

Shefcut[®] tool holders

Cogsdill offers **floating holders** and **adjustable holders**, designed for maximum trouble-free Shefcut[®] tool performance. Shefcut tools can also be used in any industry-standard precision CNC tool holder.

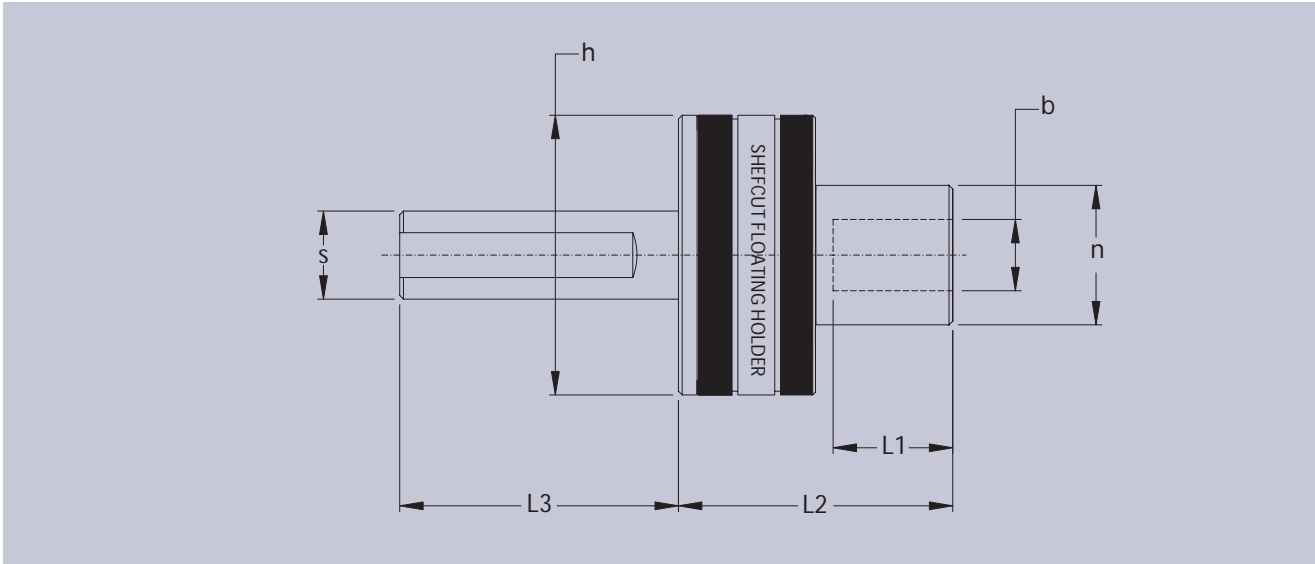
Floating tool holders

Cogsdill floating holders are designed to compensate with radial and angular float for misalignment between workpiece, tool, and spindle. Our floating holder is designed primarily for turning-type applications where the tool is stationary, such as on automatic lathes and CNC turning machines. The holder corrects for misalignment between the prebore of the workpiece and the machine turret into which the tool is mounted.

Our floating holder is self-centering, and the centering load is adjustable. The holder can be used with or without internal coolant.



Floating tool holders



TOOL HOLDER	SHANK DIA (s)	BORE DIA (b)	BORE DEPTH (L1)	PROJECTION (L2)	SHANK LENGTH (L3)	BODY DIA (h)	NOSE DIA (n)
WR-FH-2025	25.00 mm	20.00 mm	50.00 mm	75.00 mm	76.00 mm	76.20 mm	38.00 mm
WR-FH-075010	1.000 inch	0.750 inch	1.969 inch	2.953 inch	2.992 inch	3.000 inch	1.496 inch

NOTE: ALL DIMENSIONS NOTED ARE NOMINAL SIZE.

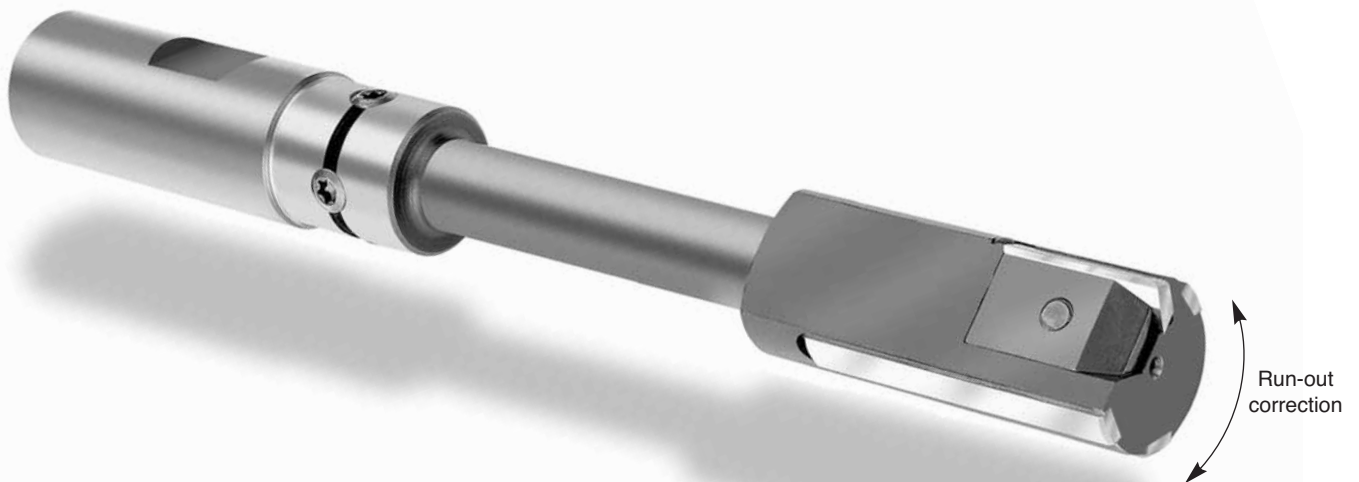
Adjustable tool holders

Cogsdill offers special adjustable holders for Shefcut tools, available with virtually all types of machine spindle connections including HSK, CAT/ANSI and BT. The holders feature an adjustable flange that allows precise movements in both axial and radial directions. The reamer may be designed with an integral flange to connect to the holder flange, or with a straight shank that fits into a precision collet holder with adjustable elements. Concentricity of 3 microns (0.0001 in.) or less can be easily achieved. Recommended for boring holes to close tolerances and for length-to-diameter ratios greater than 4:1.



Easy-True™

A Shefcut design option called “Easy-True” features four cone-head torque screws located around the circumference of the tool body. Adjustment of the screws allows fast and easy elimination of cutting edge run-out. Will correct for tool run-out as much as 0.05–0.08mm (.002-.003 in.). Enables the user to guarantee concentricity when using Shefcut reamers in industry-standard side-lock holders. Suitable for standard tools with straight shanks.



Shefcut “Easy-True” adjustment feature eliminates run-out.