

GT holder or GT chuck?

Specify both sides of the assembly.

The BT holder is the machine-side component. The GT chuck is the separate tool-side component that receives the tap. Identify the machine interface, holder code and individual chuck models before comparing quotations.

01 / BT40 and BT50 holder models

Holder code	Tap range	d	L1	D	Chuck family
BT40-G3-90	M3-M12	19	90	46	GT3-M
BT40-G12-135	M12-M24	30	135	66	GT12-M
BT50-G3-90	M3-M12	19	90	46	GT3-M
BT50-G12-135	M12-M24	30	135	66	GT12-M

Dimensions d, L1 and D are in millimeters and retain the source drawing labels. L1 is a holder-length field, not a published compensation stroke. The listed tap range does not confirm suitability for every material or tapping cycle.

02 / Why an M12 request needs another check

M12 appears in both holder ranges and both chuck families. GT3-12 and GT12-12 both list d = 9.1 mm, but their D1 dimensions are 19 and 30 mm respectively. Matching the tap designation or the listed d alone does not establish a holder-to-chuck fit.

For a BT40 machine	Listed holder pairing	M12 chuck to review
G3 holder family	BT40-G3-90 / GT3-M	GT3-12
G12 holder family	BT40-G12-135 / GT12-M	GT12-12

Confirm the complete mating drawing, tap shank and drive square. These pairings identify catalog families; they are not a cross-brand interchangeability approval or a guarantee that a chuck is included with the holder.

03 / Keep four requirements separate

Machine: spindle and tapping cycle. **Holder:** code and required axial behavior. **Chuck:** family, tap fit and quantity. **Tap:** thread, shank, square and hole conditions. Use the worksheet on page 3 to collect the missing information.

[Live BT GT holder table](#) | [Tap-holder selection guide](#)

Individual GT chuck models

The 14 rows below are individual catalog entries, not one continuously adjustable chuck. M denotes the nominal tap thread size; the table does not specify pitch or drive-square dimensions.

Model	Tap M	Listed d	D	D1	L	L1
GT3-3	3	3.25	38	19	33.7	56
GT3-4	4	4.1	38	19	33.7	56
GT3-5	5	5.1	38	19	33.7	56
GT3-6	6	6.4	38	19	33.7	56
GT3-8	8	6.4	38	19	33.7	56
GT3-10	10	8.1	38	19	33.7	56
GT3-12	12	9.1	38	19	33.7	56
GT12-12	12	9.1	58	30	51.7	82
GT12-14	14	11.3	58	30	51.7	82
GT12-16	16	12.6	58	30	51.7	82
GT12-18	18	14.1	58	30	51.7	82
GT12-20	20	14.1	58	30	51.7	82
GT12-22	22	16.1	58	30	51.7	82
GT12-24	24	18.1	58	30	51.7	82

Reading the table

Dimensions d, D, D1, L and L1 are in millimeters. The website identifies d as the tap-shank reference. Check the actual tap standard and mating drawing, including the driving square, rather than treating the listed number as an acceptance tolerance.

A model ending in -12 does not make GT3-12 and GT12-12 interchangeable. The GT3 rows share D1 = 19 mm; GT12 rows share D1 = 30 mm. The different D, L and L1 values also affect the assembly envelope.

[Open the current GT3 / GT12 chuck table](#)

Source and limits: transcribed from the four BT GT holder rows and fourteen individual GT chuck rows on the linked FuRui product pages, checked 27 September 2026. These catalog references do not establish compensation travel, torque limiting, RPM, coolant pressure, stock or final inspection tolerances. Confirm the supplied configuration and approved drawing in the quotation.

Tap-holder inquiry worksheet

Print and complete, or use these fields in your email. This worksheet is an inquiry brief, not an order confirmation or a machining instruction.

Company / contact / email

Machine make and model / spindle interface / retention details

Tapping cycle / required axial compensation / coolant requirement

Holder code / existing chuck code / replacement part or complete assembly

Tap thread standard, size, pitch and hand / tap shank / drive-square dimensions

Workpiece material / through or blind hole / full-thread depth / drilled-hole depth

Required chuck models and quantity for each / holder quantity / included accessories

Drawing revision / inspection requirements / destination / requested delivery date

Attach if available: machine tapping-cycle information, tap drawing, holder and chuck markings, and a setup sketch showing reach and clearance. Do not dismantle equipment contrary to its operating instructions.

Send to: kevin@furuitooling.com | WhatsApp: +86 151 5413 2030

[Open the website inquiry form](#) | [Compare complete quick-change sets](#)