

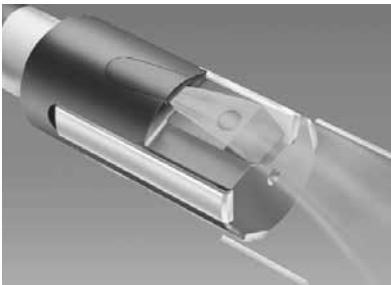
# Shefcut World Reamer® series

The Shefcut World Reamer® program includes tools of a standard design suited for precision reaming applications. The World Reamer features a rigid blade-clamping system offering the greatest possible amount of chip clearance for maximum tool performance. The tools are available for popular hole sizes, both metric and inch. They are offered in two lengths, with through-hole or blind-bore internal coolant, or external flood coolant. Tools with cermet pads are available on request for ferrous material applications.

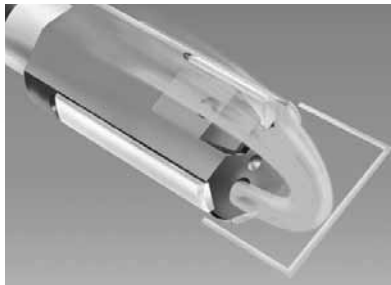
World Reamers are available on a quick delivery basis.

Blanks are stocked and tools are built to order to suit a specific cut diameter.

## Internal coolant options

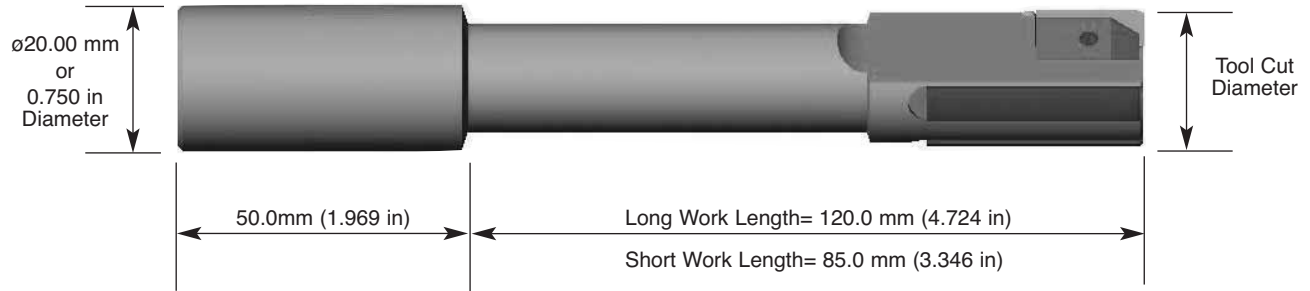


For **through-hole** tools with internal coolant, the coolant flows through the center of the tool and exits above the blade and pads, flushing chips out of the bore ahead of the tool.



For **blind-bore** tools with internal coolant, the coolant exits at the end of the cutting head, flushing the chips back and out of the entrance of the blind bore.

## Shefcut® World Reamer series



**Note: ø8.0 to ø11.1 mm tools are available as standard only in 85.0 mm work length**

TOOL CUT DIAMETER			ADJUSTING SCREW			
NOMINAL SIZE	DIAMETER RANGE*					
	MM	INCH				
8.0	7.9/8.1	.311/.319	GO	WR-GO	2.5 x .45 x 4.0 LG	2 x .4 x 4.0 LG (2 Required)
9.5	9.4/9.6	.370/.378	G19	WR-G19	2.5 x .45 x 4.0 LG	2.5 x .45 x 4.5 LG (2 Required)
10.0	9.9/10.1	.390/.398	G19	WR-G19	2.5 x .45 x 4.0 LG	2.5 x .45 x 5.0 LG (2 Required)
11.1	11.0/11.2	.433/.441	G19	WR-G19	2.5 x .45 x 4.0 LG	2.5 x .45 x 5.0 LG (2 Required)
12.0	11.85/12.15	.467/.478	G19	WR-G19	2.5 x .45 x 4.0 LG	2.5 x .45 x 5.0 LG (2 Required)
12.7	12.55/12.85	.494/.506	G29	WR-G29	3 x .5 x 6.0 LG	2.5 x .45 x 7.0 LG (2 Required)
14.0	13.85/14.15	.545/.557	G29	WR-G29	3 x .5 x 6.0 LG	2.5 x .45 x 7.0 LG (2 Required)
14.3	14.15/14.45	.557/.569	G29	WR-G29	3 x .5 x 6.0 LG	2.5 x .45 x 7.0 LG (2 Required)
16.0	15.85/16.15	.624/.636	G39	WR-G39	3 x .5 x 6.0 LG	4 x .7 x 8.0 LG
17.0	16.85/17.15	.663/.675	G39	WR-G39	3 x .5 x 6.0 LG	4 x .7 x 8.0 LG
17.4	17.25/17.55	.679/.691	G39	WR-G39	3 x .5 x 6.0 LG	4 x .7 x 8.0 LG
18.0	17.85/18.15	.703/.715	G39	WR-G39	3 x .5 x 6.0 LG	4 x .7 x 8.0 LG
19.0	18.75/19.25	.738/.758	G49	WR-G49	4 x .7 x 7.0 LG	4 x .7 x 10.0 LG
20.0	19.75/20.25	.777/.797	G49	WR-G49	4 x .7 x 7.0 LG	4 x .7 x 10.0 LG
20.6	20.35/20.85	.801/.821	G49	WR-G49	4 x .7 x 7.0 LG	4 x .7 x 10.0 LG
22.2	21.95/22.45	.864/.884	G49	WR-G49	4 x .7 x 7.0 LG	4 x .7 x 10.0 LG
24.0	23.75/24.25	.935/.955	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 14.0 LG
25.0	24.75/25.25	.974/.994	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 14.0 LG
25.4	25.15/25.65	.990/1.010	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 14.0 LG
28.0	27.75/28.25	1.092/1.112	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 16.0 LG
28.5	28.25/28.75	1.112/1.132	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 16.0 LG
30.0	29.75/30.25	1.171/1.191	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 16.0 LG
32.0	31.75/32.25	1.250/1.270	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 16.0 LG
38.1	37.85/38.35	1.490/1.510	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 20.0 LG
40.0	39.75/40.25	1.565/1.585	G49	WR-G49	4 x .7 x 12.0 LG	4 x .7 x 20.0 LG

**\*IMPORTANT:** The diameter range does NOT represent a range of cut diameter adjustability for a given tool. Each tool is built to cut a specific hole diameter, with a limited micro-adjustment range. The diameter range includes sizes that are grouped here for the purpose of specifying common tool dimensions and specifications.