



#### It's time to use the full Potentials!

Benefit of a perfectly harmonized interplay of superior SCHUNK components for clamping & machining, gripping, and in automated handling of your workpieces.







Gripping technology

Robotic Material Removal

Robot accessories

Linear and rotary axes



**Individual loading** 

Gripping technology & quick-change pallet systems



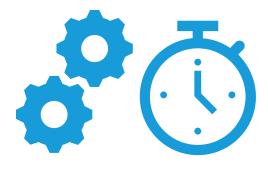




### Why to automate?



**Cost Reduction** 



**Process optimization** 

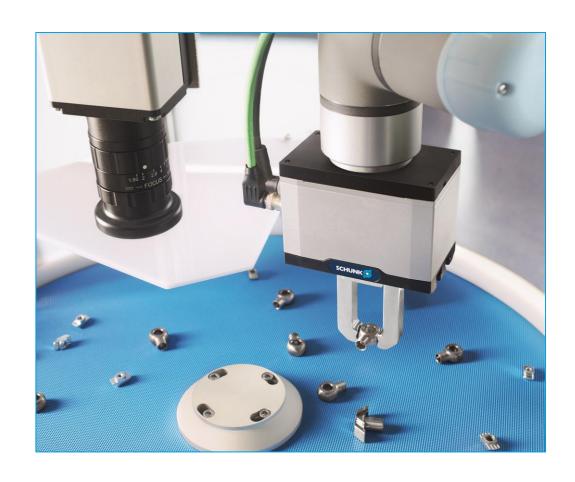








# **Machine Tending**

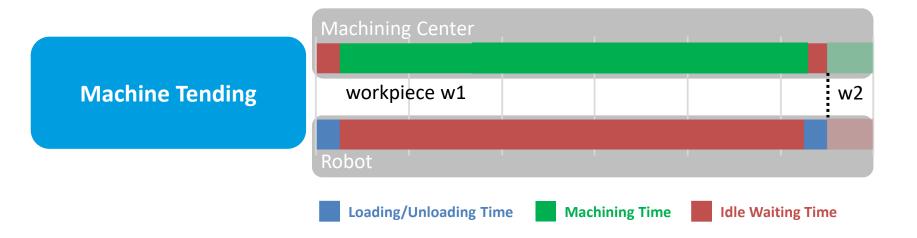




#### **Robotic Deburring Solutions**

## SCHUNK

#### **Economic View**



#### Further task for robots

- Inspection
- Sorting
- Packaging
- Material Removal



## **Robotic Material Removal - Impressions**













# **Typical applications**















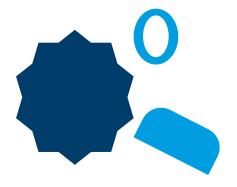


# **Checking recent process**

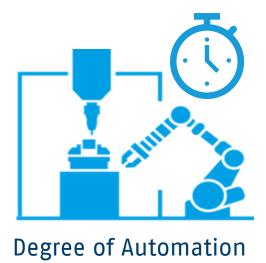


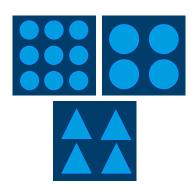


#### What to consider?



Geometry & Material





Batch size & Quantity



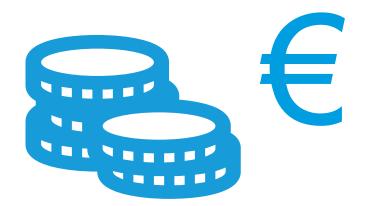
Cycle Time



tolerances



#### What to consider?

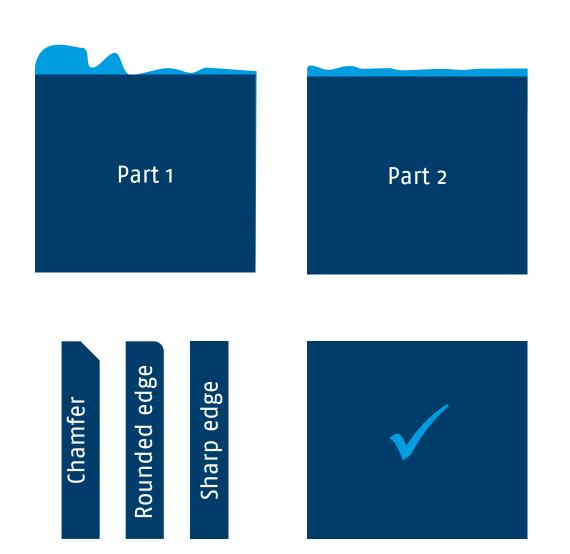


Investment

#### What to consider?

Input state

Target state





## **Compliant Spindles**

Flexible

For form- & position tolerances

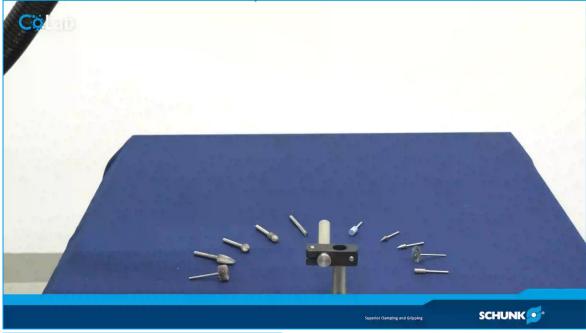
Easy

To teach & programm







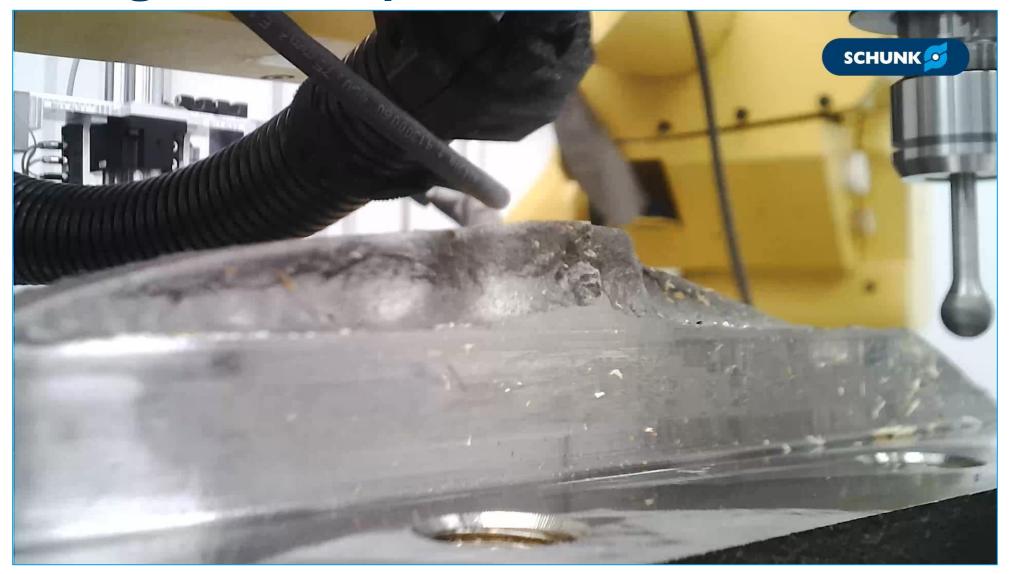






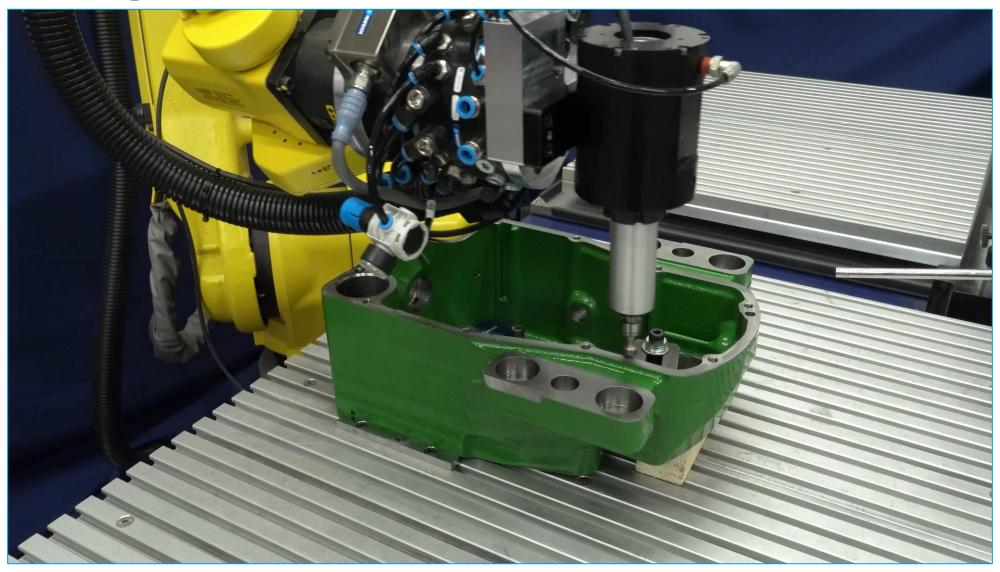


## **Deburring of casted parts**





# **Deburring of casted parts**



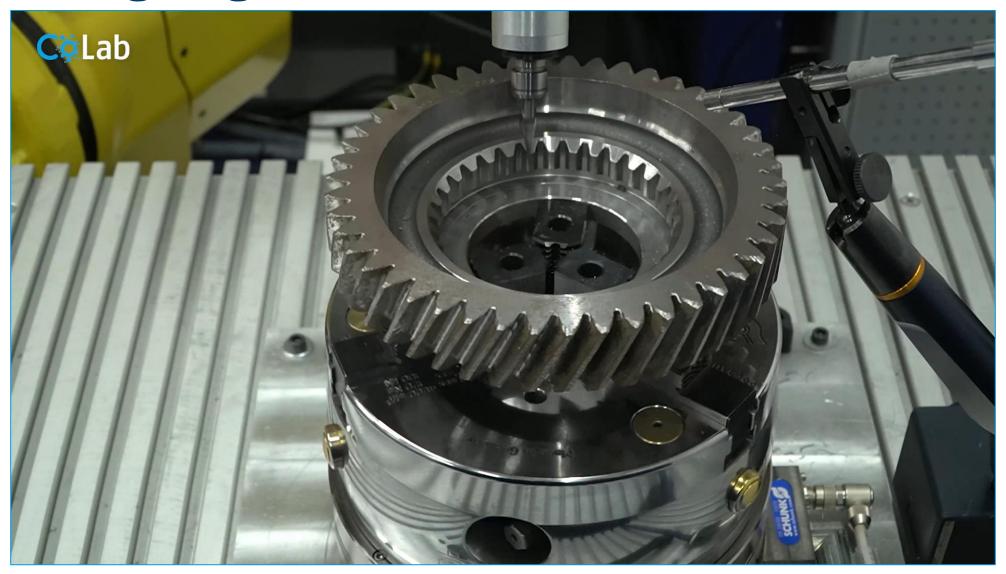


## **Brushing of edges & surfaces**



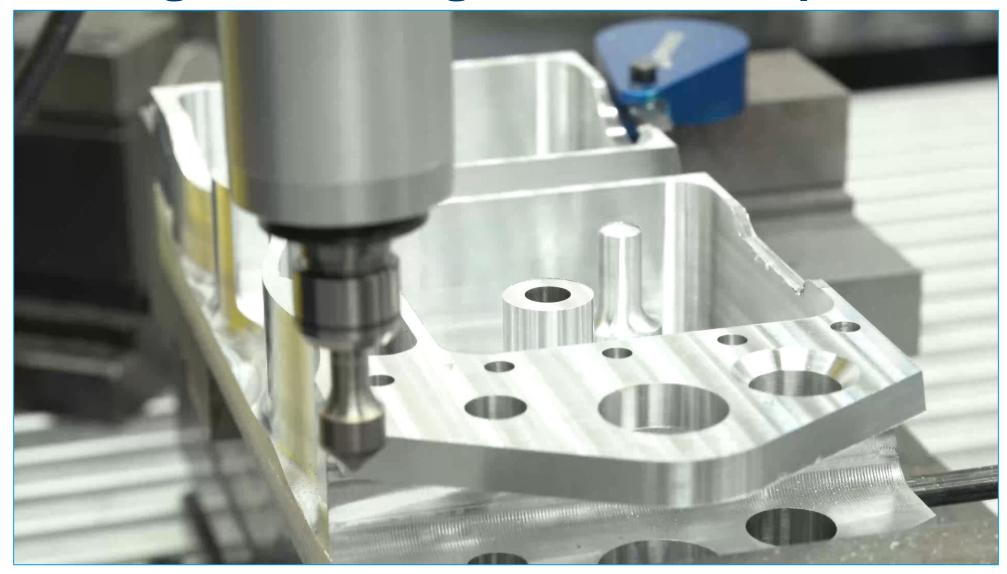


# **Deburring of gear wheels**





# **Chamfering & Deburring of aluminium part**





# **Brushing of saw section**









#### The Test Cell for R-EMENDO applications offers:

- Trails with your workpiece and our products & know how
- Minimization of risk: Evaluate your processes early
- Reduced effort: Safe time & money at your process start-up
- Demonstration of your Process on site in CoLab or online



#### You bring the workpiece - SCHUNK offers a solution!











#### Expert Days October 25th and 26th





#### **Expert Days 2023**

The success story continues!

We cordially invite you to the SCHUNK Expert Days on October 25 and 26, 2023 in Brackenheim-Hausen. Become part of our community!



#### Hand in hand for tomorrow

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