Markgröningen, 21.11.2019

**Clamping technology from norelem: Precision three-jaw chuck**

Users profit from highest precision with a low clamping force

**Workpieces can be easily held externally or internally with this new precision three-jaw chuck from norelem. They were specially developed for applications that require high precision with low clamping forces. This makes them ideal for holding tasks in e.g. measuring technology or laser labelling.**

With a concentricity of < 0.03 mm, a circular runout of < 0.01 mm and a repeat clamping precision of < 0.01 mm, the new [precision three-jaw chuck](https://www.norelem.co.uk/gb/en/Products/Product-overview/Measuring-and-testing-components/33000-Standard-inspection-and-test-fixture-elements/33226-Precision-three-jaw-chuck-manual-operation.html) from norelem offers excellent values. They are available in four sizes with diameters of 50 mm, 64 mm, 104 mm and 160 mm. The compact design and the use of aluminium for the bodies of the 104 mm and 160 mm sizes make them light and ergonomic. The bodies of the 50 mm and 64 mm chucks are made from steel. The jaws of all sizes are made from hardened steel.

The jaws are moved and tightened by simply turning the clamping ring by by hand or using the supplied lever. The hardened jaws are stepped ID jaws that can be reversed. The jaw number is marked on the top and bottom of each jaw and this number must match the number marked on the matching slot on the chuck body.

norelem also supplies different sized pins as an accessory to these chucks. The pins fit into the holes on the top faces of the jaws and are for holding small parts in a raised position. This makes all faces of a workpiece accessible for e.g. measuring or marking. The chuck can be fixed in place using the thread on the rear side.

Characters including spaces: 1.566

**Brief profile of norelem Normelemente KG**

Every success story begins with an idea. This is why norelem supports engineers, designers and technicians in achieving their targets in machine and plant construction. The correct choice from our full range of more than 45,000 standard and operating parts can be found quickly and easily in THE BIG GREEN BOOK, norelem's unique and user-friendly product catalogue.

You win time, work more efficiently and optimise your process costs. Because norelem components are available immediately, including free CAD data for quicker designing without drawing or configuration. Perfect results with less time and cost. Advantage: Standard parts.

As an established industry insider, we are committed to promoting young talent with the norelem ACADEMY. So that tomorrow's designers can get off to a good start.

Characters including spaces: 799