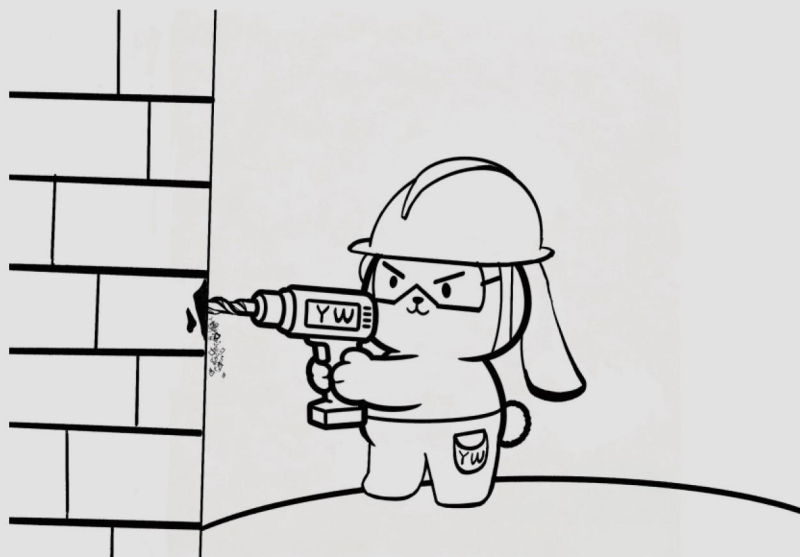
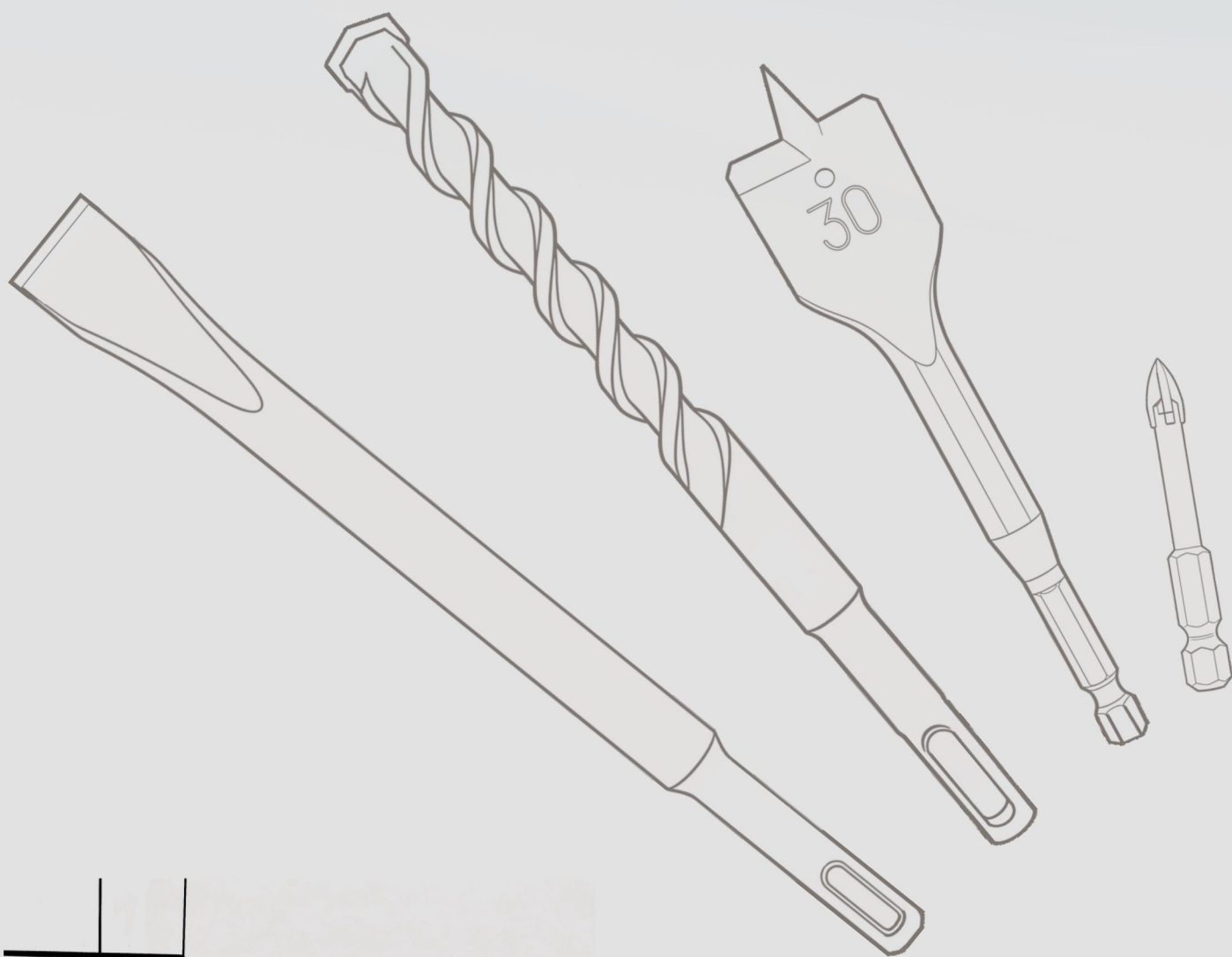


# YUWEN



Chisels & Drill Bits

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# MASONRY CHISELS



## ***Pointed Chisel***

For general chiseling and breaking of masonry, concrete, stone, etc.

| Description             | Length (mm) | Item No. |
|-------------------------|-------------|----------|
| SDS-plus pointed chisel | 150         | SKZP1    |
| SDS-plus pointed chisel | 250         | SKZP2    |
| SDS-max pointed chisel  | 280         | WKZP1    |
| SDS-max pointed chisel  | 400         | WKZP2    |
| SDS-max pointed chisel  | 600         | WKZP3    |
| 17mm hex pointed chisel | 280         | LJZP1    |
| 17mm hex pointed chisel | 400         | LJZP2    |



## ***Flat Chisel***

For general chiseling and breaking of masonry, concrete, stone, etc.

| Description          | Width (mm) | Length (mm) | Item No. |
|----------------------|------------|-------------|----------|
| SDS-plus flat chisel | 20         | 150         | SKZF1    |
| SDS-plus flat chisel | 20         | 250         | SKZF2    |
| SDS-max flat chisel  | 25         | 280         | WKZF1    |
| SDS-max flat chisel  | 25         | 400         | WKZF2    |
| SDS-max flat chisel  | 25         | 600         | WKZF3    |
| 17mm hex flat chisel | 25         | 280         | LJZF1    |
| 17mm hex flat chisel | 25         | 400         | LJZF2    |



## ***Spade Chisel***

For universal removal of large quantities of material.

| Description           | Width (mm) | Length (mm) | Item No. |
|-----------------------|------------|-------------|----------|
| SDS-plus spade chisel | 40         | 250         | SKZS1    |
| SDS-plus spade chisel | 50         | 250         | SKZS2    |
| SDS-plus spade chisel | 60         | 250         | SKZS3    |
| SDS-plus wide chisel  | 75         | 250         | SKZS4    |
| SDS-plus wide chisel  | 100        | 280         | SKZS5    |
| SDS-max spade chisel  | 50         | 300         | WKZS1    |
| SDS-max spade chisel  | 50         | 400         | WKZS2    |
| SDS-max spade chisel  | 50         | 600         | WKZS3    |
| SDS-max wide chisel   | 75         | 300         | WKZS4    |
| SDS-max wide chisel   | 80         | 300         | WKZS5    |
| SDS-max wide chisel   | 150        | 380         | WKZS6    |
| 17mm hex spade chisel | 50         | 280         | LJZS1    |
| 17mm hex spade chisel | 50         | 400         | LJZS2    |
| 17mm hex spade chisel | 75         | 400         | LJZS3    |



# MASONRY CHISELS



## ***Cranked Tile Chisel***

For tile removing, etc.

| Description               | Width (mm) | Length (mm) | Item No. |
|---------------------------|------------|-------------|----------|
| SDS-plus tile chisel      | 40         | 250         | SKZC1    |
| SDS-plus tile chisel      | 50         | 250         | SKZC2    |
| SDS-plus tile chisel      | 60         | 250         | SKZC3    |
| SDS-plus wide tile chisel | 75         | 165         | SKZC4    |
| SDS-max tile chisel       | 50         | 300         | WKZC1    |
| SDS-max tile chisel       | 80         | 300         | WKZC2    |
| SDS-max wide tile chisel  | 115        | 260         | WKZC3    |
| SDS-max wide tile chisel  | 150        | 260         | WKZC4    |



## ***Gouge Chisel***

For cutting narrow channels in concrete, brick, etc.

| Description           | Width (mm) | Length (mm) | Item No. |
|-----------------------|------------|-------------|----------|
| SDS-plus gouge chisel | 22         | 250         | SKZG1    |
| SDS-max gouge chisel  | 26         | 300         | WKZG1    |



## ***TCT Mortar Chisel***

For removing, cleaning joints and brickwork with an extra long life.

| Description                | Width (mm) | Length (mm) | Item No. |
|----------------------------|------------|-------------|----------|
| SDS-plus TCT mortar chisel | 32         | 130         | SKZT1    |
| SDS-plus TCT mortar chisel | 32         | 200         | SKZT2    |
| SDS-max TCT mortar chisel  | 32         | 300         | WKZT1    |



## ***MortarChisel***

For removing, cleaning joints and brickwork.

| Description                  | Width (mm) | Length (mm) | Item No. |
|------------------------------|------------|-------------|----------|
| SDS-plus tooth mortar chisel | 32         | 250         | SKZT3    |
| SDS-max tooth mortar chisel  | 32         | 300         | WKZT2    |

# MASONRY CHISELS



## ***Winged Chisel***

For creating grooves and cutting channels with a depth gauge.

| Description            | Width (mm) | Length (mm) | Item No. |
|------------------------|------------|-------------|----------|
| SDS-plus winged chisel | 22         | 250         | SKZW1    |
| SDS-max winged chisel  | 35         | 380         | WKZW1    |



## ***TCT Bushing Chisel***

For removing excess concrete.  
Roughens surfaces for subsequent further processing.  
TCT provides longer service life.

| Description                 | Width (mm) | Length (mm) | Item No. |
|-----------------------------|------------|-------------|----------|
| SDS-plus TCT bushing chisel | 30         | 220         | SKZB1    |
| SDS-max TCT bushing chisel  | 40         | 300         | WKZB1    |



## ***Bushing Chisel***

For removing excess concrete.  
Roughens surfaces for subsequent further processing.

| Description            | Width (mm) | Length (mm) | Item No. |
|------------------------|------------|-------------|----------|
| SDS-max bushing chisel | 45         | 230         | WKZB2    |

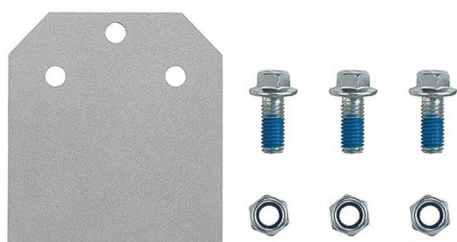
# FLOOR SCRAPER

## *Floor Scraper*

For fast remove all thinset, adhesive and mortar materials.  
Self-locking nuts and replaceable blades.



| Description            | Width (mm) | Length (mm) | Item No. |
|------------------------|------------|-------------|----------|
| SDS-plus floor scraper | 100        | 250         | SKFS1    |
| SDS-plus floor scraper | 125        | 260         | SKFS2    |
| SDS-plus floor scraper | 100        | 250         | SKFS3    |
| SDS-plus floor scraper | 130        | 260         | SKFS4    |



| Description           | Width (mm) | Length (mm) | Item No. |
|-----------------------|------------|-------------|----------|
| SDS-max floor scraper | 140        | 320         | WKFS1    |
| SDS-max floor scraper | 150        | 620         | WKFS2    |

# GROUND ROD & GROUND ROD DRIVER



## Ground Rod Driver

For fast, mechanical driving of ground rods and ground lines for lightening conductors.

| Description                | Bore Diameter |        | Length (mm) | Item No. |
|----------------------------|---------------|--------|-------------|----------|
|                            | mm            | inch   |             |          |
| SDS-plus ground rod driver | 16.5          | 5/8"   | 100         | SKRD1    |
| SDS-plus ground rod driver | 20.5          | 13/16" | 100         | SKRD2    |
| SDS-plus ground rod driver | 19            | 3/4"   | 170         | SKRD3    |
| SDS-plus ground rod driver | 25            | 1"     | 250         | SKRD4    |
| SDS-max ground rod driver  | 16.5          | 5/8"   | 162         | WKRD1    |
| SDS-max ground rod driver  | 20.5          | 13/16" | 162         | WKRD2    |
| SDS-max ground rod driver  | 19            | 3/4"   | 250         | WKRD3    |
| SDS-max ground rod driver  | 50            | 2"     | 210         | WKRD4    |
| 30mm Hex shank rod driver  | 16.5          | 5/8"   | 260         | HKRD1    |
| 30mm Hex shank rod driver  | 20.5          | 13/16" | 260         | HKRD2    |

\*other diameters are available upon request.



## Ground Rod

Providing a safe pathway for excess electricity dissipating into the earth.

Equipped with rod clamp for fixing the ground wire.

Pointed end with threads for easy and firm rod connection.

| Description                | Width (mm) | Length (mm) | Item No. |
|----------------------------|------------|-------------|----------|
| Ground Rod Copper Coating  | 20         | 1000        | GR1      |
| Ground Rod Stainless Steel | 20         | 1000        | GR2      |



ground rod clamp



threaded end

# SDS DRILL BITS

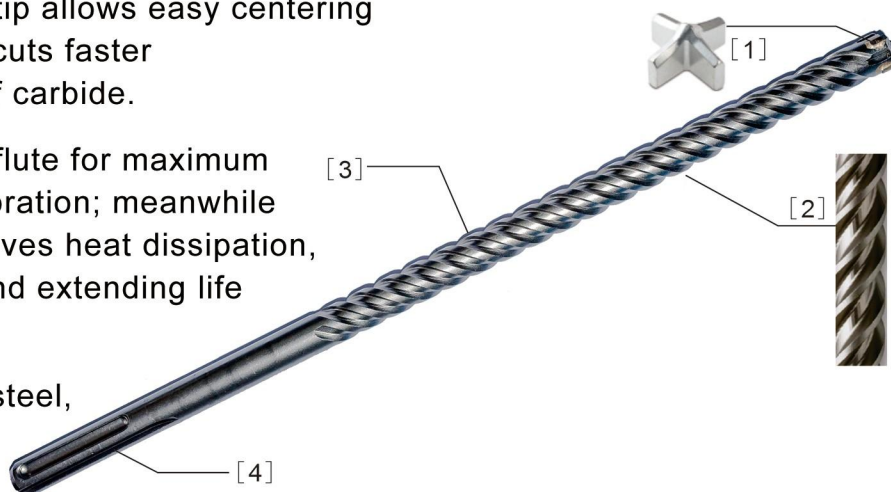
## SDS DRILL BIT 4-FLUTE

1. Aggressive, durable carbide tip allows easy centering and fast drilling; 4 Cutter head cuts faster and lasts longer. BC20 grade of carbide.

2. Reinforced core and special flute for maximum energy transfer and reduced vibration; meanwhile removes dust quickly and improves heat dissipation, increasing penetration speed and extending life of the bit.

3. Manufactured with premium steel, modern heat treatment and brazing processes ensuring proper hardness, toughness, and durability for maximum life.

4. Shank developed for SDS rotary hammer drilling machines.



Product Specification  
for plus shank



| Overall Length (mm) | Available in Diameters (mm)                              |
|---------------------|----------------------------------------------------------|
| 160                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12, 14, 16                     |
| 210                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25 |
| 260                 | 6, 6.5, 7, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28 |
| 310                 | 7, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28         |
| 450                 | 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 600                 | 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 1000                | 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |

Product Specification  
for max shank



| Diameter (mm) | Available in Overall Lengths (mm) |
|---------------|-----------------------------------|
| 10            | 280, 340, 540                     |
| 12            | 280, 340, 540, 690                |
| 14            | 280, 340, 540, 690                |
| 16            | 340, 540, 690, 920                |
| 18            | 340, 540, 690, 920                |
| 20            | 370, 520, 670, 920, 1320          |
| 22            | 370, 520, 670, 920, 1320          |
| 24            | 370, 520, 670, 920, 1320          |
| 25            | 370, 520, 670, 920, 1320          |
| 26            | 370, 520, 670, 920, 1320          |
| 28            | 370, 520, 670, 920, 1320          |
| 30            | 370, 520, 670, 920, 1320          |
| 32            | 370, 520, 670, 920, 1320          |
| 35            | 370, 520, 670, 920, 1320          |
| 40            | 370, 520, 670, 920, 1320          |

# SDS DRILL BITS



## **SDS PGM DRILL BIT 2-cutter**



Self-centering and reinforced crushing tips minimize vibration and protects carbide from breakage.

Shank developed for SDS-plus rotary hammer drilling machines.

PGM approved in accordance with the requirements of Deutsches Institut für Bautechnik (DIBt).

### **Product Specification**

| Overall Length (mm) | Available in Diameters (mm)                         |
|---------------------|-----------------------------------------------------|
| 110                 | 4, 5, 6, 7, 8, 10, 12                               |
| 160                 | 4, 5, 6, 7, 8, 10, 12, 13, 14, 16                   |
| 210                 | 5, 6, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25  |
| 260                 | 6, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28 |
| 310                 | 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28    |
| 450                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28, 30      |



## **SDS PGM DRILL BIT 4-cutter**



Self-centering and reinforced crushing tips minimize vibration and protects carbide from breakage.

Shank developed for SDS-plus rotary hammer drilling machines.

PGM approved in accordance with the requirements of Deutsches Institut für Bautechnik (DIBt).

### **Product Specification**

| Overall Length (mm) | Available in Diameters (mm)                         |
|---------------------|-----------------------------------------------------|
| 110                 | 5, 6, 7, 8, 10, 12                                  |
| 160                 | 5, 6, 7, 8, 10, 12, 13, 14, 16                      |
| 210                 | 5, 6, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25  |
| 260                 | 6, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28 |
| 310                 | 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28    |
| 450                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 28, 30      |

# SDS DRILL BITS



## ***SDS DRILL BIT plus shank 2-cutter***



2 CUTTER

Symmetrical double flute design reduce vibration and heat.

Shank developed for SDS-plus rotary hammer drilling machines.

For use in concrete and hard masonry materials.

### **Product Specification**

| Overall Length (mm) | Available in Diameters (mm)                                  |
|---------------------|--------------------------------------------------------------|
| 110                 | 3.5, 4, 5, 5.5, 6, 6.5, 7, 8, 10, 12                         |
| 160                 | 4, 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16                  |
| 210                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25 |
| 260                 | 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28 |
| 310                 | 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28         |
| 450                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 600                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 1000                | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |



## ***SDS DRILL BIT plus shank 4-cutter***



4 CUTTER

4-cutter tips produce rounder and more accurately located anchor holes.

Symmetrical double flute design reduce vibration and heat.

Shank developed for SDS-plus rotary hammer drilling machines.

For use in concrete and hard masonry materials.

### **Product Specification**

| Overall Length (mm) | Available in Diameters (mm)                                  |
|---------------------|--------------------------------------------------------------|
| 110                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12                                 |
| 160                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16                     |
| 210                 | 5, 5.5, 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25 |
| 260                 | 6, 6.5, 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28 |
| 310                 | 7, 8, 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28         |
| 450                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 600                 | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |
| 1000                | 10, 12, 13, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 32       |

# SDS DRILL BITS



## ***SDS DRILL BIT max shank***



4 CUTTER

4-cutter tips produce rounder and more accurately located anchor holes.

Symmetrical double flute design reduce vibration and heat.

Shank developed for SDS-max rotary hammer drilling machines.

For heavier duty applications and large diameter drill sizes.

### Product Specification

| Diameter (mm) | Available in Overall Lengths (mm) |
|---------------|-----------------------------------|
| 10            | 280, 340, 540                     |
| 12            | 280, 340, 540, 690                |
| 14            | 280, 340, 540, 690                |
| 16            | 340, 540, 690, 920                |
| 18            | 340, 540, 690, 920                |
| 20            | 370, 520, 670, 920, 1320          |
| 22            | 370, 520, 670, 920, 1320          |
| 24            | 370, 520, 670, 920, 1320          |
| 25            | 370, 520, 670, 920, 1320          |
| 26            | 370, 520, 670, 920, 1320          |
| 28            | 370, 520, 670, 920, 1320          |
| 30            | 370, 520, 670, 920, 1320          |
| 32            | 370, 520, 670, 920, 1320          |
| 35            | 370, 520, 670, 920, 1320          |

\* Please contact sales person for other diameters and lengths.

# SDS DRILL BITS



## ***SDS HEX SHOULDER BIT plus shank***

SDS+ drill bit with hex shoulder for drive sleeve.



Drive installation sleeve slides over bit and engages with hex collar to quickly drive hex or Philips® head fasteners.

Allows the fixing to be driven with the same power tool without having to remove the drill bit.

Rotary mode only for the SDS power hammer when driving fasteners.

### Product Specification

| Diameter (mm) | Overall Lengths (mm) |
|---------------|----------------------|
| 4             | 125, 145, 180        |
| 5             | 125, 145, 180        |
| 6             | 125, 145, 180        |

\* Please contact sales person for other diameters and lengths.



## ***SDS STOP DRILL BIT plus shank***

SDS+ drill bit with stop shoulder.



Specified depth for easy anchor installation.

### Product Specification

| Overall Lengths (mm) | Diameter (mm)    |
|----------------------|------------------|
| 120                  | 6, 8, 10, 12, 14 |
| 135                  | 6, 8, 10, 12, 14 |
| 150                  | 6, 8, 10, 12, 14 |

\* Please contact sales person for other diameters and lengths.

# ADAPTORS FOR DIAMOND CORE BIT



SDS adaptors to 1/2" BSP, M14, M16, M22  
Overall lengths: 115mm, 240mm



HEX adaptors to 1/2" BSP, M14, M16, M22  
Overall lengths: 88mm, 240mm



Extension to 1/2" BSP, M16  
Overall lengths: 200mm, 240mm, 360mm



A-Taper pilot rod  
Overall length: 225mm



A-Taper pilot drill  
Size: 8x200mm, 10x200mm, 12x210mm



Drift Key 8x70mm



Adaptor to M12  
Overall lengths: 225mm (with pilot pin)

# PERCUSSION DRILL BITS



## ***PERCUSSION DRILL BIT***

2-cutter design.

Robust tungsten carbide and special surface hardening.

Symmetrical double flute design reduce vibration and heat.

Round shank developed for impact drilling machines with chuck.

For use in concrete and hard masonry materials.

### **Product Specification**

| Diameter |       | Available in Overall Lengths (mm) |
|----------|-------|-----------------------------------|
| mm       | inch  |                                   |
| 3        | 1/8"  | 75                                |
| 4        | 5/32" | 70, 150                           |
| 5        | 3/16" | 85, 150                           |
| 5.5      | 7/32" | 100, 150                          |
| 6        | /     | 100, 150, 200, 250, 400           |
| 6.5      | 1/4"  | 100, 150, 300, 400                |
| 7        | /     | 100, 150                          |
| 8        | 5/16" | 110, 150, 200, 250, 300, 400      |
| 9        | /     | 110, 150                          |
| 10       | 3/8"  | 110, 150, 200, 250, 300, 400      |
| 11       | 7/16" | 150                               |
| 12       | /     | 120, 150, 200, 250, 300, 400, 600 |
| 13       | 1/2"  | 150, 300                          |
| 14       | 9/16" | 150, 200, 250, 300, 400, 600      |
| 16       | 5/8"  | 150, 200, 300, 400, 600           |
| 18       | /     | 160, 200, 400, 600                |
| 19       | 3/4"  | 300                               |
| 20       | /     | 160, 200, 400, 600                |
| 22       | 7/8"  | 160, 200, 300, 400                |
| 25       | /     | 160, 300                          |
| 26       | 1"    | 160, 300                          |

\* Please contact sales person for other diameters and lengths.

# MULTI-PURPOSE DRILL BITS



## **MULTI-PURPOSE DRILL BIT**

2-cutter design, specially ground diamond tip ensures fast and durable drilling.

Slots in carbide helps cool down for better performance.

For use in various materials: ceramic, tile, metal sheet, wood, brick, etc.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 4        | 5/32"  | 75           |
| 5        | 3/16"  | 85           |
| 6        | 15/64" | 100          |
| 8        | 5/16"  | 120          |
| 10       | 3/8"   | 120          |



## **MULTI-PURPOSE DRILL BIT**

2-cutter design, specially ground diamond tip ensures fast and durable drilling.

Robust tungsten carbide and special surface hardening.

For use in various materials: concrete, brick, metal sheet, wood, etc.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 4        | 5/32"  | 75           |
| 5        | 3/16"  | 85           |
| 5.5      | 7/32"  | 85           |
| 6        | 15/64" | 100          |
| 6.5      | 1/4"   | 100          |
| 7        | 9/32"  | 100          |
| 8        | 5/16"  | 120          |
| 10       | 3/8"   | 120          |
| 12       | 15/32" | 150          |

# HARD TILE DRILL BITS



## ***HARD TILE DRILL BIT***

Arrow shaped tip design.

1/4" hex shank & tri-flat shank.

Optimized for drilling in hard materials like porcelain, ceramic, marble and granite and more.

Dry & wet drilling.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 4        | 5/32"  | 80           |
| 5        | 3/16"  | 85           |
| 5.5      | 7/32"  | 100          |
| 6        | 15/64" | 100          |
| 7        | 9/32"  | 110          |
| 8        | 5/16"  | 110          |
| 10       | 3/8"   | 120          |
| 12       | 15/32" | 125          |



## ***V-GROOVE GLASS & TILE DRILL BIT***

Reinforced carbide head for increased durability.

Exact start tip for a minimal bit of walking.

Ideal for use in glass, tile and ceramic tile.

Dry & wet drilling.

For rotary use only.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 3        | 1/8"   | 51           |
| 4        | 5/32"  | 51           |
| 5        | 3/16"  | 51           |
| 5.5      | 7/32"  | 51           |
| 6        | 15/64" | 58           |
| 6.5      | 1/4"   | 58           |
| 7        | 9/32"  | 58           |
| 8        | 5/16"  | 58           |
| 10       | 3/8"   | 96           |
| 12       | 15/32" | 96           |
| 14       | 9/16"  | 96           |
| 16       | 5/8"   | 100          |

# GLASS DRILL BITS



## **GLASS DRILL BIT round shank**

Spear point design, 2-cutter and 4-cutter tips.

Cylindrical shank & tri-flat shank.

Suitable for drilling glass, tile, porcelain and ceramic.

Steady pressure and lubricants during drilling are recommended.

For rotary use only.

### **Product Specification**

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 3        | 1/8"   | 60           |
| 4        | 5/32"  | 60           |
| 5        | 3/16"  | 70           |
| 5.5      | 7/32"  | 75           |
| 6        | 15/64" | 75           |
| 6.5      | 1/4"   | 75           |
| 7        | 9/32"  | 80           |
| 8        | 5/16"  | 80           |
| 9        | 11/32" | 100          |
| 10       | 3/8"   | 100          |
| 11       | 7/16"  | 100          |
| 12       | 15/32" | 100          |

\*3mm diameter only with 2-cutter tip;



## **GLASS DRILL BIT 1/4" hex shank**

Spear point design, 2-cutter and 4-cutter tips.

1/4" hex shank is designed for use in power tools with quick change chucks and adapters.

Suitable for drilling glass, tile, porcelain and ceramic.

Steady pressure and lubricants during drilling are recommended.

For rotary use only.

### **Product Specification**

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 3        | 1/8"   | 90           |
| 4        | 5/32"  | 90           |
| 5        | 3/16"  | 90           |
| 5.5      | 7/32"  | 90           |
| 6        | 15/64" | 90           |
| 6.5      | 1/4"   | 90           |
| 7        | 9/32"  | 100          |
| 8        | 5/16"  | 100          |
| 9        | 11/32" | 100          |
| 10       | 3/8"   | 100          |
| 11       | 7/16"  | 100          |
| 12       | 15/32" | 100          |

\*3mm diameter only with 2-cutter tip;

# GLASS DRILL BITS



## ***GLASS DRILL BIT step tip***

Special designed carbide tip shape remains sharper longer with less tip breakage than standard glass and tile drill bits.

Suitable for drilling glass, tile, porcelain and ceramic.

Steady pressure and lubricants during drilling are recommended.

For rotary use only.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 3        | 1/8"   | 60           |
| 4        | 5/32"  | 60           |
| 5        | 3/16"  | 70           |
| 5.5      | 7/32"  | 75           |
| 6        | 15/64" | 75           |
| 6.5      | 1/4"   | 75           |
| 7        | 9/32"  | 80           |
| 8        | 5/16"  | 80           |
| 9        | 11/32" | 100          |
| 10       | 3/8"   | 100          |
| 11       | 7/16"  | 100          |
| 12       | 15/32" | 100          |



## ***GLASS DRILL BIT spiral flute***

Spiral flute design for easy dust rejection in deep hole drilling.

1/4" hex shank is designed for use in power tools with quick change chucks and adapters.

Suitable for drilling glass, tile, porcelain and ceramic.

Steady pressure and lubricants during drilling are recommended.

For rotary use only.

### Product Specification

| Diameter |        | Lengths (mm) |
|----------|--------|--------------|
| mm       | inch   |              |
| 4        | 5/32"  | 90           |
| 5        | 3/16"  | 90           |
| 5.5      | 7/32"  | 90           |
| 6        | 15/64" | 90           |
| 6.5      | 1/4"   | 90           |
| 7        | 9/32"  | 100          |
| 8        | 5/16"  | 100          |
| 9        | 11/32" | 100          |
| 10       | 3/8"   | 100          |
| 11       | 7/16"  | 100          |
| 12       | 15/32" | 100          |

# DIAMOND DRILL BITS



## ***DIAMOND DRILL BIT with 3/8" hex shank***

Vacuum brazed diamond grits ensure speedy drilling and longer service life.

Cooling wax filling up to 18mm for drying drilling.

Suitable for drilling ceramic, tiles, marble, granite and other hard masonry materials.

For rotary use only.

### **Product Specification**

| Diameter (mm) | Working length (mm) | Overall length (mm) | Grit   |
|---------------|---------------------|---------------------|--------|
| 5             | 35                  | 67                  | #40/50 |
| 6             | 35                  | 67                  | #40/50 |
| 7             | 40                  | 80                  | #40/50 |
| 8             | 40                  | 80                  | #40/50 |
| 10            | 40                  | 80                  | #40/50 |
| 12            | 40                  | 80                  | #40/50 |
| 14            | 40                  | 80                  | #40/50 |
| 15            | 40                  | 80                  | #40/50 |
| 16            | 40                  | 80                  | #40/50 |
| 18            | 40                  | 80                  | #40/50 |
| 20            | 40                  | 80                  | #40/50 |
| 25            | 40                  | 80                  | #40/50 |



## ***DIAMOND DRILL BIT with 1/4" hex shank***

Vacuum brazed diamond grits ensure speedy drilling and longer service life.

Cooling wax filling up to 18mm for drying drilling.

Suitable for drilling ceramic, tiles, marble, granite and other hard masonry materials.

For rotary use only.

### **Product Specification**

| Diameter (mm) | Working length (mm) | Overall length (mm) | Grit   |
|---------------|---------------------|---------------------|--------|
| 5             | 35                  | 65                  | #40/50 |
| 6             | 35                  | 65                  | #40/50 |
| 7             | 40                  | 80                  | #40/50 |
| 8             | 40                  | 80                  | #40/50 |
| 10            | 40                  | 80                  | #40/50 |
| 12            | 40                  | 80                  | #40/50 |
| 14            | 40                  | 80                  | #40/50 |
| 15            | 40                  | 80                  | #40/50 |
| 16            | 40                  | 80                  | #40/50 |
| 18            | 40                  | 80                  | #40/50 |
| 20            | 40                  | 80                  | #40/50 |
| 25            | 40                  | 80                  | #40/50 |

# DIAMOND DRILL BITS

## ***DIAMOND DRILL BIT with M14 thread shank***

Vacuum brazed diamond grits ensure speedy drilling and longer service life.

Cooling wax filling up to 16mm for drying drilling.

Suitable for drilling ceramic, tiles, marble, granite and other hard masonry materials.

M14 thread shank for connecting to angle grinder.



### Product Specification

| Diameter (mm) | Working length (mm) | Overall length (mm) | Grit   |
|---------------|---------------------|---------------------|--------|
| 6             | 35                  | 60                  | #40/50 |
| 8             | 35                  | 60                  | #40/50 |
| 10            | 35                  | 60                  | #40/50 |
| 12            | 35                  | 60                  | #40/50 |
| 14            | 35                  | 60                  | #40/50 |
| 16            | 35                  | 60                  | #40/50 |
| 18            | 40                  | 60                  | #40/50 |
| 20            | 40                  | 60                  | #40/50 |
| 22            | 40                  | 60                  | #40/50 |
| 25            | 40                  | 60                  | #40/50 |
| 28            | 40                  | 60                  | #40/50 |
| 30            | 40                  | 60                  | #40/50 |
| 32            | 40                  | 60                  | #40/50 |
| 35            | 40                  | 60                  | #40/50 |
| 40            | 40                  | 60                  | #40/50 |
| 45            | 40                  | 60                  | #40/50 |
| 50            | 40                  | 60                  | #40/50 |
| 55            | 40                  | 60                  | #40/50 |
| 60            | 40                  | 60                  | #40/50 |

# HSS TWIST DRILL BITS

## *HSS DIN338 JOBBER DRILL BIT*

Split 118° or 135° tip point for optimum, extremely accurate starting.

Parallel shank twist drill design.

Cobalt, TiN-Coated, Bright, Black-oxidized surfaces.



| Dia<br>(mm) | Flute Length<br>(mm) | Total Length<br>(mm) |
|-------------|----------------------|----------------------|
| 1.0         | 12                   | 34                   |
| 1.5         | 20                   | 43                   |
| 2.0         | 24                   | 49                   |
| 2.5         | 30                   | 57                   |
| 3.0         | 33                   | 61                   |
| 3.2         | 36                   | 65                   |
| 3.5         | 39                   | 70                   |
| 4.0         | 43                   | 75                   |
| 4.2         | 43                   | 75                   |
| 4.5         | 47                   | 80                   |
| 5.0         | 52                   | 86                   |
| 5.5         | 57                   | 93                   |
| 6.0         | 57                   | 93                   |
| 6.5         | 63                   | 101                  |
| 7.0         | 69                   | 109                  |
| 7.5         | 69                   | 109                  |
| 8.0         | 75                   | 117                  |
| 8.5         | 75                   | 117                  |
| 9.0         | 81                   | 125                  |
| 9.5         | 81                   | 125                  |
| 10.0        | 87                   | 133                  |
| 10.5        | 87                   | 133                  |
| 11.0        | 94                   | 142                  |
| 11.5        | 94                   | 142                  |
| 12.0        | 101                  | 151                  |
| 12.5        | 101                  | 151                  |
| 13.0        | 101                  | 151                  |
| 14.0        | 108                  | 160                  |
| 16.0        | 120                  | 178                  |
| 18.0        | 130                  | 191                  |
| 20.0        | 140                  | 205                  |

# HSS TWIST DRILL BITS

## *HSS DIN340 LONG DRILL BIT*

Split 118° or 135° tip point for optimum, extremely accurate starting.

Parallel shank twist drill design.

Cobalt, TiN-Coated, Bright, Black-oxidized surfaces.



| Dia<br>(mm) | Flute Length<br>(mm) | Total Length<br>(mm) |
|-------------|----------------------|----------------------|
| 2.0         | 56                   | 85                   |
| 2.5         | 62                   | 95                   |
| 3.0         | 63                   | 100                  |
| 3.2         | 69                   | 106                  |
| 3.5         | 73                   | 110                  |
| 4.0         | 78                   | 119                  |
| 4.2         | 78                   | 119                  |
| 4.5         | 82                   | 126                  |
| 5.0         | 87                   | 132                  |
| 5.5         | 91                   | 139                  |
| 6.0         | 91                   | 139                  |
| 6.5         | 97                   | 148                  |
| 7.0         | 102                  | 156                  |
| 7.5         | 102                  | 156                  |
| 8.0         | 109                  | 165                  |
| 8.5         | 109                  | 165                  |
| 9.0         | 115                  | 175                  |
| 9.5         | 115                  | 175                  |
| 10.0        | 121                  | 184                  |
| 10.5        | 121                  | 184                  |
| 11.0        | 128                  | 195                  |
| 11.5        | 128                  | 195                  |
| 12.0        | 134                  | 205                  |
| 12.5        | 134                  | 205                  |
| 13.0        | 134                  | 205                  |

# HSS TWIST DRILL BITS

## ***HSS BLACKSMITH DRILL BIT with reduced shank***

Split 118° or 135° tip point for optimum, extremely accurate starting.

Parallel shank twist drill design.

Reduced shank enables large-diameter holes in a standard drill chuck.



| Dia (mm) | Flute Length (mm) | Total Length (mm) | Shank Dia (mm) |
|----------|-------------------|-------------------|----------------|
| 10.0     | 87                | 133               | 8.0            |
| 10.5     | 87                | 133               | 8.0            |
| 11.0     | 94                | 142               | 10.0           |
| 11.5     | 94                | 142               | 10.0           |
| 12.0     | 101               | 151               | 10.0           |
| 12.5     | 101               | 151               | 10.0           |
| 13.0     | 101               | 151               | 10.0           |
| 13.5     | 108               | 160               | 10.0           |
| 14.0     | 108               | 160               | 10.0           |
| 14.5     | 114               | 169               | 10.0           |
| 15.0     | 114               | 169               | 10.0           |
| 16.0     | 120               | 178               | 10.0           |
| 16.5     | 125               | 184               | 13.0           |
| 17.0     | 125               | 184               | 13.0           |
| 18.0     | 130               | 191               | 13.0           |
| 19.0     | 135               | 198               | 13.0           |
| 20.0     | 140               | 205               | 13.0           |
| 22.0     | 150               | 230               | 13.0           |
| 24.0     | 160               | 250               | 13.0           |
| 25.0     | 160               | 250               | 13.0           |

## ***HSS DIN1897 STUB DRILL BIT***

Split 118° or 135° tip point for optimum, extremely accurate starting.

Parallel shank twist drill design.



| Dia (mm) | Flute Length (mm) | Total Length (mm) |
|----------|-------------------|-------------------|
| 2.0      | 12                | 38                |
| 3.0      | 16                | 46                |
| 4.0      | 22                | 55                |
| 5.0      | 26                | 62                |
| 6.0      | 28                | 66                |
| 7.0      | 34                | 74                |
| 8.0      | 37                | 79                |
| 9.0      | 40                | 84                |
| 10.0     | 43                | 89                |

# HSS TWIST DRILL BITS



## ***HSS DIN338 DRILL BIT with self-centering tip***

135° tip point with self-centering tip for quick and slipless starting.

Stays sharper longer and drills faster.

3.0~13.0mm diameter



## ***HSS DIN338 DRILL BIT with step tip***

Step tip design reduces heat & stays sharper longer.

135° tip point.

3.0~13.0mm diameter



## ***HSS DIN338 DRILL BIT with multi-edge tip***

135° tip point with self-centering tip for quick and slipless starting.

Reduces friction and drills faster.

3.0~13.0mm diameter

# HSS STEP DRILL BITS

## HSS STEP DRILL BIT



Spiral flute and straight flute designs.

Performs smooth drilling in several diameters with one drill bit.

Suitable for drilling in sheet metal, plastic, etc.

| Size (mm) | Step | Length (mm) |
|-----------|------|-------------|
| 4-12      | 5    | 65          |
| 4-12      | 9    | 65          |
| 4-20      | 9    | 75          |
| 4-22      | 10   | 80          |
| 4-30      | 14   | 100         |
| 4-32      | 15   | 105         |
| 4-39      | 14   | 107         |
| 5-28      | 7    | 69          |
| 5-28.3    | 10   | 72          |
| 5-35      | 13   | 100         |
| 5-38      | 14   | 95          |
| 6-18      | 7    | 67          |
| 6-20      | 8    | 71          |
| 6-24      | 10   | 80          |
| 6-25      | 7    | 65          |
| 6-30      | 13   | 98          |
| 6-30.5    | 10   | 100         |

| Size (mm) | Step | Length (mm) |
|-----------|------|-------------|
| 6-32      | 8    | 75          |
| 6-32      | 9    | 76          |
| 6-37      | 12   | 100         |
| 6-38      | 12   | 100         |
| 6-40      | 16   | 105         |
| 7-40.5    | 7    | 110         |
| 9-36      | 10   | 86          |
| 10-20     | 11   | 86          |
| 12-20     | 9    | 76          |
| 13-38     | 10   | 112         |
| 14-24     | 6    | 67          |
| 14-25     | 7    | 71          |
| 20-30     | 11   | 88          |
| 20-34     | 8    | 75          |
| 30-40     | 11   | 98          |
| 40-50     | 11   | 107         |
| 50-60     | 11   | 120         |

## HSS CONICAL DRILL BIT



Spiral flute and straight flute designs.

For drilling in sheet metal.

| Size (mm) | Length (mm) | Shank Dia (mm) |
|-----------|-------------|----------------|
| 3-14      | 58          | 6              |
| 5-20      | 75          | 8              |
| 6-20      | 63          | 8              |
| 6-30      | 97          | 10             |
| 16-30.5   | 76          | 9              |
| 26-40     | 86          | 10             |

# HSS 90°DEBURRING COUNTERSINKS



## **HSS 90° COUNTERSINK**

Three cutting edges design.

Precision ground 90°tip angle.

For smooth countersink and debur finish in metals and all types of wood.

| Diamter (mm) | Tip Diameter (mm) | Overall Length (mm) |
|--------------|-------------------|---------------------|
| 6.3          | 1.5               | 45                  |
| 8.3          | 2                 | 50                  |
| 10.4         | 2.5               | 50                  |
| 12.4         | 2.8               | 56                  |
| 16.5         | 3.2               | 60                  |
| 20.5         | 3.5               | 63                  |
| 25           | 3.8               | 67                  |

\* Please contact sales person for other diameters and lengths.



## **HSS DEBURRING COUNTERSINK**

Countersink and debur in one operation.

Precision ground 90°tip angle.

For smooth countersink and debur finish in metals and all types of wood.

| For thread | Diameter (mm) | Overall Length (mm) |
|------------|---------------|---------------------|
| 2-5        | 10            | 45                  |
| 5-10       | 14            | 48                  |
| 10-15      | 21            | 65                  |
| 15-20      | 28            | 85                  |
| 20-25      | 35            | 102                 |
| 25-30      | 44            | 115                 |

\* Please contact sales person for other diameters and lengths.

# FLAT WOOD BIT

## **FLAT WOOD BIT standard**

Tri-point with cutting edges.

For drilling in soft and hard wood.

1/4" quick release shank type.

Length: 152mm(6") and 400mm (16").



### Product Specification

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 6       | 1/4"      | 1/4"        |
| 8       | 5/16"     | 1/4"        |
| 10      | 3/8"      | 1/4"        |
| 11      | 7/16"     | 1/4"        |
| 12      | -         | 1/4"        |
| 13      | 1/2"      | 1/4"        |
| 14      | 9/16"     | 1/4"        |
| 16      | 5/8"      | 1/4"        |
| 17      | 11/16"    | 1/4"        |

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 18      | -         | 1/4"        |
| 19      | 3/4"      | 1/4"        |
| 20      | 13/16"    | 1/4"        |
| 22      | 7/8"      | 1/4"        |
| 23      | -         | 1/4"        |
| 24      | 15/16"    | 1/4"        |
| 25      | 1"        | 1/4"        |
| 26      | -         | 1/4"        |
| 28      | 1-1/8"    | 1/4"        |

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 30      | -         | 1/4"        |
| 32      | 1-1/4"    | 1/4"        |
| 34      | -         | 1/4"        |
| 35      | 1-3/8"    | 1/4"        |
| 36      | -         | 1/4"        |
| 38      | 1-1/2"    | 1/4"        |
| 40      | -         | 1/4"        |

## **FALT WOOD BIT heavy duty**

Beveled pilot point.

Oversized shaft for greater strength and durability.

For drilling in soft and hard wood.

1/4" quick release shank type.

Length: 152mm(6").



### Product Specification

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 6       | 1/4"      | 1/4"        |
| 8       | 5/16"     | 1/4"        |
| 10      | 3/8"      | 1/4"        |
| 11      | 7/16"     | 1/4"        |
| 12      | -         | 1/4"        |
| 13      | 1/2"      | 1/4"        |
| 14      | 9/16"     | 1/4"        |
| 16      | 5/8"      | 1/4"        |
| 17      | 11/16"    | 1/4"        |

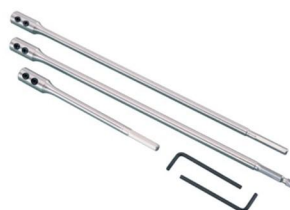
| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 18      | -         | 1/4"        |
| 19      | 3/4"      | 1/4"        |
| 20      | 13/16"    | 1/4"        |
| 22      | 7/8"      | 1/4"        |
| 23      | -         | 1/4"        |
| 24      | 15/16"    | 1/4"        |
| 25      | 1"        | 1/4"        |
| 26      | -         | 1/4"        |
| 28      | 1-1/8"    | 1/4"        |

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 30      | -         | 1/4"        |
| 32      | 1-1/4"    | 1/4"        |
| 34      | -         | 1/4"        |
| 35      | 1-3/8"    | 1/4"        |
| 36      | -         | 1/4"        |
| 38      | 1-1/2"    | 1/4"        |
| 40      | -         | 1/4"        |

## **EXTENSION for flat bit**

For flat bit with 6.35mm (1/4") hex shank.

Length: 152mm(6") and 300mm (12").



# AUGER WOOD BIT & TCT HINGE CUTTER

## AUGER WOOD BIT 3-flute

Tri-point with cutting edge.

With self-feeding screw point.

For drilling in soft and hard wood.

1/4" quick release shank type.

Length: 159mm.

### Product Specification

| Dia(mm) | Dia(inch) | Drive Shank |
|---------|-----------|-------------|
| 12      | -         | 1/4"        |
| 14      | 9/16"     | 1/4"        |
| 16      | 5/8"      | 1/4"        |
| 18      | -         | 1/4"        |
| 20      | 13/16"    | 1/4"        |
| 22      | 7/8"      | 1/4"        |
| 24      | 15/16"    | 1/4"        |
| 25      | 1"        | 1/4"        |
| 28      | 1-1/8"    | 1/4"        |
| 30      | -         | 1/4"        |
| 32      | 1-1/4"    | 1/4"        |
| 35      | 1-3/8"    | 1/4"        |
| 38      | 1-1/2"    | 1/4"        |



## TCT HINGE CUTTER

Heavy duty tungsten carbide-tipped.

With centre point and outer spurs.

For drilling in soft and hard wood.

### Product Specification

| Dia (mm) | Drill Depth (mm) | Shank dia (mm) |
|----------|------------------|----------------|
| 14       | 8                | 8              |
| 15       | 10               | 8              |
| 16       | 10               | 8              |
| 18       | 10               | 8              |
| 20       | 10               | 8              |
| 22       | 10               | 8              |
| 25       | 12               | 8              |
| 26       | 12               | 8              |
| 28       | 12               | 8              |

| Dia (mm) | Drill Depth (mm) | Shank dia (mm) |
|----------|------------------|----------------|
| 30       | 12               | 8              |
| 32       | 12               | 10             |
| 35       | 12               | 10             |
| 38       | 15               | 10             |
| 40       | 15               | 10             |
| 45       | 15               | 10             |
| 50       | 15               | 10             |
| 53       | 15               | 10             |
| 54       | 15               | 10             |



# AUGER DRILL BITS



## AUGER DRILL BIT

Self-feed screw point for accurate drilling.

Hardened cutter and cutting edge ensures long drilling life.

Hex shank, SDS-plus shank and 7/16" quick change shank to cater for different drilling machines.

For use in hardwood and softwood.

### Product Specification

| Diameter (mm) | Available in Overall Lengths (mm) |
|---------------|-----------------------------------|
| 6             | 230, 320                          |
| 7             | 230, 320                          |
| 8             | 230, 320                          |
| 10            | 230, 320, 460                     |
| 12            | 230, 320, 460, 620                |
| 13            | 230, 320, 460, 620                |
| 14            | 230, 320, 460, 620                |
| 16            | 230, 320, 460, 620                |
| 18            | 230, 320, 460, 620                |
| 19            | 230, 320, 460, 620                |
| 20            | 230, 320, 460, 620                |
| 22            | 230, 320, 460, 620                |
| 24            | 230, 320, 460, 620                |
| 25            | 230, 320, 460, 620                |
| 28            | 230, 320, 460, 620                |
| 30            | 230, 320, 460, 620                |
| 32            | 230, 320, 460, 620                |
| 34            | 230, 320, 460, 620                |
| 36            | 230, 320, 460, 620                |

# BRAD POINT WOOD DRILL BITS



## ***BRAD POINT WOOD DRILL BIT***

Ground center point and two spurs design ensures exact starting and clean drill holes.

Special surface hardening improves the drilling performance.

Round shank developed for power drills and cordless drills.

For use in hardwood and softwood.

### Product Specification

| Diameter (mm) | Available in Overall Lengths (mm) |
|---------------|-----------------------------------|
| 3             | 60                                |
| 4             | 75                                |
| 5             | 85                                |
| 6             | 93, 200, 250, 300, 400            |
| 7             | 100, 200, 250, 300, 400           |
| 8             | 110, 200, 250, 300, 400           |
| 9             | 115, 200, 250, 300, 400           |
| 10            | 120, 200, 250, 300, 400           |
| 11            | 130, 200, 250, 300, 400           |
| 12            | 140, 200, 250, 300, 400           |
| 13            | 140, 200, 250, 300, 400           |
| 14            | 150, 200, 250, 300, 400           |
| 15            | 155, 200, 250, 300, 400           |
| 16            | 160, 200, 250, 300, 400           |
| 18            | 180, 200, 250, 300, 400           |
| 20            | 200, 250, 300, 400                |
| 22            | 200, 250, 300, 400                |
| 24            | 200, 250, 300, 400                |
| 26            | 200, 250, 300, 400                |

# WOOD COUNTERSINK & PLUG CUTTER

## WOOD COUNTERSINK DRILL BIT

Drill, countersink and counterbore the perfect sized hole for #4, #6, #8, #10, and #12 screws.

Pilot bits are adjustable for different length screws.

1/4" quick change hex shank.

For use in hardwood and softwood.



### Product Specification

| Screw  |             | Pilot bit dia (mm) | Countersink size (mm) |
|--------|-------------|--------------------|-----------------------|
| Number | Size (inch) |                    |                       |
| #4     | 5/64"       | 2.0                | 9.5                   |
| #6     | 3/32"       | 2.4                | 9.5                   |
| #8     | 7/64"       | 2.8                | 9.5                   |
| #10    | 1/8"        | 3.2                | 9.5                   |
| #12    | 9/64"       | 3.6                | 12.7                  |

## WOOD PLUG CUTTER

Crete wood plugs out of wood block to fill countersunk holes.

1/4" hex shank or round shank available.

For use in hardwood and softwood.



### Product Specification

| Diameter |      | Length (mm) |
|----------|------|-------------|
| Inch     | mm   |             |
| 1/4"     | 6.3  | 51          |
| 3/8"     | 9.5  | 51          |
| 1/2"     | 12.7 | 51          |
| 5/8"     | 15.9 | 51          |



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