

## Opening and closing – with specialty hinges from Ganter

From simple hinges for welding on to multi-joint hinges with complex kinematics, the Ganter selection has everything needed for superior door and flap solutions – including extra functions.

You might think that when it comes to opening and closing, all the possibilities of hinges have already been exhausted. Not even close. Ganter regularly succeeds in making further improvements to hinges, adding practical extra features or creating designs for very particular niche applications.

For heavy duty applications, for example, try hinge GN 237.3, a compact, heavy duty hinge of Stainless Steel. With a 180° range of motion, these hinges can stand up to even high dynamic wear – regardless of the mounting orientation – thanks to special shim washers. Depending on the selected type, the hinge bands also have centering extensions that ensure a tighter fit – preventing sliding and eliminating the transverse forces that otherwise place extremely heavy loads on the screws. The hinge pin is secured against loss by a recess and supplied with lifetime lubrication. An asymmetrical band arrangement and the associated possibility of a third fastening hole proves its value especially when mounted in areas with lower material cross-sections.

The hinge series GN 235, on the other hand, can be mounted with cylinder head screws and – thanks to the offset axis – still swivels by 180° without collision. Horizontal and vertical slots simplify adjustment, and the hole pattern corresponds to existing hole arrangements, making it easier to replace existing hinges.



Hinges from Ganter

Additional functionality is offered by hinges with variable friction, and in another Ganter-Norm part, an integrated spring ensures independent return of the hinge. This special product range, which also includes integrated damping, indexing and locking functions, is being continually expanded by Ganter.

One kinematic highlight is already available from Ganter: the multiple-joint hinge with 4x, 7x or 10x joint mechanism, which opens flaps and shifts their position at the same time. 180° is also standard here, and the internal installation once again makes use of slots.

With its design hinges GN 138, Ganter offers solutions for appearance-sensitive applications: the closed hinge body of die-cast zinc hides the fastening screws and is available in various sizes – soon also in Stainless Steel.

You can find more information at:

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

**Contact:** Axel Weber

**Tel.** +49 7723 6507-226

**Mail** [axel.weber@ganternorm.com](mailto:axel.weber@ganternorm.com)