

GATES EUROPE

Korte Keppestraat 21, 9320 Erembodegem – Belgium
www.gates.com/europe



PRESS RELEASE

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Environmentally friendly fittings from Gates EMB

August 2013

Gates EMB (Eifeler Maschinenbau GmbH), a division of Gates in Europe, is one of the largest European manufacturers of DIN 2353/8434-1 cutting ring couplings in steel and stainless steel 1.4571.

Gates EMB offers a variety of connecting systems. The product range comprises the trusted cutting ring with two cutting edges (DS) and a soft seal cutting ring (DSW). The tried and tested DS cutting ring from Gates EMB is available in both steel and stainless steel versions. The DS ring's special construction not only increases stability but also relieves the strain on the threaded nut, while the reduced profile optimises the radial stiffness and results in a reliable tube connection. For customers requiring a soft seal cutting ring solution, Gates EMB offers the DSW.

Gates EMB products are guaranteed to be 100% leak free and provide cost savings as well as short downtimes. The fittings meet all industrial requirements and exceed the ISO standards for compressive strength at operating pressures of up to 800 bar and with a quadruple security mechanism.

In compliance with EU Directive 2000/53/EC, Gates EMB offers Cr (VI)-free with state-of-the-art surface protection coating for its hydraulic fittings, called **NanoProtect™**. This system allows users in mechanical engineering and mobile hydraulics to take advantage of a surface technology that is environmentally friendly and also reduces recycling costs. The innovative surface protection with its silver-grey appearance is the result of intensive research and development work in electroplating technology as well as extensive laboratory and field tests. The optimised treatment process results in far better corrosion protection than is offered by conventional treatments containing Cr (VI) with a yellow finish.

For special applications or at the specific request of the customer, Gates EMB fittings can also be supplied with the familiar zinc-nickel finish. Gates EMB can therefore respond flexibly to all the demands a customer may have in relation to a coating.



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As a result, technicians have a trusted range of high-quality hydraulic fittings at their disposal with an optimal cost-benefit ratio and without any need for changes to the assembly technology.

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Gates is a global industrial company active in a variety of fields. The products and services developed by Gates facilitate forward-looking solutions in the fields of power transmission and fluid transfer that allow a reduction in the total costs of a wide range of applications. Customers in five important end market segments benefit from our products and services: the energy and mining industry, construction machinery and agricultural technology, transportation, the automotive industry, and mechanical engineering and special applications. As a leading engineering company that has always focused heavily on research and development, Gates has committed itself to the goal of furthering the science of movement by means of its reliable, future-oriented products, services, systems and solutions as well as by establishing long-standing relationships with customers and employees.

If something moves you, Gates is probably involved
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