DRILL BITS & SETS

JOBBER DRILL BIT SETS
Smith & ARROW Twist Jobber Drill Bits come in M35 and M2. M35 is 5% cobalt. Metric & imperial. Also sell sets, step drills and double ended bits. Metal HSS M35 is for stainless steel (for mild / black steel, purchase our M2 drill bits). Fully ground, 135 degree split point bits that are designed for daily professional use in the workshop, or out in the field - they will not let your business down.
# MASONRY DRILL BIT CARBIDE TIP SDS PLUS: 5MM - 25MM

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Bit</th>
<th>3 Bits</th>
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<tr>
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<td>$21.30</td>
<td>$20.00</td>
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</tr>
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</table>

- Masonry Drill Bit with Tungsten Carbide Tip
- SDS Plus - will fit any SDS or SDS Plus drill and hammer drill
- See below for bit sizes

**FAQs**

**Masonry Bits**

**What are SDS Plus Drill Bits?**

SDS is the abbreviated term for ‘Slotted Drive System’ meaning that SDS Plus drill bits have slots at the end of the shank which fit into the chuck of an SDS+ drill. SDS plus drill bits are used for drilling into hard materials such as brick and concrete with minimal effort. The SDS part refers to the shank type, which has two sets of grooves that snap into the chuck making it more secure and allowing the bit to slide up and down giving you the hammer action. The tip is made from strong tungsten carbide giving them extra strength and resistance to extreme loads.

**Can I use a SDS Plus drill bit in normal drill?**

No. The SDS drill bits do go into a regular drill, however due to the inherent vibration, they will loosen quite a lot and you will be constantly tightening your chuck. The problem is that the SDS bit shanks have two rather-wide indentations for locking into an SDS chuck, that do not fit properly into a standard regular power drill. These SDS Plus masonry bits are designed for use on a SDS drill.

**Box Size**

1 Bit, 3 Bits, 5 Bits, 10 Bits

**SKU:** SDS bits

**Price:** From: $3.00
HSS TWIST IMPERIAL METAL DRILL BITS, M2 (JOBBER BITS)

- Metal HSS M2
- Fully ground
- 135 degree split point jobber
- Dimensions below in description

FAQs
- Will these bits drill through stainless steel?
  Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.
- What does fully ground mean in a drill bit?
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  The M2 bit is best for everyday use like milder steel, plastics, fibreglass, drywall and wood (although a specialised wood bit is better). However, the M2 bits can lose their sharpened edge quicker than cobalt bits and will not last as long as M35 cobalt bits.

Box Size
- 3/64, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 11/64, 3/16, 13/64, 7/32, 15/64, 1/4, 17/64, 9/32, 19/64, 5/16, 21/64, 11/32, 23/64, 3/8, 25/64, 13/64, 27/64, 7/16, 29/64, 15/32, 31/64, 1/2, Combination Box 26 x 3/64” - 1/8”, Combination Box 16 x 5/32 - 7/32”, Combination Box 12 x 15/64 – 9/32”, Combination Box 8 x 19/64 -11/32”, Combination Box 6 x 23/64 -13/32”, Combination Box 4 x 27/64 – 1/2”

Drill Bit Size

SKU: DBM2s
Price: From: $1.00
**HSS TWIST METRIC METAL DRILL BITS, M2 (JOBBER BITS)**

- Metal HSS M2
- Fully ground
- 135 degree split point jobber
- Dimensions in description below
- FAQs
  - Expand All Collapse All

**Drill Bits & Sets**

- **Will these bits drill through stainless steel?**
  Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

- **What does fully ground mean in a drill bit?**
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  The M2 bit is best for everyday use like milder steel, plastics, fibreglass, drywall and wood (although a specialised wood bit is better). However, the M2 bits can lose their sharpened edge quicker than cobalt bits and will not last as long as M35 cobalt bits.

**Box Size**

<table>
<thead>
<tr>
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</tbody>
</table>

**SKU:** DBM2smm

**Price:** From: $1.00
METRIC METAL DRILL BITS - M35 COBALT

- Metal HSS M35, 5% Cobalt
- Fully ground
- 135 degree split point
- Dimensions in below description
- Watch performance video
- FAQs

Will these bits drill through stainless steel?
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

What does fully ground mean in a drill bit?
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SKU: DBM35smm
Price: From: $1.38
IMPERIAL METAL DRILL BITS - M35 COBALT

- Metal HSS M35, 5% Cobalt
- Fully ground
- 135 degree split point
- Dimensions below in description
- Watch performance video
- FAQs

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</table>
18 PIECE REPLACEMENT METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs
  c Expand All Collapse All

Drill Bits & Sets

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Box Size

1 Box

SKU: DBM2RSETB
Price: From: $21.95
METRIC M35 COBALT HSS REPLACEMENT DRILL BIT SET - 18 PIECE

- Metal HSS M35
- Fully ground
- 135 degree split point
- See below for drill bit sizes in set
- FAQs

Drill Bits & Sets

FAQs

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BRASS WIRE DRILL BRUSH SET (DRILL, DREMEL, ROTARY TOOL)

- Fits all standard power & cordless drills - 6mm shank
- Suitable for up to MAX 4500 rpm
- For cleaning up metal items and other surfaces, removing rust, paint.
- See below for brush sizes for each set

**Drill Brush Set**

3 Piece, 6 Piece

**Woodswork Bits**

- #45 Carbon Steel
- Brad Point, Fully Ground
- 3,4,5,6,7,8,9,10,11,12,13,16,25mm
- Centre spur design locates centre of the hole easily
- Available in Sets or Individual Bits

**FAQs**

- What is an Auger Drill Bit?
  Auger drill bits are bits used to drill holes into wood and other softer materials. They are similar to twist bits, but they have a large single flute to remove chips and a screw tip to help get started, stay centred and prevent walking. These drill bits come with a spiral drill bit head which, when drilling, is designed to pull the bit into the wood so you do not have to apply excessive pressure. The sharp spurs on the edges of an auger bit’s tip ensure that the hole is smooth and uniform all the way through. Auger bits do not require much downward pressure for them to bite into the workpiece and begin to cut. This is because the thread on the guide screw draws it through the wood. The wide, deep flighting of an auger bit allows for efficient evacuation of wood shavings and prevents the bore hole from becoming clogged as easily as it might with other drill bits. Auger bits are perfect for drilling deep holes because the large flute easily removes the waste material from the hole.

- What is the difference between an Auger Bit and a Brad Point Drill Bit?
  The shallow spur of a brad point bit makes it much more suited to boring holes for dowels without breaking out of the back of a wooden workpiece. They can run at faster speeds in the drill press thanks to the angle of their cutting lips. However, brad point bits are much less useful if there is a need to drill a deep hole, or one with a large diameter, which is where auger bits excel.

- What are brad point woodworking bits?
  With their centre points and sharp cutting spurs, brad point bits have been specifically designed to drill accurate, neat holes in wood. They have a centre point so the bot does not “walk”. The relatively flat cutters and the wings give you an almost flat bottom, smooth hole with little tear out. As brad points are smaller than the centre points of spade bits and the guide screws of auger bits and expansive bits, they can drill deeper into a workpiece without breaking the surface of the reverse side. This could be useful if you’re making a partial hole for a dowel joint while building your own furniture.
WOODWORKING BITS, BRAD POINT, CARBON STEEL, BORING BITS

- #45 Carbon Steel
- Brad Point, Fully Ground
- 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 16, 25mm
- Centre spur design locates centre of the hole easily
- Available in Sets or Individual Bits
- FAQs

FAQs

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As brad points are smaller than the centre points of spade bits and the guide screws of auger bits and expansive bits, they can drill deeper into a workpiece without breaking the surface of the reverse side. This could be useful if you’re making a partial hole for a dowel joint while building your own furniture.

Individual bits

- 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 16mm, 25mm

SKU: N/A
Price: From: $1.50
**AUGER WOOD BITS - 460MM LONG**

- Auger Bits, Fully Ground
- 460mm Long
- #45 Carbon Steel
- 10, 12, 14, 16, 18, 20, 25mm
- Available in Sets or Individual Bits

**FAQs**
- What is an Auger Drill Bit?
  Auger drill bits are bits used to drill holes into wood and other softer materials. They are similar to twist bits, but they have a large single flute to remove chips and a screw tip to help get started, stay centred and prevent walking. These drill bits come with a spiral drill bit head which, when drilling, is designed to pull the bit into the wood so you do not have to apply excessive pressure. The sharp spurs on the edges of an auger bit’s tip ensure that the hole is smooth and uniform all the way through. Auger bits do not require much downward pressure for them to bite into the workpiece and begin to cut. This is because the thread on the guide screw draws it through the wood. The wide, deep flighting of an auger bit allows for efficient evacuation of wood shavings and prevents the bore hole from becoming clogged as easily as it might with other drill bits. Auger bits are perfect for drilling deep holes because the large flute easily removes the waste material from the hole.

- What is the difference between an Auger Bit and a Brad Point Drill Bit?
  The shallow spur of a brad point bit makes it much more suited to boring holes for dowels without breaking out of the back of a wooden workpiece. They can run at faster speeds in the drill press thanks to the angle of their cutting lips. However, brad point bits are much less useful if there is a need to drill a deep hole, or one with a large diameter, which is where auger bits excel.

- What are brad point woodworking bits?
  With their centre points and sharp cutting spurs, brad point bits have been specifically designed to drill accurate, neat holes in wood. They have a centre point so the bot does not “walk”. The relatively flat cutters and the wings give you an almost flat bottom, smooth hole with little tear out. As brad points are smaller than the centre points of spade bits and the guide screws of auger bits and expansive bits, they can drill deeper into a workpiece without breaking the surface of the reverse side. This could be useful if you’re making a partial hole for a dowel joint while building your own furniture.

**Individual bits**

10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 25mm

**SKU:** Auger Bit

**Price:** From: $8.95
7 PIECE SET, AUGER DRILL SET - 460MM LONG

- Auger Drill Bit Set, Fully Ground
- Presented in Aluminium Case
- 460mm Long
- #45 Carbon Steel
- 10, 12, 14, 16, 20, 25mm SET
- Available in Sets or Individual Bits
- FAQs
  - Expand All
  - Collapse All

Woodwork Bits

**FAQs**

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**Individual bits**

- 10mm, 12mm, 14mm, 16mm, 18mm, 20mm, 25mm

**M2 METAL STEP DRILL BIT SET: 4MM-12MM, 8 STEPS**

- Metal HSS M2
- See below for step drill sizes
- 135 degree split point
- For mild steel
- Tin coated

**Box Size**

- 1 Box

**Price:** $15.95

**#11 RIVET DOUBLE ENDED DRILL BITS, COBALT M35 - 5MM, 3/16"**

- Diameter 4.85mm for standard rivet size for 4.762mm (3/16")
- M35, 5% Cobalt
- Fully ground
- 135 degree split point

**Box Size**

- Box 20, Box 100

**Price:** From: $16.95
METRIC M35 HSS COBALT DRILL BIT SET - 19 PIECE

- Metal HSS M35
- Fully ground
- 135 degree split point
- See below for drill bit sizes in set
- FAQs

FAQs

Will these bits drill through stainless steel?
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

What does fully ground mean in a drill bit?
The very best drill bits are “Fully Ground” which means the bit was ground out of the one piece of raw material, and as such are very precise and strong.

What does “135 degree split point” mean?
Perhaps the most popular tip design has a “135 degree split point” design giving accurate starting without the use of a centre punch. Split-point bits almost completely eliminate “walking” as they are self-centring and therefore requires less thrust in drilling harder metal, eliminating chipping. The shaft of a quality split-point bit, like Smith & ARROW’s bits, features three grooves that lift away debris, allowing you to drill holes faster and with less chance of snags. These grooves continue all the way to the tip of the bit, where they cut into the tip’s cap, breaking the smooth surface. This creates a grooved bit tip that more easily anchors itself in the steel and keeps your bit on target.

The two most standard point angles are 118º and 135º. The 118º is generally used for drilling into soft material like wood. Although it can puncture through steel, this will also cause it to dull quicker. A 135º is typically used for drilling into hardened material.

Will cobalt M35 drill bits break?
M35 drill bits are 5% cobalt and this means the bits can be brittle if used incorrectly. The M35 bits must be used at a slow speed and they will work best and last longer if run at slow working speeds with lubricant. The key purpose of adding up the cobalt is to enhance the heat resistance capacity and durability of the bits. The M2 drill bits are not cobalt, and as such can be run at a normal speed on a power drill.

What is the difference between M2 and M35 drill bits?
The most popular HSS drill bits fall into the following two categories: M2 & M35. Depending if you are drilling mild steel or hardened steel will determine whether you purchase M2 or M35 drill bits. Cobalt M35 drill bits will do everything the M2 bit can do, and more – M35 HSS drill bits will drill through hardened steel like stainless as well as mild steel and cobalt ensures the bit is heat resistant. M35 bits keep long lasting cutting edges and will not dull easily
The M2 bit is best for everyday use like milder steel, plastics, fibreglass, drywall and wood (although a specialised wood bit is better). However, the M2 bits can lose their sharpened edge quicker than cobalt bits and will not last as long as M35 cobalt bits.
M2 METAL STEP DRILL BIT SET: 4MM-22MM, 9 STEPS

- Metal HSS M2
- See below for step drill sizes
- 135 degree split point
- For mild steel
- Tin coated

**Box Size**

1 Box

**SKU:** DBSD4-22X9

**Price:** From $19.95

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#20 RIVET DOUBLE ENDED DRILL BITS, COBALT M35 - 4MM, 5/32"

- Diameter 4.089mm for standard rivet size for 4mm (5/32")
- M35, 5% Cobalt
- Fully ground
- 135 degree split point

**Box Size**

Box 20, Box 100

**SKU:** DB20-20

**Price:** From $15.95
19 PIECE METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs

FAQs

Will these bits drill through stainless steel?
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

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Box Size

1 Box

SKU: DBSet19M2
Price: From: $44.95
M2 METAL STEP DRILL BIT SET: 4MM-32MM, 15 STEPS

• Metal HSS M2
• See below for step drill sizes
• 135 degree split point
• For mild steel
• Tin coated

Box Size

1 Box

SKU: DBSD4-32X15 x 1
Price: $29.95

#30 RIVET DOUBLE ENDED DRILL BITS, COBALT M35 - 3MM, 1/8"

• Diameter 3.264mm for standard rivet size for 3.175mm (1/8"
• M35, 5% Cobalt
• Fully ground
• 135 degree split point

Box Size

Box 20, Box 100

SKU: DB30-20
Price: From: $14.95
**IMPERIAL M35 HSS COBALT DRILL BIT SET - 21 PIECE**

- M35, 5% Cobalt
- Fully ground
- 135 degree split point
- See below for drill bit sizes in set
- FAQs

FAQs

Will these bits drill through stainless steel?
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

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**Box Size**

- 1 Box

**SKU:** DBSet21

**Price:** From: $69.95
4" 100MM - STRIP DISCS | AIR TOOL OR DRILL

**BOX SIZE PRICE PER DISC**

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</tr>
<tr>
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<td>$6.00</td>
</tr>
<tr>
<td>Box 20</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

- 100mm x 15mm for AIR TOOL or DRILL
- Coarse Grit
- Very fast removal of paint or rust WITHOUT damaging the original surface
- FAQs

### How do Poly Strip Discs Work?

Poly Strip Discs are manufactured from polyfibre and impregnated with coarse grain silicon carbide. After that, they are strengthened with synthetic resin. This combination results in an abrasive material with an open structure. It is sharp and flexible and doesn’t clog with shavings, so that you can continue sanding without any problems. This makes the Clean & Strip Disc the ideal abrasive material for effectively cleaning a surface. Because of its unique open structure, the Clean & Strip only removes the upper layer of the object, without grinding or cutting into the surface. This open structure enables cool grinding.

### Do these Strip Discs really not damage the surface underneath the rust/paint?

Yes, with Clean & Strip Discs you can thoroughly remove paint and rust without damaging the original surface. Because of its unique open structure, the Clean & Strip only removes the upper layer of the object, without grinding or cutting into the surface. The discs are used for cleaning surfaces, removing layers of paint and epoxy, preparing surfaces which need to be painted or coated in hard-to-reach places.

### What do I use a Poly Strip Disc for?

The most common applications for Smith & ARROW Poly Strip Discs are:

- Rust Removal
- Paint Removal
- Glue, Sealant and other Adhesives Removal
- Cleaning Weld Lines and Weld Splatter
- Removal of Scaling and Oxidation
- Surface Prep in Auto Body Shops
- Removal of Surface Slag from Hot Rolled Steel

### What grit should I choose when purchasing Strip Discs?

This depends on what your application is:

- Black is medium grit which is softer and more flexible. Choose this grit for lighter work where the job is delicate and there are not many layers that you need to remove.
- Purple is coarse grit and this is stronger and more rigid for faster removal of material. Choose this grit for jobs where the surface covering is tougher or heavier.

**Box Size**

Box 2, Box 4, Box 10, Box 20

**With / Without Spindle**

With Spindle (coarse grit), Without Metal Spindle, With Spindle (medium grit)

**SKU:** PD100C6 (MS ?)
**Price:** From: $18.95

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**M2 STEP DRILL BIT SET, 3 PIECE METAL SET - METRIC (4MM - 32MM)**

- Metal HSS M2
- 135 degree split point
- Tin coated
- 4-12mm (8 Steps / Increments)
- 4-22mm (9 Steps / Increments)
- 4-32mm (15 Steps / Increments)

**Box Size**

1 x Step Drill Set, 2 x Step Drill Set

**SKU:** DBSDSet1TC
**Price:** From: $44.95
#30 RIVET DOUBLE ENDED DRILL BITS, M2 - 3MM, 1/8"

- Diameter 3.264mm for standard rivet size for 3.175mm (1/8")
- Metal HSS M2
- Fully ground
- 135 degree split point

**Box Size**

Box 20, Box 100

**SKU:** DB30M2-20  
**Price:** From: $14.55

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21 PIECE IMPERIAL DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes in set

**Box Size**

1 Box

**SKU:** DBSet21M2  
**Price:** From: $49.95

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SCREW MACHINE STUB LENGTH DRILL BITS - 1/4" X 2 1/2"

- 1/4" x 2 1/2" (6.5mm x 65mm)
- Short Rigid Stub Length
- For Power Drill or Screw Machine
- M2 Steel

**Number of Bits**

10 Bits, 30 Bits

**SKU:** DBM2s1-4S  
**Price:** From: $17.95
METRIC M35 HSS COBALT DRILL BIT SET - 25 PIECE

- M35, 5% Cobalt
- Fully ground
- 135 degree split point
- See below for drill bit sizes in set
- FAQs

Will these bits drill through stainless steel?
Yes, if you choose M35 drill bits they are designed for harder steel, like stainless. M2 drill bits will not drill through stainless steel and they are designed for mild steel.

What does fully ground mean in a drill bit?
The very best drill bits are "Fully Ground" which means the bit was ground out of the one piece of raw material, and as such are very precise and strong.

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Will cobalt M35 drill bits break?
M35 drill bits are 5% cobalt and this means the bits can be brittle if used incorrectly. The M35 bits must be used at a slow speed and they will work best and last longer if run at slow working speeds with lubricant. The key purpose of adding up the cobalt is to enhance the heat resistance capacity and durability of the bits. The M2 drill bits are not cobalt, and as such can be run at a normal speed on a power drill.

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Box Size

1 Box

SKU: DBSet25
Price: From: $99.95
IMPERIAL M35 HSS COBALT DRILL BIT SET - 29 PIECE

- M35, 5% Cobalt
- Fully ground
- 135 degree split point
- See below for drill bit sizes in set
- FAQs

FAQs

Will these bits drill through stainless steel?
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Box Size

1 Box

SKU: DBSet25-1

Price: From: $129.95
25 PIECE METRIC DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs

FAQs

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Box Size

1 Box

SKU: DBSet25M2
Price: From: $89.95
**6” 150MM - STRIP DISCS | AIR TOOL OR DRILL**

**BOX SIZE PRICE PER DISC**

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<td>$9.74</td>
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<tr>
<td>10</td>
<td>$7.00</td>
</tr>
</tbody>
</table>

- 150mm, 6” for AIR TOOL or DRILL
- Coarse Grit
- No Metal spindle (NOT included)
- Very fast removal of paint or rust without damaging the original surface
- FAQs
  
**FAQs**

- How do Poly Strip Discs Work?
  Poly Strip Discs are manufactured from polyfibre and impregnated with coarse grain silicon carbide. After that, they are strengthened with synthetic resin. This combination results in an abrasive material with an open structure. It is sharp and flexible and doesn’t clog with shavings, so that you can continue sanding without any problems. This makes the Clean & Strip Disc the ideal abrasive material for effectively cleaning a surface. Because of its unique open structure, the Clean & Strip only removes the upper layer of the object, without grinding or cutting into the surface. This open structure enables cool grinding.

- Do these Strip Discs really not damage the surface underneath the rust/paint?
  Yes, with Clean & Strip Discs you can thoroughly remove paint and rust without damaging the original surface. Because of its unique open structure, the Clean & Strip only removes the upper layer of the object, without grinding or cutting into the surface. The discs are used for cleaning surfaces, removing layers of paint and epoxy, preparing surfaces which need to be painted or coated in hard-to-reach places.

- What do I use a Poly Strip Disc for?
  The most common applications for Smith & ARROW Poly Strip Discs are:
  - Rust Removal
  - Paint Removal
  - Glue, Sealant and other Adhesives Removal
  - Cleaning Weld Lines and Weld Splatter
  - Removal of Scaling and Oxidation
  - Surface Prep in Auto Body Shops
  - Removal of Surface Slag from Hot Rolled Steel

- What grit should I choose when purchasing Strip Discs?
  This depends on what your application is:
  - **Black is medium grit** which is softer and more flexible. Choose this grit for lighter work where the job is delicate and there are not many layers that you need to remove.
  - **Purple is coarse grit and this** is stronger and more rigid for faster removal of material. Choose this grit for jobs where the surface covering is tougher or heavier.

**Box Size**

- Box 2, Box 4, Box 10

**SKU:** PD150M6MS2

**Price:** From: $22.95
29 PIECE IMPERIAL DRILL BIT SET - M2 HSS (FOR METAL)

- Metal HSS M2
- Fully ground
- 135 degree split point
- For mild steel
- See below for drill bit sizes
- FAQs

**Will these bits drill through stainless steel?**
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The very best drill bits are “Fully Ground” which means the bit was ground out of the one piece of raw material, and as such are very precise and strong.

**What does “135 degree split point” mean?**
Perhaps the most popular tip design has a “135 degree split point” design giving accurate starting without the use of a centre punch. Split-point bits almost completely eliminate “walking” as they are self-centring and therefore requires less thrust in drilling harder metal, eliminating chipping. The shaft of a quality split-point bit, like Smith & ARROW’s bits, features three grooves that lift away debris, allowing you to drill holes faster and with less chance of snags. These grooves continue all the way to the tip of the bit, where they cut into the tip’s cap, breaking the smooth surface. This creates a grooved bit tip that more easily anchors itself in the steel and keeps your bit on target.

The two most standard point angles are 118º and 135º. The 118º is generally used for drilling into soft material like wood. Although it can puncture through steel, this will also cause it to dull quicker. A 135º is typically used for drilling into hardened material.

**Will cobalt M35 drill bits break?**
M35 drill bits are 5% cobalt and this means the bits can be brittle if used incorrectly. The M35 bits must be used at a slow speed and they will work best and last longer if run at slow working speeds with lubricant. The key purpose of adding up the cobalt is to enhance the heat resistance capacity and durability of the bits. The M2 drill bits are not cobalt, and as such can be run at a normal speed on a power drill.

**What is the difference between M2 and M35 drill bits?**
The most popular HSS drill bits fall into the following two categories: M2 & M35. Depending if you are drilling mild steel or hardened steel will determine whether you purchase M2 or M35 drill bits. Cobalt M35 drill bits will do everything the M2 bit can do, and more - M35 HSS drill bits will drill through hardened steel like stainless as well as mild steel and cobalt ensures the bit is heat resistant. M35 bits keep long lasting cutting edges and will not dull easily.
The M2 bit is best for everyday use like milder steel, plastics, fibreglass, drywall and wood (although a specialised wood bit is better). However, the M2 bits can lose their sharpened edge quicker than cobalt bits and will not last as long as M35 cobalt bits.

**Box Size**

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<thead>
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<th>Box Size</th>
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**SKU:** DBSet29M2
**Price:** From: $89.95