



zeus – a Hommel+Keller brand



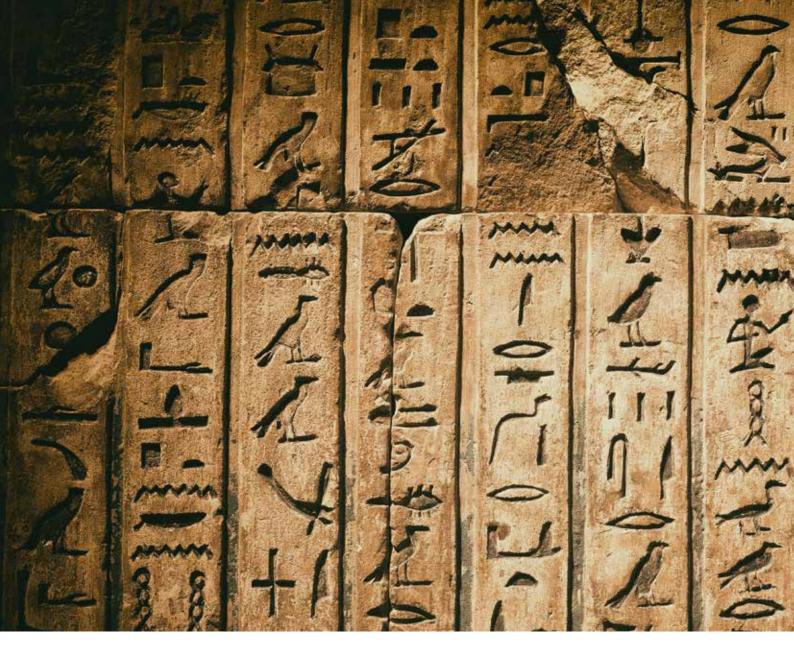
PRÄZISIONSWERKZEUGE

Hommel+Keller

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Why mark components?

Modern production and just-in-time logistics demand seamless assurance.

Hieroglyphics – this form of message was used in ancient Egypt.

In this day and age, marking of workpieces is absolutely indispensable for state-of-the-art production technologies with assemblies and system components. Immediate traceability, batch separation and tracking, as well as complete production documentation are essential requirements in many sectors.

Many marking types are time-consuming, inflexible for different applications and thus very cost-intensive.

With zeus marking technology, workpieces and turned parts of all types can be marked fast, affordably and flexibly. The marking process is integrated directly in the machining process without changing to a separate machine. As a result, there are no additional setup costs or transport and storage times.

And why zeus?

zeus marking technology is:

Fast: Processing times are significantly shorter in comparison with other marking technologies such as laser marking, needle embossing, etc.

Affordable: With the complete machining on a single machine, setup times are significantly reduced and / or minimised.

Flexible: Compatible with all conventional and CNC lathes and milling centres.

Summary: Unit costs are drastically reduced! *

* Marking on a separate machine costs € 0.15 per piece on average. For a series size of 100,000 pieces, € 15,000.– can be saved per series with zeus marking technology.



And where is it used?

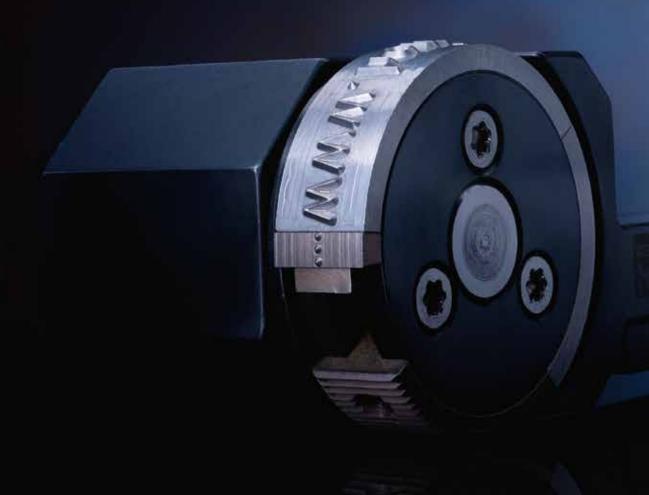
zeus marking technology is already successfully used in a wide range of applications in the automotive, valves, fittings and consumer goods sectors, as well as for decorative elements and the jewellery and watch industry.

Perfect marking for every application.

Full flexibility.

The marking can be applied in any location up to the collar and on any workpiece diameter. Ideal for multiple series with different workpieces and / or alternating markings.









Precise at

every position

And where can you mark the workpieces?

The example shows that you can mark at practically any position. Whether on a spherical surface, on the collar, on an oblique surface or on the face - zeus marking technology satisfies your requirements.

On the outer diameter/up to the collar

(du 195)

Consecutive

article and

batch,

drawing numbers

Face

Inner marking

And how do I order the appropriate marking system?

On an oblique surface

On a conical surface

On a spherical surface



We help you determine which marking system is right for your application. Send us the adjacent enquiry form with your specifications. We can also discuss your individual requirements. We provide comprehensive advice and find the optimal solution for you!

Inquiry

Please fill in the enquiry form completely and include a workpiece drawing.

Use the adjacent QR code or visit www.zeus-tooling.de/en for an information packet with videos, enquiry form (interactive PDF), etc.

If you have any technical questions, please get in touch with our contact persons.



Please include a drawing of the workpiece

Company	
Company	
Street	
Post Code, City	
Contact person	
Tel./email	
-	
□ Workpiece Ø	Application details e.g. conical workpiece, marking on
Workpiece material	planar surface, etc.
Series size	
Text	
☐ Font size ☐ Font	
Machine type	
Tool position	
	of or behind the rotation centre
☐ Various workpiece diameters	Yes No
Alternating markings	Yes No
Application A	Application B
Rotation	Rotation
Clock- Counter- Clockwise	Clock- Counter- Counter- Clockwise
Selecting a mount	Selecting a mount
/h mount	r/h mount
Reading	Reading direction
direction	direction
direction	direction
direction	direction
direction	direction
direction Selection for I/h mount Workpiece Selection for I/h mount Selection for I/h mount Selection for I/h mount	direction Selection for r/h mount Workpiece Selection for OOOOO Selection for OOOOO Selection for OOOOO Selection for OOOOO Selection for OOOOOO Selection for OOOOOO
direction	direction
direction	direction