

## Universal Countersink

- This TCT countersink clamps onto any drill between 3mm and 7.2mm in diameter.
- Recommended for wood and man-made boards.
- By reversing the countersink on the drill, it can be used as a non-cutting depth stop.
- ▲ Ensure flutes of drill are aligned with flutes of countersink.
- ▲ Do not overtighten screw.
- ▲ Not suitable for production applications and not suitable for ferrous and non-ferrous metals.

Can be flipped 180° to act as a depth stop

Fully adjustable from 3mm to 7.2mm

TCT tipped for long life

The drill passes through the body of the countersink and is secured by two hex screws which clamp the countersink onto the drill at the required position.

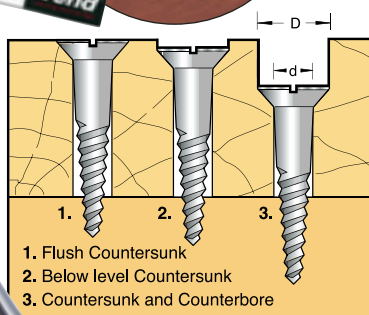


Drill bit not included

Description	Order Ref.	TC
Universal Countersink	UNI/CS	£20.50
Spare parts Hex key and two screws	SP-0	£1.00

Chart showing recommended drill and screw sizes

For wood screw			For machine screw		
Screw gauge	Drill size (clear hole) inch	C/bore (resulting) inch	Screw size mm	Drill size (clear hole) mm	C/bore (resulting) mm
No.4 & 5	1/8	7/16	M2.5	3	11
No.6 & 7	5/32	31/64	M3	3.5	11.5
No.8 & 9	3/16	33/64	M3.5	4	12.1
No.10	7/32	17/32	M4	4.5	12.9
No.12 & 14	1/4	9/16	M4.5	5	13.1
No.16	9/32	39/64	M5	5.5	13.5
-	-	-	M5.5	6	14.1
-	-	-	M6	6.5	14.5
-	-	-	M7	7.2	15.3



1. Flush Countersink
2. Below level Countersink
3. Countersunk and Counterbore

## Shell Countersink 90°

- These countersinks, produced from best grade carbon steel, leave a clean cut finish by virtue of their multi-tooth deep ground gullets.
- Fit metric drills from 3mm to 12mm inclusive.
- Not suitable for abrasive materials or metal.

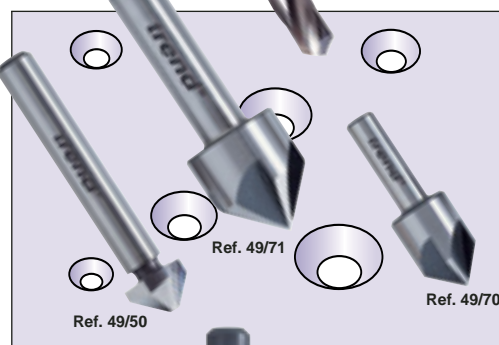
Min. 3mm Max. 12mm

Drill bit not included

Spare hex key & screw	d mm	D mm	Order Ref.	WS
SP-K	3	16	620/3	£8.50
SP-K	4	16	620/4	£8.50
SP-K	5	16	620/5	£8.50
SP-K	6	16	620/6	£11.00
SP-K	7	16	620/7	£10.00
SP-K	8	16	620/8	£12.50
SP-K	9	20	620/9	£15.00
SP-P	10	20	620/10	£15.00
SP-P	11	20	620/11	£15.00
SP-P	12	20	620/12	£15.00
<b>Price</b>				
£0.50 (each)				

## Rose 90° Countersinks

- These countersinks are produced in HSS and should not be confused with carbon steel types.
- They are designed for countersinking mild steel, iron and plastics.
- Ref. 49/50 is made from special grade HSS and can be used at high speeds (up to 10,000 RPM). It is popular for countersinking aluminium alloy.



D C'sink mm	No. of flutes	Order Ref.	HSS shank dia.	
			1/4"	10mm
12.5	5	49/70	£12.00	-
20	5	49/71	-	£20.50
12.7	3	49/50	SUPER HSS shank dia.	
			1/4"	8mm
			£25.50	£25.50

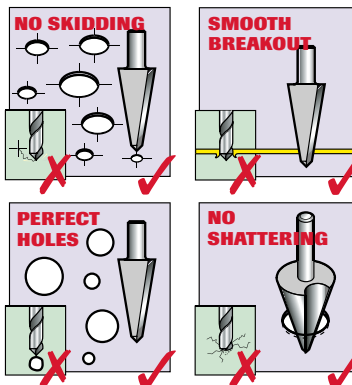
## Enlarging Tools

- For use in power drills and stationary drilling machines.
- The taper drills are for producing holes in thin materials up to 2mm thick.
- For sheet plastics, mild steel, aluminium and enlarging holes in wood.
- To drill and enlarge virtually burr free holes of any diameter within range.

Also available with Snappy quick release fitting, see page 183.

1,500

**Drill Lube Cutting Fluid**  
see page 161.  
**Ref. DRILL/500**



Material	Max. thickness of material	
	Ref. 38/0	Ref. 38/1
Plastics	7.5mm	10mm
Steel	1.5mm	2mm
Wood	12mm	20mm
Aluminium	3mm	5mm

C mm	d mm	D mm	Order Ref.	HSS Shank	
				1/4"	3/8"
30	3	14	38/0	£18.50*	-
45	6	20	38/1	-	£26.00

\*Whilst stock last.