produces its parts at two manufacturing sites in Germany, in Stuttgart and Hamburg. There specialised workers produce our own **MÄDLER**® -product range on the most modern CNC machinery.



One-off production according to drawings or samples up to larger series. with a perfect quality control, flexible, as today's market demands.



The most important prerequisite is a highly qualified and also cost-effective production and a guarantee for shortest delivery times for all parts listed in the yellow **MÄDLER**® catalogues and the internet.

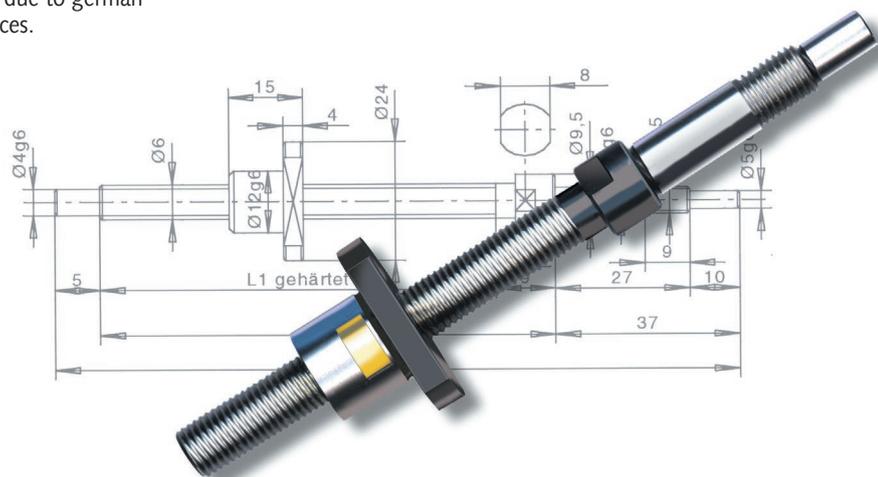


Another factory is in China. This joint-venture enables simpler mass parts due to german quality standards at low prices.

We keep things moving

Ballscrew Spindle Drives

MÄDLER® can supply you with ballscrew spindle drives matching your special specifications.



www.maedler.de

...the entire MÄDLER® range with CAD files on the Internet

We present the entire **MÄDLER®** range with CAD files and **MÄDLER®** info, continuously updated, on the internet. Fast access to the data, fast ordering by internet.

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...we keep things moving

Please use our website at www.maedler.de

Put in a search word or part number and go directly to the product page

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Manual instructions, certificates, safety data sheets in the section Downloads

MÄDLER®
GEGRÜNDET 1882

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Cart No Items available Sign In Language English

Products > Spur Gears, Toothed Racks, Internal Gears, Ratchet Wheels > Spur Gears, Straight Tooth System > Spur Gears, Steel 16MnCr5, Hardened, Ground, Module 1 to

Precision Spur Gears, Hardened and Ground, Module 1.5

Material: Steel 16MnCr5, case hardened HRC 58 ± 2. Teeth, bores and faces ground. Tooth quality 7 e25. Pressure angle 20°. Feather Keyways in acco

Service: [Katalogseite](#) [Zusätzliche Informationen](#)

The supplied 3D models, pictures and technical drawings are made with reasonable care. Nevertheless liability is excluded for the accuracy and correctness of this data.

(Available from stock without engagement / available within short time / Delivery period by arrangement. Please contact us.)

Product	Quantity	No. of Teeth	b [mm]	da -0,1 [mm]	d [mm]	NL [mm]	ND [mm]	L ± 0,05 [mm]	B ^{H6} [mm]	Admissible MD [Nm]	Weight [g]
22881200	<input type="text"/>	12	15	21	18	1,5/1,5	14	18	8	12,5	25
22881500	<input type="text"/>	15	15	25,5	22,5	1,5/1,5	18	18	10	18,1	40
22881512	<input type="text"/>	15	15	25,5	22,5	1,5/1,5	18	18	12	18,1	36
22881800	<input type="text"/>	18	15	30	27	1,5/1,5	22	18	10	23,0	63
22881812	<input type="text"/>	18	15	30	27	1,5/1,5	22	18	12	23,0	58

The availability of all products is shown by coloured sign

Drag the mouse onto the currency-symbol to see the prices*

Download CAD-drawings in 3D

A lot of possibilities and information:

- Download of PDF catalogues in different languages.
- See all our branches and distributors.
- Make easily your order online and follow your parcel.
- **MÄDLER®-Tools:** Use our selection- and calculation tools.
- **News:** Useful information about exhibitions and others.
- **Newsletter:** Monthly information per e-mail.

MÄDLER® - your expert for power transmission elements.

Discover our wide range:



Standard program:

Toothed parts such as gears, racks, bevel gears, pulleys, sprockets. Locking assemblies, lead screws and nuts, splined shafts and hubs, linear motion, rolling bearings, standard parts, couplings, gearboxes and geared motors, pneumatic elements, telescopic slides.

Special parts:

Transmission parts according to customer samples or drawings, from single parts to large series and ready-to-install assemblies - short delivery times, competitive prices and perfect quality.

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- > A lot of documentations and information for technical calculation.

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