



360° PROJECTS BY INOVAN

THINKING IT THROUGH
RIGHT FROM THE START



THINKING IT THROUGH RIGHT FROM THE START

— INTRO —

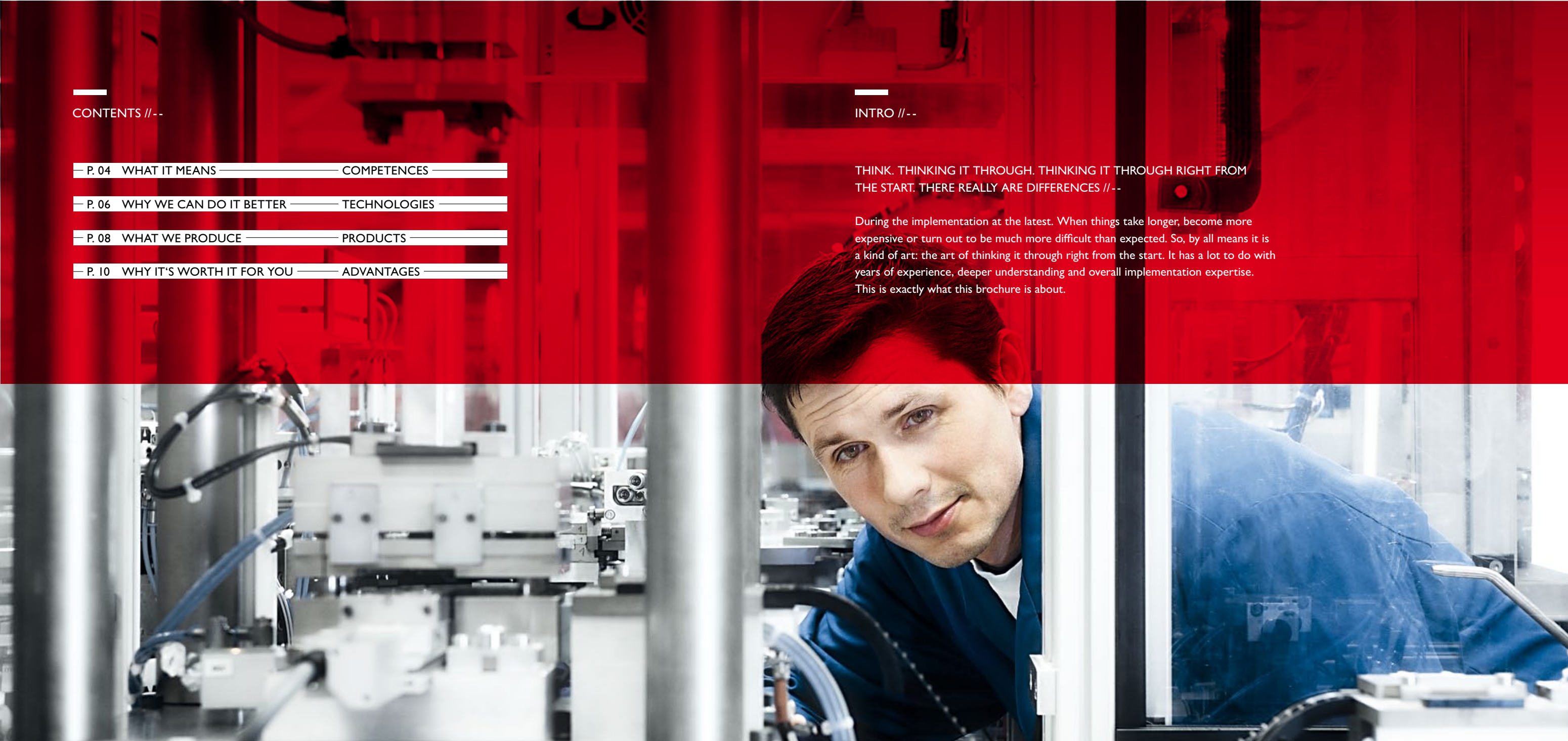
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INTRO //--

THINK. THINKING IT THROUGH. THINKING IT THROUGH RIGHT FROM THE START. THERE REALLY ARE DIFFERENCES //--

During the implementation at the latest. When things take longer, become more expensive or turn out to be much more difficult than expected. So, by all means it is a kind of art: the art of thinking it through right from the start. It has a lot to do with years of experience, deeper understanding and overall implementation expertise. This is exactly what this brochure is about.





“PRACTICE SHOULD BE THE RESULT OF CAREFUL
CONSIDERATION, NOT VICE VERSA.”

HERMANN HESSE



THINKING IT THROUGH RIGHT FROM THE START

WHAT IT MEANS

COMPETENCES

MORE AND MORE DEMANDING PRODUCTS. SHORTER LIFE
CYCLES. MORE PRICING COMPETITION ON THE MARKETS.
THIS IS THE FRAMEWORK WE ARE ACTING IN. // --



We want partners who are also up to the most
challenging requirements because they see the
whole picture and think your project through
from beginning to end.

We are certainly involved with a challenging environment. For
the developing and processing industry it means coming to terms
with growing complexity, complying with tight schedules and
meeting ambitious budgets.

Therefore it is all the more important to work with partners
who are also up to the most challenging requirements. Partners,
who embody reliability because they see the whole picture and
think your project through right from the start. We see ourselves
as such a partner. And for good reasons:

INTER-DISCIPLINARY KNOW HOW // --

How can we think a project through from beginning to end when
we have never accomplished it before? When we have not expe-
rienced the many challenges in implementation day in day out?
Our project managers think it through right from the start be-
cause they don't just control the full production depth in theory,
but always experience it close up.

SAFE INTERFACES // --

It's just like a relay race: the baton change can make the diffe-
rence. Those who want to see the whole picture in a project
need to focus on the interfaces. The processes need to be clearly
specified and tried out. The interfaces in our projects are defined
and the processes have been put to the test thousands of times in
practice and can be called upon at any time.

CLEAR RESPONSIBILITIES // --

The claim of thinking things through right from the start is also
a promise to our customers. The promise of providing you with a
partner at your side right from the start who feels responsible for
the whole picture. Someone who takes on and comes to terms
with the challenges of most complex projects. We do justice
to this claim because the responsibilities within our projects are
clearly regulated.

THINKING IT THROUGH RIGHT FROM THE START

WHY WE CAN DO IT BETTER

TECHNOLOGIES

WE CAN DO THINGS BETTER BECAUSE OUR ATTITUDE AND LINEUP GO TOGETHER. //-



It is not just a question of the right attitude. Someone who wants to think through the project right from the start needs a proper lineup. What makes us different to our competition is not so much our claim, but our ability to honour it in an exceptional way.

Thanks to our many years of global activity, we have for one 60 years of experience in development and supervision of very complex projects. Furthermore we offer a production depth that makes us unique on the market.

AN OVERVIEW OF OUR PRODUCTION DISCIPLINES:

01 ENGINEERING

Together with our customers, we work out the ideal and individual solution to complex tasks. Product development, toolmaking and our project management.

02 MATERIALS

Our wide product range of contact material allows material combinations and precious metal coatings distinguished by the optimum bond, variable coatings, less use of precious metals and high electricity conducting capacity.

03 SURFACE TECHNOLOGY

With state-of-the-art electroplating lines, we offer you the perfect solutions for selective strip and stamped grid coatings that are distinguished by the economic use of precious metal, lowest contact resistance, wear-resistant coating combinations and corrosion-resistant, solderable and bondable surfaces.

04 STAMP-BEND TECHNOLOGY

With our high-performance tools and stamping machines, we are able to represent the entire stamping process including bending, welding, riveting, rolling and cleaning.

05 PLASTICS TECHNOLOGY

Starting with a wide choice of plastics, we provide plastic-metal composites combined with stamping, moulding and testing processes from a single source.

06 ASSEMBLED PARTS

With our self-developed assembly machines and a range of techniques – including bending, stamping, compressing, thermal tearing, embossing, thread-cutting, milling, riveting, screw connecting and welding – we carry out complex assembly stages through to the finished unit.

07 FASTENERS

60 years of experience are contained in our radial, elastic fastener elements as well as continuous improvement of quality and efficiency. Along with the ISO standardised coiled spring pins and slotted pins, we also offer tubular products.



01 ENGINEERING

Product management, Development

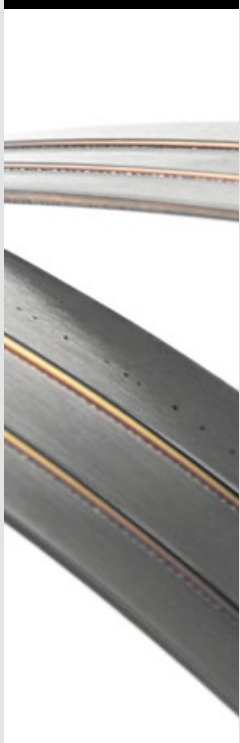
Tool design and Toolmaking

MATERIALS

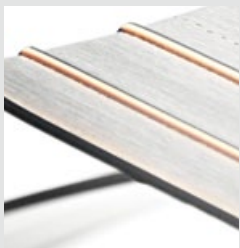
CONTACT TECHNOLOGIES

FASTENERS & PRECISION PARTS

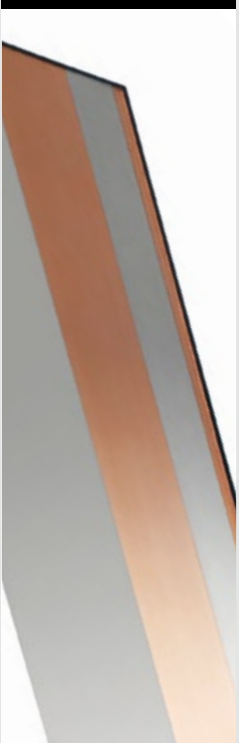
02 MATERIALS



- » Contact bimetals
- » Contact trimetals
- » Contact profiles
- » Seam welded strips
- » Bondable AlSi surfaces
- » Electroplated strips



03 SURFACE TECHNOLOGY



- » Solid strips
- » Stamped grids
- » Wires and profiles
- » Bondable surfaces
- » Nano-coating systems



04 STAMP-BEND TECHNOLOGY



- » Stamped and bent parts
- » Micro-stamped parts
- » Bondable stamped parts
- » Snap domes
- » Pressfits
- » Welded/riveted contacts
- » Battery parts
- » Deep drawn parts
- » Cold-formed parts
- » Spacers and bushings
- » Wire parts



05 PLASTICS TECHNOLOGY



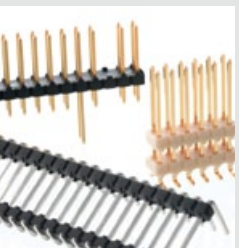
- » Metal-plastic composites
- » Connectors
- » Insert parts
- » Pre-moulded parts



06 ASSEMBLED PARTS



- » Mechanical components
- » Electro-mechanical components



07 FASTENERS



- » Coiled spring pins
- » Slotted pins
- » Tubular products



Laser-welded parts
Special turned parts, wire parts

08 SPECIAL PARTS



“AT INOVAN WE CREATE PRODUCTS THAT ONLY
WANT TO MEET ONE DEMAND – THE CUSTOMER’S.”

THINKING IT THROUGH RIGHT FROM THE START

WHAT WE PRODUCE

PRODUCTS



Selective coated solid strip



Connectors with pressfit



Metal-plastic composites



Stamped and bent parts with
bondable surface



Contact bimetal strips



Laser-welded precision bushings

The high level of innovation among our customers shapes the nature of our work. In order to realise complex components it requires the combined use of different production technologies besides a creative solution competence. Therefore our wide range of technologies makes us the leading provider of specific customer solutions in contact technology.

We also maintain standard products in our portfolio such as snap domes, coiled spring pins or slotted pins. These can, of course, be specified upon request and be customised to your individual requirements.

Our 750 employees contribute to unique products in the following industries:

- » Automobile technology
- » Battery technology
- » Electronics and Electro-technology
- » Renewable energies
- » Domestic appliance technology
- » Information and Communication technology
- » Plastics technology
- » Machine and Transmission technology
- » Pharmaceutical and Laboratory technology
- » Locks and Fittings technology



Snap domes



Coiled spring pins

THINKING IT THROUGH RIGHT FROM THE START

WHY IT'S WORTH IT FOR YOU

ADVANTAGES



RELIABLE COSTS // --

We are a much cited „One-Stop-Shop“ for our customers. Complex interface definitions and activity boundaries do not apply with us. Our customers know from the beginning how much their project will cost at the end.

RELIABLE RESULT // --

Reliable costs and timing are important. But the most important thing to us is that the product will be right at the end, and that it has been produced with consideration of our environment. Our claim is stated in our certified quality management and environmental management systems. They are an expression of our obligation to keep perfecting the manufacturing methods and final products and simultaneously increase the sustainability and environmental compatibility of our work.

RELIABLE TIMING // --

The case is here: thanks to the depth of our performance we can implement your project in time. The longterm experience of our team is an added bonus.

RELIABLE FEELING // --

It is a good feeling to have partners who think. But we want to be more. We want to be your partner who thinks it through right from the start. A partner with whom you notice from the very beginning that your project is in the best of hands. Do you have a project? Then let us think it through right from the start.



LET US THINK YOUR PROJECT THROUGH
RIGHT FROM THE START.
PLEASE CONTACT US.

Inovan Birkenfeld (Headquarter)
Industriestr. 44 / 75217 Birkenfeld
Phone +49 (0) 7231-4930
info@inovan.de
www.inovan.de

Inovan Stolberg
Zweifaller Str. 130 / 52224 Stolberg
Phone +49 (0) 2402-14-02
info@inovan.de
www.inovan.de

Inovan Tianjin Contact Technology Co., Ltd.
No.261 Muning Road, TEDA, Tianjin, P.R. China
P.C.: 300457
Phone +86 (0) 22-66237065
www.inovan.cn





Inovan GmbH & Co. KG
Industriestr. 44 / 75217 Birkenfeld
Phone +49 (0) 7231 - 4930 / Fax +49 (0) 7231 - 493118
info@inovan.de / www.inovan.de