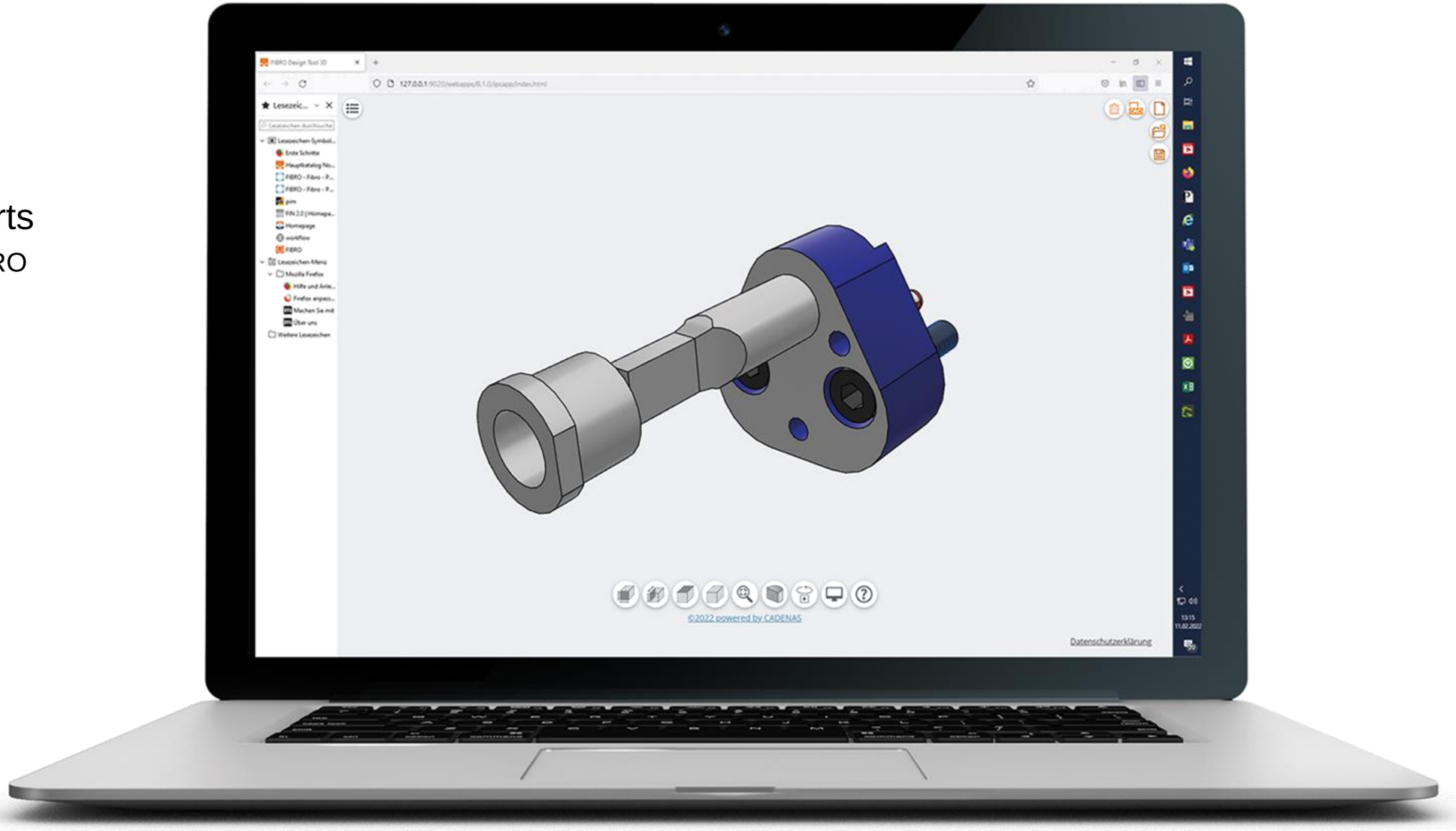
3D INTERACTIVE PRODUCT CONFIGURATOR
FIBRO IPC

Augsburg, May 10th, 2023

FIBRO IPC
AGENDA

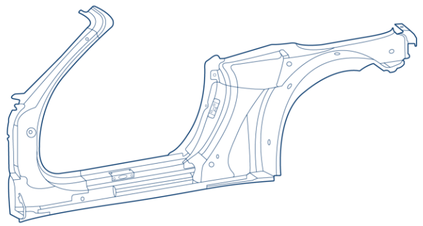
- FIBRO Standard Parts
  - LÄPPLE Group & FIBRO
  - Sites, facts & figures
  - Our products
- The speaker
  - Who am I
  - Where I work
  - What I do
- IPC
  - Why IPC
  - The path to IPC
  - How the IPC works



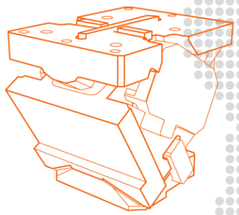
LÄPPLE GROUP
YOUR GLOBAL PARTNER

LÄPPLE

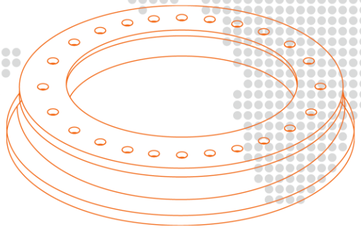
LÄPPLE AUTOMOTIVE
CAR BODY MODULES



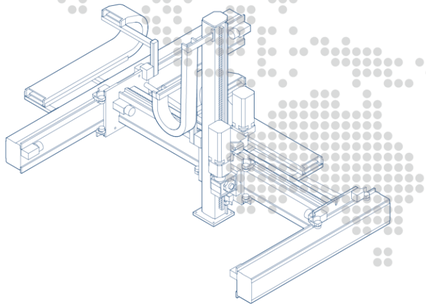
FIBRO
STANDARD PARTS



FIBRO
ROTARY TABLES



FLT
AUTOMATION SOLUTIONS



LÄPPLE AUS- UND WEITERBILDUNG
TRAINING AND QUALIFICATIONS

LÄPPLE GROUP
FACTS AND FIGURES

1919
Company founded

100%
family-owned

2,500
employees

EUR 497.7 Million
turnover

		TURNOVER €MIO
LÄPPLE AUTOMOTIVE CAR BODY MODULES	1,120	327.0
FIBRO STANDARD PARTS	540	93.8
FIBRO ROTARY TABLES	255	24.2
FLT AUTOMATION SOLUTIONS	225	44.8
LÄPPLE AUS- UND WEITERBILDUNG TRAINING AND FURTHER EDUCATION	360	7.8

*Turnover includes EUR 11.7 million internal sales / as at: May 2022

FIBRO
PRESENT WORLDWIDE

NORTH AMERICA

GERMANY

FRANCE

ITALY

POLAND

KOREA

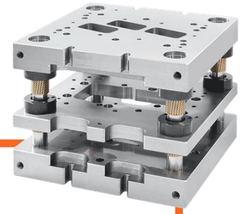
CHINA

INDIA

SINGAPORE

We are there for our customers on the spot all over the world:
With new production, sales and service companies as well as more than 35 trade agencies, we ensure the best possible service with minimal response times.

FIBRO STANDARD PARTS
PRODUCTS

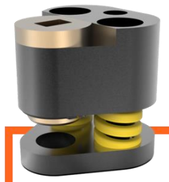


PILLAR GUIDE RACKS

PRECISION MACHINED PLATES AND FLAT BARS

TRANSPORT AND MOUNTING

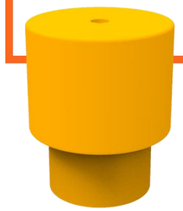
GUIDE ELEMENTS



PRECISION ELEMENTS

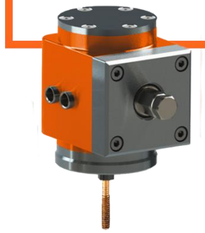
SPRINGS AND GAS SPRINGS

FIBROFLEX ELASTOMERS



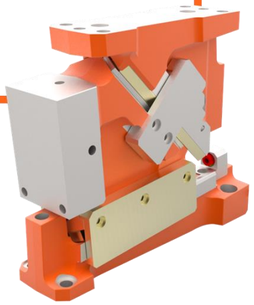
FIBROLIT CHEMICAL ARTICLES

PERIPHERAL EQUIPMENT, CONVEYING TECHNOLOG



MOULD MAKING

CAM UNITS



FIBRO STANDARD PARTS
DIGITAL BUSINESS

- FIBRO customer portal for convenient management of all data and processing of all orders
- Easy ordering with just a few clicks in the FIBRO Webshop
- Direct EDI connection possible for FIBRO customers worldwide
- FIBRO PartCommunity enables the download of 2D and 3D CAD data
- Our digital assistants and configurators help you find the right product

AVAILABLE IN DIGITAL FORMAT

FIBRO IPC
THE SPEAKER

Erich Markowitsch

- Since 1985 at FIBRO GmbH, Business Unit Standard Parts in Product Management.
- Initially with focus on consulting and elaboration of customer-specific inquiries and special solutions for the use of toolmaking standard parts.
- With the beginning of the cooperation with Cadenas in 1998, responsible for the content of the electronic product catalog.

THE JUNGLE OF PRECISION PARTS
WHY IPC

- Punches of different
  - head shapes
  - punch shapes
  - lengths

- Bushings
  - with/without collar
  - of different shapes
  - with conical/cylindrical clearance bore

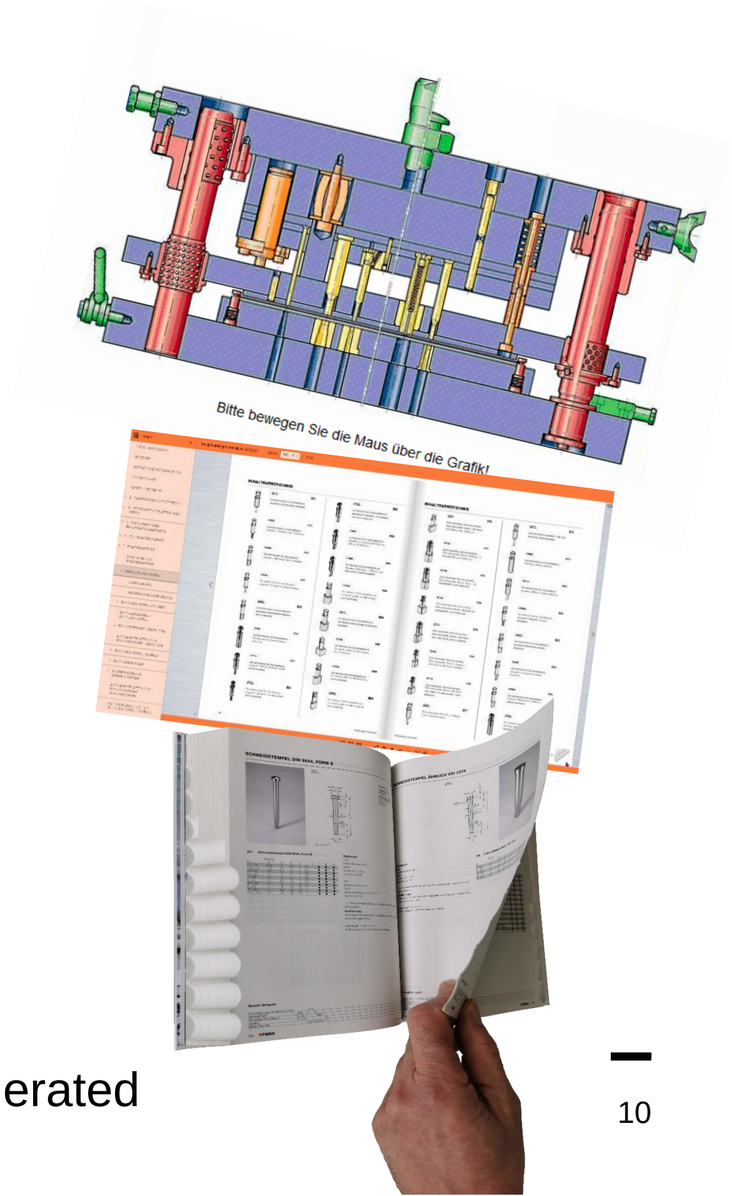
- Retainers

THE JUNGLE OF PRECISION PARTS
WHY IPC

- Simplifying the selection of the required components, taking into account the specific parameters
  - Material to be punched and sheet thickness result in cutting clearance
  - Plausibility check – Selection of possible combinations only

- Time saving
  - No cumbersome browsing/searching in the catalog (print/online)
  - Download of CAD geometries in „one step“
  - Handover of the ordering list

- Reduction of ordering errors
  - Article numbers are plausible to the ERP system – only what works is generated



THE JUNGLE OF PRECISION PARTS
WHY IPC

INCREASED PRODUCTIVITY

Customized configuration of punch and bushing with intuitive operation.

IMPROVED QUALITY

Error prevention by excluding combinations that are not possible.

OPTIMIZED USE OF RESOURCES

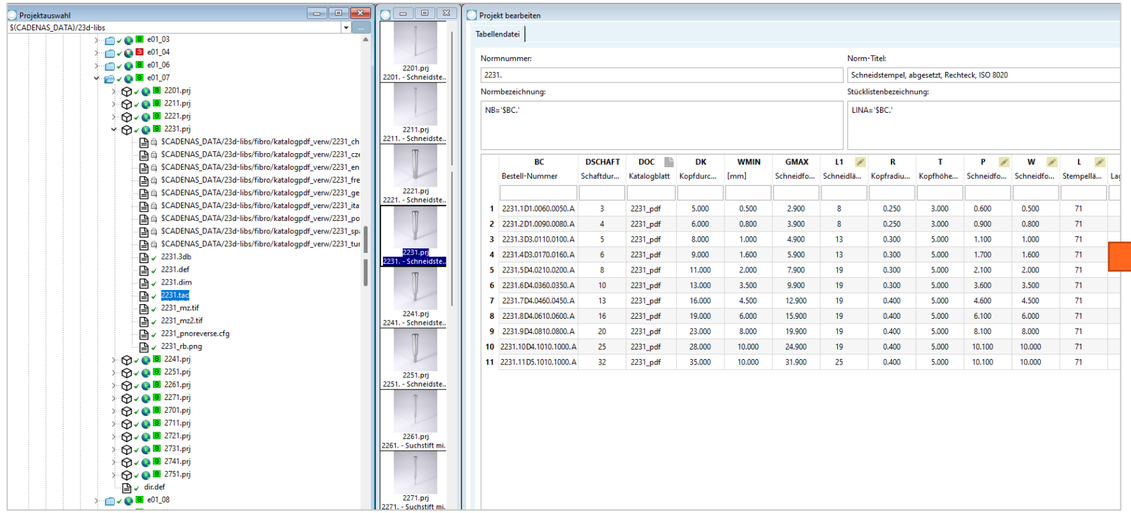
Simplified and fast design processes save time and money.

THE JUNGLE OF PRECISION PARTS
THE PATH TO IPC

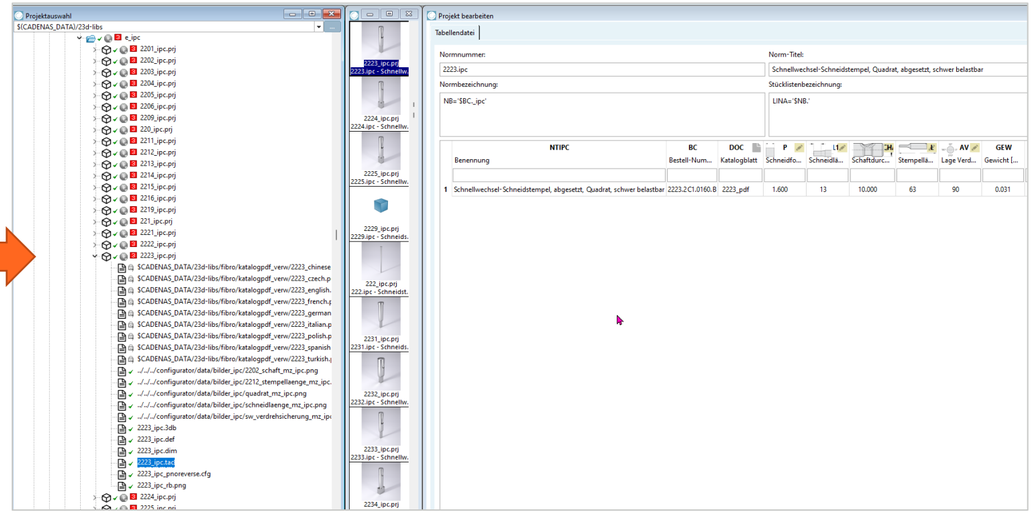
- Workshop with CADENAS
  - Review of the relevant article groups
  - Creation of a roadmap
  - Requirements / specifications

THE JUNGLE OF PRECISION PARTS
THE PATH TO IPC – DOING INHOUSE

1. Conversion of projects concerned in PartProject



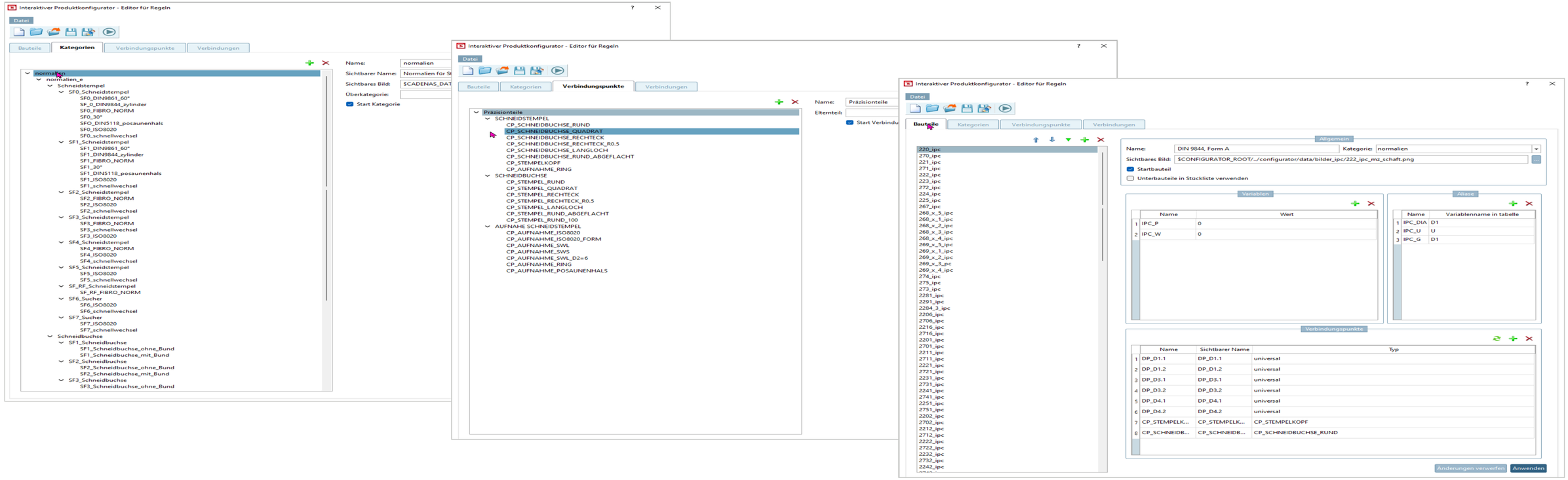
Standard project



IPC project

THE JUNGLE OF PRECISION PARTS
THE PATH TO IPC – DOING INHOUSE

2. Creation of rulebook

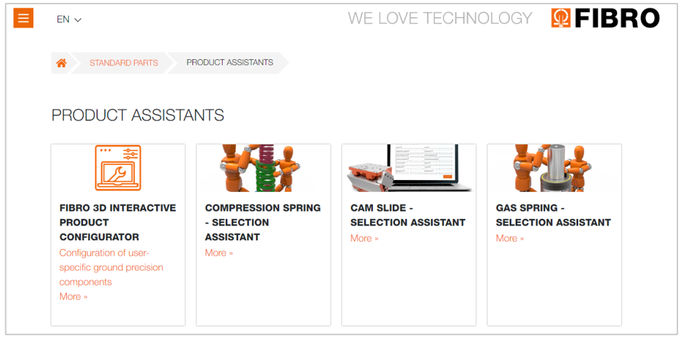


THE JUNGLE OF PRECISION PARTS
THE PATH TO IPC – DOING INHOUSE

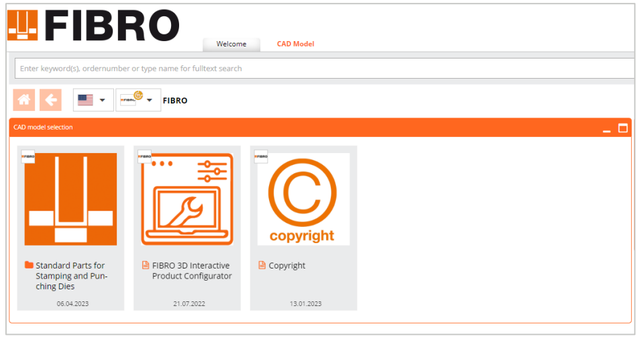
3. Data preparation

THE JUNGLE OF PRECISION PARTS
HOW THE IPC WORKS

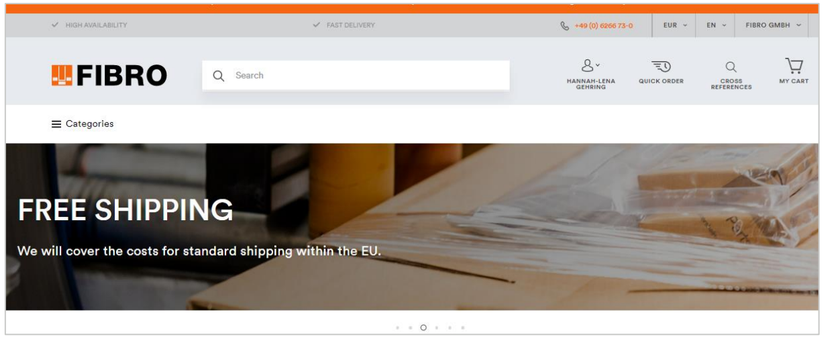
- Integrated in



FIBRO Homepage



FIBRO PartCommunity



FIBRO Webshop

THE JUNGLE OF PRECISION PARTS
HOW THE IPC WORKS

WE LOVE TECHNOLOGY

FIBRO GMBH | August-Läpple-Weg | 74855 Hassmersheim | fibro.de