



STANDARD PARTS

SYNOPSIS





DIE SETS

Die sets made of cast iron, aluminium or steel.



PRECISION GROUND PLATES AND FLAT BARS

Plates in steel and aluminium, flat and square tool steel, tooling steels, precision feeler gauges and foil shims.



LIFTING AND CLAMPING DEVICES

Shanks, lifter studs, eyebolts, rotary safety eyebolts, ball-type load-bearing bolts, ring blocks, die lifting bolts and lifting flanges, clamps and clamping claws, supports, stepped blocks, set screws, clamping tool sets.



GUIDE ELEMENTS

Guide elements for tools and equipment:

Guide pillars and guide bushes of various types with sliding, roller and ball-bearing guides.

Oilless guide elements, round and flat guideways for mould making, tool and equipment making and the machine tool industry.



◀ Oilless guide elements



GROUND PRECISION COMPONENTS AND BLANKING TOOLS FOR THE AUTOMOTIVE INDUSTRY

Punches, retainers for quick-change punches and matrices, ejectors, dowel pins, gauge pins, date inserts, punching and embossing units.



◀ Blanking tools for the automotive industry



STEEL SPRINGS, PLASTIC SPRINGS, GAS SPRINGS



Springs for the tool industry, metal forming, machine tools and machinery construction; special helical springs to DIN ISO 10243; disc springs and spring forming elements; plastic springs; gas springs.

All FIBRO gas springs meet the requirements of the Pressure Equipment Directive 2004/68/EU.



FIBROFLEX® ELASTOMERS

Sheets, tubes and profiles as elements for innovative solutions, for sensitive surfaces and for custom solutions in short run manufacture. Especially useful for buffers, stripping units and ejectors.



◀ FIBROFLEX® to customers specifications



FIBRO-CHEMICAL TOOLING AIDS

Special tool moulding resins and bonding agents, including processing accessories from our chemicals range.



PERIPHERAL EQUIPMENT – PRESS AND TOOLS PRODUCTS



Ball bearing inserts, ball bearing rails, electrically driven conveyor belts, pneumatic and elektro-mechanical conveyors.



- ▲▲▲ Electric thread moulding
- ▲▲ Electrically controlled conveyor belts
- ▲▲ Pneumatic conveyors
- ▲ Electro-mechanical conveyors



CAM UNITS



◀◀ Hydraulic cams

◀ Cam slide units
(FIBRO Compact Cam,
KBV1 and KBV2)



◀◀ Roller slide units

◀ Punching units,
mechanical



STANDARD PARTS FOR MOULD MAKING



Precision Components for mould making



- ▲▲▲ Guide Elements
- ▲▲ Forming/Demoulding
- ▲ MOULD LINE
- Gas Springs and
- Spring Plungers

2D/3D STANDARD PARTS CATALOGUE WITH QUICKFINDER BLANKING TOOLS FOR THE AUTOMOTIVE INDUSTRY

The FIBRO Electronic Standard Parts 2D/3D catalogue contains data on over 60.000 standard parts. Rapid access to all parts and especially Blanking Tools for the automotive industry. Find them easily with QuickFinder. Individual sub assemblies in the Electronic Standard Parts 2D/3D Catalogue can be assembled and it is easy to select CAD data and to order - all just a mouse click away.

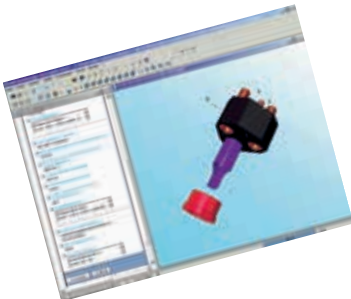


Your direct interfaces:

- Pro/E from V20
- Ideas from V4.0
- Autocad from R13
- Catia from V4.1.7

For other interface solutions see:

<http://fibro.partserver.de>



FIBRO – PARTNER FOR PRODUCTION

FIBRO was founded in 1958 as a manufacturer of precision parts. This developed into a program of standard parts for the tool-making and machine industries.

In 1962, the first high-precision rotary tables were developed and the Hassmersheim plant started up production in the same year.

Today FIBRO employs some 700 staff all over the world.



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