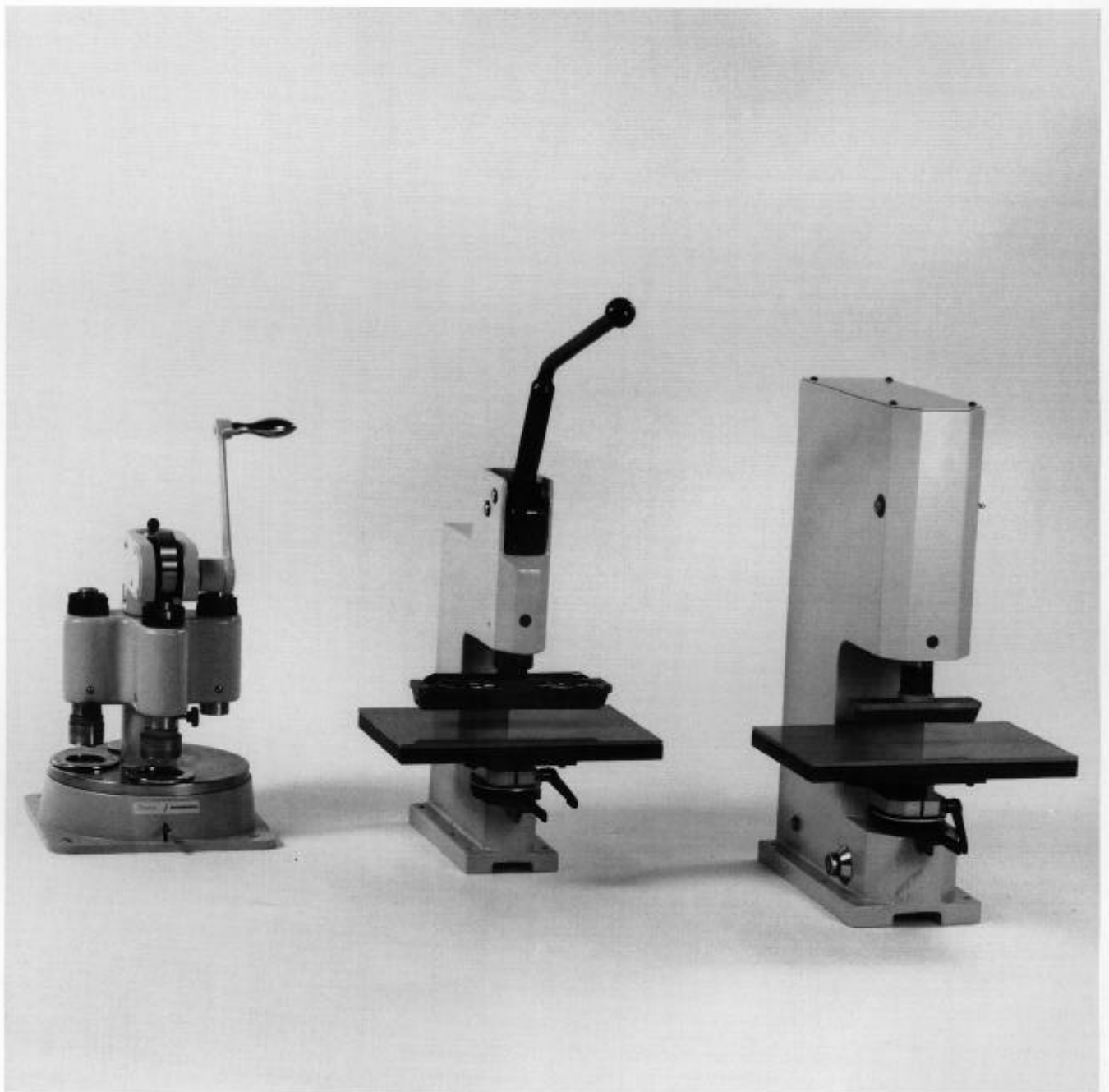


Zwick

Materials Testing

Product-Information
Zwick 7101, 7104, 7108
Test specimen - Cutting presses



From left to right: Cutting presses Zwick 7101, 7104, 7108

Zwick 7101, 7104, 7108 Test specimen - Cutting presses

Preparation of test specimen

Quality and use of test results are only as good as the specimen tested. Specimen are cut out of materials with a hardness <85 Shore A (according to DIN 53505), such as rubber, foams, paper, foils and various plastics.

We differ essentially between strip, dumbbells, round and special shaped specimen.

Up to now, Zwick has processed and supplied approx. 1000 different shapes of cutting dies which correspond to standard specifications or to special requests from customers. Many of them are on stock, all others can be supplied within a short period of time.

A cutting die consists of a knife, an ejector and a holder. The knife is made of special steel in one piece. This procedure guarantees an outstanding accuracy with regards to dimensions, shape and longevity.

The ejector puts the test piece on the table of the cutting press; thereby, avoiding risk of injury to the operator, or damage to the knives.

The mounting dimensions of the holders are all identical, so that all cutting dies can be used with all cutting presses.

Cutting presses

The Zwick 7101 cutting press is operated manually via an eccentric lever. The cutting press is built for mounting up to 4 cutting dies simultaneously. Ring centering templates for round specimen are part of the standard equipment. The Zwick 7101 cutting press is therefore suitable for stamping out rings.

The Zwick 7104 cutting press is a manually operated toggle joint press for accepting one cutting die.

The Zwick 7108 pneumatic cutting press is operated pneumatically and permits a greater cutting force. This press is equipped with a two-handed control together with safety system, and a mounting for one cutting die.

Technical Data:	Zwick 7101	Zwick 7104	Zwick 7108
Cutting force:	max. 5 kN	15 kN	35 kN
Push-rod stroke:	25 mm	30 mm	30 mm
Max. distance between cutting table and push-rod:	65 mm	70 mm	70 mm
Adjustability of the push-rod stroke:	12 mm	-	-
Elevation adjustment of the table:	-	70 mm	70 mm
Projection:	46 mm	110 mm	110 mm
Cutting table:	swivelling	350 x 215 mm	350 x 215 mm
Compressed air supply:	-	-	6 bar
Net weight:	40 kg	35 kg	75 kg
Gross weight:	50 kg	45 kg	90 kg

Please see the technical description for more detailed technical data.
This information is subject to change.

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We reserve the right to make changes. All information describes our products in a general way. They do not represent a guarantee of characteristics as meant by § 459, par. 2, BGB (Federal German Law) and therefore give no reason for liability.