

**SHOCKWAVE™ IMPACT RATED
1/4" SHANK STEP DRILL BITS**



SHOCKWAVE™
IMPACT DUTY

Our SHOCKWAVE™ Impact Duty Step Bits are engineered to deliver a durable and fast impact step bit hole drilling solution. Our step drill bits are made in the USA with global materials and give you best-in-class performance in impact drivers with the versatility to be used in drills. The 1/4" hex shank has an optimised SHOCKZONE body providing you with a more durable shank, reducing early shank breaks. A Titanium Aluminum Nitride (TiAlN) coating helps reduce heat build-up and deliver up to 5x longer life compared to a standard step drill bit. Additionally, MILWAUKEE's step drill bits Rapid Strike tip and dual spiral flute produce 2x faster holes compared to a standard step drill.

Product Code	Description
48899261	SHOCKWAVE™ Step Drill 4-12mm 9 Hole
48899262	SHOCKWAVE™ Step Drill 4-12mm 5 Hole
48899263	SHOCKWAVE™ Step Drill 4-20mm 9 Hole
48899265	SHOCKWAVE™ Step Drill 4-30mm 10 Hole
48899266	SHOCKWAVE™ Step Drill Set (1) 4-12mm 9 Hole, (1) 4-20mm 9 Hole, (1) 4-30mm 12 Hole

STEP DRILL BITS



MILWAUKEE® Step Drill Bits far surpass the competition. With a single cutting edge design, you will have more control and a cleaner finish. Made of high speed steel, these new step drill bits are durable and designed to drill through most metals. The black oxide finish prevents corrosion and has great capacity to work with drilling lubricants. The new Rapid Strike tip prevents bit walking and allows faster penetration. With laser etched markings that are hard-wearing and a 3-Flat Shank you can be confident while drilling with MILWAUKEE® Step Drill Bits.

Product Code	Description
48899332	Jam-Free Step Drill M6-M32 13 Hole
48899301	Jam-Free Step Drill 4-12mm 9 Hole
48899320	Jam-Free Step Drill 4-20mm 9 Hole
48899335	Jam-Free Step Drill 6-35mm 15 Hole
48899399	Jam-Free Step Drill Set (1) 4-12mm, (1) 4-20mm, (1) 6-35mm

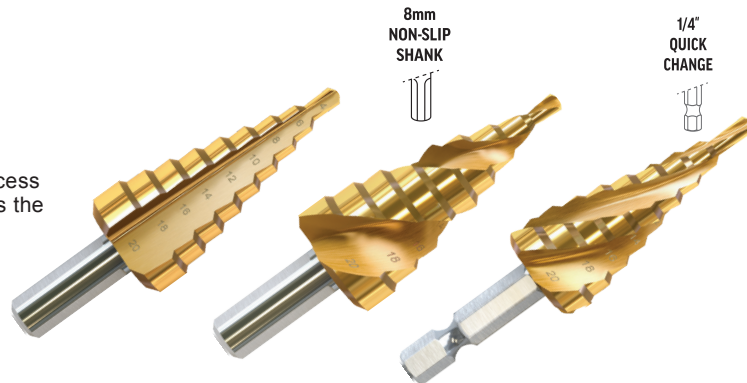
STEP DRILLS **FAST & ACCURATE** **3x LIFE**
Gold Series

Metric: 4 - 12mm, 6 - 36mm & 1/4" - 3/4"
Ideal for: Sheet Metal, Steel & Plastic



VIEW FULL RANGE

- Drills and de-burrs in one process
- Self-starting split point removes the need for a pilot hole



8mm
NON-SLIP
SHANK

1/4"
QUICK
CHANGE



THUNDER MAX **New** **STEP DRILLS**

Metric: 4 - 12mm & 6 - 30mm
Ideal for: Sheet Metal, Steel & Plastic

- 2x Life
- Tempered black finish maximises lubricant hold, assisting chip flow & heat dissipation



Ideal for
cordless drills

8mm
NON-SLIP
SHANK



- General Engineering and Metal Fabrication

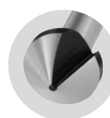


COUNTERSINK HSS

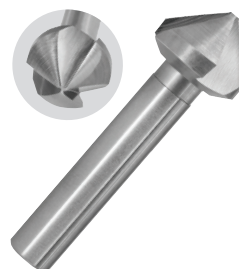
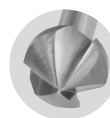
Metric: 6.3 - 40.0mm
Ideal for: Mild steel, aluminium, softwood, plastic, stainless steel

Fully ground
HSS COBALT
for increased strength & longer life

Fully ground
HSS AL
for increased strength & longer life

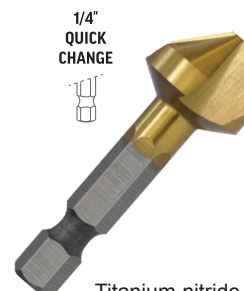


Simple to sharpen by grinding the face of the flute



Fully ground M42 HSS-Co8 increases strength and countersink life

1/4"
QUICK
CHANGE



Titanium nitride coated for increase wear resistance



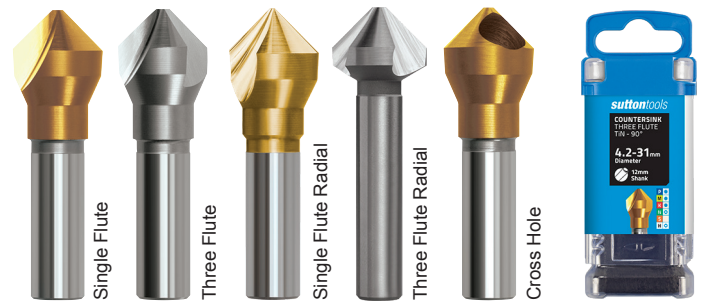
HSS COUNTERSINKS

For deburring, countersinking & chamfering holes. For use in machine applications.

Comes in Single Flute, Single Flute Radial, Three Flute, Three Flute Radial & Cross Hole variations.

Features

- Made from M2 High Speed Steel
- Constant rake angle along entire cutting face
- Axial and radial adjusted relief
- High performance cutting edge
- High dimensional precision



Diameter	Coating	Length	Item #
Single Flute			
1-10	Bright	43	C252 0110
2-14	Bright	48	C252 0214
2-20	Bright	67	C252 0220
3-28	Bright	72	C252 0328
1-10	TiN	43	C253 0110
2-14	TiN	48	C253 0214
2-20	TiN	67	C253 0220
3-28	TiN	72	C253 0328
Three Flute			
2.5-10	Bright	50	C254 0210
3.2-15	Bright	60	C254 0315
3.5-20	Bright	63	C254 0320
4.0-28	Bright	71	C254 0428
4.2-31	Bright	71	C254 0431
SET 4pce			
2.5-10, 3.2-15, 3.5-20, 4.0-28mm	Bright	-	C254 0004
2.5-10	TiN	50	C255 0210
3.2-15	TiN	60	C255 0315
3.5-20	TiN	63	C255 0320
4.0-28	TiN	71	C255 0428
4.2-31	TiN	71	C255 0431
SET 4pce			
2.5-10, 3.2-15, 3.5-20, 4.0-28mm	TiN	-	C255 0004
Single Flute Radial			
1-10	Bright	43	C256 0110
2-14	Bright	48	C256 0214
2-20	Bright	67	C256 0220
3-28	Bright	72	C256 0328
1-10	TiN	43	C257 0110
2-14	TiN	48	C257 0214
2-20	TiN	67	C257 0220
3-28	TiN	72	C257 0328

Diameter	Coating	Length	Item #
Three Flute Radial			
2.5-10	Bright	50	C258 0210
3.2-15	Bright	60	C258 0315
3.5-20	Bright	63	C258 0320
4.0-28	Bright	71	C258 0428
4.2-31	Bright	71	C258 0431
SET 4pce			
2.5-10, 3.2-15, 3.5-20, 4.0-28mm	Bright	-	C258 0004
2.5-10	TiN	50	C259 0210
3.2-15	TiN	60	C259 0315
3.5-20	TiN	63	C259 0320
4.0-28	TiN	71	C259 0428
4.2-31	TiN	71	C259 0431
SET 4pce			
2.5-10, 3.2-15, 3.5-20, 4.0-28mm	TiN	-	C259 0004
Cross Hole			
3-6	Bright	45	C250 0306
4-10	Bright	43	C250 0410
5-13	Bright	48	C250 0513
8-20	Bright	67	C250 0820
14-28	Bright	72	C250 1428
13-37	Bright	89	C250 1437
SET 5pce			
3-6, 4-10, 5-13, 8-20, 14-28mm	Bright	-	C250 0005
3-6	TiN	45	C251 0306
4-10	TiN	43	C251 0410
5-13	TiN	48	C251 0513
8-20	TiN	67	C251 0820
14-28	TiN	72	C251 1428
13-37	TiN	89	C251 1437
SET 5pce			
3-6, 4-10, 5-13, 8-20, 14-28mm	TiN	-	C251 0005

COUNTERSINKS

Made from High Speed Steel for use in steel, tool steel, stainless steel, cast iron, brass and aluminium. Can be used in portable and pedestal drilling machines.

Made from M2 HSS
Offering the best combination of strength, heat and wear resistance



90° Three Flute
Made to DIN335 specifications, for countersinking/counterboring screw holes



107CS0003

Diameter mm	Range Inch	O/A Length mm	Shank mm	Item #	
HSS Countersinks[^]					
6.3	1/4	1.5 – 6.3	45	5	107CS0063
8.3		2.0 – 8.3	50	6	107CS0083
10.4		2.5 – 10.4	50	6	107CS0104
12.4	1/2	2.8 – 12.4	56	8	107CS0124

Diameter mm	Range Inch	O/A Length mm	Shank mm	Item #	
16.5		3.2 – 16.5	60	10	107CS0165
20.5		3.5 – 20.5	63	10	107CS0205
25.0	1	3.8 – 25.0	67	10	107CS0250
3 Pce HSS Countersink Set[^]				8.3, 12.4, 20.5mm	107CS0003

Made from M2 HSS
Offering the best combination of strength, heat and wear resistance



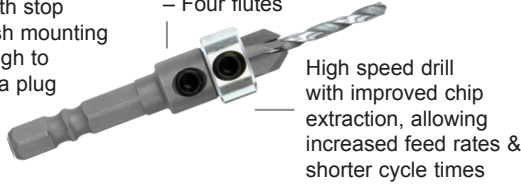
90° Cross Hole
For removing burrs

Diameter mm	Range mm	O/A Length mm	Shank mm	Item #
HSS Countersinks - Deburring Cross Hole				
90° Countersink Angle				
14	5 – 10	48	8	107CD0510
21	10 – 15	65	10	107CD1015
28	15 – 20	84	12	107CD1520

DRILL & COUNTERSINK

Metric: #8, #10, #12 & #14
Ideal for: Steel & Wood
 Adjustable depth stop
 suitable for flush mounting
 and deep enough to
 accommodate a plug

- HSS cutting edge
- 90° Angle
- Four flutes



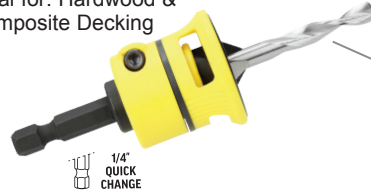
High speed drill
 with improved chip
 extraction, allowing
 increased feed rates &
 shorter cycle times



TCT COUNTERSINK DECKING DRILL & COUNTERSINK

Metric: #8, #10, #12 & #14

Ideal for: Hardwood &
 Composite Decking



Parabolic High Speed
 Steel (HSS) drill bit,
 allows for increased
 feed rates and shorter
 cycle times

QUICKBITS® - TCT CUT-SMART

Quickbits® TCT Cut-Smart 2-in-1 Decking Bit has been designed for perfect controlled drilling and countersinking with the one tool.

For use in timber decking, cement sheet, blue board, plastic and abrasive materials.

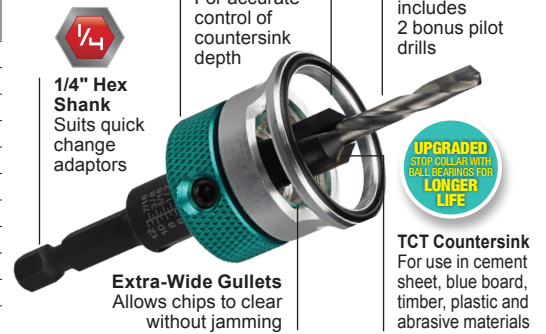


Diameter Inch	mm	O/A Length	Flute Length	Countersink Size	Screw Gauge	Pieces	Item #
TCT Drill Countersinks, 1/4 Inch Shank, 82° Countersink Angle							
1/8	3.18	60	38	9.5	#8	1	107CSC000
9/64	3.57	60	38	9.5	#10	1	107CSC001
5/32	3.97	60	38	9.5	#10	1	107CSC002
3/16†	4.76	60	38	14.8	#12	1	107CSC004
TCT Replacement Drills							
1/8	3.18	60	38		#8	2	107CSD008
9/64	3.57	60	38		#10	2	107CSD009
5/32	3.97	60	38		#10	2	107CSD010
3/16	4.76	60	38		#12	2	107CSD012

Non-Marking Stop Collar
 Prevents tool from marking the workpiece

**Adjustable
 Depth Stop**
 For accurate
 control of
 countersink
 depth

**Removable
 TCT Drill**
 For easy
 replacement,
 each pack
 includes
 2 bonus pilot
 drills



**1/4" Hex
 Shank**
 Suits quick
 change
 adaptors



TCT Countersink
 For use in cement
 sheet, blue board,
 timber, plastic and
 abrasive materials

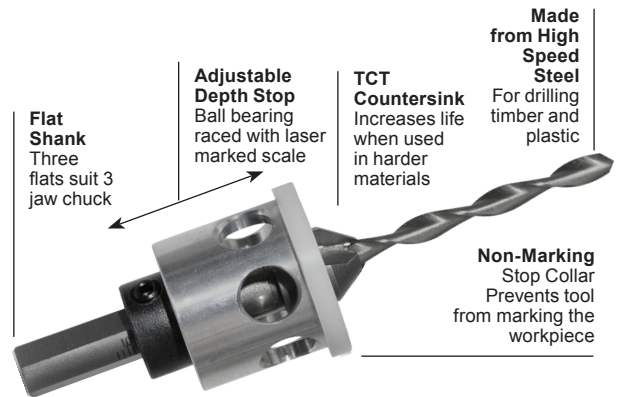
Extra-Wide Gullets
 Allows chips to clear
 without jamming

COUNTERSINKS TCT

Designed for perfect controlled drilling and countersinking, ideal for timber decks and furniture making.



Diameter mm	O/A Length	Flute Length	Screw Gauge	Pieces	Item #
TCT Drill Countersinks 16mm, 82° Countersink Angle, 9.5mm Shank Angle					
3.2	65	35	#8	1	C113 0320
3.5	70	40	#9	1	C113 0350
3.8	75	43	#10	1	C113 0380
4.0	75	50	#12	1	C113 0400
5.0	86	56	Bugle	1	C113 0500
TCT Replacement Drills					
3.2	65	35	#8	5	C112 0320
3.5	70	40	#9	5	C112 0350
3.8	75	43	#10	5	C112 0380
4.0	75	50	#12	5	C112 0400
5.0	86	56	Bugle	5	C112 0500



**Flat
 Shank**
 Three
 flats suit 3
 jaw chuck

**Adjustable
 Depth Stop**
 Ball bearing
 raced with laser
 marked scale

**TCT
 Countersink**
 Increases life
 when used
 in harder
 materials

**Made
 from High
 Speed
 Steel**
 For drilling
 timber and
 plastic

**Non-Marking
 Stop Collar**
 Prevents tool
 from marking the
 workpiece

SMART CHAMFER

Designed to quickly cut external chamfers on the ends of bolts or rods. Internal cutting edge for safe operation. Perfect for fast and safe repairs to damaged bolts, burr removal and threading work. Suitable to cut steel, stainless steel, brass, wood, fibreglass and plastic. Use at low speed.



**1/4" Hex
 Shank**
 Suits impact
 drivers and
 quick change
 adaptors



**High Speed Steel
 Cutting Blades**
 For good wear
 resistance

**For
 3-19mm
 Rods**

**8mm
 Hex
 Shank**
 Fits
 standard
 power
 drills



**Tungsten
 Carbide
 Cutting Blades**
 For good wear
 resistance

**For
 13-35mm
 Rods**



Description	Max. Speed	Shank	Pieces	Item #
High Speed Steel Smart Chamfer. For 3-19mm Rods	400RPM	1/4	1	107DT0319
Tungsten Carbide Smart Chamfer. For 13-35mm Rods	150RPM	8mm	1	107DT1335