FÖBUS

PRODUCT RANGE



FOUNDRY SUPPLY



PATTERNMAKING SUPPLY

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FOUNDRY SUPPLY



Tools for melting and pouring

- Pouring spoons
- skimmers
- Immersion bells
- Carrying forks, …



Release agent

- For cold-box, hotbox
- Non-ferrous die casting, ..
- Mouldpowder
- Silver graphite
- .....



Accessories for mould making

- Sealing ropes, nylon vent ropes
- Shovels, sieves, brushes, tampers, lancets, …



Protective workwear

- Extensive product range
- Protection from head to toe
- DIN ISO 11612
- Radiant heat up to 1000°C





Accessories for core making

- FÖBUSHOTS and accessories
- Core box vents for all applications



Filters & feeders

- Ceramic sieve cores and foam ceramic filters
- Casting sieves made of wire mesh or glass fabric, expanded metals, …



Core supports & cooling materials

- Core supports; also made of polystyrene & self-adhesive
- Mould pins, core nails



Accessories for material testing

- Moulds for iron and non-ferrous samples
- Measuring and laboratory equipment
- …

PATTERNMAKING SUPPLY



Model dowelling

- Disc dowels, master dowels and precision model dowels
- Core box and mould dowels
- …



Core box vents

- Vents with parallel and tapered slots: brass, SS,AL, plastic
- Mesh vents, sintered vents, blind vents, …



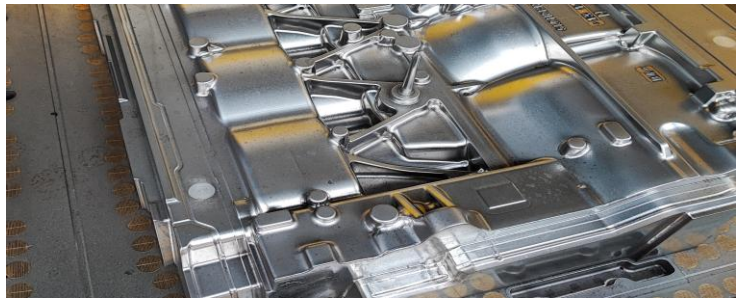
Pattern signs

- made of plastic (also self-adhesive), white metal
- Date plates, pattern clocks, company logos, …



Core box and ingot mould fasteners

- Core box wedge fasteners and chains
- Ingot mould fasteners
- …





Measuring equipment

- Shrinkage scales
- Compasses, bevel protractors, vernier calipers …
- Templates, bevels, …



Accessories for models and moulds

- Lifting plates
- Reinforcement discs
- Magnetic rod grippers, …



Ejectors

- Ejector pins and sleeves
- Also surface treated, hardened ….
- …



Pattern and mould construction aids

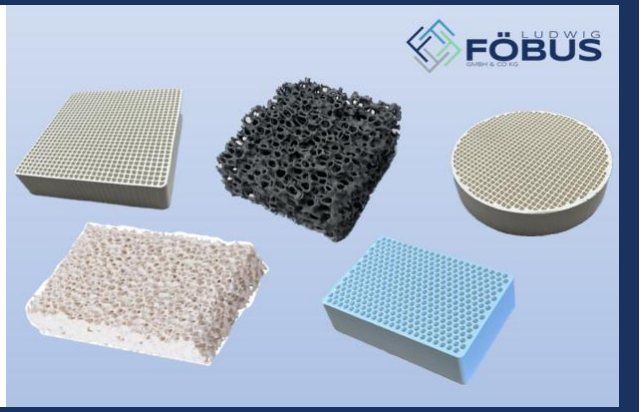
- Recco and rampa bushes
- Wax-sheets, plasticine
- Brushes, mixing cups
- Abrasives, …

LUDWIG FÖBUS GMBH & CO KG

PRODUCT OVERVIEW

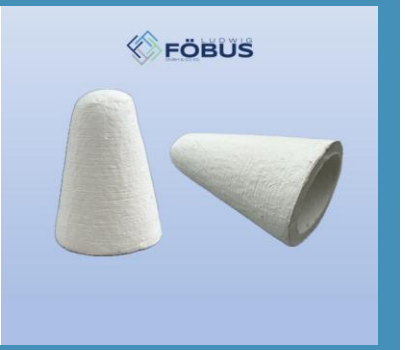
CERAMIC FILTERS

- We offer a wide assortment of ceramic filters for a variety of applications.
- Extruded ceramic filters in a wide range of geometries, also custom-made to customer specifications from a wide variety of materials depending on the operating temperature.
- Wide range of foam ceramic filters made of aluminum oxide, silicon carbide or zirconium oxide in different geometries and for all temperature and application ranges in a wide variety of porosities.



TAPHOLE CONE PLUGS

- Fireproof, conical taphole cone plugs for regulating and sealing furnaces and ladles used in the casting of aluminum and aluminum alloy at temperatures up to 1300°C.
- Our taphole cone plugs are characterized by high thermal shock resistance, flexible adaptability to specific shapes, and excellent insulating properties.
- Manufactured from ceramic, mineral, and bio-soluble fibers, ensuring a flexible shaping to meet customer specific geometric requirements.



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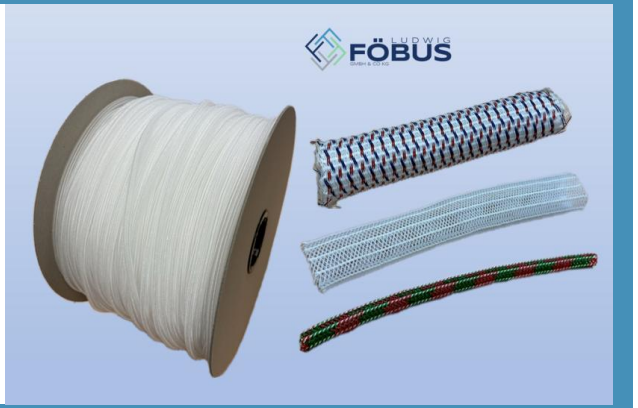
CATSING LADLES, SKIMMERS, CASTING BOWLS and CRUCIBLES

- **Forged and drawn casting ladles, skimmers and casting bowls available in various qualities, including high-temperature resistant versions.**
- **Custom-made manufactures possible.**
- **Many Itmes deliverable from stock.**
- **Extensive range of melting crucibles.**



NYLON VENT ROPE AND TEXTILE SLEEVES

- **Nylon Vent Rope / Textile sleeves ranging from Ø 3mm-30mm.**
- **During the casting process, they leave no residue due to thermal evaporation, thefore helping with the reuse of the molding sand.**
- **Our Nylon Vent Ropes are successfully used by many of our customers worldwide.**
- **Our product range includes Nylon Vent Rope / Textile sleeves with a variety of characteristics. From highly flexible to more rigid types. We can supply many standard sizes directly from stock.**



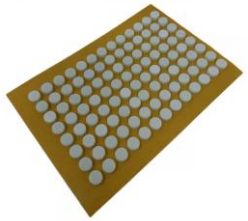
PRODUCT OVERVIEW

SELF-ADHESIVE CORE SUPPORT MADE OF EPS POLYSTYRENE

- **Proven millions of times in our customers' casting processes.**
- **Self-adhesive, thanks to a coating of our special adhesive.**
- **Fast and secure handling.**
- **Complete thermal evaporation during the casting process.**
- **Homogeneous aluminum castings with absolute soundness and high quality.**
- **Many heights, manufactured in-house, available from stock.**

Durchmesser	Höhe	Artikelnummer	VPE: Stück
12mm	3mm	STK03S	4.680
12mm	3,5mm	STK03,5S	3.952
12mm	4mm	STK04S	3.536
12mm	5mm	STK05S	2.808
12mm	5,5mm	STK05,5S	2.600
12mm	6mm	STK06S	2.392
12mm	7mm	STK07S	2.080
12mm	8mm	STK08S	1.768
12mm	9mm	STK09S	1.560
12mm	10mm	STK10S	1.352
12mm	12mm	STK12S	1.144





CORE SUPPORT AND CHAPLETS MADE OF METAL

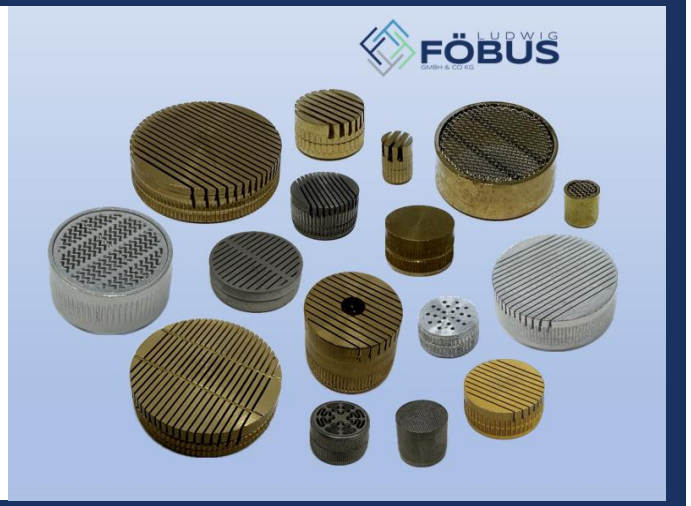
- **Core Support in different variations.**
- **With one or more bars.**
- **Square, round, smooth, or grooved.**
- **Aluminum Core supports available in various heights and diameters.**
- **Also available with a self-adhesive coating using our special adhesive, upon request.**



PRODUCT OVERVIEW

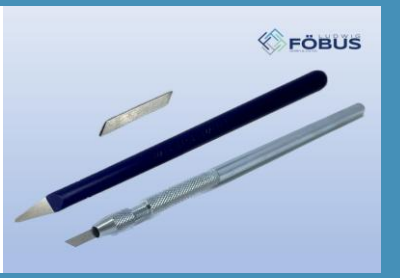
CORE BOX VENTS FOR ALL AREAS OF APPLICATION

- **Our range of core box vents is, and remains, the most extensive on the market.**
- **Steel and brass slotted vents, rib reinforced brass slotted vents, steel and brass vents with ejector hole (customized to client specifications), deep slotted vents, mesh vents, sintered vents, stainless steel vents, supervents, hole-vents, vibraflake vents, and plastic vents.**
- **We specialize in custom-made solutions, offering a wide variety of slot widths – staright or conical – in metric or imperial dimensions, as well as various heights and head plate thickness.**



VENT-CLEANERS MADE OF PLASTIC AND STEEL

- **Vent cleaners made of blue platic with short or long 0.25mm thick spring-steel blade.**
- **Vent cleaners made of steel with replaceable 0.2mm thick blades.**
- **Replacement blades are available from our stock.**
- **Special replacement blades with a thickness of 0.15mm are available for narrow slotted vents.**



LUDWIG FÖBUS GMBH & CO KG

PRODUCT OVERVIEW

MODEL-DOWELING

- **We offer prompt delivery of all types of dowels in all dimensions, available directly from stock**:
- **Brass disc dowels in various system sizes ranging from 4-9**
- **Case-hardened and galvanized steel master dowels in all system sizes, along with all .**
- **mould dowels in all designs, including the „Sonnenberg“ system.**
- **Custom-made products can be manufacture according ro customer specifications.**



FÖBUSHOT IMMERSION NOZZLES

- **In cooperation with well-known partnered core manufacturers we were able to further develop our special plastic for our FÖBUSHOT, under realistic conditions, with material tests, leading to a significantly longer service life.**
- **The FÖBUSHOT offers considerable advantages for core production, preventing damage to the tooling, when components come together, and it can be replaced quickly whenever necessary.**
- **Immersion depth and amount of sand injected can be adjusted idividually.**
- **Accessories such as screw-in nuts, countersinks and, screw taps are available from us as well.**



LUDWIG FÖBUS GMBH & CO KG

PRODUCT OVERVIEW

RECCO BUSHES / LIFTING PLATES / ALUMINUM GUIDE BUSHES

- **Extensive range of Recco bushes in various dimensions.**
- **Extensive range of lifting plates in various dimensions.**
- **Custom productions available.**
- **Many sizes available from stock.**



PATTERN SIGNS MADE OF PLASTIC AND METAL

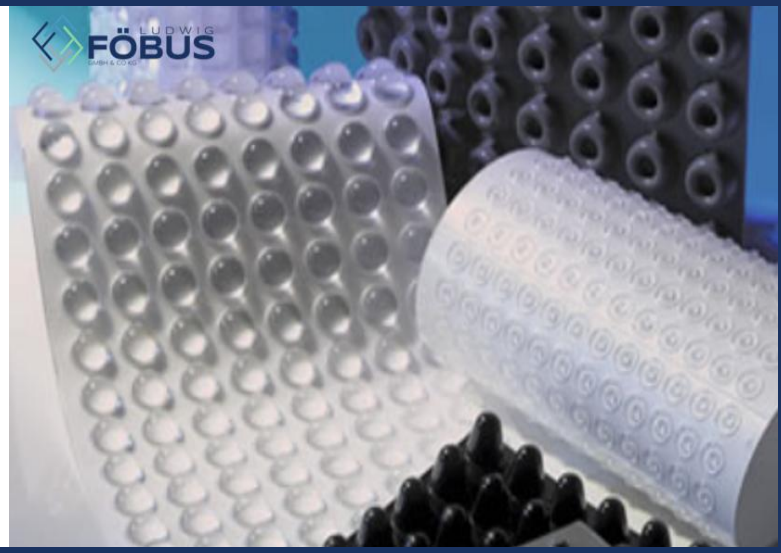
- **We supply an extensive range of plastic signs in various sizes and colors, as well as custom-made logos – available as self-adhesive upon request.**
- **We also offer a wide selection of brass and white-metal signs, along with date plates in many different sizes, available directly from stock.**



PRODUCT OVERVIEW

FÖBUSTOPS / STOPPYS

- **Extensive range of Föbustops / Stoppys available from stock.**
- **Offered in over 35 different dimensions.**
- **Föbustops / Stoppys are highly effective at absorbing vibrations and impacts.**
- **Thanks to the high-performance adhesive, they are quick and easy to apply.**
- **Permanently elastic, slip-resistant, and discreet when used on transparent materials.**
- **Available in transparent, white, gray and black.**
- **Available in various shapes, including cylindrical, square and hemispherical.**



In case you have not found your product,
please contact our customer service.

Tel: 0049 (0) 5241 30071-0 or via E-mail: info@foebus.de
Our team will assist you promptly.