

DRILLING TOOLS

Our range of drilling tools include: twist drills, dowel drills, countersinks, counterbores, plug makers, machine bits and forstner bits.

- Grades and sizes are geared to satisfy the demanding needs of the building industry, joinery trades and workshops.
- High quality and performance are the prime considerations in the design of our tooling which is manufactured using the latest technology.



DRILLING TOOL GRADES

HSS High Speed Steel Tooling
Produced entirely in HSS, ground with a very fine edge. Suitable only for non-abrasive materials, but will give a superior finish in soft timbers. Slightly less expensive than TCT, but is more suitable for certain applications i.e. drilling or cutting non-abrasive timbers & plastics.

TCT Tungsten Carbide Tipped Tooling
Tips are brazed onto a steel body. For use with the most abrasive materials and will outlast HSS tooling by many times. Applications include cutting or drilling natural timbers, plywood, medium density fibre board, chipboard and abrasive plastics.

WS Carbon Steel Tooling
Less durable than HSS, WS is extensively used in the production of forstner and countersink tooling for use on natural timbers. Offers a cost effective solution for many applications.

DOMINO BITS

- Two flute spiral slotting tools for use with the Festool® Domino DF500 dowel mortising system.
- Creates pockets for Domino dowels.
- Female threaded shank.
- Double spiral up-cut.
- Tungsten Carbide Tipped for abrasive materials and is ideal for timber and man-made boards.



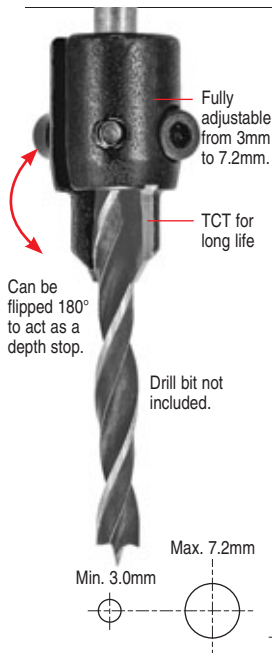
Prod. Ref.	Drill Size	TCT
DOM/04	4mm	£24.94
DOM/05	5mm	£22.81
DOM/06	6mm	£23.34
DOM/08	8mm	£23.88
DOM/10	10mm	£27.06



COUNTERSINKS

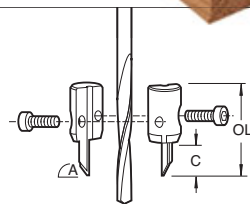
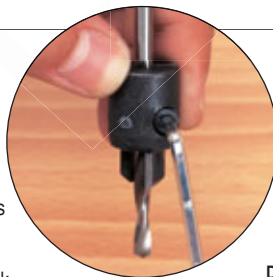
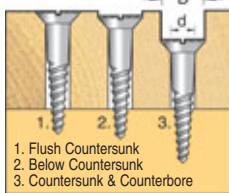
UNIVERSAL COUNTERSINK

- Clamps onto any drill between 3.0mm and 7.2mm in dia.
- Recommended for wood and man-made boards.
- By reversing the countersink on the drill, it can be used as a non-cutting depth stop.
- 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.
- ▲ 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. Not for use with routers.



Screw Sizes:

- No.4 = 3.0mmØ
- No.6 = 3.5mmØ
- No.8 = 4.0mmØ
- No.10 = 5.0mmØ
- No.12 = 5.5mmØ
- No.14 = 6.5mmØ



A Deg.	C mm	OL mm	Product Ref.	TCT
45°	12.0	32.0	UN/CS	£23.69

Chart showing recommended drill and screw sizes

For Wood Screw					For Machine Screw		
Screw Gauge No.	Drill Size (Clear Hole) inch	Drill Size (Clear Hole) mm	C/bore (Resulting) inch	C/bore (Resulting) mm	Screw Size (Clear Hole) mm	Drill Size (Clear Hole) (Resulting) mm	C/bore (Resulting) mm
4 & 5	1/8	3.2	7/16	11.1	M2.5	3.0	11
6 & 7	5/32	3.96	31/64	12.3	M3	3.5	11.5
8 & 9	3/16	4.76	33/64	13.1	M3.5	4.0	12.1
10	7/32	5.55	17/32	13.49	M4	4.5	12.9
12 & 14	1/4	6.35	9/16	14.28	M4.5	5.0	13.1
16	9/32	7.14	39/64	15.47	M5	5.5	13.5
-	-	-	-	-	M5.5	6.0	14.1
-	-	-	-	-	M6	6.5	14.5
-	-	-	-	-	M7	7.2	15.3

SHELL COUNTERSINK 90°

- Produced from best grade carbon steel leaving a clean cut finish by virtue of a multi-tooth deep ground gullet.
 - Fit metric drills from 3.0mm to 12.0mm dia. inclusive.
 - Not suitable for abrasive materials or metal.
- Drill bit not included.



D2 mm	D mm	Product Ref.	WS
3.0	16.0	620/3	£9.51
4.0	16.0	620/4	£9.80
5.0	16.0	620/5	£9.80
6.0	16.0	620/6	£12.59
8.0	20.0	620/8	£13.91

ROSE 90° COUNTERSINKS

- For use in power drills and stationary drill machines only.
 - 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.
- Countersink for Window Industry, see Ref. 49/50 on page 81.



D	C/sink mm	No. of Flutes	Product Ref.	Shank Diameter 1/4" 10mm
12.5	5	5	49/70	£21.57
20.0	5	5	49/71	£30.56

