

Mounting clamps with high retaining power

New to Elesa+Ganter's wide product range of standard machine elements: Mounting clamps with swivel ball joint for precise adjustments with high stop torque for low torque power as well as the option of customer-specific adaptations.

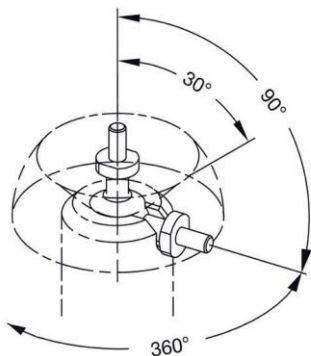
For some time Elesa+Ganter has offered axial ball joints under standard GN 782 that are particularly suitable for smaller installation spaces. These joints can be mounted with a knurled union nut if a lower stop torque is required, while a higher stop torque can be achieved with an open ended wrench. Elesa+Ganter has now introduced the GN 784 mounting clamp with swivel ball joint series for applications which require a higher stop torque while.

The new mounting clamp provides a larger rotating range of 360° around the vertical axis, thereby $\pm 90^\circ$ of the position predetermined by the swivel ball joint and $\pm 30^\circ$ of tilt angle in every position. The joint is therefore ideal for the adjustable assembly of cameras, lighting objects, air nozzles, monitors or scanners.

The swivel ball joint mounting is as easy as it is ingenious: a screw with a cone tip which is operated through an adjustable hand lever or with an internal hexagon moves the casing downwards and presses the ball into the pan-shaped base element. The high effectiveness of the clamping mechanism allows for high retaining powers to be achieved on the ball with a small tightening torque. In addition, the combination of the material surfaces between the ball and casing (aluminum, black – anodized) contributes to high friction within the fixed joint. For clamping with infrequent adjustment the hand lever can be omitted and the internal hexagon threaded stud option used instead. GN 784 mounting clamps come in four sizes, with the ball joint available in a tapped thread or threaded stud type version. Customer-specific swivel ball joint connections can be supplied economically even in comparatively small unit quantities.

The mounting clamp housing itself can either be attached from below via the female thread or via the GN 784.1 accessory flange, which enables assembly from above through three drill holes. An integrated tapered groove pin prevents the joint from rotating.

Find out more at www.elesa-ganter.in



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