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Economic



Innovative



Secure



Creative

Finding your potential

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Precision in deep drawing



Economic

Together with you, we achieve the best possible resource utilization by optimizing process and costs.

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Creative

PressTeck keeps setting new limits of feasibility in deep-drawing technology.
Pharmaceutical Parts
Industrial Parts
Automotive Parts

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Raw material cost saving

■ Turned part

■ PressTeck deep drawn part
Raw material cost saving compared to turned part - 70%



Innovative

The continuous success of PressTeck is based on experience and competence. PressTeck innovations create new forms and new savings potential.

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Secure

PressTeck – your reliable partner.

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About us

A partnership with PressTeck means longterm collaboration.

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e c o n o m i c



Economic

FROM TURNED PART TO DEEP DRAWN PART

Deep drawn parts can offer significant savings because they replace cost intensive turned and cast parts. This also applies to geometries that could so far only be achieved with chip removing process. Deep drawing is a manufacturing process that gives circular blanks the desired shape, and that with no or only minimal change to the material thickness. This is done in several steps by means of tensile-compressive forming in a hollow body. The method achieves degrees of precision that surpass those of conventional turning processes and other forming processes. Tools are cheaper and production uses little material.

EVERYTHING FROM ONE SINGLE SOURCE

PressTeck offers you support from the product idea to series production so an economic product could be realised with you in serial production. PressTeck combines the economic advantages of forming with the precision of downstream metal-cutting and non-cutting machining methods: fast, precise and economical! Our ultimate objective is: customer satisfaction.

A cooperative, intensive partnership with you, starting as early as in the “product design phase”, is necessary in order to take full advantage of all these processing advantages.

PressTeck manufactures the core tubes for solenoid valves shown at the left as one-piece components.

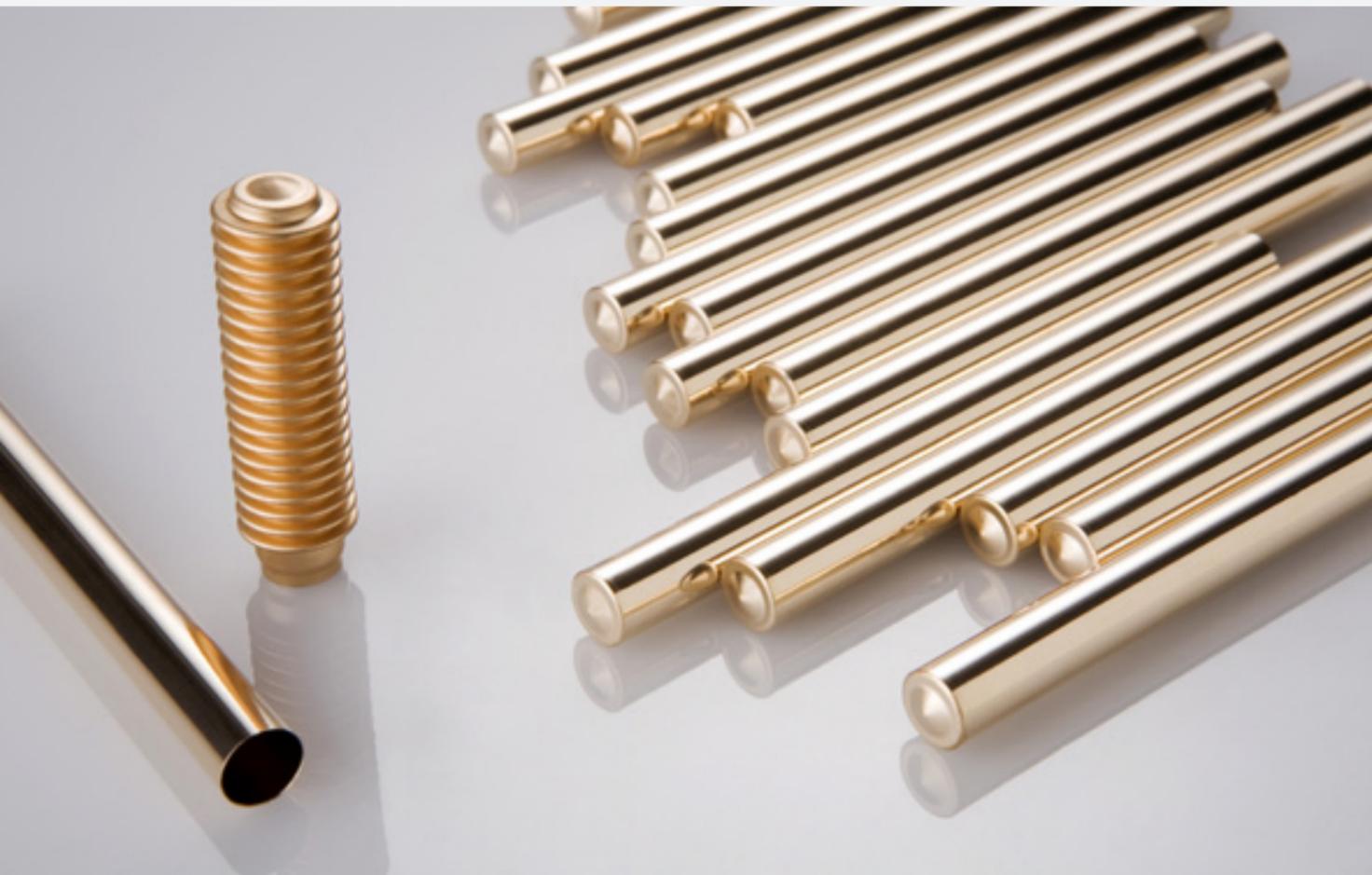


Consulting services
Development
Construction
Tool manufacturing
Quality processes
Production
Processing
Assembly
Logistics

**Challenge us.
Visit us.**



c r e a t i v e



Creative

PressTeck strives to manufacture demanding components, especially from stainless steel, non-ferrous metals and exotic materials. Various more machining options are available, even including the manufacturing of entire structural components.

PressTeck is able to process medium and large quantities in batches starting from 150.000 pieces manufactured on more than 30 presses.

MORE COMPLEX COMPONENTS WITH PRESSTECK!

PressTeck can do what seemed almost impossible in the past: going beyond standards, the innovative efforts of PressTeck specialists drive deep-drawing technology into new shapes – lighter, more complex and more sophisticated. PressTeck's strengths are finding new possibilities and implementing them in practice to the limit of feasibility. This is what PressTeck is known for – throughout the world.

PressTeck manufactures deep drawn parts – always depending on the overall geometric relationships between the components and the materials required:

- material thickness from 0,05 to 2,50 mm
- in lengths of up to 120 mm
- in diameters of up to 60 mm





p h a r m a



Pharmaceutical Parts

As one of the leading manufacturers of aerosol cans for MDI inhalers, PressTeck fulfils the tough requirements of the pharmaceutical industry. We supply primary packaging such as aerosol containers, valve parts and dosing components for medications. State-of-the-art deep drawing, cleaning and control processes result in products that meet the strict requirements of the pharmaceutical industry in terms of cleanliness, precision and functionality.

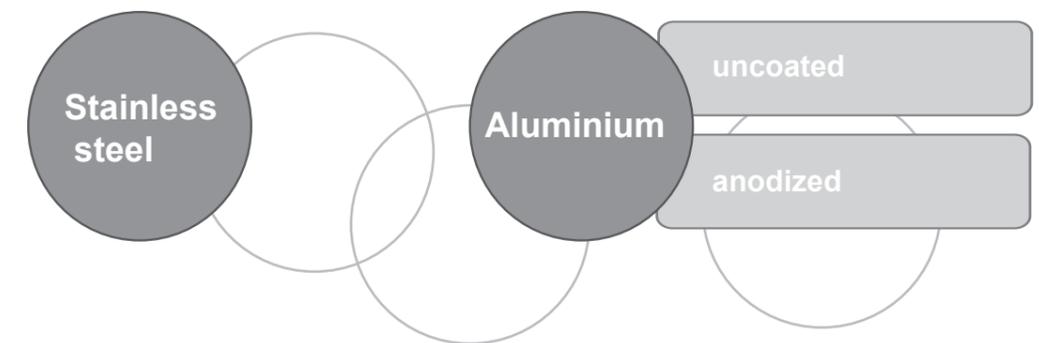
PressTeck packages under clean room conditions and applies the exacting of “**Good Manufacturing Practices**” (cGMP) regulations according to ISO 15378.

Can sizes

14 ml, 17 ml, 19 ml

Other sizes on request.

PressTeck delivers its stainless-steel and aluminium cans uncoated or anodized.



Neck and edge shapes

- Cut edge
- Curled edge
- Rolled thread

Base shapes

- Concave
- Base stamp/blind embossing with product name, logo or application information are optional.





industrial

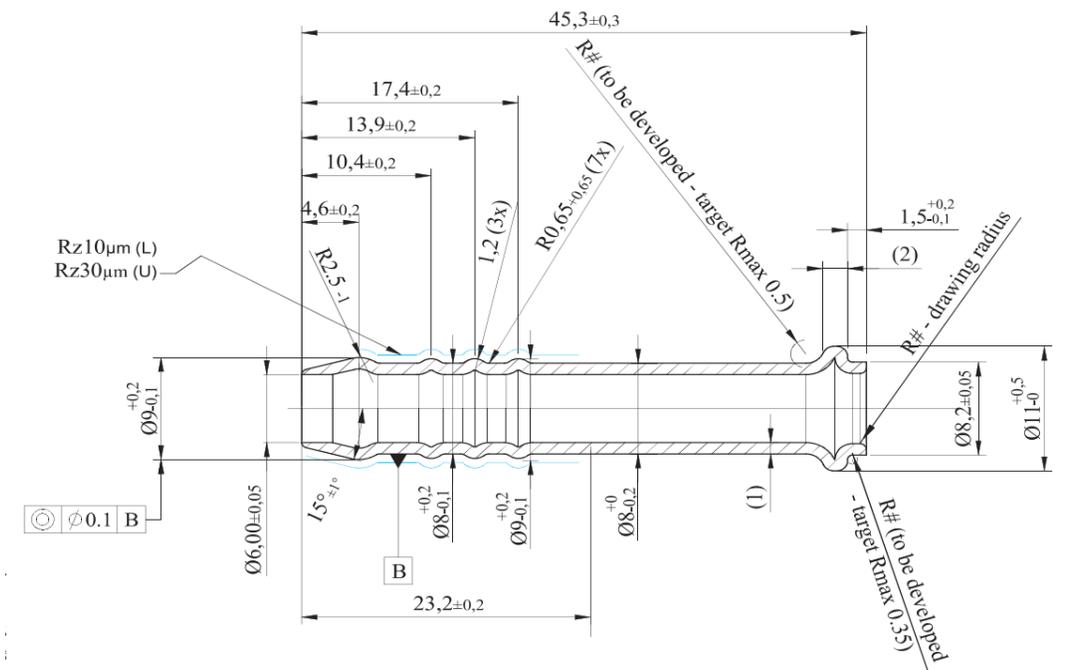


Industrial Parts

PressTeck offers innovative solutions in the areas of measurement and control engineering, electronics, air conditioning, hydraulics and water systems. Currently, PressTeck manufactures more than 60 varieties of core tubes for valve technology, sleeves for corrugated pipes and temperature control, parts for boilers, gas valves, sensors, closing systems, heating cartridges, sanitary components, lighting technology, domestic appliances, machines and installations as well as pneumatic systems.

PressTeck specializes in core tubes for solenoid valves, manufacturing them in large variety. The degrees of precision reached surpass conventional turning and other forming processes. Components are made more economically because we produce with little loss of material.

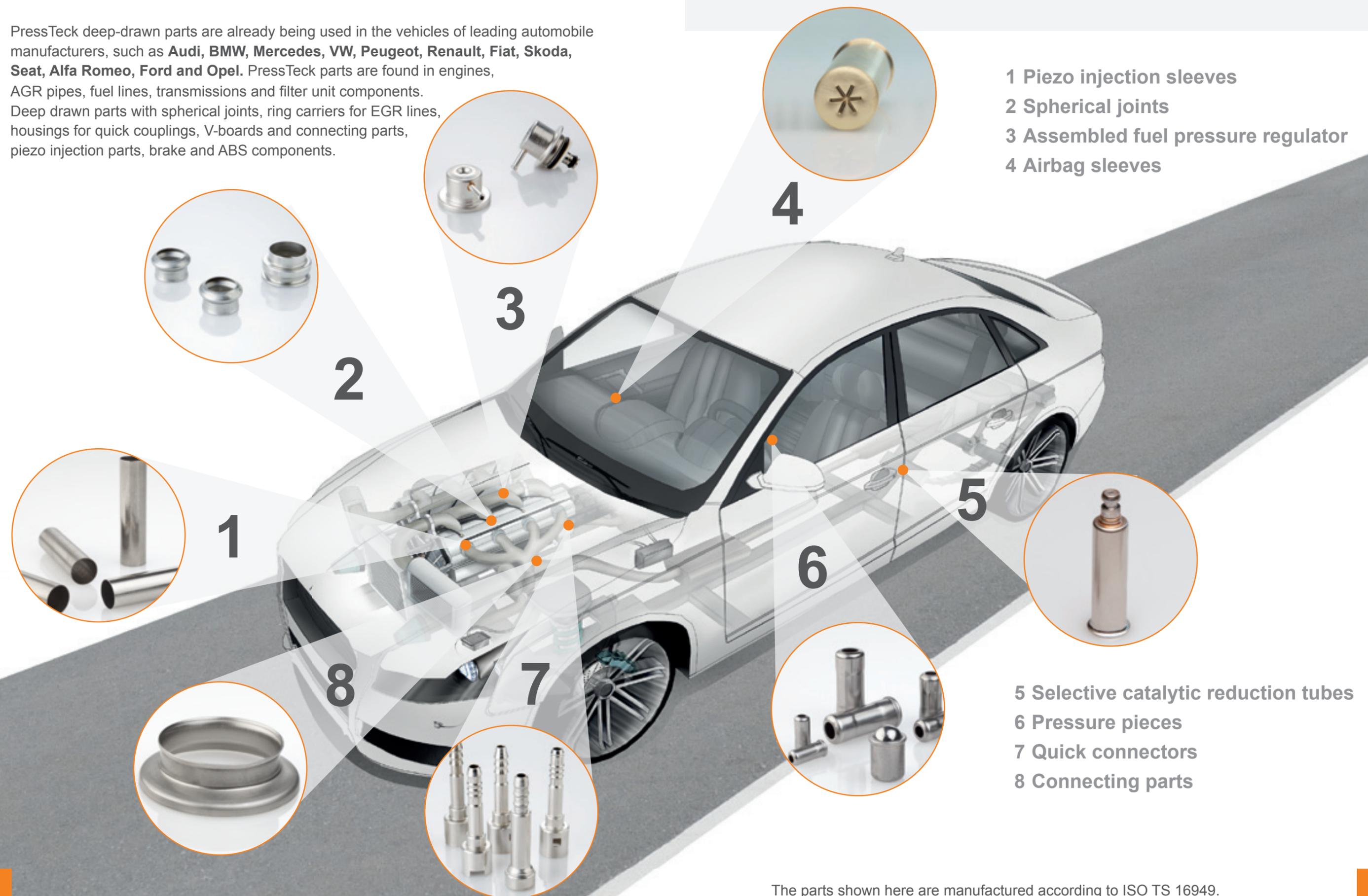
PressTeck can increase the cycle life of core tubes for solenoid valves. To extend useful life and improve circuits, PressTeck can shotpeen these parts to optimize valve cycles. PressTeck supplies this from one single source – one less interface for you.



Deep-drawn tube connector

Automotive Parts

PressTeck deep-drawn parts are already being used in the vehicles of leading automobile manufacturers, such as **Audi, BMW, Mercedes, VW, Peugeot, Renault, Fiat, Skoda, Seat, Alfa Romeo, Ford and Opel**. PressTeck parts are found in engines, AGR pipes, fuel lines, transmissions and filter unit components. Deep drawn parts with spherical joints, ring carriers for EGR lines, housings for quick couplings, V-boards and connecting parts, piezo injection parts, brake and ABS components.

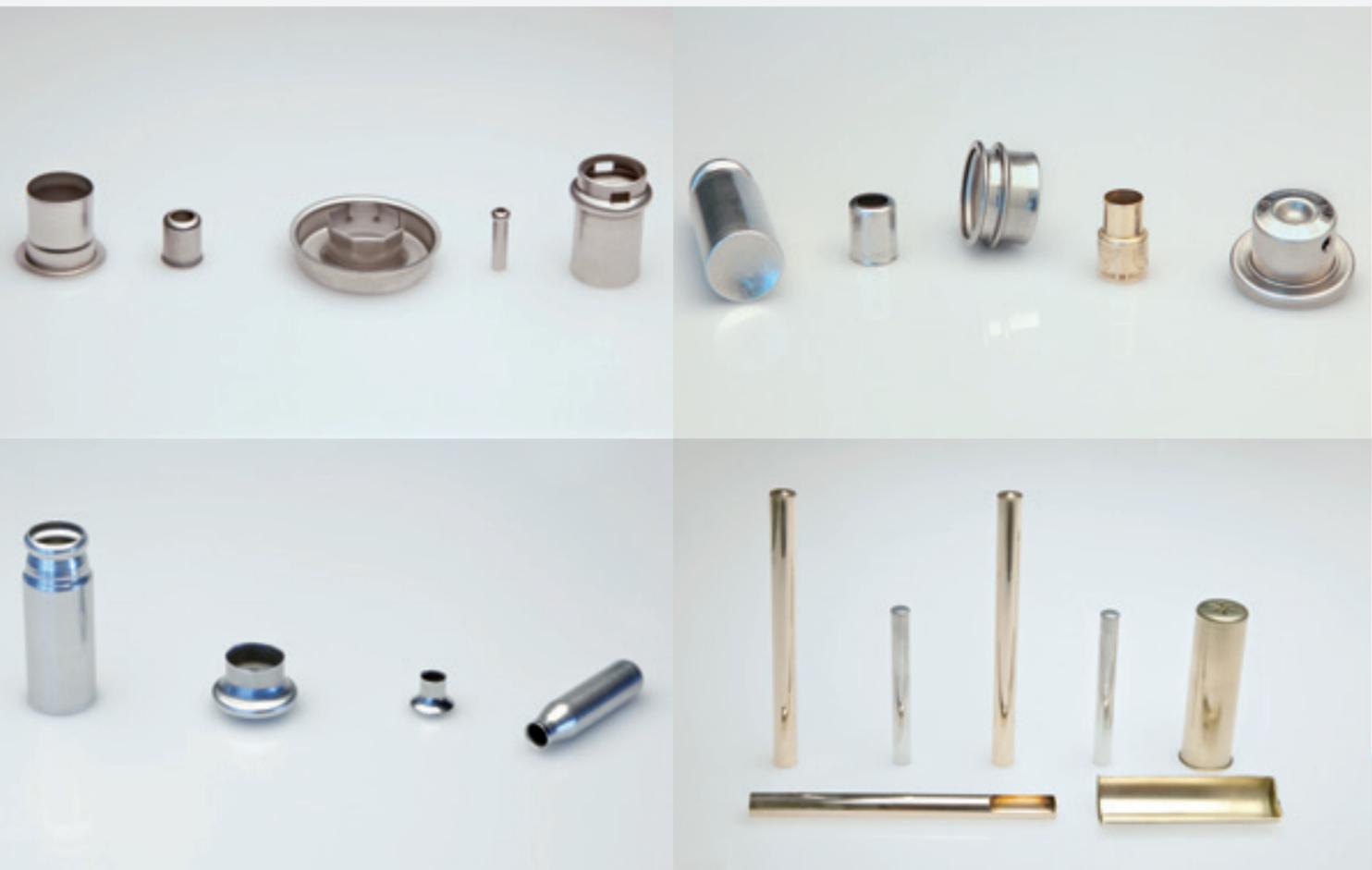


- 1 Piezo injection sleeves
- 2 Spherical joints
- 3 Assembled fuel pressure regulator
- 4 Airbag sleeves

- 5 Selective catalytic reduction tubes
- 6 Pressure pieces
- 7 Quick connectors
- 8 Connecting parts



innovative



Innovative

All tools and devices needed for manufacturing our products are developed and produced with in the PressTeck site. In the deep drawing process, the circular blanks are formed step by step into hollow bodies. The continuous development of our deep-drawing methods plus our extensive machinery allow us to manufacture components to the very limits of material forming: walls from 0.05 to 3 mm, hollow parts to a length of 120 mm – all depending on the material and the overall geometry of the component in question.

Both the construction and the production of precision deep-drawn tools are done entirely in house – built, tested and made ready for serial production. Tool-making is always linked with development. Servicing and preventive maintenance are a priority.

Our tenser presses are capable of processing stainless steel, aluminium, copper, non ferrous materials and a wide range of exotic materials. Additionally, tool component properties (hardness, tensile strength, elongation at fracture, inner states of stress, etc.) can be set for further processing at PressTeck or your company by means of heat treatment and in controlled atmosphere ovens.

Further processing options for deep-drawing:

- Electroplated surfaces
- Degreasing and cleaning
- Deburring, rolling, beading
- Controlled atmosphere heat treatment
- Machining
- Embossing, connecting
- Complete assembly of structural parts
- Mechanical surface finishing and polishing
- Soldering, brazing
- Rolling threads
- Reverse drawing
- Punching – windows, tabs etc.
- Marking
- Special geometries
- Shot peening
- Cutting with various methods

For long term partnership project, PressTeck regularly invests upon custom built machinery suite specific requirements an added value our clients may require.



Secure

PRESSTECK – YOUR RELIABLE PARTNER



A highly qualified technical staff, short decision-making processes and a close, cooperative partnership with you lead to high-quality product solutions.



PressTeck guarantees high output, uniform high quality with narrow tolerances and secured process parameters. This high quality is supported by certified processes and procedures as well as modern computer-aided measuring technology.



PressTeck has its own laboratories for mechanical and chemical tests which determine, among other things, residual dirt. Statistical measuring methods and techniques, in addition to continuous documentation, ensure that your specifications are met.



PressTeck manufactures products with the highest standards of quality and cleanliness for the pharmaceutical, medical and food industry.



We procure our materials exclusively from selected suppliers, who are integrated into our quality management system.



PressTeck is certified.

Our certifications stand for quality, process safety, organization, productivity and reliability. All our measures are defined and developed further and are also regularly monitored by internal audits. PressTeck adapts the zero-error strategy as objective and is certified according to:

- ISO 9001
- ISO 14001
- ISO/TS 16949
- ISO 15378



PressTeck – About us

PressTeck is one of the leading manufacturers of precision deep-drawn parts from transfer presses.

A partnership with PressTeck aspires to long-term collaboration. PressTeck is a family-owned business founded in 1993 with a currently staff of approx. 100 employees in Muravera (Italy).

Our project teams are in close contact with you throughout all phases.

Special requirements, defining ideas in concrete terms, feasibility testing all the way to production-oriented product development – all are discussed and successfully implemented, with efficient manufacturing and logistics and are a basic part of all projects.

The non-binding consultation we give in advance paves the way to solid solutions.

The competent employees of PressTeck S.p.A. give you professional advice in every phase of product development every phase of the product development and into mass production, professionally and according to ISO/TS 16949 Certification.

Service

Our active customer service extends over the entire life of the product. Smooth processes are an important value-adding factor. At PressTeck, not only are our internal processes perfectly organized and certified: the interfaces to our customers also function as smoothly as possible.

Logistics

From the procurement of materials and production all the way to supply as needed, our flexible logistics ensures local on-time availability at your door. We deliver in disposable, reusable and special packaging. The setup of minimum storage levels and specific special solutions (JIT/Kanban) are possible upon consultation.

Global player

PressTeck is a worldwide supplier that processes over 2,000 metric tons of stainless steel and 500 metric tons of non-ferrous metals. 70% of the products we manufacture are exported to the EU, North America, South America, Asia, Australia and New Zealand.

The environment and sustainability

Our manufacturing processes are monitored and follow strict guidelines for protecting nature and the environment. PressTeck is certified according to ISO 14001.



Administration



Automotive plant



Industrial plant and secondary operations plant



Pharmaceutical plant

Leading brand manufacturers

are already relying on PressTeck today. What about you?