

Get your springs now in a variety of materials

Euro Springs points out that it has a huge range of products available on demand, and that it is comfortable using an array of different materials from the Super alloys to the basic spring steel, thus providing you with choice, and so ultimately enabling you to obtain the ideal product to meet the application requirement.

Euro Springs is committed to providing the best standards of customer service and satisfaction and strives to do so in each and every aspect of company organisation. The company has a very positive attitude and even in today's challenging economic climate has continued to grow by maintaining a strong customer focus. To do so, Euro Springs ensures that it keeps up to date with the latest spring technology as an aspect of paramount importance, and says that this is afforded to it through its membership of the UK Spring Manufacturers Association (IST). [www.eurosprings.co.uk](http://www.eurosprings.co.uk)

# Spring maker certified for nuclear applications

If the UK is to move to a greater reliance on nuclear energy in the future, then supply of fully certified components will be vital

With the upsurge of international interest in nuclear power generation, component suppliers to this market will need to ensure that they have full compliance with the latest specifications that have moved on from those in place for the earlier generations of plant, many of which are now approaching shut-downs and closure.

Christian Bauer, the parent company of the UK based Bauer Springs, manufactures of a wide range of individual disc springs as well as customised spring pack assemblies. The company has achieved full certification as an

approved supplier of these products to the nuclear industry, either direct or through other OEM suppliers to this market. The certifications include ISO 9001:2000 (which is helpful but not essential), together with KTA 3204 (which is a German standard covering aspects of manufacturing, quality control, testing and inspection for approved suppliers to the nuclear industry). These are also supplemented with KTA 1401 and AVS D 100/50 (a higher certification covering nuclear engineering codes), which can only be achieved when KTA 3204 has been obtained.

These are government-based legal requirements for suppliers to the nuclear industry. They have been established to ensure that such suppliers and their personnel have the technology to produce parts of appropriate quality, with the knowledge and capacity to check and verify the quality. There is no higher certification protocol currently available covering the supply of equipment to the nuclear industry and Christian Bauer is one of the few



companies, and possibly the only disc springs manufacturer to date, that has been certified to this level. The company also has relevant ISO certifications, together with TÜV CERT according to DIN EN ISO 2001.

Disc springs, used singly or in pack form are unique in the mechanical energy storage capacity they provide after compression for short stroke applications. This is particularly useful where safety critical conditions require a guaranteed mechanical force to be generated, even in the event of total power failure, typically for the operation of safety valves. Many industries, not only power generation, rely upon these unique and reliable, sources of stored energy for fail-safe operations. [www.bauersprings.co.uk](http://www.bauersprings.co.uk)

## Euro Springs Ltd.



### SPECIALITIES INCLUDE:

- ◆ Spring design
- ◆ Screen Box Springs
- ◆ Camber Bars
- ◆ Crusher Springs
- ◆ Draw Bar Springs
- ◆ Clips and Pressings
- ◆ Wire Shapes
- ◆ Counter Balance Springs
- ◆ Materials to suit all applications
- ◆ Quick turn around



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## Wave spring options for quick connector

If your application requires quick connectors, then Rotor Clip reckons it will have just the wave spring for you. Its flatwire wave springs and retaining rings are used in a variety of quick connectors/circular plug-in connectors with threaded and

bayonet locking for military, aerospace and industrial applications.

The designer has the choice of single (overlapping ends save axial space and prevent radial jamming), nested (provides a higher load than a single turn wave spring and uses the same radial space as a single turn design) and multi-turn (does not cling to the bore; greater deflection while taking up half the space of coiled springs) wave springs to meet the unique demands of virtually any connector application.

Rotor Clip wave springs are currently manufactured from carbon steel and 17-7 stainless.

[www.rotorclip.com](http://www.rotorclip.com)

