



LEADING MARKS

Identifying Solutions
Marking, Traceability
& Related Products

412-366-4733
sales@leadingmarks.com
www.leadingmarks.com

zeus
marking technology.
Fast. Affordable.
Flexible.





**zeus –
a Hommel+Keller brand**



PRÄZISIONSWERKZEUGE

Hommel+Keller
Präzisionswerkzeuge GmbH
78554 Aldingen · Germany
Tel. +49 7424 9705-0
info@hommel-keller.de
www.hommel-keller.de



Setting a mark

Fast | Affordable | Flexible

zeus marking technology





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.



Automotive



Valves



Fittings



Machine construction



Aerospace



Hydraulics / pneumatics



Consumer goods



Decorative



Jewellery

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.



Efficiency for all series sizes.

zeus marking technology is equally well-suited for all series and guarantees you efficiency in all applications.





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.

Consecutive batch, article and drawing numbers

On the outer diameter / up to the collar

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.



412-366-4733
sales@leadingmarks.com
www.leadingmarks.com



Company
Street
Post Code, City
Contact person
Tel./email

<input type="checkbox"/> Workpiece Ø	<input type="checkbox"/> Application details
<input type="checkbox"/> Workpiece material	e.g. conical workpiece, marking on planar surface, etc.
<input type="checkbox"/> Series size	
<input type="checkbox"/> Text	
<input type="checkbox"/> Font size <input type="checkbox"/> Font	
<input type="checkbox"/> Machine type	
<input type="checkbox"/> Tool position	

in front of or behind the rotation centre

<input type="checkbox"/> Various workpiece diameters	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Alternating markings	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application A

Rotation
 Clock-wise Counter-clockwise

Selecting a mount
 l/h mount

Working spindle/chuck main spindle

Reading direction

Selection for l/h mount

Workpiece

Selection for r/h mount

Selecting a mount
 r/h mount

Application B

Rotation
 Clock-wise Counter-clockwise

Selecting a mount
 r/h mount

Working spindle/chuck main spindle

Reading direction

Selection for r/h mount

Workpiece

Selection for l/h mount

Selecting a mount
 l/h mount