

# Company Profile

## Jongen

### Werkzeugtechnik



## Company Profile

Jongen Werkzeugtechnik GmbH has been founded in 1974 and has its headquarter in Willich, near Düsseldorf, Germany.

Jongen Werkzeugtechnik GmbH is one of the most innovative companies in the field of milling tools for cutting. For more than 40 years our company has been manufacturing milling cutters of highest quality for metal and plastic working applications exporting them throughout Europe.

Jongen's success is based on supporting pillars such as experienced personnel, customer-oriented services, high perception given to research and development, latest machinery, integrated production know-how and high quality standards.

Furthermore, our sales staff provides our customers with an excellent assistance and technical solutions, in accordance with the individual requirements of each customer.

Our high qualified personnel is to the customers' disposal before, while, and after having introduced our milling tools.

Our comprehensive standard programme offers milling tools for a wide range of milling operations.

We also provide numerous opportunities to develop special tools to meet the special requirements of our customers.

Modern production methods, high adaptability and constant developments allow us to be always up-to-date and to be able to provide innovative solutions.



More than 200 employees work at Jongen Werkzeugtechnik GmbH in 7 plants, all located in Willich, Düsseldorf and additionally 40 sales representatives act all over Germany.

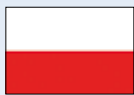
In Italy, France, Hungary, Switzerland, Luxembourg Austria and Belgium we also have our own sales representatives.



In the following countries we work with exclusive distributors:



Denmark



Poland



Portugal



Romania



Slovakia



Slovenia



Spain



Czech Republic



Taiwan



Turkey



USA



PR. of China

## Our buildings in Willich, Germany

### Building - Siemensring 11



Administration, Sales, Export

### Building - Hans-Böckler-Str. 5



One-off tool production,  
Product development, CAD-construction,  
Marketing

### Building - Hans-Böckler-Str. 7



Production solid carbide cutters  
One-off tool production solid carbide cutters  
Regrinding service solid carbide cutters  
Training center

### Building - Hans-Böckler-Str. 9



Inserts manufacturing,  
Sales France

## Our buildings in Willich, Germany - continued

### Building - Hans-Böckler-Str. 15



Training center, Accounting, Human Resources,  
Purchasing Department, Production Planning Department,  
Central warehouse



### Building - Hans-Böckler-Str. 17



Cleaning, Coating center

### Building - Hans-Böckler-Str. 18a



Milling cutter bodies production



## Product Range

Our wide milling tools product range goes from milling cutters with inserts over shank-roughing-milling systems to solid carbide cutters.

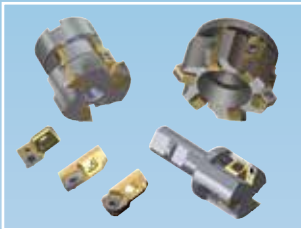
To ensure the same quality standards, the corresponding inserts, tool holders or spare parts like connecting screws are also available.

According to our slogan: „Milling tools....made by Jongen“ we guarantee the highest quality.

Our milling tools are suitable for most different materials and milling purposes.

A brief overview with some examples concerning the single tool groups is indicated below.

(Detailed information as well as the complete product range are available at our main catalogue as well as on our website).



### Cassette Holders and Cassettes

Jongen UNI-MILL cassette holders and cassettes offer a high adaptability. Owing to the diversity of the cassettes that can be used in combination with the adjustable holder, most applications in step and face milling can be achieved.



### Shell Type Milling Cutters

Jongen UNI-MILL shell type mills have been created for covering a wide range of milling applications like face, step, slot, contour milling and are therefore highly versatile. Most types are available in close, coarse and regular tooth pitch.



### Shank Type Milling Cutters

Jongen UNI-MILL shank type mills have been developed for a great variety of milling purposes: face, step, slot, contour milling. Most types are available in coarse, close or regular tooth pitch as well as in different working lengths.



### Screw-in Cutters

Jongen's screw-in cutters are suitable for most different milling duties such as: face, step, slot and contour milling. Most types are available in coarse, close or regular pitch. A high grade of flexibility results from the adaptability.



### Deburring Milling Cutters

Jongen UNI-MILL deburring milling cutters and deburring rings are available in different angles from 10° - 75°, depending on type. These tools can be employed for chamfering and counter-sinking almost all materials.



### Multi-Tooth Milling Cutters

Jongen UNI-MILL multi-tooth milling cutters have been designed for working by greater depths of cut, as when step, slot and contour milling. Depending on the tool diameter in use and the workpiece material, slotting up on the full cutting lengths is possible.

## Product Range - continued



### Shank-Roughing-Milling System

The shank-roughing-milling system is most versatile thanks to the modular milling rings which can be easily coupled. This system consists of a basic body, an adapter, and milling rings that can be added as required (up to stability limit).



### Milling Cutters for Tool, Mould and Die Construction

The milling cutters for tool, mould and die construction have been especially developed for current applications within this specialised sector, for roughing and finishing of hardened and non-hardened materials. Coarse and close tooth pitches, as well as inserts with and without chip-breaker are available.



### High Feed Milling Cutters

These milling cutters have been developed for very high feed milling with an axial depth of cut up to 3,5mm. Almost no radial cutting forces does appear. These tools have been especially designed for current applications within the specialised sector, for roughing and finishing almost all materials. The milling cutters are available in coarse and close pitch, as well as inserts with and without chip breaker.



### Side Milling Cutters

Jongen UNI-MILL side milling cutters are available with coupling bores to DIN 138 and as shell side milling cutters with coupling bores to DIN 8030-A and with diameters from 63 to 250 mm. These side milling cutters are suitable for almost all materials and offer highest stability due to embedded inserts.



### Drilling tools

Our product line of drilling tools has been developed for high-performance machining of steel, high grade steel, difficult-to-mill materials, cast iron and aluminium.

Bore depth up to 3 x diameter is possible with the help of these tools.



### Tool Holders

We can provide all current types of tool holders.



### Solid Carbide Cutters

Jongen UNI-MILL solid carbide cutters are available within a wide range of standard programme, such as flat-, torus- and ball-shaped, long and short versions as well as double-ended versions for a multitude of milling operations. Moreover, solid carbide cutters for machining up to 70 HRC as well as micro end mills are available.



### Regrinding Service for End Mills

We offer a regrinding service for Jongen UNI-MILL end mills.

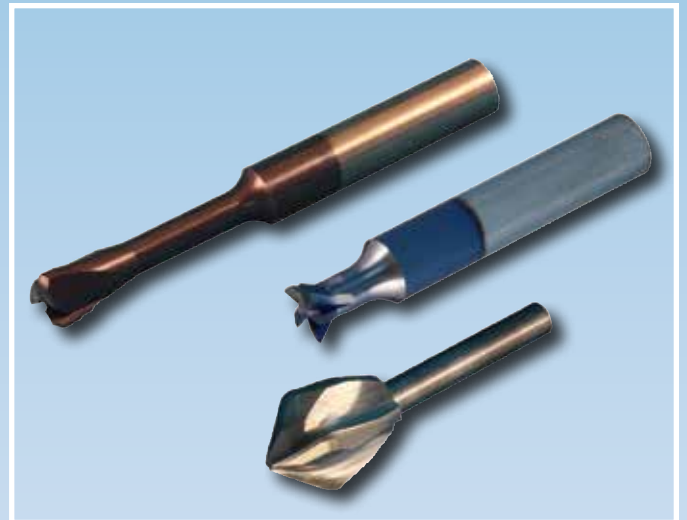
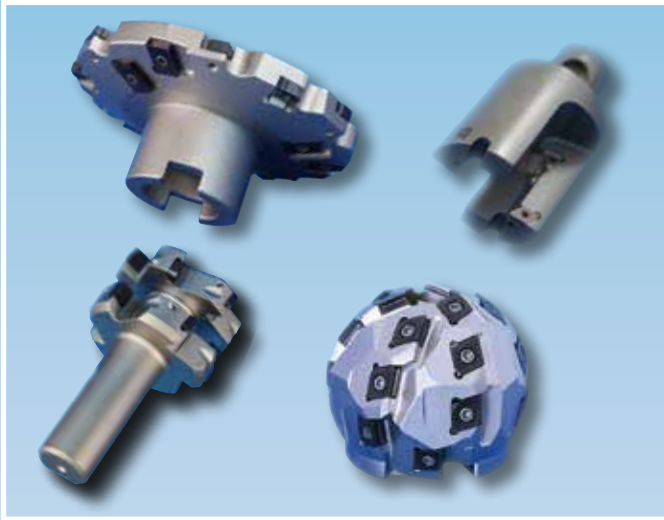
For more detailed information please ask for our catalogue "Regrinding Service for End Mills" or download it from our homepage [www.jongen.de](http://www.jongen.de)

## Special Tool Production

Should our comprehensive standard tool programme not be sufficient to satisfy your special milling purpose, we also provide opportunities to develop special tools. Thus, the development and production of special tools in accordance with clients' requirements is another focal point of Jongen Werkzeugtechnik GmbH.

Our know-how and our experience combined with our own high demands on quality, functioning capacity, and innovation guarantee optimal tools solutions for individual milling operations.

For more detailed information please ask for our brochure "Rapid Line" or download it from our homepage [www.jongen.de](http://www.jongen.de)



## Customers

Small and middle sized companies as well as international groups rely upon our specific qualifications and profit by the reliability and the secure mode of working procedure of our tools.

If you have further questions, please visit our website [www.jongen.de](http://www.jongen.de), write us an email ([export@jongen.de](mailto:export@jongen.de)) or give us a call.

On our website you will find more detailed information on our products and our company. In the download area you can download different catalogues, brochures and technical information.

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