

We think in solutions



Production

... Be it punching, bending, coiling, pressing, welding, assembling, shot-blasting, vibratory grinding or tempering ... Our machinery is state-of-the-art.

We offer you:

- Highly loadable compression, tension and torsion springs in the Ø range of 0.15 – 20 mm, depending on the spring type
- Punched and punched bent parts in sophisticated material qualities
- Wire formed parts made of round and profiled materials
- Assembly parts and complete assembly groups
- Wide range of surface treatments
- Technical support during all development stages, from pilot run to mature series production
- Logistics that meet your requirements
- Quality and environmental management (ISO/TS 16949 and ISO 14001)

Teamwork – working together to achieve our goal



Staff of Federtechnik Kaltbrunn AG

Together we want to choose our path and change direction, with interest, commitment, curiosity, openness and enthusiasm. Together we want to leave a mark that points the way to a successful future – for Federtechnik, for us and for the next generation.

«Live and work where you feel at home»

90 of our 170 staff are local residents and a further 60 employees live in the surrounding municipalities. Regional workplaces are important and mean investment in quality, in the future and in the Federtechnik Company.

The Federtechnik Group

Headquartered in Kaltbrunn, the Federtechnik Group has production facilities in three Swiss locations. It has more than 80 years of experience in developing and producing technical springs made of wire and strip steel. Combined with the latest laser and cutting technology, through to modern fine blanking metal forming technology, we cover the entire range of services, thus creating real added value for you.

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«Unlimited possibilities in Spring Technology»



Our services – your added value

Engineering and construction

We are specialists in customer-specific engineering projects involving punched and bent parts as well as sophisticated bent wire parts for small, medium and large batch series. If you are looking for a technical solution in the field of spring technology, ask us.

We offer you:

- Support regarding material selection, manufacturing technology as well as heat and surface treatment
- Feasibility study and risk assessment
- Prototypes and production tests
- Proposals for solutions using 3D-CAD

With our construction department, tool manufacture and prototype construction, we are able to offer our customers optimum and fast product development. Bring us in early – so you can find the best solution together with our engineers.

The whole world of Spring Technology from one source

Springs made of spring wire and various special materials, such as titanium, Phynox, CuBe, Nimonic, etc.

- Compression springs, wire \varnothing 0.10 mm to 20 mm
- Tension springs, wire \varnothing 0.10 mm to 10 mm
- Torsion springs, wire \varnothing 0.15 mm to 6.5 mm
- Bent wire components, wire \varnothing 0.15 mm to 6.5 mm



Standard parts

- Compression springs, wire \varnothing 0.25 mm to 10 mm
- Tension springs, wire \varnothing 0.50 mm to 5 mm
- Drall-Fix®, fastening system for additional insulation layers
- Ball bearings



www.federtechnik.ch/onlineshop

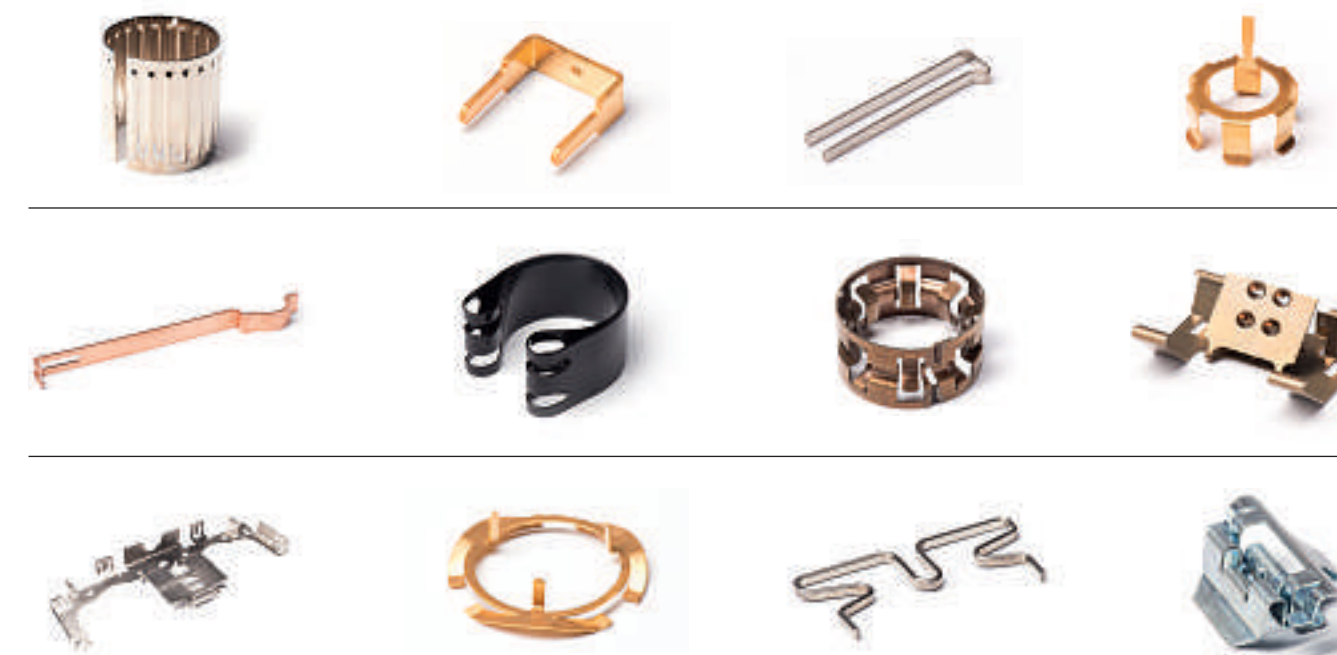
www.kugellager-online.ch

Special parts: Wrap springs, copper coils, conveyor spirals, endless coils, etc.



Leaf springs and punched bent parts made of spring materials and various special materials, such as titanium, aluminium, CuBe, Nimonic, etc.

- Punched bent parts, material thickness 0.10 mm to 3 mm, width 1.5 mm to 160 mm
- Punched parts, material thickness 0.05 mm to 4 mm
- Moulded sheet metal parts, material thickness 0.05 mm to 4 mm
- Flat spiral springs, material thickness 0.2 mm to 1 mm, width 1.5 mm to 50 mm
- Disc springs, material thickness 0.2 mm to 1.25 mm (DIN 2093) 1.5 mm to 5 mm (not DIN 2093)



Assembly groups for customer-specific applications

- Advice, development, construction
- In-house tool manufacture
- Prototype manufacture at short notice



Special parts: Torsion bar, contact finger, spindle, flat spiral spring, etc.

