



Circle 1			
	Nominal	Actual	Dev.
Ø	0.50	0.50	0.00
⊙	0.70 A-B C	0.12	

Distance 3.12		1 (Nominal) 0.40
Avg		-0.31
Sigma		-0.01
Max		-0.26
TP	0.43	0.23
Max		-0.31

Cone 7			
	Nominal	Actual	Dev.
Ø	0.10 Feature Y	0.10	
0.50 A-B C	0.08		
90.40 Cone H	0.31		

- 0.41
- 0.22
- 0.71

Plastics Knowledge Day 2019

Precise industrial 3D metrology along the process chain



Plastics Knowledge Day 2019

The plastics industry supplies innovative products for a wide range of different applications. GOM sets international standards in optical 3D metrology. The Plastics Knowledge Day 2019 brings together specialists from the plastics industry and experts in optical metrology in a free one-day event.

Knowledge transfer

Experience various optical metrology products for material, tool, component and process optimization and profit from the user knowledge of well-known representatives of the plastics industry.

- Free material
- Help with individual questions
- Introduction to optical metrology

Industrial meeting platform

Network with representatives of the plastics industry and experts in optical metrology and identify optimization potentials in your product development and production.

- Individual exchange of ideas
- Personal contacts
- Worldwide venues

June 6, 2019

9:30 a.m. to 3:30 p.m.

The Netherlands,
Veldhoven

We look forward to your
registration at
www.gom.com/knowledge-day





Worldwide Event Series

Austria • Brazil • China • Croatia • Czech Republic • Denmark • France • Germany • Hungary • India • Italy • Japan • Malaysia • Mexico • Netherlands • Poland • Portugal • Romania • South Africa • South Korea • Spain • Sweden • Switzerland • Taiwan • Thailand • Turkey • UK • USA • Vietnam

One Day with Four Formats



Presentations – Two presentation blocks are planned for the first introduction to optical metrology and for advanced applications, such as the virtual clamping of parts.



Knowledge Tracks – Practical applications, such as the handling of GD&T or the use of optical metrology in toolmaking, are imparted in four Knowledge Tracks.



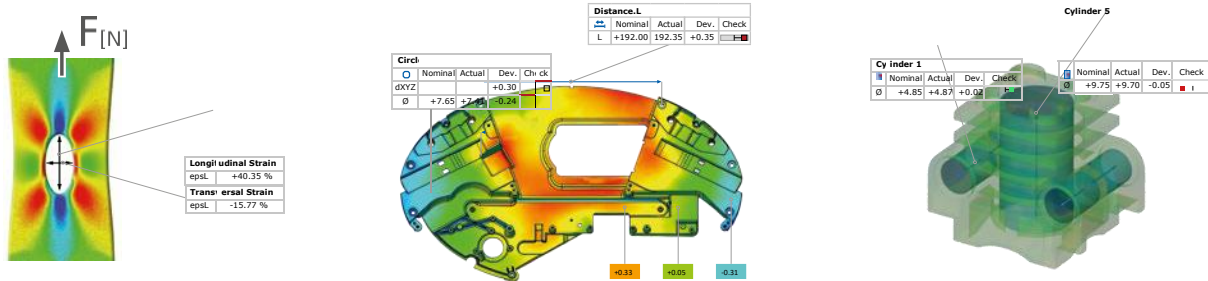
Expert talks – Communication islands offer the opportunity to get to know the functions and features of the GOM software or new developments in 3D metrology based on examples from daily practice.



Industrial meeting platform – The Plastics Knowledge Day 2019 offers a platform for the exchange of user knowledge from plastics technology and optical metrology.

3D Metrology in Plastics Processes

In plastics process chains, 3D metrology supports and accelerates almost all areas: from determining material behavior via toolmaking up to series accompanying production control and trend analyses.



Material technology

Determining material characteristics as basis for CAD and CAE

Optimizing the material choice

Incoming goods inspection

Product development

Warpage and shrinkage analyses

Targeted tool corrections

Virtual clamping instead of expensive fixtures

Processing technology

3D measurement planning and inspection on PMI data set

Series accompanying quality control

Virtual assembly



GOM develops, produces and distributes software, machines and systems for 3D coordinate measuring technology and 3D testing based on latest research results and innovative technologies. With more than 60 sites and more than 1,000 metrology specialists, GOM guarantees professional advice, as well as support and service across the globe. More than 14,000 system installations improve the product quality and manufacturing processes in the automotive, aerospace and consumer goods industries.

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