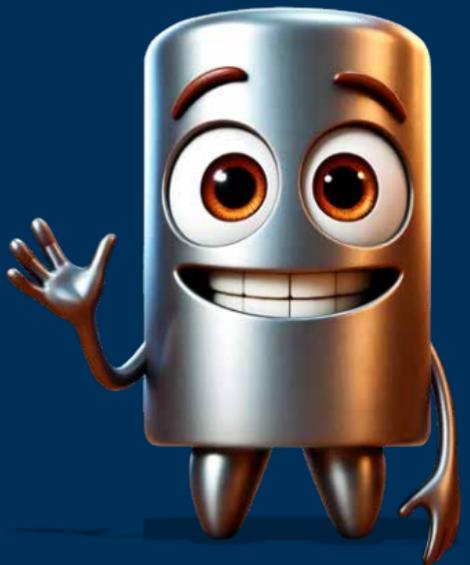


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ZAHNI AND THE SECRET OF PERFECT GEAR MANUFACTURING

ZAHNI AND THE TICKLY DANCE

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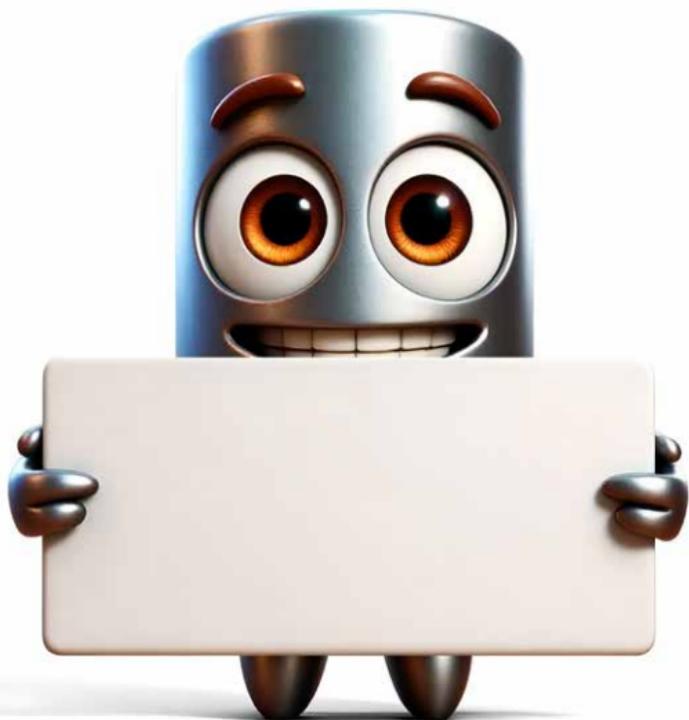


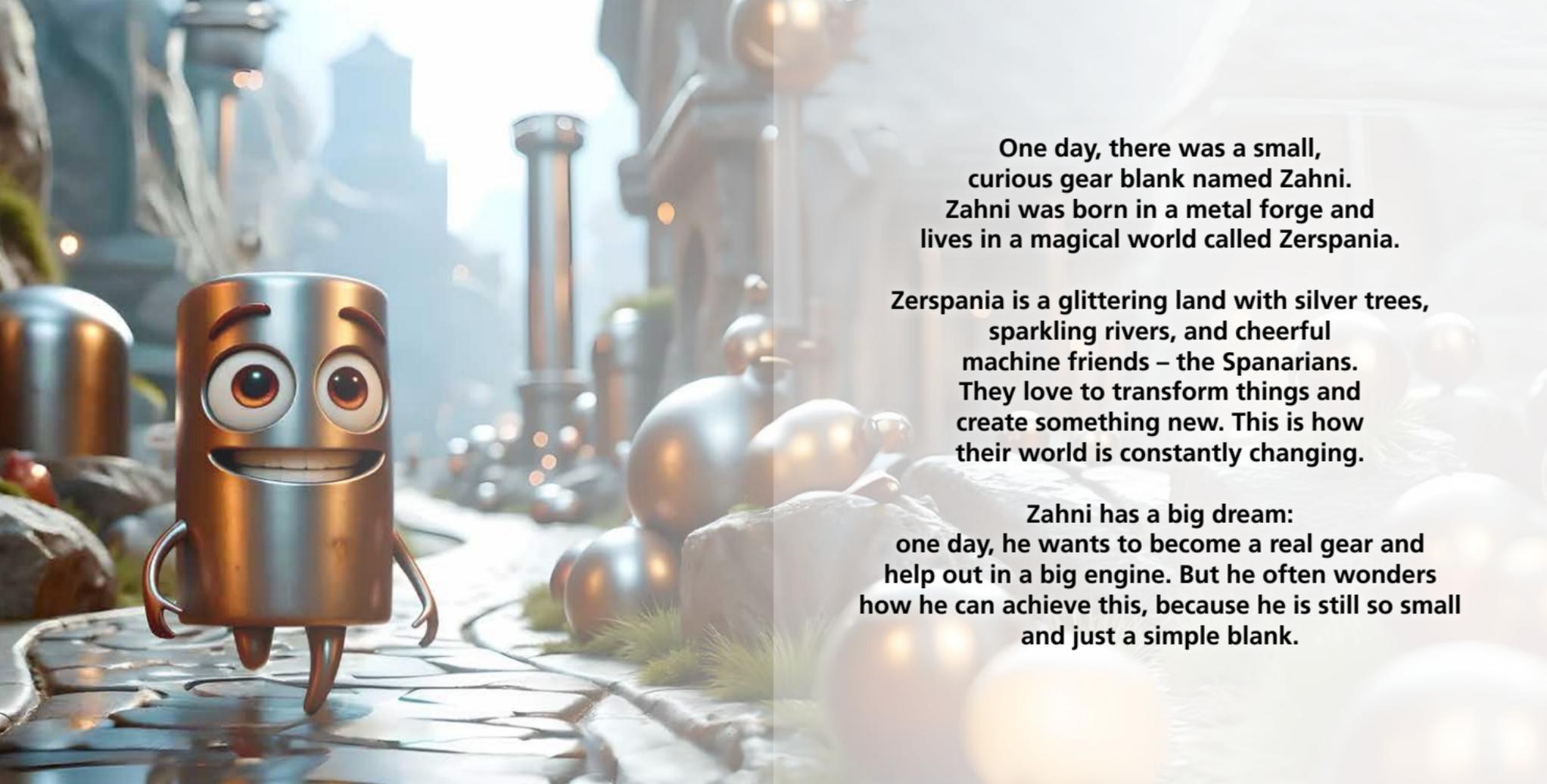
ZAHNI AND THE SECRET OF PERFECT GEAR MANUFACTURING

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PART 1

A STORY OF THE
DVS TECHNOLOGY GROUP





One day, there was a small, curious gear blank named Zahni. Zahni was born in a metal forge and lives in a magical world called Zerspania.

Zerspania is a glittering land with silver trees, sparkling rivers, and cheerful machine friends – the Spanarians. They love to transform things and create something new. This is how their world is constantly changing.

Zahni has a big dream: one day, he wants to become a real gear and help out in a big engine. But he often wonders how he can achieve this, because he is still so small and just a simple blank.

As Zahni makes his way through the sparkling landscape of Zerspania, he discovers a cheerful, golden figure.

It is Pitty, an experienced turning professional with a shiny tool belt and a broad smile.

"Hello!" calls the little blank.

"Who are you? My name is Zahni."

Pitty smiles kindly: "Hello, I'm Pitty! I help small, rough blanks like you. My job is called soft turning."

"Soft turning? What's that?" asks Zahni with big, shining eyes.





"When I soften you up, I'll make sure you become nice and smooth and round," explains Pitty.

Zahni is thrilled: "Could you help me? I would love to become a real gear!"

Pitty nods: "Of course, little Zahni. Come with me to my workshop, I'll show you everything."

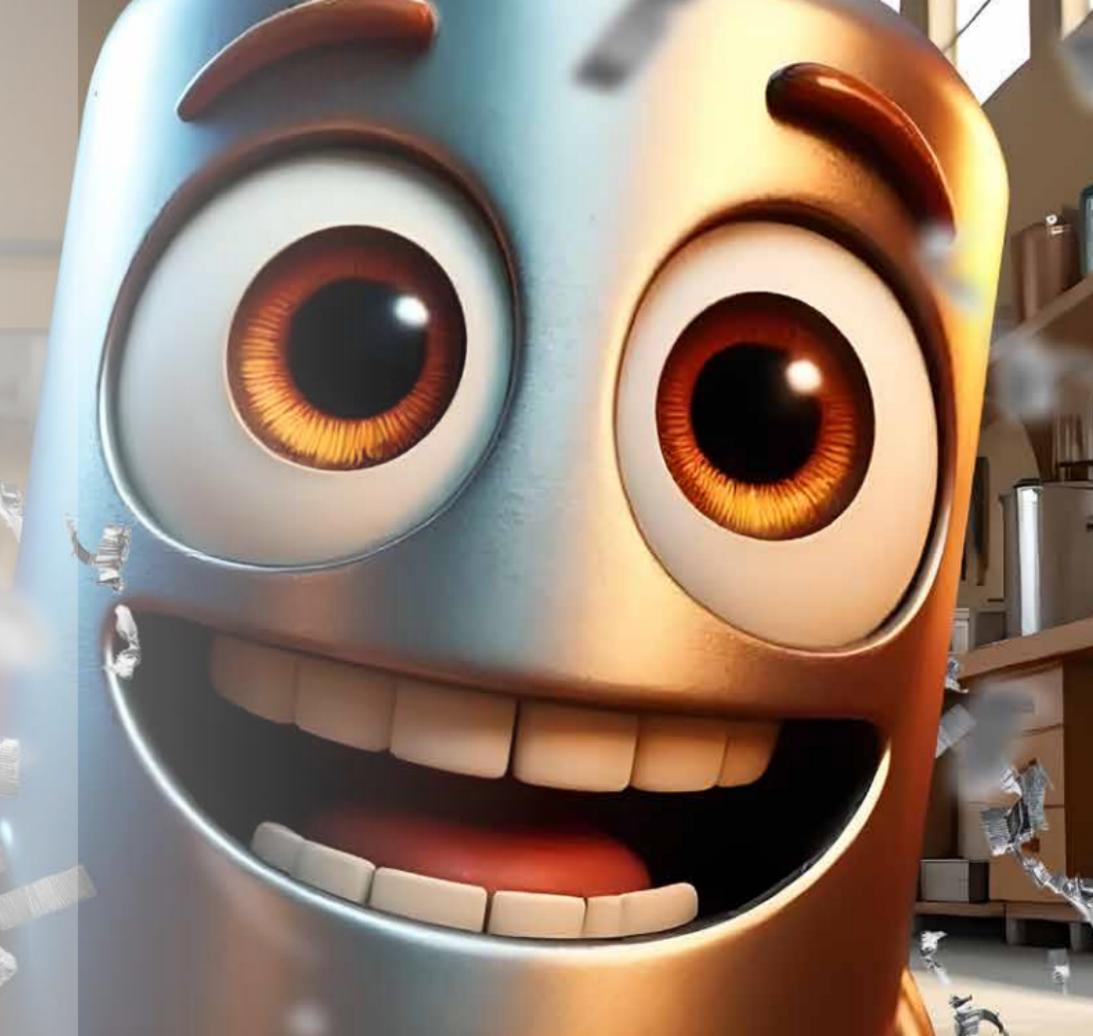
Zahni follows Pitty through the glittering forests to his huge workshop full of amazing machines and tools.

Once there, Pitty asks with a wink: "Are you ready for your first transformation?" Zahni nods excitedly.

Pitty carefully takes a tool from his belt and begins to work on Zahni with a lathe.

With calm and precise movements, he removes small chips from its surface. It tickles so much that Zahni squirms with laughter.

**“That tickles!” Zahni cries and giggles.
“I know, Zahni. Imagine my tool dancing in circles on your surface – step by step, cut by cut,”
Pitty smiles. “Try to hold still so that you’ll be perfect in the end.”**





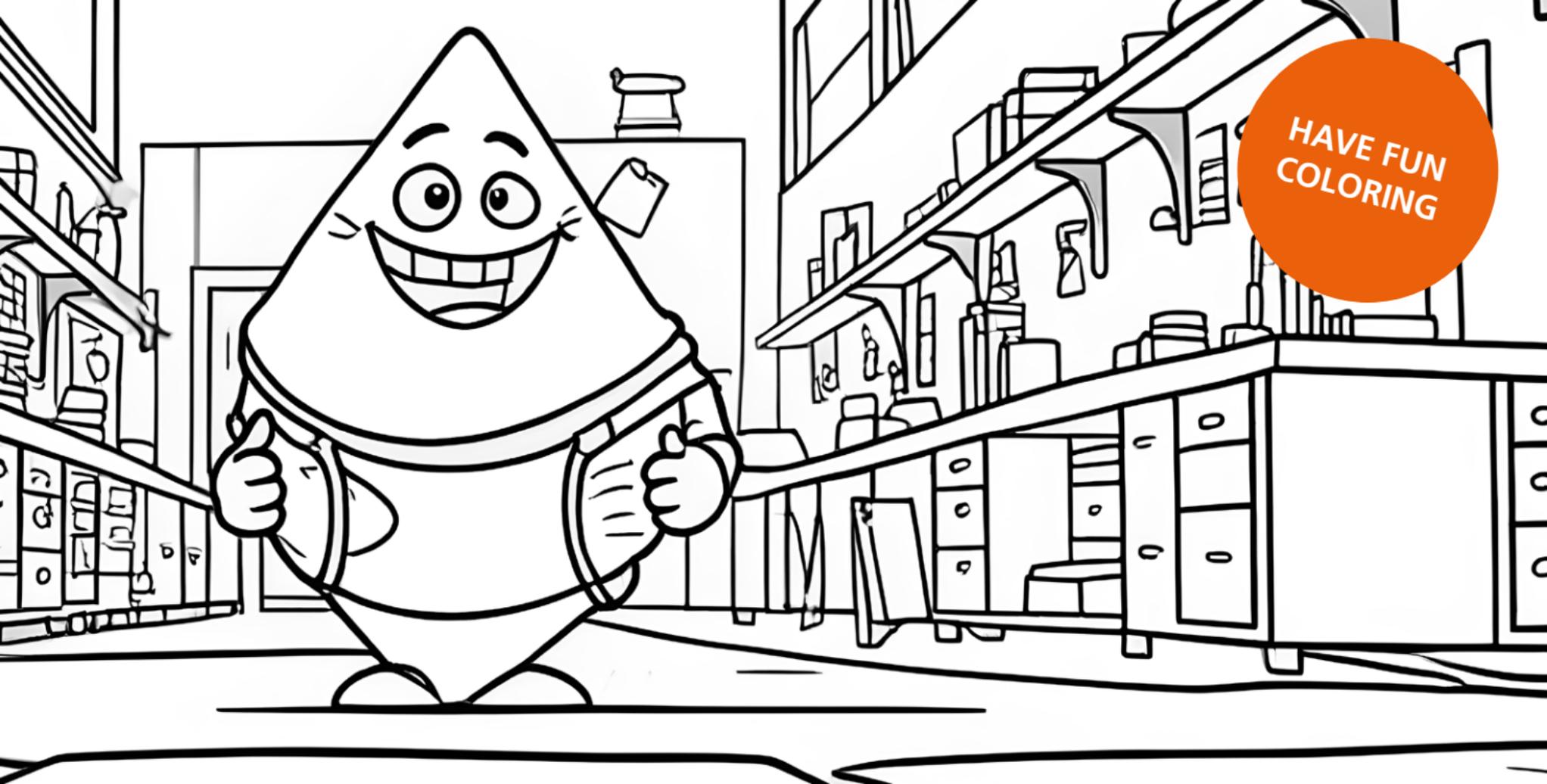
Zahni watches with fascination as the small chips fall from his body. "Wow! Look how smooth I'm getting!" he exclaims enthusiastically.

"You're doing great, Zahni!" says Pitty. "It takes patience, but this is the first step on your way to becoming a real gear."

After a while, Pitty is finished. He wipes his hands and takes a step back: "There you go, little Zahni, now you're really smooth and round. You're ready for the next step – skiving."

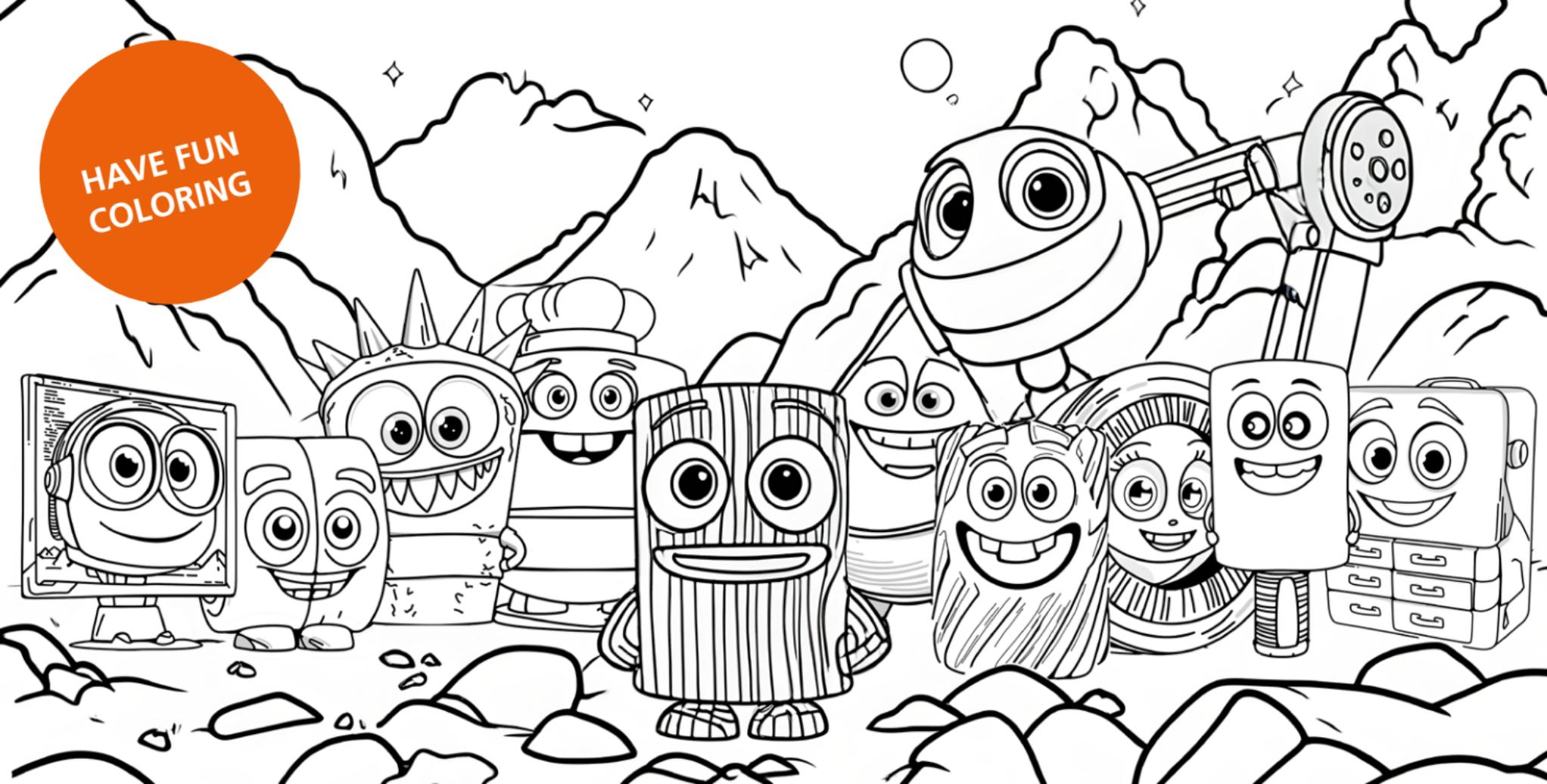
Zahni beams with joy: "Thank you so much, Pitty! I've never been so smooth and shiny!"

Zahni waves cheerfully goodbye and sets off to get a little closer to his dream of becoming a real gear.



HAVE FUN
COLORING

HAVE FUN
COLORING





PITTLER T & S – Where ideas take shape

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A long time ago, Wilhelm von Pittler had a brilliant idea: he invented a clever technique that could be used to manufacture



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GRINDING

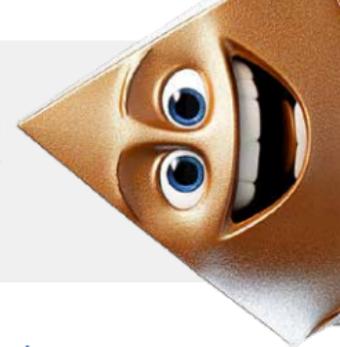


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gears quickly and accurately. Today, we use this technology to make machines even better!

PITTLER is part of the DVS TECHNOLOGY GROUP – a large family of technology experts who work together to build machines for the future. Come along on an exciting journey and discover how ideas are turned into impressive technology!

GLOSSARY

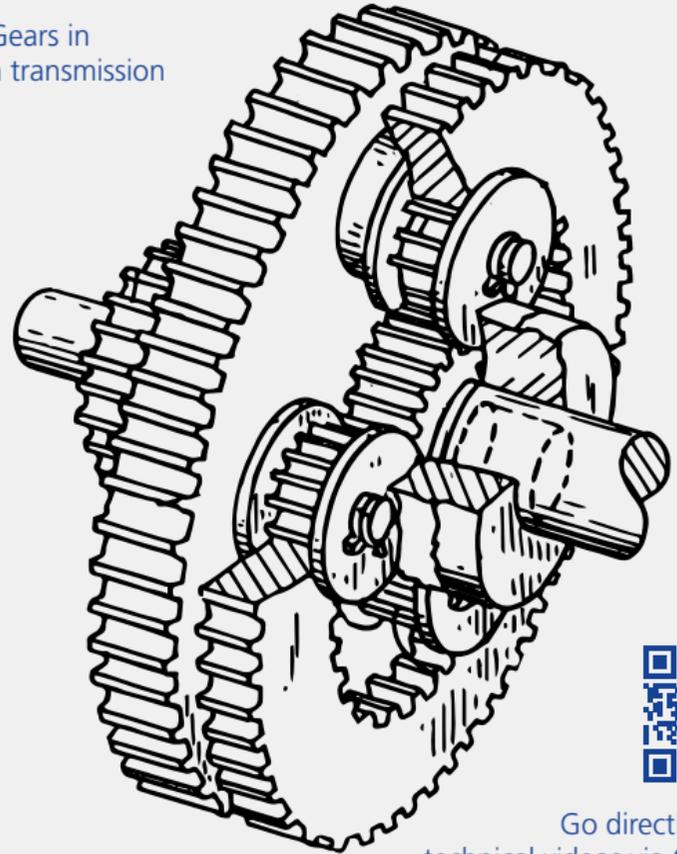
gear blank: A gear blank is a round metal block from which the teeth are later cut and the surface refined so that it becomes a proper gear and can be used in machines.

soft turning: Soft turning means that a gear blank is shaped while it is still soft, before it is properly hardened.

engine and transmission: The engine is like a powerful heart that generates power, a drive that sets everything in motion. The transmission consists of gears that transfer this power and convert it so that machines or vehicles run just right, sometimes fast, sometimes slow.

lathe: A lathe is a machine that produces round objects. The workpiece rotates very quickly and tools shape it, just like when you turn a lump of clay on a potter's wheel and turn it into a beautiful round vase.

Gears in
a transmission



Go directly to the
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DVS TECHNOLOGY GROUP – MECHANICAL ENGINEERING WITH HEART AND A FUTURE

Mechanical engineering is facing major challenges: a shortage of skilled workers, generational change, and the call for sustainability.

The DVS TECHNOLOGY GROUP is thinking ahead, with responsibility for people and their future.

Our employees are not only skilled workers, but also parents. That's why we combine work and family life, with our children's book about Zahni.

Zahni makes mechanical engineering personal and relatable. Complex technology becomes exciting stories that connect families and promote professional pride. The stories create a dialogue between generations that traditional communication cannot achieve.

For us, mechanical engineering is a task for the future that takes into account the needs of people and customers. We create identification, enthusiasm, and sustainable solutions.

The stories show DVS Group is seen as an innovative driving force: approachable, future-oriented, and connecting generations.

LEGAL NOTICE

Publisher:

DVS TECHNOLOGY GROUP
c/o DVS TECHNOLOGY AG
Johannes-Gutenberg-Straße 1
63128 Dietzenbach, Germany
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Responsible i. S. d. § 18 Abs. 2 MStV:

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Texts and illustrations were developed with the support of artificial intelligence in collaboration with the marketing department of the DVS TECHNOLOGY GROUP.

Special thanks go to all contributors, especially the Schweisshelm/Talar family and the Schroth family.

3. Edition, english, March 2026

