

Newspaper for customers and friends
of HAINBUCH GmbH
SPANNENDE TECHNIK
Marbach, Germany

24

October 2009



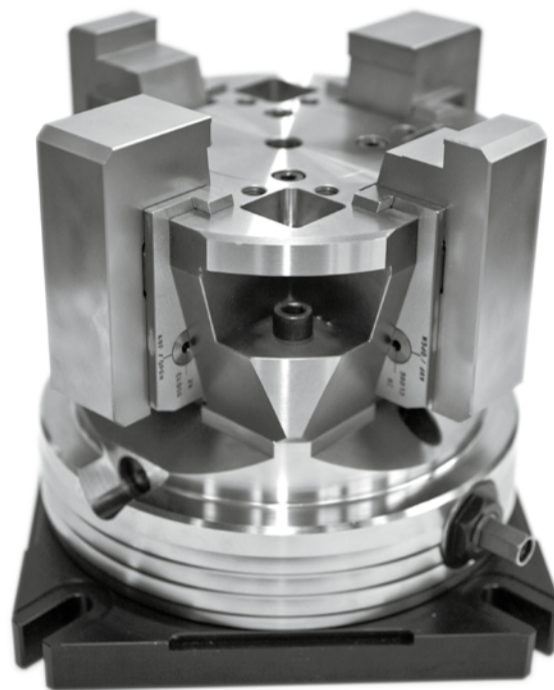
Now even more
flexible solutions

Clamps everything: QUADROK 5-axis clamping vice

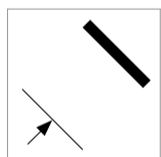
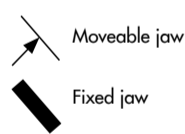
World innovation!

Complex and expensive special solutions? To a great extent you can save yourself the bother in the future. With QUADROK you have a clamping system with strengths in the area of 5-sided machining, and with its function always adapting to the work piece. From simple saw cuts to a complex cast part; you can change QUADROK in a maximum of 2 minutes, thanks to the fast change of jaws. With QUADROK you produce

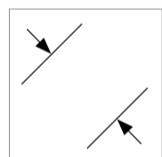
faster, just-in-time, and significantly more cost-effectively. Your delivery reliability increases, throughput times drop, and your customers will be pleased with the result. Whether machining the first side or the second side, with QUADROK you clamp what you want and how you want. And of course you can also implement a mandrel or chuck clamping – the flexible HAINBUCH modular system makes it possible.



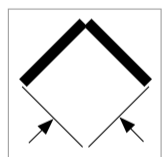
What type of clamping will it be?



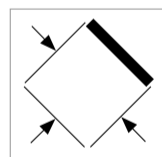
Vice clamping function



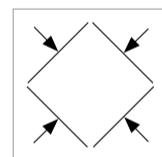
Concentric clamping function



Double-vice clamping function



Concentric + vice clamping function



Double-concentric clamping function

Always ready for an immediate start: The variable end-stop systems

2 systems, even more flexibility, the choice is yours. Cost-intensive, and time-consuming end-stop designs are in many cases a thing of the past.

At least for those who use our SPANNTOP or TOPlus chucks. With our standardized work piece end-stops, vario part and vario quick, you save valuable time in work preparation, drastically reduce your set-up times, you are significantly more flexible, and always have the suitable end-stop on hand.

vario part system [for precise, rigid clamping]

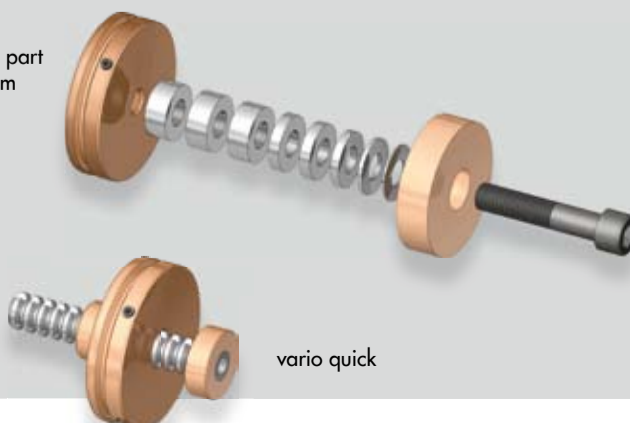
It functions on the same principle as a block gauge box, and can be height-adjusted in 1 mm increments with precision disks. With a face run of < 0.02 mm at the top of the end-stop that contacts the work piece, vario part is ideal for machining finished parts.

vario quick [for fast, flexible clamping]

On the other hand this version works with a precision trapezoidal thread that allows quick adjustment of the clamping length. A half turn corresponds axially to 1 mm.

Regardless of which version you choose, it will certainly make your work easier. And blanks for work piece end-stop or front end-stop? Of course these are also available from HAINBUCH.

vario part System



vario quick

Dear customers,
dear friends of the company,

I no longer use the »C-word« that has impacted the world for more than a year. Nevertheless it affects everyone, we are confronted with it daily – on all channels, in all media. In this regard we should never forget that every cloud has a silver lining. That may sound like a platitude – but let's be honest – it's true. Who of us really believed that the boom would always continue, that the economic indicators would only go up? Now we must rediscover. Rediscover the real values, the strengths, that have made us great. Look forward, see and use the opportunities that are offered each of us, to listen a bit more to our gut feelings that fortunately are often a little more carefree than our understanding – these are the requirements of the hour. And we have taken these requirements to heart as we have moved forward in developing our new products. The results are innovations that always have your benefit in view, that harmonize perfectly, and that are amazing in application. And rarely have there been as many innovations as there are at this time to establish an edge over the competition. In every crisis there is also an opportunity, as stated: one just has to use it. Let's do it, together!

Sincerely,



Gerhard Rall
CEO

Quick change-over: capteX and centroteX

The principle behind our new solutions is simple: a permanently installed machine adapter with bayonet closures serves as the basis for a wide variety of clamping devices. The results will excite you! With these two machine interfaces, changing the complete clamping device is only a matter of seconds – at least where you must change manually. And it functions without any bothersome alignment. With just one interface you not only standardize your workshop, you also profit from higher quality, flexibility, and productivity, shorter throughput times, and most of all: increased delivery reliability. capteX is designed for up to 4000 revolutions per minute, centroteX for everything over.

centroteX clamping device change-over: Monteq mounting aid

Now a practical support is available for everyone who has to set up heavy clamping devices: The Monteq chuck mounting aid for the centroteX machine interface. With the Monteq mounting aid alignment and handling are easy. Thanks to the spring-loaded bearing arrangement the clamping device can even be lifted by hand, the swiveling holder makes it quite easy to lock the clamping device in the machine-side bayonet, and with the adjustable screw the clamping device can be adjusted flush to the spindle axis.

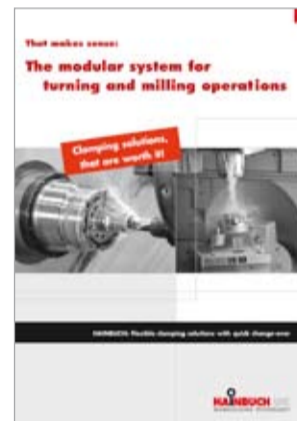


Retired: Inge Stuth

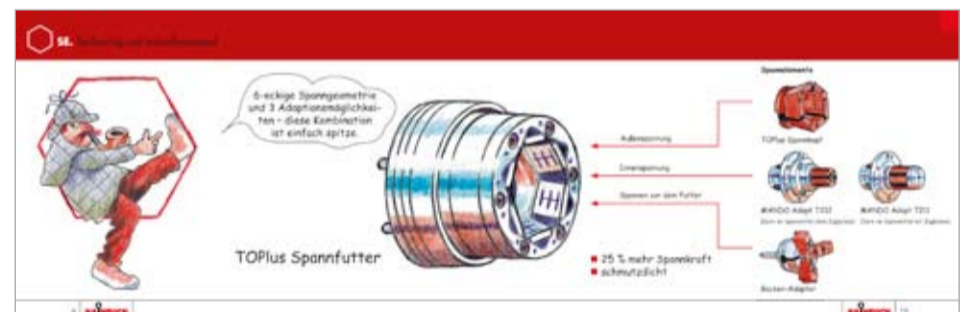
She was the »the voice of HAINBUCH«, an institution – for us and for our customers. She was there for almost 20 years of HAINBUCH. The development from a 120-employee company to a medium-sized enterprise with more than 500 employees. And Inge knew every one of them, and every one of them knew Inge. Her office was reception and she was always the central contact point. She knew who was responsible for what, and who she had to connect to whom. Inge always had the big picture, she kept cool even when things were hot, and always, but really always, she was friendliness personified. Now our Inge has gone into her well-deserved retirement. However, for the Inge we know, retirement will be anything else but quiet.

Enlightening: New brochures

An 8-pager, and small, handy comic book; both of them shed some light in the darkness of our variety of clamping devices. You have never been able to get the overview this quickly, and it has never been this entertaining. Our A. Gent, inspired by Sherlock Holmes, makes the search for clues a very amusing experience. **Order your copy now: sales@hainbuch.de**



Available in German, English, French, Italian, Swedish and Romanian



The A. Gent comic book is currently only available in German

Finished: » NEULAND «

Our new Technology Center »NEULAND« [New LAND] is finished. The departments those are primarily responsible for our innovations can develop more great ideas on approximately 4000 square meters. An auditorium within the »NEULAND« with 60 seats is ready to inform and educate our customers about

the state of the art equipment from HAINBUCH. In addition we can offer a lounge at the top of our roof terrace at a height of 25 meters, which is quite unusual for this kind of building. Please make sure to visit »NEULAND« next time you are in the area. It is time well spend to discover the High Tech products of the future. We are looking forward seeing you soon.



Completely new and only from us: Clamping device rental

Assure productivity, protect liquidity, and always keep up with the latest state of the technology. Our new clamping device rental program makes it possible – initially however only in Germany.

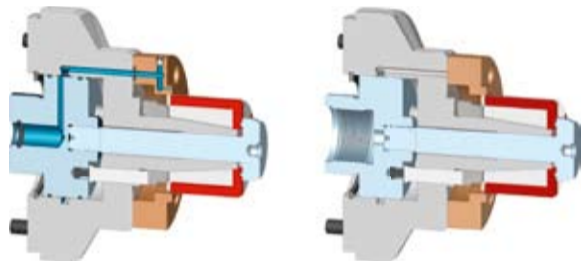
Do you need a clamping device but only on a short-term basis? Would you like to test a clamping device? And is a lower stock level of clamping devices your preference anyway? Then our new rental service is just right for you. It offers you full flexibility at zero risk at an attractive price. Now you can rent selected HAINBUCH clamping devices, starting at 149 Euro a month, plus a one-time service charge of 49 Euro. However it is not just the price that is attractive: our »rental packages« are put together practically so that complete accessories such as clamping head, flange, drawtube adapters, or changing fixture are also included. This means that you can get started with production immediately.

**Initially however
only in Germany**

MANDO T211: With air sensing control

100 percent compatible, stable in price and even greater process reliability – these are the highlights of our new segmented mandrel generation. What's new? The air sensing control. It offers the user longer machine runtimes and maintenance intervals, and a higher level of process reliability. And that at a cost structure that is approximately one fifth of the cost of comparable mandrel systems. In this regard our new units are not more expensive than their predecessors, but they offer significantly more. Two versions are offered: a version with air system, one with prepared air system – changeable in just two minutes. Thus, you always have full flexibility, and you no longer need to ask yourself the question: With air system, or without air system? At HAINBUCH you get both, with full modular compatibility and without having to change the zero point or the NC program.

The new mandrels:
Left with, right with
prepared air system



New fan: HAINBUCH is an HTEC partner

This is something that we could not have dreamed of: Haas Automation, the largest manufacturer of CNC machine tools in the western world has made HAINBUCH its partner. In the future, the more than 600 »Haas Technical Education Centers«, [abbreviated as HTEC], will also work with our clamping device technology. The training centers that have been in existence since 1996, in which more than 1,500 machines are installed, counter the world-wide lack of qualified CNC machinists, programmers, and application engineers. Obviously this is an issue that we are extremely interested in. And we are particularly proud that the European Director of Haas Automation and HTEC initiator, Peter Hall, made an endorsement in our guest book when he visited Marbach: »... I am very impressed by the HAINBUCH philosophy. I am a HAINBUCH fan«.

HTEC initiator Peter Hall [center]
with HAINBUCH CEO
Gerhard Rall [left] and Sales
Director Peter Zeiher [right]
during the product presentation



Clamping cylinders: Starting whistle for the HAINBUCH complete system

It's time to get things moving! Get the team players from HAINBUCH on board now.

Thanks to our energy-efficient clamping cylinder team everything is very simple: You have one supplier and a complete system with optimally-matched components. Regardless of whether you decide on the normal pressure cylinder, the high-pressure cylinder, or its bearingless version.

The star: the rotary feed

With its self-regulating flat-gap seal it represents the heart of our three versions. And its advantages are really major league: approximately 50 % less leakage than is the case with conventional clamping cylinders, and thus lower operating costs. And if our high-pressure cylinders are also in the play, in addition you can count on shorter cycle times and lower energy costs. First of all the clamping strokes are fast, second the mass is lower, and third this means that the spindles accelerate faster.

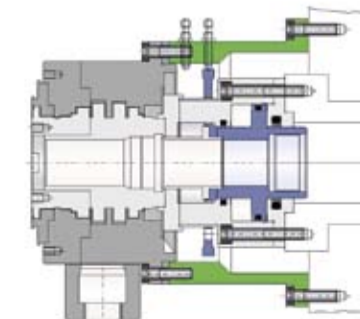
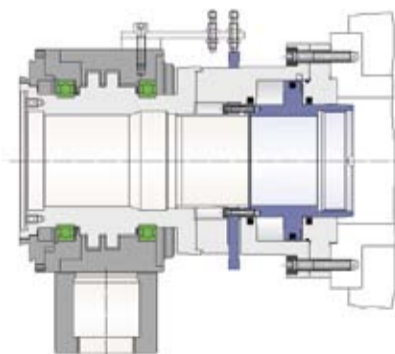
The forward: High-pressure clamping cylinders

Don't put up with huge oil leaks and expensive aggregates. Our standard clamping cylinders for up to 80 bar make your machines even more productive. This is ensured by the patented rotary feed. The clamping cylinder is built smaller, has less mass, thus the spindle accelerates faster and clamping times are significantly reduced due to the lower fill volume.

Our top scorer: bearingless high-pressure clamping cylinders

Low-leakage rotary feed, slim-line high-pressure clamping cylinders, and no ball bearings – with this combination you are way above the competition. With no ball bearings there are no vibrations, where there is no contact nothing can be disrupted. Thus, the ideal partner for maximum spindle concentricity.

Take our forward pass now and secure your ranking ahead of the competition!



news

UK and Thailand: New HAINBUCH subsidiaries

We have strengthened our global presence and now can respond more quickly and more flexibly to the market, not just in the United Kingdom, but in Thailand as well. Real pros are working at both subsidiaries: HAINBUCH UK Managing Director, Nick Peter, has more than 25 years of experience in the industry and knows HAINBUCH inside and out. Helmut Welzl, who manages our Thai subsidiary, PTT [Precision Tools Thailand], is a clamping device industry »old stager«. He is also an Asia old stager; he has lived there for 31 years. The highlight at PTT: all applications for the Asian area are designed and manufactured here.



Working for HAINBUCH: Left, Nick Peter, our man in Great Britain, right, Helmut Welzl [2nd from right] at the founding of our Thai subsidiary, PTT.



The Keys Business Village in Staffordshire, location of HAINBUCH UK.



And this is how PTT, our Thai subsidiary in Rayong, welcomes the customers.

The Friedrich-Schiller-Gymnasium [FSG] in Marbach is the first school in Germany with a technology lab. In addition to diverse other sponsors, HAINBUCH has also invested in the new »Research & Development department« of the FSG and has taken over the costs for the complete furnishings. The subject »natural science & technology« has been offered since the mid 90s at the FSG; in the technology lab the students can put theory into practice: On special machines, modern work benches, with robot kits and computer programs.

More information about the FSG is provided at:
www.fsg-marbach.de

Promoting the next generation HAINBUCH sponsors technology lab



New HR Director Sandra Schüle

Since she started working for the company on February 17, 2003, Sandra Schüle has gotten things moving and set-up in the HR department. She is a real doer, with leadership qualities, and most of all social competence. No wonder, that in just six years she already has a rapid climb behind her. We look forward with excitement to what is yet to come, however at this time we extend our sincere congratulations!



Sandra Schüle: A doer with social competence, who consistently sets new impulses.



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Gerhard Rall

FAX REPLY

I want more workholding technology!

Fill out. Copy. Fax.

- Catalog
- I would like a consultation. Please call me.
- Please contact me to set up an appointment.

+49 [0]7144.907-270

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Function/department
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I liked your HAINBUCH »report«!
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