

BT ER tool holders

Start with the machine interface, then choose the ER series and catalog length. The rows below reproduce the listed BT30, BT40 and BT50 options; they are not an availability list.

Catalog dimensions (mm)

Holder family	Listed L1 options	D1	D
BT30-ER25	70 / 135	42	31.75
BT30-ER32	70 / 100	50	31.75
BT30-ER40	80	63	31.75
BT40-ER25	70 / 100 / 125 / 150	42	44.45
BT40-ER32	70 / 100 / 150	50	44.45
BT40-ER40	80 / 100 / 120 / 150	63	44.45
BT50-ER25	70 / 105 / 135 / 165	42	69.85
BT50-ER32	80 / 100 / 120 / 150 / 200	50	69.85
BT50-ER40	80 / 100 / 120 / 135 / 150	63	69.85

Read the code: BT40-ER32-100

BT40 identifies the machine connection; **ER32** identifies the collet system; **100** is the catalog L1 selection. For BT40-ER32, the listed L1 options are 70, 100 and 150 mm.

Before ordering

Confirm the machine model, pull-stud requirement, tool-shank diameter, required reach and clearance. State whether the quotation should include the nut, individual collets, wrench or pull stud.

L1, D1 and D retain the source-table labels. Ask for a drawing to confirm measurement faces and clearance. No speed, balance or runout rating is established by this table.

Source: company product manual, printed pages 1-2; table checked 17 Sep 2026. Selection reference, not a certified drawing, stock list or performance rating. Confirm the exact model and supplied components before ordering.

<https://furuitooling.com/product/bt-er-collet-holders/>

kevin@furuitooling.com

WhatsApp +86 151 5413 2030

ER collets: choose the bore

An ER tool holder and an ER collet are different items. Match the collet series to the holder system, then specify the cutting-tool shank diameter.

Catalog bore coverage by series (mm)

ER series	Combined catalog bore range
ER8	0.5-5
ER11	0.5-7
ER16	0.5-10
ER20	1.0-13
ER25	1.0-16.0
ER32	2.0-20.0
ER40	3.0-26.0

A family range is not one collet's capacity

For example, **ER32: 2.0-20.0 mm** describes the combined bore coverage of the series. It does not mean one ER32 collet clamps every diameter in that range. Confirm the marking and permitted clamping range of the individual collet selected for your tool.

Ordering example: a 10 mm shank in an ER32 holder

Request an **ER32 collet for a 10 mm tool shank**, state the quantity, and identify the holder and nut. For a set, list the required individual bore sizes instead of assuming that every size is included.

What this table does not specify

Collet outer diameter, overall length, individual size increments, runout class, torque and current stock are not given here. Ask for the exact part drawing and confirmed specifications where these affect your application.

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