

Press Release

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Reliable pneumatic fastening clamps with high clamping force and low compressed air consumption

Improving production by reducing footprints and maintaining high levels of reliability is a demand on the agenda in many companies across several industries.

Pneumatic fastening clamps are characterised by high clamping force, reduced dimensions, low compressed air consumption and low weight. They are ideal for clamping all mechanical components on duty.

This new range has just been added to the new catalogue Elessa, browsable online at elessa.com website, in addition to the "Elessa standards" and to the numerous new product lines accounting for over 1.200 series divided into 18 groups, for a total of over 45.000 articles always in stock.

The new **pneumatic fastening clamps** are made of black-oxide steel and are accompanied by their standard accessories, essential for their correct use. They are particularly applicable in industrial applications where it's necessary to clamp a workpiece. Pneumatic fastening clamps exercise a clamping force on the workpiece in order to secure it.

The range presents **three different versions**: **BL pneumatic fastening clamp** with arm rotating movement and locking for side locking; **BC pneumatic fastening clamp** with arm rotating movement and locking for axial locking with central fixing; **BI pneumatic fastening clamp** with arm rotating movement and locking for axial locking.

The pneumatic cylinder is available in different diameters: 20, 32, 40 or 50 mm. Depending on the diameter chosen, the fastening clamp can exercise a force range between 120 daN and 950 daN.

The high clamping force is generated by a sophisticated geometry of the mechanical components that guarantee minimal wear over the years (pneumatic fastening clamps are **guaranteed for 20 million cycles, about 7 years of operation**) and secure fastening of the workpiece even when there is lack of compressed air.

The wide range of **standard accessories**, necessary for the correct use of the pneumatic fastening clamps, is a one of a kind solution: several shaped brackets for clamping screws; jaw blocks (Y, I, long and low); clamping screws; shim kits; proximity switches; cables with connector; centring bushings; mounting brackets and rear protections. They are all available as standard accessories.



Pneumatic fastening clamps with a selection of their standard accessories available on elessa.com



The complete range of standard accessories for the new pneumatic fastening clamps.

Press Box

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The **calibration of pneumatic fastening clamps and their standard accessories** is easy, quick and doesn't require the use of particular instruments.

In order to learn more about the new pneumatic fastening clamps and their standard accessories, watch the video presenting the [range](#) and the [calibration](#) on the official Elesa YouTube channel.

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