

# WINDOW INDUSTRY CUTTERS

**HSS**  
HIGH SPEED  
STEEL

## SINGLE PIECE HIGH SPEED STEEL TOOLING FOR THE WINDOW INDUSTRY.

**HSSE**  
SUPER HIGH  
SPEED STEEL

- Turned and milled from a single piece.
- Used to rout aluminium and extrusion.
- Super High Speed Steel.
- Cutters are designed to plunge and machine or mill lateral slots. Other tools are designed to drill, mill and countersink slots in both plastic and non-ferrous metal.
- All aluminium cutting tools should be used with a coolant, wax stick or lubricant.
- Material should be securely clamped.



### ROUTER CUTTER GRADES

**HSS**

High Speed Steel

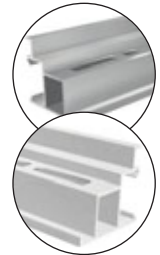
These are made from a single piece of High Speed Steel, ground with a very fine edge. They are only suitable for non-abrasive materials, but will give a superior finish.

**HSSE**

Super High Speed Steel

This is a specially developed grade of High Speed Steel, precision ground to the highest tolerances. HSSE grade cutters are used for specialised applications, typically in the window industry for machining aluminium and uPVC extrusions.

**SUITABLE FOR:**  
Aluminium & uPVC Extrusion



## PLUNGE SLOTING / ROUTING UP-CUT HELICAL FOR ALUMINIUM AND UPVC

Single flute helical for drilling and slotting, cutting aluminium, anodised duralium and uPVC plastic. Ideal for recessing and slotting extrusions. HSSE is a special grade for machining the most abrasive anodised finishes.

Refs. 50/15 to 50/23 & 50/52 have narrow necks for deep entry into second web of extrusions.



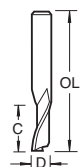
Ref.  
50/08

⚠  
10,000 - 12,000

**HSSE**

### SINGLE FLUTE UP-CUT HELICAL

D mm	C mm	OL mm	Product Ref.	Shank Diameter		
				1/4"	8mm	10mm
3.0	12.0	60.0	50/03	£23.69	£20.90	-
4.0	12.0	60.0	50/04	-	£21.57	-
5.0	12.0	60.0	50/05	£23.69	£19.46	-
5.0	14.0	120.0	50/50	-	£31.36	-
5.0	18.0	60.0	50/25	-	£22.23	-
5.0	35.0	80.0	50/26	-	£45.25	-
5.0	40.0	100.0	50/27	-	£49.38	-
6.0	14.0	60.0	50/06	£26.47	£21.57	-
7.0	14.0	60.0	50/07	-	£23.69	-
8.0	14.0	80.0	50/08	£23.69	£19.46	-
8.0	14.0	120.0	50/51	-	£31.96	-
9.0	14.0	80.0	50/09	-	£26.47	-
10.0	14.0	80.0	50/10	£32.03	£26.47	-
10.0	14.0	120.0	50/14	-	-	£40.10



Ref.  
50/19

Plunge slotting on a  
CNC machine.

⚠  
10,000 - 12,000

**HSSE**

### SINGLE FLUTE UP-CUT HELICAL WITH NARROW NECK

D mm	C mm	C2 mm	OL mm	Product Ref.	Shank Diameter	
					1/4"	8mm
4.0	16.0	45.0	90.0	50/15	-	£33.34
5.0	16.0	35.0	80.0	50/19	£32.02	£29.90
5.0	16.0	45.0	90.0	50/17	-	£33.34
6.0	14.0	34.0	80.0	50/52	-	£29.90
8.0	14.0	54.0	80.0	50/18	-	£31.36
8.0	14.0	68.0	100.0	50/20	-	£55.02

