

JOBBER DRILL SETS

High Speed Steel

General purpose drill bit designed for machine and hand held drilling in metal, wood and plastic

Titanium Nitride (TiN) Coated Tip

For increased wear resistance delivering 3X longer life. The highest wear is incurred at the drill tip and cutting edges to depths twice the drill diameter.



Drill Sizes	Pieces	Item #
METRIC		
1.5 – 6.5mm x 0.5mm rises plus 3.3 & 4.2mm	13	166044639
1.0 – 10mm x 0.5mm rises	19	166044641
1.0 – 13mm x 0.5mm rises	25	166044642
IMPERIAL		
1/16 – 1/4" x 1/64" rise	13	166044635
1/16 – 3/8" x 1/64" rises	21	166044637
1/16 – 1/2" x 1/64" rises	29	166044638
HSS Bright Drill Set		
Metric Sizes: 1.0 – 6.0 x 0.5mm rises + 3.2, 4.2, 8.0, 10.0, 12.0mm	200	165399200
Imperial Sizes: 5/64 – 7/32 x 1/64" rises + 1/4, 5/16, 3/8, 1/2"		
HSS Drill Set + BONUS Step Drill[^]		
Bright: 2.0–10mm x 0.5mm rises + 3.3, 4.2, 6.8mm	19	149060015
Step Drill: 9 Steps 4, 6, 8, 10, 12, 14, 16, 18, 20mm		
Cobalt: 2.0–10mm x 0.5mm rises + 3.3, 4.2, 6.8mm	19	149060016
Step Drill: 9 Steps 4, 6, 8, 10, 12, 14, 16, 18, 20mm		
HSS Drill Set + BONUS Countersink[^]		
Bright: 2.0–13.0 x 0.5mm rises + 16.5mm Countersink	25	149060004
Blue: 2.0–13.0 x 0.5mm rises + 16.5mm Countersink	25	149060005
Cobalt: 2.0–13.0 x 0.5mm rises + 16.5mm Countersink	25	149060006
HSS TiN Coated Tip Drill Sets[^]		
1.5 – 6.5mm x 0.5mm + 3.3 & 4.2mm	13	150BOWS13
1.0–10.0 x 0.5mm rises	19	150BOWS2M
1.0–13.0 x 0.5mm rises	25	150BOWS3M



166044642



149060006[^]



165399200[^]

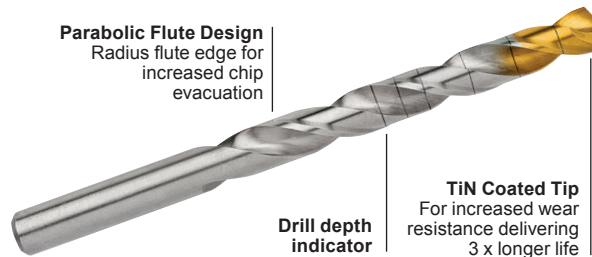


150BOWS3M[^]

JOBBER DRILL – BULK PACK – TiN

Titanium Nitride (TiN) Coated Tip for increased wear resistance delivering 3X longer life. The highest wear is incurred at the drill tip and cutting edges to depths twice the drill diameter.

Parabolic Flute Design
Radius flute edge for increased chip evacuation



135° Split Point
Enables accurate positioning and less drilling pressure

Drill depth indicator

TiN Coated Tip
For increased wear resistance delivering 3 x longer life



METRIC				
Diameter	O/A	Flute	Pack	Item #
mm	Length	Length	Qty	
1.0	34	12	10	166310394
1.5	40	18	10	166310591
2.0	49	24	10	166310787
2.5	57	30	10	166310984
3.0	61	33	10	166311181
3.2	65	36	10	166311260
3.3	65	36	10	166311299
3.5	70	39	10	166311378
4.0	75	43	10	166311575
4.2	75	43	10	166311654
4.3	80	47	10	166311693
4.5	80	47	10	166311772
4.9	86	52	10	166311929
5.0	86	52	10	166311969
5.5	93	57	10	166312165
5.8	93	57	5	166312283
6.0	93	57	5	166312362
6.5	101	63	5	166312559
6.8	109	69	5	166312677
7.0	109	69	5	166312756
7.5	109	69	5	166312953
8.0	117	75	5	166313150
8.5	117	75	5	166313346
8.8	125	81	5	166313465
9.0	125	81	5	166313543
9.5	125	81	5	166313740
10.0	133	87	5	166313937
10.2	133	87	5	166314016
10.3	133	87	5	166314055
10.5	133	87	5	166314139
11.0	142	94	5	166314331
11.5	142	94	5	166314528
12.0	151	101	5	166314724
12.5	151	101	5	166314921
13.0	151	101	5	166315118

IMPERIAL					
Diameter	O/A	Flute	Pack	Item #	
inch	mm	Length	Qty		
1/16	1.59	48	22	10	166410624
5/64	1.98	51	25	10	166410781
3/32	2.38	57	32	10	166410928
7/64	2.78	67	38	10	166411094
1/8	3.18	70	41	10	166411250
9/64	3.57	73	44	10	166411406
5/32	3.97	79	51	10	166411563
11/64	4.37	83	54	10	166411719
3/16	4.76	89	59	10	166411875
13/64	5.16	92	62	10	166412031
7/32	5.56	95	64	10	166412188
15/64	5.95	98	67	5	166412344
1/4	6.35	101	63	5	166412500
17/64	6.75	105	73	5	166412656
9/32	7.14	108	75	5	166412813
19/64	7.54	111	78	5	166412969
5/16	7.94	114	81	5	166413125
21/64	8.33	117	84	5	166413281
11/32	8.73	121	87	5	166413438
23/64	9.13	124	89	5	166413594
3/8	9.52	127	92	5	166413750
25/64	9.92	130	95	5	166413906
13/32	10.32	133	98	5	166414063
27/64	10.72	137	100	5	166414219
7/16	11.11	140	103	5	166414375
29/64	11.51	143	106	5	166414531
15/32	11.91	146	110	5	166414688
31/64	12.30	149	111	5	166414844
1/2	12.70	152	114	5	166415000

DRILL SETS



Silver Bullet Drills
General purpose drill bit designed for machine and hand held drilling in a wide range of ferrous and non-ferrous materials.



Blue Bullet Drills
The blue finish reduces chip build up on the cutting edge and is a better choice when drilling ferrous materials.



Viper Drills
The Viper bit point design is 118° split point is self-centring. It minimises wandering when starting and requires less power when drilling.



Viper Plus Drills
Industrial quality drill bit designed for machine and hand held drilling in stainless steel, steel, aluminium, cast iron, brass, wood and plastic.



INOX Drills
Industrial quality drilling solution specially designed for superior performance in stainless steel.



Heavy Duty Cobalt
Industrial quality drill bit for drilling materials that have high hardness and tensile strength such as cast iron, bronze, hard steel and stainless steel.



TiNite Drills*
Lasts up to 6 times longer than standard HSS drill bits.

METRIC

Drill Sizes	Case	Pieces	Item #
Silver Bullet Drill Sets			
1.5mm – 6.5mm x 0.5mm + 3.2mm, 4.8mm	Plastic	13	D101 SM1
1.0 – 10.0mm x 0.5	ABS	19	D101 SM2
1.0 – 13.0mm x 0.5	ABS	25	D101 SM3
1.0 – 10.0mm x 0.5	Metal	19	D101 MTL SM2
1.0 – 13.0mm x 0.5	Metal	25	D101 MTL SM3
Silver Bullet Refill Kits			
1.5mm – 3.5mm x 0.5mm	Tray	5	D101 SRKM2
1.5, 2.0, 3.0, 4.0, 5.0mm	Tray	5	D101 SRKM3
Merchandise 5 each: SRK2, SRK3, SRKM2, SRKM3		20	D101 SRK20
Drill Stands			
1.0 – 3.0mm x 0.25, 3.5 – 13.0mm x 0.5	Metal	1	D101 SM7
Blue Bullet Drill Sets			
1.5mm – 6.5mm x 0.5mm + 3.2mm, 4.8mm	Plastic	13	D102 SM1
1.0 – 10.0mm x 0.5	ABS	19	D102 SM2
1.0 – 13.0mm x 0.5	ABS	25	D102 SM3
1.0 – 3.0mm x 0.25, 3.5 – 13.0mm x 0.5 (Suits SM7 Stand)	Quad Pack	29	D102 SM8
1.0mm – 5.9mm x 0.1	Metal	50	D102 SM30
6.0mm – 10.0mm x 0.1	Metal	41	D102 SM41
1.0 – 10.0mm x 0.1 (Plus 10.5, 10.9, 11.0, 11.5, 11.9, 12.0, 12.5, 12.9, 13.0mm)	Plastic	100	D102 SM99
1.0 – 10.0mm x 0.5 (Plus BONUS 25ml Venom Cutting Paste)	Plastic	101	D102 SM101
Viper Drill Sets			
1.5, 2.0, 3.0, 4.0, 5.0, 5.5, 6.0mm	Plastic	7	D105 SLV7M
1.0mm – 10.0mm x 1.0mm	Plastic	10	D105 SLV10M
1.5mm – 6.5mm x 0.5mm + 3.2mm, 4.8mm	Plastic	13	D105 SLV13M
1.0mm – 10.0mm x 0.5mm	ABS	19	D105 V2M
1.0mm – 13.0mm x 0.5mm (10.5-13.0mm x 10.0mm Shanks)	ABS	25	D105 V3M
Viper Plus Drill Sets			
1.0 – 10.0mm x 0.5	ABS	19	D179 SM2
1.0 – 13.0mm x 0.5	ABS	25	D179 SM3
INOX Drill Sets			
1.0 – 10.0mm x 0.5	ABS	19	D180 SM2
1.0 – 13.0mm x 0.5	ABS	25	D180 SM3
Heavy Duty Cobalt Drill Sets			
1.0 – 10.0mm x 0.5	ABS	19	D109 SM2
1.0 – 13.0mm x 0.5	ABS	25	D109 SM3
TiNite Drill Set			
1.0 – 13.0mm x 0.5	ABS	25	D103 SM3

IMPERIAL

Drill Sizes	Case	Pieces	Item #
Silver Bullet Drill Sets			
1/16 – 3/8 x 64ths	ABS	21	D101 S2
1/16 – 1/2 x 64ths	ABS	29	D101 S3
1/16 – 3/8 x 64ths	Metal	21	D101 MTL S2
1/16 – 1/2 x 64ths	Metal	29	D101 MTL S3
#1 – #60 Wire Gauge	Metal	60	D101 S30
#61 – #80 Wire Gauge	Plastic	20	D101 S31
Silver Bullet Refill Kits			
1/16, 3/32, 1/8	Tray	3	D101 SRK1
1/16 – 1/8 x 1/64ths	Tray	5	D101 SRK2
1/16 – 3/16 x 1/32nds	Tray	5	D101 SRK3
Merchandise 5 each: SRK2, SRK3, SRKM2, SRKM3		20	D101 SRK20
Drill Stands			
1/16 – 1/2 x 64ths	Metal	1	D101 S7
Blue Bullet Drill Sets			
1/16 – 3/8 x 64ths	ABS	21	D102 S2
1/16 – 1/2 x 64ths	ABS	29	D102 S3
1/16 – 1/2 x 64ths (Suits S7 Stand)	Quad Pack	29	D102 S8
Viper Drill Sets			
1/16 – 1/4 x 1/32	Plastic	7	D105 SLV7
1/16 – 5/32 x 1/64 + 3/16, 7/32, 1/4	Plastic	10	D105 SLV10
1/16 – 3/8 x 1/32	Plastic	11	D105 SLV11
1/16 – 1/4 x 1/64	Plastic	13	D105 SLV13
1/16 – 3/8 x 1/64	ABS	21	D105 V2
1/16 – 1/2 x 1/64 (25/64 – 1/2 x 3/8 Shanks)	ABS	29	D105 V3
Viper Plus Drill Sets			
1/16 – 3/8 x 64ths	ABS	21	D179 S2
1/16 – 1/2 x 64ths	ABS	29	D179 S3
Heavy Duty Cobalt Drill Sets			
1/16 – 3/8 x 64ths	ABS	21	D109 S2
1/16 – 1/2 x 64ths	ABS	29	D109 S3
TiNite Drill Set			
1/16 – 1/2 x 64ths	ABS	29	D103 S3

DRILL BIT SETS HIGH SPEED STEEL GENERAL PURPOSE

- High speed steel twist drill bits
- Suitable for general use on steel, cast steel, grey cast iron, annealed cast iron, bronze, brass, aluminium
- Easy centring, long tool life & good chip removal

8PC DRILL BIT SET

Article No.: 25203705

Diameter in mm: 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0

19PC DRILL BIT SET

Article No.: 25203701

Diameter in mm: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0

25PC DRILL BIT SET

Article No.: 25203702

Diameter in mm: 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10.0, 10.5, 11.0, 11.5, 12.0, 12.5, 13.0



25PC METRIC DRILL SET

13410

- Metric HSS TiN coated, gold surface finish drill set
- 25 Piece 1-13 x 0.5mm increments



JOBBER DRILL

- Jobber drill – HSS TiN coated with gold surface finish
- Point type 135° split point
- Flute type 30° helix



Metric Jobber Drills

Code	Description
13352	Impact-A Jobber Drill-TiN-1mm
13353	Impact-A Jobber Drill-TiN-1.5mm
13354	Impact-A Jobber Drill-TiN-2mm
13355	Impact-A Jobber Drill-TiN-2.5mm
13356	Impact-A Jobber Drill-TiN-3mm
28848	Impact-A Jobber Drill-TiN-3.2mm
28849	Impact-A Jobber Drill-TiN-3.3mm
13357	Impact-A Jobber Drill-TiN-3.5mm
28850	Impact-A Jobber Drill-TiN-3.7mm
28851	Impact-A Jobber Drill-TiN-3.9mm
13358	Impact-A Jobber Drill-TiN-4mm
28852	Impact-A Jobber Drill-TiN-4.1mm
28853	Impact-A Jobber Drill-TiN-4.2mm
13359	Impact-A Jobber Drill-TiN-4.5mm
28854	Impact-A Jobber Drill-TiN-4.7mm
28855	Impact-A Jobber Drill-TiN-5mm
28856	Impact-A Jobber Drill-TiN-5.1mm
28857	Impact-A Jobber Drill-TiN-5.2mm
13361	Impact-A Jobber Drill-TiN-5.5mm
13362	Impact-A Jobber Drill-TiN-6mm
28858	Impact-A Jobber Drill-TiN-6.2mm
13363	Impact-A Jobber Drill-TiN-6.5mm
28859	Impact-A Jobber Drill-TiN-6.6mm
28860	Impact-A Jobber Drill-TiN-6.8mm
28861	Impact-A Jobber Drill-TiN-6.9mm
13364	Impact-A Jobber Drill-TiN-7mm

Code	Description
28862	Impact-A Jobber Drill-TiN-7.2mm
13365	Impact-A Jobber Drill-TiN-7.5mm
28863	Impact-A Jobber Drill-TiN-7.8mm
28864	Impact-A Jobber Drill-TiN-7.9mm
13366	Impact-A Jobber Drill-TiN-8mm
13367	Impact-A Jobber Drill-TiN-8.5mm
28865	Impact-A Jobber Drill-TiN-8.8mm
13368	Impact-A Jobber Drill-TiN-9mm
28866	Impact-A Jobber Drill-TiN-9.2mm
28867	Impact-A Jobber Drill-TiN-9.3mm
28868	Impact-A Jobber Drill-TiN-9.4mm
13369	Impact-A Jobber Drill-TiN-9.5mm
28869	Impact-A Jobber Drill-TiN-9.9mm
13370	Impact-A Jobber Drill-TiN-10mm
28870	Impact-A Jobber Drill-TiN-10.2mm
13371	Impact-A Jobber Drill-TiN-10.5mm
28871	Impact-A Jobber Drill-TiN-10.8mm
13372	Impact-A Jobber Drill-TiN-11mm
13373	Impact-A Jobber Drill-TiN-11.5mm
28872	Impact-A Jobber Drill-TiN-11.8mm
13374	Impact-A Jobber Drill-TiN-12mm
28873	Impact-A Jobber Drill-TiN-12.2mm
13375	Impact-A Jobber Drill-TiN-12.5mm
28874	Impact-A Jobber Drill-TiN-12.8mm
28875	Impact-A Jobber Drill-TiN-12.9mm
13376	Impact-A Jobber Drill-TiN-13mm

Fractional Jobber Drills

Code	Description
13377	Impact-A Jobber Drill-TiN-1/16"
13378	Impact-A Jobber Drill-TiN-5/64"
13379	Impact-A Jobber Drill-TiN-3/32"
13380	Impact-A Jobber Drill-TiN-7/64"
13381	Impact-A Jobber Drill-TiN-1/8"
13382	Impact-A Jobber Drill-TiN-9/64"
13383	Impact-A Jobber Drill-TiN-5/32"
13384	Impact-A Jobber Drill-TiN-11/64"
13385	Impact-A Jobber Drill-TiN-3/16"
13386	Impact-A Jobber Drill-TiN-13/64"
13387	Impact-A Jobber Drill-TiN-7/32"
13388	Impact-A Jobber Drill-TiN-15/64"
13389	Impact-A Jobber Drill-TiN-1/4"
13390	Impact-A Jobber Drill-TiN-17/64"
13391	Impact-A Jobber Drill-TiN-9/32"
13392	Impact-A Jobber Drill-TiN-19/64"
13393	Impact-A Jobber Drill-TiN-5/16"
13394	Impact-A Jobber Drill-TiN-21/64"
13395	Impact-A Jobber Drill-TiN-11/32"
13396	Impact-A Jobber Drill-TiN-23/64"
13397	Impact-A Jobber Drill-TiN-3/8"
13398	Impact-A Jobber Drill-TiN-25/64"
13399	Impact-A Jobber Drill-TiN-13/32"
13400	Impact-A Jobber Drill-TiN-27/64"
13401	Impact-A Jobber Drill-TiN-7/16"
13402	Impact-A Jobber Drill-TiN-29/64"
13403	Impact-A Jobber Drill-TiN-15/32"
13404	Impact-A Jobber Drill-TiN-31/64"
13405	Impact-A Jobber Drill-TiN-1/2"

**TWIST DRILL BITS – SHOCKWAVE™
RED HELIX™ TITANIUM DRILL BITS**



MILWAUKEE® SHOCKWAVE™ Impact Duty Titanium Drill Bits with RED HELIX are engineered for impacts and drills. Designed with a Variable Helix with an aggressive 35° Helix Angle which ends at 15°, the Impact Duty Titanium Drill bits with RED HELIX provide Rapid Chip Removal to limit heat buildup to stay sharper longer. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Titanium coating can be used in all drilling applications to give you up to 3x life vs. Black Oxide Drill Bits.

Product Code	Description
48894803	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 2mm 2Pkt
48894804	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 2.5mm 2Pkt
48894805	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 3mm 2Pkt
48894806	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 3.2mm 2Pkt
48894807	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 3.5mm 2Pkt
48894808	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 4mm 2Pkt
48894809	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 4.2mm
48894810	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 4.5mm
48894811	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 4.8mm
48894812	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 5mm
48894813	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 5.5mm
48894814	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 6mm
48894815	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 6.5mm
48894816	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 6.8mm
48894817	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 7mm
48894818	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 7.5mm
48894819	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 8mm
48894820	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 8.5mm
48894821	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 9mm
48894822	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 9.5mm
48894823	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 10mm
48894824	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 10.5mm
48894825	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 11mm
48894826	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 11.5mm
48894827	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 12mm
48894828	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 12.5mm
48894829	SHOCKWAVE™ Red Helix™ Titanium Drill Bit 13mm

**SHOCKWAVE™ RED HELIX™
TITANIUM DRILL BIT SETS**



Product Code	Description
48894859	SHOCKWAVE™ Red Helix™ Titanium Drill Set 10 Pce Kit 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm
48894860	SHOCKWAVE™ Red Helix™ Titanium Drill Set 19 Pce Kit 2mm, 2.5mm, 3mm(2), 3.5mm, 4mm(2), 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm
48894861	SHOCKWAVE™ Red Helix™ Titanium Drill Set 25 Pce Kit 2mm, 2.5mm, 3mm (2), 3.5mm, 4mm (2), 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm, 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm
48894862	SHOCKWAVE™ Red Helix™ Titanium Drill Set 29 Pce Kit 2mm(1), 2.5mm(1), 3mm(2), 3.2mm(1), 3.5mm(1), 4mm(2), 4.5mm(1), 4.8mm(1), 5mm(1), 5.5mm(1), 6mm(1), 6.5mm(1), 6.8mm(1), 7mm(1), 7.5mm(1), 8mm(1), 8.5mm(1), 9mm(1), 9.5mm(1), 10mm(1), 10.5mm(1), 11mm(1), 11.5mm(1), 12mm(1), 12.5mm(1), 13mm(1)

RED HELIX™ COBALT DRILL BIT SETS



Product Code	Description
48892530	Red Helix™ Cobalt Drill Bit 19Pc Set 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm
48892531	Red Helix™ Cobalt Drill Bit 25Pc Kit 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm, 8.5mm, 9mm, 9.5mm, 10mm, 10.5mm, 11mm, 11.5mm, 12mm, 12.5mm, 13mm
48892340	Red Helix™ Cobalt Imperial Drill Bit 15Pc Kit 2 x 1/16", 1 x 5/64", 1 x 3/32", 1 x 7/64", 2 x 1/8", 1 x 9/64", 1 x 5/32", 1 x 3/16", 1 x 7/32", 2 x 1/4", 1 x 5/16", 1 x 3/8"
48892341	Red Helix™ Cobalt Imperial Drill Bit 29Pc Kit 1 x 1/16", 1 x 5/64", 1 x 3/32", 1 x 7/64", 1 x 1/8", 1 x 9/64", 1 x 5/32", 1 x 11/64", 1 x 3/16", 1 x 13/64", 1 x 7/32", 1 x 15/64", 1 x 1/4", 1 x 17/64", 1 x 9/32", 1 x 19/64", 1 x 5/16", 1 x 21/64", 1 x 11/32", 1 x 23/64", 1 x 3/8", 1 x 25/64", 1 x 13/32", 1 x 27/64", 1 x 7/16", 1 x 29/64", 1 x 15/32", 1 x 31/63", 1 x 1/2"

MULTI - MATERIAL DRILL BITS



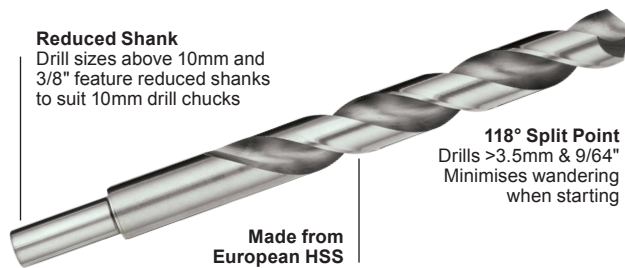
SHOCKWAVE
IMPACT DUTY

The MILWAUKEE® SHOCKWAVE™ Multi-Material Drill Bits have been designed with a 2 cutter carbide tip to provide durability along with versatility for drilling into a wide range of tough materials including; Concrete, Bricks, Roof Tiles, Thin Metal, Ceramic, Tiles, Wood, PVC, Aluminum, Drywall and More. Equipped with a 1/4" hex shank, these multi-material drill bits are compatible with impacts, drill/drivers, and hammer drills. MILWAUKEE® SHOCKWAVE™ Multi-Material Drill Bits provides the ideal all-in-one solution for the widest variety of materials, tools, and applications, sizes available from 3mm to 12mm.

Product Code	Description
4932471091	3mm x 90mm Multi-Material Drill Bit
4932471092	4mm x 90mm Multi-Material Drill Bit
4932471093	5mm x 100mm Multi-Material Drill Bit
4932471094	5.5mm x 100mm Multi-Material Drill Bit
4932471096	6mm x 100mm Multi-Material Drill Bit
4932471100	6.5mm x 150mm Multi-Material Drill Bit
4932471103	7mm x 100mm Multi-Material Drill Bit
4932471104	8mm x 120mm Multi-Material Drill Bit
4932471105	8mm x 260mm Multi-Material Drill Bit
4932471107	10mm x 120mm Multi-Material Drill Bit
4932471108	10mm x 260mm Multi-Material Drill Bit
4932471110	12mm x 150mm Multi-Material Drill Bit
4932471111	12mm x 260mm Multi-Material Drill Bit
4932471112	Multi-Material 8Pc Drill Bit Set (1) 4 x 90mm, (2) 5 x 100mm, (2) 6 x 100mm, (1) 8 x 120mm, (1) 10 x 120mm, (1) 12 x 150mm

JOBBER DRILL - VIPER

General purpose drill bit designed for machine and hand held drilling in a wide range of ferrous and non-ferrous materials.



suttontools

VIPER



METRIC				
Diameter mm	O/A Length	Flute Length	Shank mm	Item #
1.0	34	12		D105 0100
1.5	40	18		D105 0150
2.0	49	24		D105 0200
2.5	57	30		D105 0250
3.0	61	33		D105 0300
3.5	70	39		D105 0350
4.0	75	43		D105 0400
4.5	80	47		D105 0450
5.0	86	52		D105 0500
5.5	93	57		D105 0550
6.0	93	57		D105 0600
6.5	101	63		D105 0650
7.0	109	69		D105 0700
7.5	109	69		D105 0750
8.0	117	75		D105 0800
8.5	117	75		D105 0850
9.0	125	81		D105 0900
9.5	125	81		D105 0950
10.0	133	87		D105 1000
10.5†	133	87	10	D105 1050
11.0†	142	94	10	D105 1100
11.5†	142	94	10	D105 1150
12.0†	151	101	10	D105 1200
12.5†	151	101	10	D105 1250
13.0†	151	101	10	D105 1300

IMPERIAL					
Diameter mm	Length	O/A Length	Flute mm	Shank mm	Item #
1/16	1.59	48	22		D105 0159
5/64	1.98	51	25		D105 0198
3/32	2.38	57	32		D105 0238
7/64	2.78	67	38		D105 0278
1/8	3.18	70	41		D105 0318
9/64	3.57	73	44		D105 0357
5/32	3.97	79	51		D105 0397
11/64	4.37	83	54		D105 0437
3/16	4.76	89	59		D105 0476
13/64	5.16	92	62		D105 0516
7/32	5.56	95	64		D105 0556
15/64	5.95	98	67		D105 0595
1/4	6.35	101	63		D105 0635
17/64	6.75	105	73		D105 0676
9/32	7.14	108	75		D105 0714
19/64	7.54	111	78		D105 0754
5/16	7.94	114	81		D105 0794
21/64	8.33	117	84		D105 0833
11/32	8.73	121	87		D105 0873
23/64	9.13	124	89		D105 0913
3/8	9.52	127	92		D105 0953
25/64†	9.92	130	95	3/8	D105 0992
13/32†	10.32	133	98	3/8	D105 1032
27/64†	10.72	137	100	3/8	D105 1072
7/16†	11.11	140	103	3/8	D105 1111
29/64†	11.51	143	106	3/8	D105 1151
15/32†	11.91	146	110	3/8	D105 1191
31/64†	12.30	151	111	3/8	D105 1231
1/2†	12.70	152	114	3/8	D105 1269

† Viper Bits have 10mm (3/8") reduced shank for sizes > 10mm (3/8").