

## Plug and lift



**The new GN 1130 ball-type lifting pins make the handling of machine elements, production tools, heavy workpieces and other parts easier, quicker and safer.**

Plug and lift – that's how easy it is to move heavy loads with the new Elesa-Ganter GN 1130 ball-type lifting pin. All the self-securing lifting pins need is an appropriately dimensioned bore hole in the building member or a GN 1132 holding bush which is turned in permanently or, if required, countersunk. Complex interfaces and voluminous elements attached to the building member such as eye bolts or welded lugs can so be avoided.

Together with the lifting straps, chains or ropes attached to the drop-forged shackle of the lifting pin, this creates a highly compact lifting unit for the quick and time-saving slinging of loads to be lifted.

The mode of function of the ball-type lifting pin is as easy as it is safe: turned into the bore hole or inserted into the compatible holding bush, the locking balls lock the pin and prevent pullout. Pressing the red button secured with a bar will unlock the locking balls and allow the lifting pin to be removed at once. With the appropriate dimensions, the lifting pins are capable of carrying loads of as much as 480 kilograms, with a five-fold safety factor given against breakage. The shackle turning by 180 degrees, and the lifting pin itself rotating in the holding bush by 360 degrees, guarantee the proper alignment of the direction of tension under load.

The lifting pins are either made of manganese-phosphated steel or stainless steel and are therefore corrosion-resistant. Thanks to the all-metal construction, the lifting pins can be fully loaded even at temperatures as high as 250°C. Next to the RoHS conformity, the lifting pins and the holding bushes are CE certified and TÜV tested.

The use of ball-type lifting pins is particularly advantageous in cases where elements need to be lifted or relocated often in order to keep setting-up times and hence the handling costs of workpieces, fixtures and tools to a minimum.

Find out more at [www.elesa-ganter.com](http://www.elesa-ganter.com)

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