



**INDUSTRIAL**

# Countersinks

Counterbores and more!

## 82° COUNTERSINKS

*Carbide Tipped • For Wood Screws • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill*

Used to countersink holes for the heads of screws. The 2-flute integral design ensures uniform and concentric results each and every time. Carbide tips provide chip-free hole edges and lasts much longer than steel countersinks.

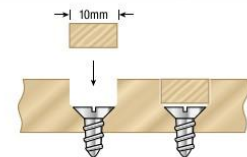
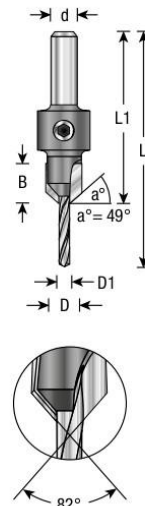
### Excellent For Drilling:

- Natural Woods
- Man-Made Boards
- MDF
- Chipboard
- Plywood
- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Composites
- Composite Decking Materials

| Wood Screw Size | ØD    | ØD1   | B   | Ød   | L1    | L      | Repl. Drill Bit | Tool No.         |
|-----------------|-------|-------|-----|------|-------|--------|-----------------|------------------|
| #4              | 11/32 | 3/32  | 1/2 | 5/16 | 1-5/8 | 2-1/4  | 630-002         | 55200            |
| #4              | 3/8   | 5/64  | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-001         | 55207 <i>New</i> |
| #4              | 3/8   | 7/64  | 1/2 | 5/16 | 1-5/8 | 2-3/8  | 630-098         | 55201            |
| #6              | 5/16  | 1/8   | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-102         | 55203            |
| #6              | 3/8   | 1/8   | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-102         | 55202            |
| #6              | 1/2   | 1/8   | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-102         | 55205            |
| #6              | 25/64 | 9/64  | 1/2 | 5/16 | 1-5/8 | 2-3/4  | 630-802         | 55204            |
| #8              | 25/64 | 5/32  | 1/2 | 5/16 | 1-5/8 | 2-7/8  | 630-202         | 55206            |
| #8              | 7/16  | 11/64 | 1/2 | 5/16 | 1-5/8 | 3      | 630-302         | 55208            |
| #10             | 7/16  | 3/16  | 1/2 | 3/8  | 1-3/4 | 3      | 630-402         | 55210            |
| #10             | 1/2   | 3/16  | 1/2 | 3/8  | 1-3/4 | 3      | 630-402         | 55211            |
| #12             | 15/32 | 7/32  | 1/2 | 3/8  | 1-3/4 | 3      | 630-502         | 55212            |

Replacement set screw #67083.

**▲ Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.



## AlTiN COATED 82° COUNTERSINKS

*Carbide Tipped • For Wood Screws • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill*

AlTiN coating provides chip-free edges and last longer than uncoated carbide tipped and much longer than steel countersinks. The 2-flute integral design ensures uniform and concentric results each and every time. Used to countersink holes for the heads of screws.

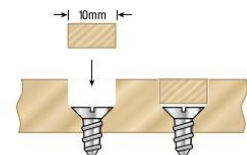
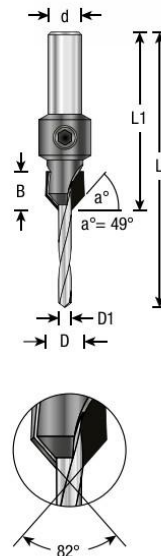
### AlTiN COATED BITS

### Excellent For Drilling:

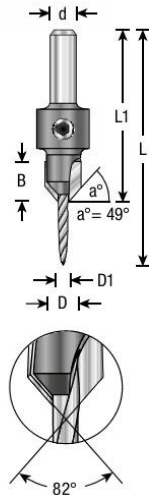
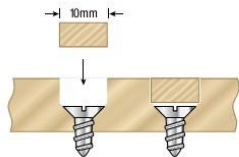
- Natural Woods
- Man-Made Boards
- MDF
- Chipboard
- Plywood
- Composites
- Composite Decking Materials

| Wood Screw Size | ØD    | ØD1   | B   | Ød   | L1    | L      | Repl. Drill Bit | Tool No. |
|-----------------|-------|-------|-----|------|-------|--------|-----------------|----------|
| #4              | 11/32 | 3/32  | 1/2 | 5/16 | 1-5/8 | 2-1/4  | 630-002         | 55200XL  |
| #6              | 3/8   | 1/8   | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-102         | 55202XL  |
| #8              | 25/64 | 5/32  | 1/2 | 5/16 | 1-5/8 | 2-7/8  | 630-202         | 55206XL  |
| #8              | 7/16  | 11/64 | 1/2 | 5/16 | 1-5/8 | 3      | 630-302         | 55208XL  |

Replacement set screw #67083.



*Adjustable Depth-Stop  
No-Mar Adapters  
See page 297*



## 82° COUNTERSINKS

Carbide Tipped • 2-Wing • With Slow Spiral,  
HSS M2 DIN 338 Fully Ground Tapered Drill

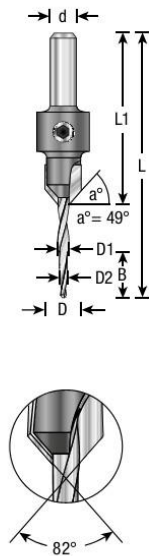
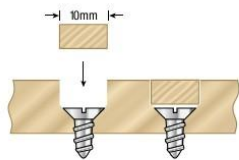
Used to countersink holes for the heads of screws. The 2-flute integral design ensures uniform and concentric results each and every time.

Excellent For Drilling:

- Natural Woods
  - Man-Made Boards
  - MDF
  - Chipboard
  - Plywood
- Aluminum/Non-Ferrous
  - Aluminum Composite Material (ACM)
  - Composites
  - Composite Decking Materials

| Wood Screw Size | ØD    | ØD1   | B   | Ød   | L1    | L      | Repl. Drill Bit | Tool No. |
|-----------------|-------|-------|-----|------|-------|--------|-----------------|----------|
| #4              | 11/32 | 3/32  | 1/2 | 5/16 | 1-5/8 | 2-1/4  | 630-262         | 55600    |
| #6              | 3/8   | 1/8   | 1/2 | 5/16 | 1-5/8 | 2-9/16 | 630-266         | 55602    |
| #6              | 25/64 | 9/64  | 1/2 | 5/16 | 1-5/8 | 3      | 630-268         | 55604    |
| #8              | 7/16  | 11/64 | 1/2 | 5/16 | 1-5/8 | 3-1/4  | 630-272         | 55608    |
| #10             | 7/16  | 3/16  | 1/2 | 3/8  | 2     | 3-1/2  | 630-274         | 55610    |

Replacement set screw #67083.



## 82° COUNTERSINKS New

Carbide Tipped • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Stepped Drill

Used to countersink holes for the heads of screws. The 2-flute integral design ensures uniform and concentric results each and every time.

Excellent For Drilling:

- Natural Woods
  - Man-Made Boards
  - MDF
  - Chipboard
  - Plywood
- Aluminum/Non-Ferrous
  - Aluminum Composite Material (ACM)
  - Composites
  - Composite Decking Materials

| Soft Wood Screw Size | Hard Wood Screw Size | ØD    | ØD1   | ØD2  | B   | Ød   | L1    | L     | Repl. Drill Bit | Tool No. |
|----------------------|----------------------|-------|-------|------|-----|------|-------|-------|-----------------|----------|
| #6                   | #5                   | 25/64 | 9/64  | 3/32 | 5/8 | 5/16 | 1-3/4 | 2-3/4 | 630-010         | 55120    |
| #8                   | #6                   | 25/64 | 5/32  | 7/64 | 3/4 | 5/16 | 1-3/4 | 3     | 630-012         | 55122    |
| #9-10                | #8                   | 7/16  | 11/64 | 1/8  | 7/8 | 5/16 | 1-3/4 | 3-1/8 | 630-014         | 55124    |
| #12                  | #9-10                | 7/16  | 3/16  | 9/64 | 1   | 5/16 | 2     | 3-3/8 | 630-016         | 55126    |

Replacement set screw #67083.



CNC Countersinks  
for Composites  
See page 38

**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

## 82° COUNTERSINKS

*Quick Release 1/4" Hex Shank • Carbide Tipped • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill*

Drill pilot hole and tapered countersink for wood screws. The 2-flute integral design ensures uniform and concentric results each and every time.

### Excellent For Drilling:

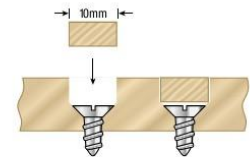
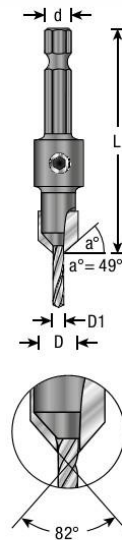
- Natural Woods
- Man-Made Boards
- MDF
- Chipboard
- Plywood
- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Composites
- Composite Decking Materials

| Wood Screw Size | ØD  | ØD1  | a°  | Ød  | L     | Optional Depth-Stop | Repl. Drill Bit | Tool No. |
|-----------------|-----|------|-----|-----|-------|---------------------|-----------------|----------|
| #4              | 3/8 | 5/64 | 49° | 1/4 | 2-1/8 | 608-120             | 630-001         | 55260    |
| #6              | 3/8 | 3/32 | 49° | 1/4 | 2-1/8 | 608-120             | 630-002         | 55262    |
| #8              | 3/8 | 7/64 | 49° | 1/4 | 2-1/8 | 608-120             | 630-098         | 55264    |
| #10             | 3/8 | 1/8  | 49° | 1/4 | 2-1/8 | 608-120             | 630-102         | 55266    |
| #12             | 1/2 | 9/64 | 49° | 1/4 | 2-1/8 | 608-122             | 630-802         | 55268    |
| #12 to #14      | 3/8 | 5/32 | 49° | 1/4 | 2-1/8 | 608-120             | 630-202         | 55269    |

Replacement parts: Set screw #67083; Hex key #5009.



Optional Depth-Stop #608-120



## 82° COUNTERSINKS

*Quick Release 1/4" Hex Shank • Carbide Tipped • 2-Wing  
With Taper Point HSS M2 DIN 338 Fully Ground Drill*

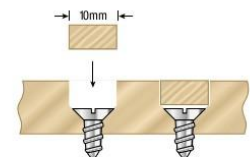
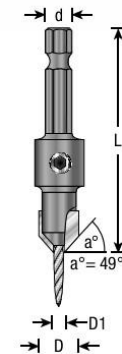
Drill pilot hole and tapered countersink for wood screws. The 2-flute integral design ensures uniform and concentric results each and every time.

### Excellent For Drilling:

- Natural Woods
- Man-Made Boards
- MDF
- Chipboard
- Plywood
- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Composites
- Composite Decking Materials

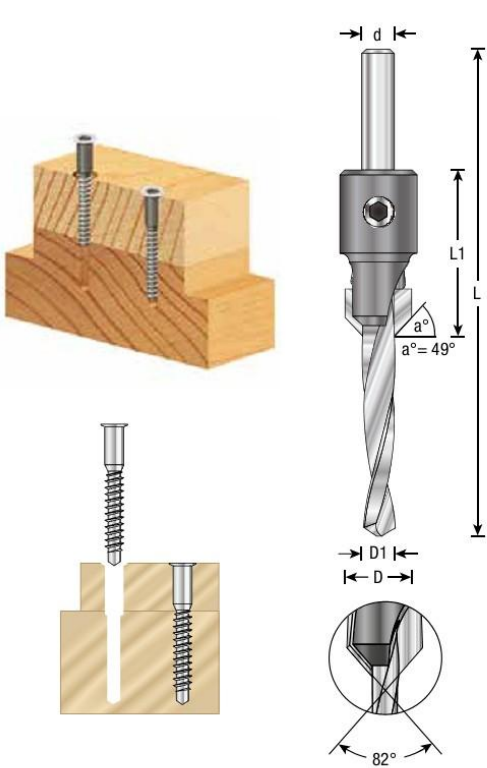
| Wood Screw Size | ØD  | ØD1  | a°  | Ød  | L     | Repl. Drill Bit | Tool No. |
|-----------------|-----|------|-----|-----|-------|-----------------|----------|
| #4              | 3/8 | 5/64 | 49° | 1/4 | 2-1/8 | 630-260         | 55620    |
| #6              | 3/8 | 3/32 | 49° | 1/4 | 2-1/8 | 630-262         | 55622    |
| #8              | 3/8 | 7/64 | 49° | 1/4 | 2-1/8 | 630-264         | 55624    |
| #10             | 3/8 | 1/8  | 49° | 1/4 | 2-1/8 | 630-266         | 55626    |
| #12             | 1/2 | 9/64 | 49° | 1/4 | 2-1/8 | 630-268         | 55628    |

Replacement parts: Set screw #67083; Hex key #5009.



**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.





### 82° SHANKLESS COUNTERSINKS New

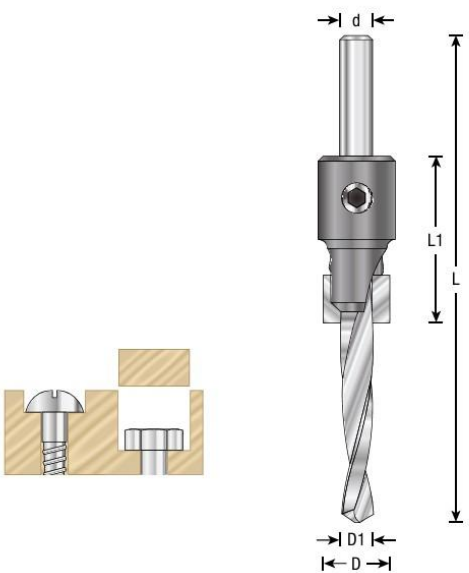
Carbide Tipped • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill

Used to countersink holes for the heads of screws. The 2-flute integral design ensures uniform and concentric results each and every time.

**Excellent For Drilling:**

- Natural Woods
  - Man-Made Boards
  - MDF
  - Chipboard
  - Plywood
- Aluminum/Non-Ferrous
  - Aluminum Composite Material (ACM)
  - Composites
  - Composite Decking Materials

| Wood Screw Size | ØD  | ØD1  | Ød   | L1    | L       | Repl. Drill Bit | Tool No. |
|-----------------|-----|------|------|-------|---------|-----------------|----------|
| #20             | 5/8 | 5/16 | 5/16 | 1-1/2 | 4-5/8   | 630-704         | 55130    |
| #20             | 3/4 | 5/16 | 5/16 | 1-1/2 | 4-5/8   | 630-704         | 55132    |
| #24             | 3/4 | 3/8  | 3/8  | 1-1/2 | 4-15/16 | 630-706         | 55134    |
| #24             | 1   | 3/8  | 3/8  | 2     | 4-15/16 | 630-706         | 55136    |



### SHANKLESS COUNTERBORES New

Carbide Tipped • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill

Used to countersink holes for the heads of screws. The 2-flute integral design ensures uniform and concentric results each and every time.

**Excellent For Drilling:**

- Natural Woods
  - Man-Made Boards
  - MDF
  - Chipboard
  - Plywood
- Aluminum/Non-Ferrous
  - Aluminum Composite Material (ACM)
  - Composites
  - Composite Decking Materials

| Wood Screw Size | ØD    | ØD1  | Ød   | L1    | L       | Repl. Drill Bit | Tool No. |
|-----------------|-------|------|------|-------|---------|-----------------|----------|
| #20             | 5/8   | 5/16 | 5/16 | 1-1/2 | 4-5/8   | 630-704         | 55140    |
| #20             | 3/4   | 5/16 | 5/16 | 1-1/2 | 4-5/8   | 630-704         | 55141    |
| #24             | 3/4   | 3/8  | 3/8  | 1-1/2 | 4-15/16 | 630-706         | 55142    |
| #24             | 1     | 3/8  | 3/8  | 2     | 4-15/16 | 630-706         | 55143    |
| —               | 1     | 1/2  | 1/2  | 2     | 5-15/16 | 630-708         | 55144    |
| —               | 1-1/8 | 1/2  | 1/2  | 2     | 5-15/16 | 630-708         | 55145    |

**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

## COUNTERBORES

*Quick Release 1/4" Hex Shank • Carbide Tipped • 2-Wing  
With Slow Spiral, HSS M2 DIN 338 Fully Ground Drill*

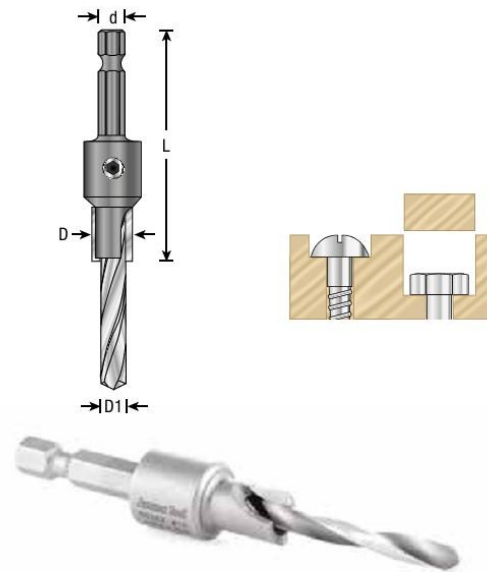
Flat bottom counterbores for using round head screws, hex bolts, etc.  
Includes pilot drill.

### Excellent For Drilling:

- Natural Woods
- Man-Made Boards
- MDF
- Chipboard
- Plywood
- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Composites
- Composite Decking Materials

| ØD  | ØD1  | Ød  | L      | Repl.<br>Drill Bit | Tool No. |
|-----|------|-----|--------|--------------------|----------|
| 3/8 | 3/16 | 1/4 | 2-3/16 | 630-402            | 55282    |
| 1/2 | 1/4  | 1/4 | 2-3/4  | 630-702            | 55286    |
| 5/8 | 1/4  | 1/4 | 2-3/4  | 630-702            | 55288    |

Replacement parts: Set screw #67083; Hex key #5009.



## ADJUSTABLE DEPTH-STOP NO-MAR ADAPTER WITH NO THRUST BEARING

*For Amana Tool® 5/16" Dia. Round Shank Carbide Tipped  
Countersinks & Counterbores*

### No Burning, No Marring & No Friction

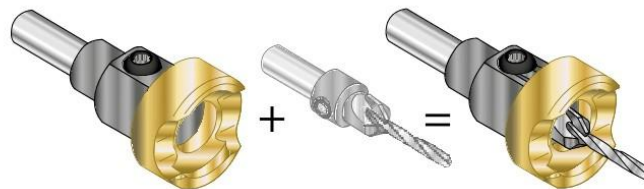
Adjustable, no friction, heavy-duty revolving metal depth stopper produces a clean surface and provides simple, adjustable depth-stop developed for quick and easy adjustment of the countersink and drill depth. The user friendly design enables control of both without the need to disassemble the depth-stop.

The minimum countersink depth while using the adapter will be 1/16" and the maximum 3/8".

Fits the following Amana Tool® carbide tipped countersinks and counterbores with a 5/16" diameter round shank:

- 55200
- 55202
- 55204
- 55206XL
- 55600
- 55608
- 55200XL
- 55202XL
- 55205
- 55208
- 55602
- 55201
- 55203
- 55206
- 55208XL
- 55604

| ØD    | Ød  | L (Adjustable)  | Tool No. |
|-------|-----|-----------------|----------|
| 1-1/4 | 3/8 | 2-1/2 - 2-25/32 | 55246    |



(Countersink sold separately)



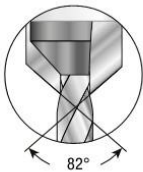
**No-Thrust Ball Bearing**  
eliminates the scratching  
or burning of the surface.



**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

**INDUSTRIAL BORING BITS**

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*A **must-have** tool for every woodworker!*

**82° COUNTERSINK WITH ADJUSTABLE DEPTH-STOP & NO-THRUST BEARING**

*Quick Release 1/4" Hex Shank • Carbide Tipped  
2-Wing With HSS M2 Fully Ground Drill*

**No Burning, No Marring & No Friction**

Features an adjustable, heavy-duty, revolving metal depth-stopper with a strong thrust ball bearing for quick and easy adjustment of the countersink depth without scratching or burning surfaces. The open space allows for chip evacuation.

User friendly design enables control of the drill length and its replacement, without the need to disassemble the depth-stop.

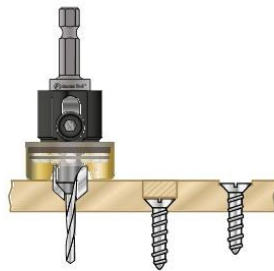
Enables users to drill a pilot hole and tapered countersink in one step. Adjustable depth stop and independent stop collar prevent marking of the work-piece and perfect countersink depth control.

**Excellent For Drilling:**

- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Chipboard
- Composites
- Composite Decking Materials
- Man-Made Boards
- MDF
- Natural Woods
- Plywood



**No-Thrust Ball Bearing**  
eliminates the scratching  
or burning of the surface.



| Wood Screw |     |       |          | a°  | Ød  | L     | Drill<br>DIN | Repl.<br>Drill Bit | Tool No.         |
|------------|-----|-------|----------|-----|-----|-------|--------------|--------------------|------------------|
| Size       | ØD  | ØD1   | B        |     |     |       |              |                    |                  |
| #4         | 3/8 | 5/64  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897         | 630-220            | 55226 <i>New</i> |
| #4         | 3/8 | 3/32  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 338          | 630-222            | 55225            |
| #6         | 3/8 | 7/64  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 338          | 630-224            | 55241 <i>New</i> |
| #6         | 3/8 | 1/8   | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897         | 630-226            | 55227            |
| #6         | 3/8 | 9/64  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897         | 630-228            | 55228            |
| #8         | 3/8 | 5/32  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897         | 630-230            | 55229            |
| #8         | 1/2 | 11/64 | 3/64-3/8 | 49° | 1/4 | 2-3/4 | 1897         | 630-234            | 55240            |
| #10        | 1/2 | 3/16  | 3/64-3/8 | 49° | 1/4 | 2-3/4 | 1897         | 630-236            | 55242            |

Replacement NF1/4 x 1/4 set screw #67070 for tightening depth stop.

Replacement NF1/4-28 x 3/16 set screw #67083 for drill tightening.

Replacement 1/8 x 5/32 double-sided hex key #5019 (included).



Double-sided hex  
key included.

**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.



*A must-have tool for every woodworker!*

## 82° COUNTERSINK WITH ADJUSTABLE DEPTH-STOP & NO-THRUST BEARING New

*Quick Release 1/4" Hex Shank • Carbide Tipped  
2-Wing With Tapered HSS M2 Fully Ground Drill*

**No Burning, No Marring & No Friction**

Features an adjustable, heavy-duty, revolving metal depth-stopper with a strong thrust ball bearing for quick and easy adjustment of the countersink depth without scratching or burning surfaces. The open space allows for chip evacuation.

User friendly design enables control of the drill length and its replacement, without the need to disassemble the depth-stop.

### Excellent For Drilling:

- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Chipboard
- Composites
- Composite Decking Materials
- Man-Made Boards
- MDF
- Natural Woods
- Plywood

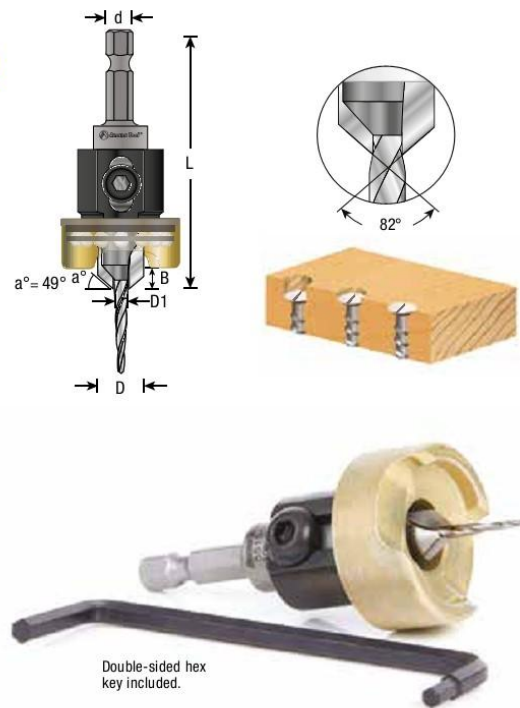


| Wood Screw | Size | ØD    | ØD1      | B   | a°  | Ød    | L    | Drill<br>DIN | Repl.<br>Drill Bit | Tool No. |
|------------|------|-------|----------|-----|-----|-------|------|--------------|--------------------|----------|
| #4         | 3/8  | 5/64  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 338  | 630-260      | 55156              |          |
| #4         | 3/8  | 3/32  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 338  | 630-262      | 55150              |          |
| #6         | 3/8  | 1/8   | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897 | 630-266      | 55151              |          |
| #6         | 3/8  | 9/64  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897 | 630-268      | 55152              |          |
| #8         | 3/8  | 5/32  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897 | 630-270      | 55153              |          |
| #8         | 1/2  | 11/64 | 3/64-3/8 | 49° | 1/4 | 2-3/4 | 1897 | 630-272      | 55154              |          |
| #10        | 1/2  | 3/16  | 3/64-3/8 | 49° | 1/4 | 2-3/4 | 1897 | 630-274      | 55155              |          |

Replacement NF1/4 x 1/4 set screw #67070 for tightening depth stop.

Replacement NF1/4-28 x 3/16 set screw #67083 for drill tightening.

Replacement 1/8 x 5/32 double-sided hex key #5019 (included).



*A must-have tool for every woodworker!*

## 82° COUNTERSINK WITH ADJUSTABLE DEPTH-STOP & NO-THRUST BEARING New FOR FESTOOL® CENTROTEC®

*Hybrid Quick Release 1/4" Hex Shank For Festool® CENTROTEC®  
Carbide Tipped 2-Wing With HSS M2 Fully Ground Drill*

**No Burning, No Marring & No Friction**

Tool designed with a unique shank with hex part and round part.

Fits both Festool® CENTROTEC® drill machines and standard quick-change chucks for 1/4" (6.3mm) hex shank.

Features an adjustable, heavy-duty, revolving depth-stop with a strong thrust ball bearing for quick and easy adjustment of the countersink depth without scratching or burning surfaces. See above table for material cut list.

| Wood Screw | Size | ØD   | ØD1      | B   | a°  | Ød    | L    | Drill<br>DIN | Repl.<br>Drill Bit | Tool No. |
|------------|------|------|----------|-----|-----|-------|------|--------------|--------------------|----------|
| #4         | 3/8  | 3/32 | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 338  | 630-222      | 55331              |          |
| #6         | 3/8  | 1/8  | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897 | 630-226      | 55334              |          |
| #8         | 3/8  | 5/32 | 3/64-3/8 | 49° | 1/4 | 2-5/8 | 1897 | 630-230      | 55336              |          |
| #10        | 1/2  | 3/16 | 3/64-3/8 | 49° | 1/4 | 2-3/4 | 1897 | 630-236      | 55338              |          |

Replacement NF1/4 x 1/4 set screw #67070 for tightening depth stop.

Replacement NF1/4-28 x 3/16 set screw #67083 for drill tightening.

Replacement 1/8 x 5/32 double-sided hex key #5019 (included).

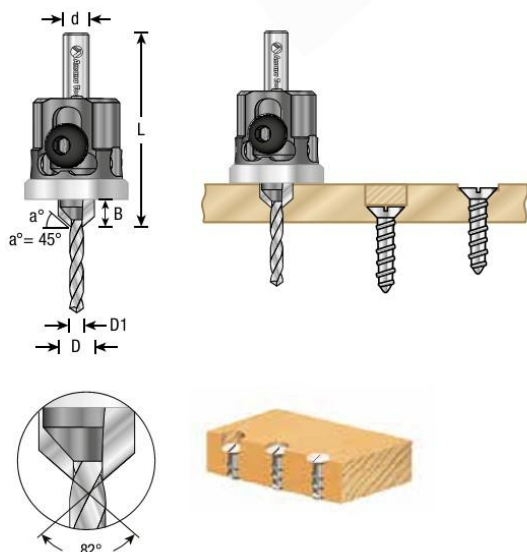
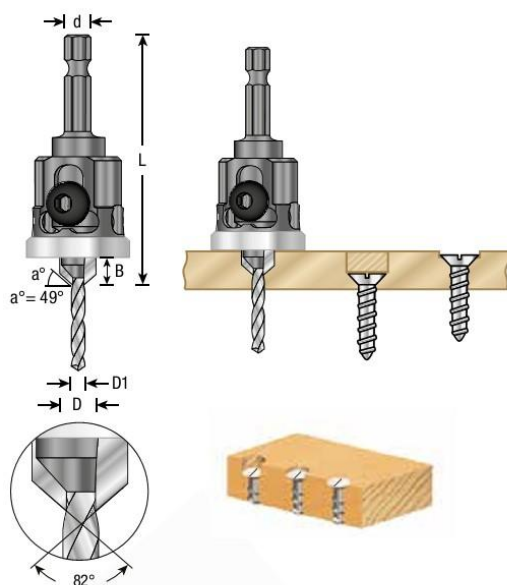


**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

**INDUSTRIAL BORING BITS**

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300  **Amana Tool®**

*A must-have tool for every woodworker!*

## 82° COUNTERSINK WITH ADJUSTABLE LOW FRICTION DEPTH-STOP

*Quick Release 1/4" Hex Shank • 2-Wing • Carbide Tipped  
With HSS M2 Slow Spiral Fully Ground Drill DIN 1897*

### Low Friction Polymer Collar

No surface scratches or burn marks!

These tools combine carbide countersink, high-speed steel drill bit and free-spinning, low friction depth-stop. The countersink leaves a clean hole edge and the adjustable depth-stop doesn't mar the surface. The large openings around the collar allow the chips to clear effectively and eliminate clogging.

### Excellent For Drilling:

- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Chipboard
- Composites
- Composite Decking Materials
- Man-Made Boards
- MDF
- Natural Woods
- Plywood

### Wood Screw

| Size | ØD  | ØD1  | B   | a°  | Ød  | L     | Repl. Drill Bit | Tool No. |
|------|-----|------|-----|-----|-----|-------|-----------------|----------|
| #4   | 3/8 | 7/64 | 9mm | 49° | 1/4 | 2-3/8 | 630-224         | 55293    |
| #6   | 3/8 | 1/8  | 9mm | 49° | 1/4 | 2-3/8 | 630-226         | 55294    |
| #6   | 1/2 | 9/64 | 9mm | 49° | 1/4 | 2-3/8 | 630-228         | 55295    |
| #8   | 3/8 | 5/32 | 9mm | 49° | 1/4 | 2-3/8 | 630-230         | 55296    |

Replacement NF1/4 x 1/4 set screw #67070 for tightening depth stop.

Replacement NF1/4-28 x 3/16 set screw #67083 for drill tightening.

Replacement 1/8 x 5/32 double-sided hex key #5019 (included).

**▲ Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.



*A must-have tool for every woodworker!*

## 82° COUNTERSINK WITH ADJUSTABLE LOW FRICTION DEPTH-STOP New

*1/4" Round Shank • 2-Wing • Carbide Tipped  
With HSS M2 Slow Spiral Fully Ground Drill DIN 1897*

### Low Friction Polymer Collar

No surface scratches or burn marks!

These tools combine carbide countersink, high-speed steel drill bit and free-spinning, low friction depth-stop. The countersink leaves a clean hole edge and the adjustable depth-stop doesn't mar the surface. The large openings around the collar allow the chips to clear effectively and eliminate clogging.

### Excellent For Drilling:

- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Chipboard
- Composites
- Composite Decking Materials
- Man-Made Boards
- MDF
- Natural Woods
- Plywood

### Wood Screw

| Size | ØD    | ØD1  | B          | a°  | Ød  | L       | Repl. Drill Bit | Tool No. |
|------|-------|------|------------|-----|-----|---------|-----------------|----------|
| #6   | 3/8   | 1/8  | 7/64-15/64 | 45° | 1/4 | 1-27/32 | 630-226         | 55633    |
| #8   | 13/32 | 5/32 | 7/64-15/64 | 45° | 1/4 | 1-27/32 | 630-230         | 55634    |

Replacement NF1/4 x 1/4 set screw #67070 for tightening depth stop.

Replacement NF1/4-28 x 3/16 set screw #67083 for drill tightening.

Replacement 1/8 x 5/32 double-sided hex key #5019 (included).

**▲ Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

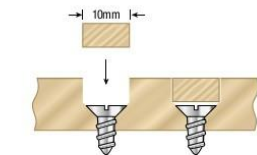
## 10-PC. COUNTERSINK MASTER SET New

### Complete Countersink Set

- Drilling & Countersinking with a single tool.
- Concealing of screwheads with plugs which perfectly fit with countersink.
- Designed for portable drills and drill press



| Dia.               | Cut Height | Shank | Length | Type                      | Includes |
|--------------------|------------|-------|--------|---------------------------|----------|
| 3/8                | 1/2        | 5/16  | 2-9/16 | Countersink               | 55202    |
| 25/64              | 1/2        | 5/16  | 2-3/4  | Countersink               | 55204    |
| 25/64              | 1/2        | 5/16  | 2-7/8  | Countersink               | 55206    |
| 3/8                | —          | 1/4   | 2-1/8  | Quick Release Countersink | 55264    |
| 3/8                | —          | 1/4   | 2-1/8  | Quick Release Countersink | 55266    |
| 3/8                | —          | 1/4   | 2-1/8  | Quick Release Countersink | 55624    |
| 3/8                | —          | 1/4   | 2-1/8  | Quick Release Countersink | 55626    |
| 3/8                | 3/64-3/8   | 1/4   | 2-5/8  | No-Mar Countersink        | 55227    |
| 3/8                | 5/64-11/32 | 1/4   | 2-3/8  | Low Friction Countersink  | 55293    |
| 3/8                | —          | 3/8   | 2      | Wood Plug Cutter          | 607-110  |
| Complete 10-Pc Set |            |       |        |                           | AMS-620  |



55202, 55204, 55206, 55264, 55266,  
55624, 55626, 55227 & 55293



607-110

### Excellent For Drilling:

- Aluminum/Non-Ferrous
- Aluminum Composite Material (ACM)
- Chipboard
- Composites
- Composite Decking Materials
- Man-Made Boards
- MDF
- Natural Woods
- Plywood

**Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.

## COUNTERSINK & PLUG SET

### Carbide Tipped • 10mm Diameter Countersink & Plug

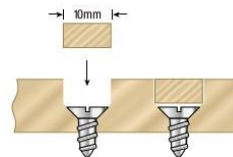
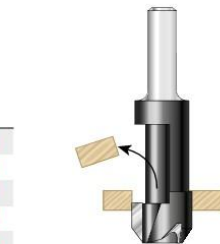
- Drilling & Countersinking with a single tool.
- Concealing of screwheads with plugs which perfectly fit with countersink.
- Designed for portable drills and drill presses.

| Description                                 | Drill Dia.              | Tool No. |
|---|-------------------------|----------|
| 2 Pc. Countersink & Plug Cutter             | 1/8                     | PS-100   |
| 2 Pc. Countersink & Plug Cutter             | 9/64                    | PS-200   |
| 2 Pc. Countersink & Plug Cutter             | 11/64                   | PS-400   |
| All 4 Countersinks & Drills & 1 Plug Cutter | 1/8, 9/64, 5/32 & 11/64 | PS-500   |
| Plug Cutter only (10mm dia.)                | —                       | PLC-100  |

**Note:** All countersinks are carbide-tipped. The plug cutter and drill bits are high-speed steel. Countersinks have 8mm shank diameter.



PS-500



**INDUSTRIAL BORING BITS**

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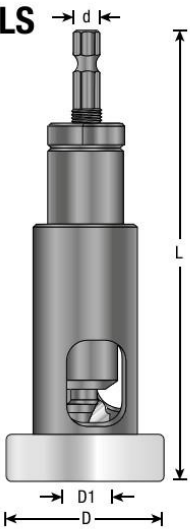
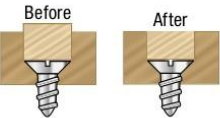
Photo credit Randy O'Rourke. Wood Flooring by Charles Peterson, published by The Taunton Press in 2010



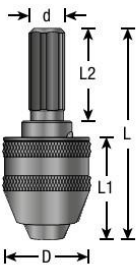
**PLUG PLANER FOR HAND DRILLS AND DRILL PRESSES**

*Carbide Tipped • Non-Marring  
Quick Release Hex Shank*

This plug planer is designed for a hand drill with a hex shank for quick changes. Its adjustable depth of cut ensures easy and accurate plug trimming while its replaceable plastic ring base prevents damage to the wood surface. The unique spring loaded plunging operation enables an efficient, secure and quick plug trimming.



| ØD | ØD1  | Ød  | L     | Tool No.       |
|----|------|-----|-------|----------------|
| 2  | 15mm | 1/4 | 4-3/4 | <b>PLP-100</b> |



**QUICK CHANGE CHUCK**

Simply pull sleeve to change drill bits, screwdrivers, countersinks and other power bits. Special long shaft for use with keyless chucks. This is an industrial quality accessory manufactured with exacting tolerances.

| ØD    | Ød  | L | L1     | L2 | Tool No.     |
|-------|-----|---|--------|----|--------------|
| 15/16 | 3/8 | 2 | 1-7/64 | 1  | <b>55298</b> |





Improved Spiral Action for Better Chip Ejection

COUNTERBORES†

Fits Evans, Ritter, Unique, Marcon, Norfield® and Castle® Face Frame Machines

Carbide Tipped

Features include precision ground carbide-tipped counterbore for splinter-free cutting, non-slip surface treatment for positive clamping, wide web design for superior strength and replaceable HSS fishtail drills.

| Description | ØD  | ØD1  | Ød  | L | Tool No. |
|-------------|-----|------|-----|---|----------|
| Counterbore | 3/8 | .136 | 9mm | 4 | 424000   |

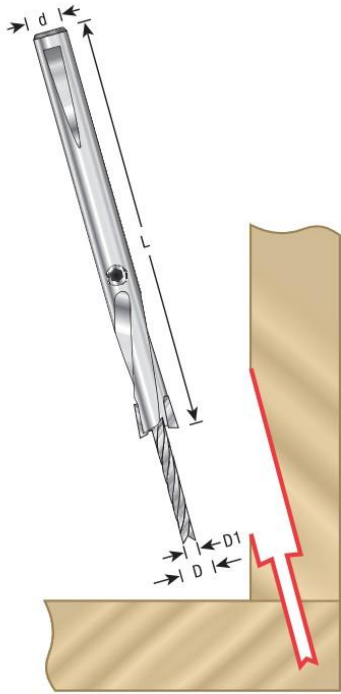
Replacement #8-32 NC set screw, #67010.

#29 Replacement HSS Fish Tail Drills

| Description                              | ØD1  | Ød | L     | Tool No. |
|--|------|----|-------|----------|
| Standard                                 | .136 | —  | 2-7/8 | 424004   |
| DHN Surface Treated for Longer Tool Life | .136 | —  | 2-7/8 | 424006   |



† Application: Not to be used in portable drills or handheld routers.

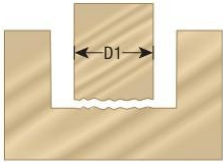
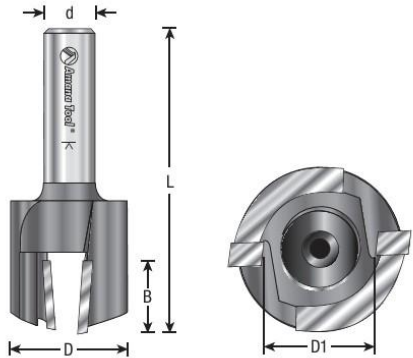


PLUG CUTTER FOR DRILL PRESS

Carbide Tipped • 2 Flute

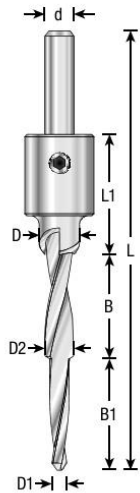
Must clamp work-piece firmly to drill press table.

| ØD     | ØD1  | B   | Ød  | L     | Tool No. |
|--------|------|-----|-----|-------|----------|
| 5/8    | .335 | 1/2 | 1/2 | 2-1/2 | 55217    |
| 5/8    | 3/8  | 1/2 | 1/2 | 2-1/2 | 55220    |
| 25/32  | 1/2  | 1/2 | 1/2 | 2-1/2 | 55222    |
| 29/32  | 5/8  | 1/2 | 1/2 | 2-1/2 | 55224    |
| 1-1/32 | 3/4  | 1/2 | 1/2 | 2-1/2 | 55223    |



INDUSTRIAL BORING BITS

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### 3-STEP RTA FURNITURE DRILL/ COUNTERSINK ASSEMBLY

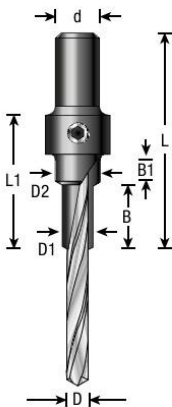
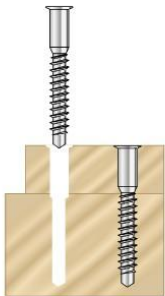
*With HSS Slow Spiral Drill*

Commonly used for RTA (ready-to-assemble) furniture fittings. Specially-treated high-speed steel countersink with polished slow-spiral drill bit. Will perform 3 tasks in one: pilot hole, clearance hole and countersink. For connecting screws (Conformat, Directa, etc.). The shankless countersink is heat treated.

| ØD   | ØD1 | ØD2 | B      | B1   | Ød  | L1   | L     | Tool No. |
|------|-----|-----|--------|------|-----|------|-------|----------|
| 10mm | 5mm | 7mm | <30mm* | 25mm | 7mm | 30mm | 106mm | 55650    |

\* B can be adjusted up to 30mm.

Replacement parts: 5x7mm Stepped drill #55107; Hex key #5009.



### 3-STEP RTA FURNITURE DRILL/ COUNTERSINK

*With HSS Slow Spiral Drill*

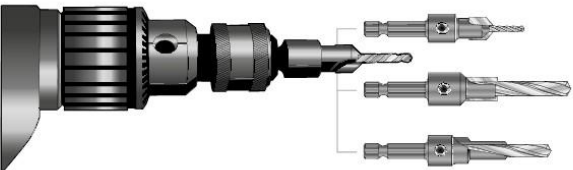
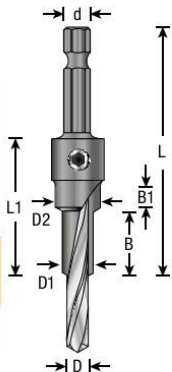
Commonly used for RTA (ready-to-assemble) furniture fittings. Specially-treated high-speed steel countersink with polished slow-spiral drill bit. Will perform 3 tasks in one: pilot hole, clearance hole and countersink. For connecting screws (Conformat, Directa, etc.). The shankless countersink is heat treated.

| ØD    | ØD1 | ØD2  | B    | B1  | Ød   | L1   | L    | Tool No. |
|-------|-----|------|------|-----|------|------|------|----------|
| 3.5mm | 5mm | 7mm  | 15mm | 5mm | 10mm | 33mm | 52mm | 55102    |
| 5mm   | 7mm | 10mm | 19mm | 5mm | 10mm | 32mm | 58mm | 55103    |

Replacement 3.5mm HSS slow spiral drill bit, 2-3/4" long, #55104.

Replacement 5.0mm HSS slow spiral drill bit, 3-7/16" long, #55105.

Replacement #10-24 set screw, #67092 (requires #5000 3/32" hex key).



### RTA FURNITURE DRILL/COUNTERSINK

RTA furniture step drill – bit creates steps for the "Conformat" style furniture screw. Used for drilling pilot hole, clearance hole and countersinking.

| ØD    | ØD1 | ØD2  | B    | B1  | Ød  | L1   | L    | Tool No. |
|-------|-----|------|------|-----|-----|------|------|----------|
| 3.5mm | 5mm | 7mm  | 15mm | 5mm | 1/4 | 33mm | 60mm | 55290    |
| 5mm   | 7mm | 10mm | 19mm | 5mm | 1/4 | 38mm | 62mm | 55292    |

Replacement 3.5mm HSS slow spiral drill bit, 2-3/4" long, #55104.

Replacement 5.0mm HSS slow spiral drill bit, 3-7/16" long, #55105.

Replacement #10-24 set screw, #67092 (requires #5000 3/32" hex key).

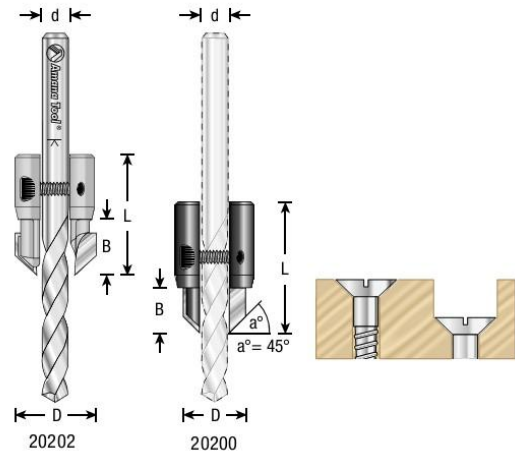
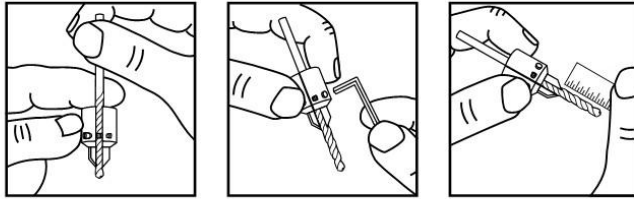
## 'DI-COUNT'™ ADJUSTABLE COUNTERSINK

Carbide-Tipped • 2-Wing

| ØD            | a°  | B    | Ød           | L       | Drill No. | Tool No. |
|---------------|-----|------|--------------|---------|-----------|----------|
| 7/16 to 19/32 | 45° | 7/16 | 3/32 to 9/32 | 1-1/4   | —         | 20200    |
| 5/8 to 25/32  | 45° | 5/8  | 1/4 to 13/32 | 1-11/32 | 630-702   | 20202 *  |

\* Includes 1/4" diameter slow spiral, HSS M2 DIN 338 fully ground drill.  
20200 accepts drills from 3/32" to 9/32" (Wood Screw Sizes #2 through #18).  
20202 accepts drills from 1/4" to 13/32" (Wood Screw Sizes #2 through #18).  
Replacement Allen screws (2 required) #67090.  
Replacement 3mm hex key #5004 (included).  
Drills not included with 20200.

**▲ Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.



Bit sold separately.

## ADJUSTABLE COUNTERBORE

Carbide-Tipped • 2-Wing

Slow Spiral, HSS M2 DIN 338 Fully Ground Drill

Accepts Drills from 3/32" through 9/32" (Wood Screw Sizes #2 through #18).

| ØD           | B     | Ød           | L      | Drill No. | Tool No. |
|--------------|-------|--------------|--------|-----------|----------|
| 29/64 to 5/8 | 15/32 | 1/8 to 9/32  | 1-3/32 | 630-102   | 20204**  |
| 27/32 to 1   | 5/8   | 1/4 to 13/32 | 1-5/16 | 630-702   | 20206*   |

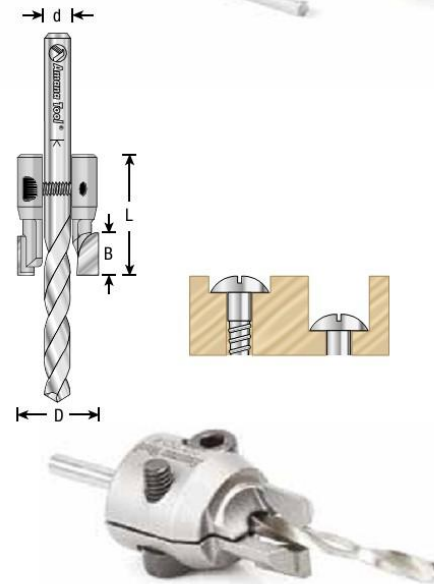
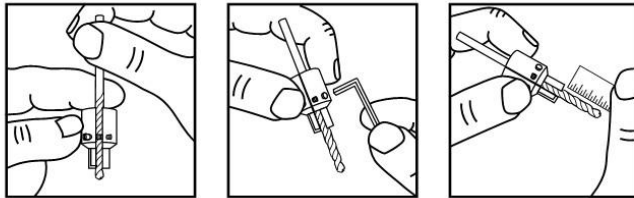
\*\* Includes 1/8" diameter drill.

\* Includes 1/4" diameter drill.

Replacement Allen screws (2 required) #67090.

Replacement 3mm hex key #5004 (included).

**▲ Warning:** When drilling aluminum/non-ferrous, for optimal results and extended tool life, use lubricant or air cooling. Make sure the material is fixed and drill is stable during drilling.



## ADJUSTABLE UNIVERSAL DRILL-DEPTH STOPS

Can be clamped onto any drill\* from 3mm to 10mm. An innovation and universal solution to the problem of drilling holes to an accurate depth. Special design to minimize any marks on the surface being drilled. User friendly – quick assembly and easy drill-depth adjustment.

\* Drills not included.

| Range of Drill Diameters | Tool No. |
|--------------------------|----------|
| 3mm to 7mm (1/8 to 1/4)  | 20210    |
| 6mm to 10mm (1/4 to 3/8) | 20212    |

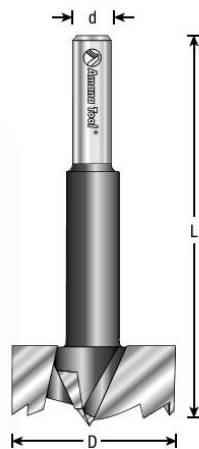
Replacement 3mm hex key #5004 (not included).



**INDUSTRIAL BORING BITS**

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## MULTI-TOOTH FORSTNER BITS

*High Carbon Tool Steel • 1/2" Shank*

Specially designed Forstner bits for cutting telephone and computer wire grommet access holes in office furniture. All tools feature precision ground and tempered tool steel, multi-tooth cutting edges for faster cutting and chip removal, and massive cutter body to dissipate heat and resist burning.

| ØD           | Ød  | L | Tool No. |
|--------------|-----|---|----------|
| 2-1/4 (57mm) | 1/2 | 6 | F0-558   |
| 2-3/8 (60mm) | 1/2 | 6 | F0-562   |
| 3 (76mm)     | 1/2 | 6 | F0-574   |
| 3-1/8 (80mm) | 1/2 | 6 | F0-560   |

## FORSTNER PATTERN BITS

*High Carbon Tool Steel • 2-Wing*

Application: Drill pocket-holes, flat-bottom holes\*, etc., using any 3/8" or larger portable drill or stationary drill press. Forstner pattern bits are well known for their ability to drill clean and chip-free holes in wood. Amana Tool® uses only the finest quality tool steel, precision machined and ground on state-of-the-art equipment. Large gullets milled in the tool body provide exceptional chip clearance.



| ØD     | Ød   | L     | Tool No. |
|--------|------|-------|----------|
| 1/4    | 5/16 | 3-1/2 | F0-080   |
| 3/8    | 3/8  | 3-1/2 | F0-095   |
| 5/16   | 3/8  | 3     | F0-079   |
| 7/16   | 3/8  | 3-1/2 | F0-111   |
| 1/2    | 3/8  | 3-1/2 | F0-127   |
| 9/16   | 3/8  | 3-1/2 | F0-142   |
| 5/8    | 3/8  | 3-1/2 | F0-160   |
| 11/16  | 3/8  | 3-1/2 | F0-174   |
| 3/4    | 3/8  | 3-1/2 | F0-190   |
| 13/16  | 3/8  | 3-1/2 | F0-206   |
| 7/8    | 3/8  | 3-1/2 | F0-222   |
| 15/16  | 3/8  | 3-1/2 | F0-238   |
| 1      | 3/8  | 3-1/2 | F0-254   |
| 1-1/16 | 3/8  | 3-1/2 | F0-269   |
| 1-1/8  | 3/8  | 3-1/2 | F0-285   |
| 1-1/4  | 3/8  | 3-1/2 | F0-317   |
| 1-3/8  | 3/8  | 3-1/2 | F0-349   |
| 35mm   | 3/8  | 3-1/2 | F0-350   |
| 1-1/2  | 3/8  | 3-1/2 | F0-381   |
| 1-5/8  | 3/8  | 3-1/2 | F0-413   |
| 1-3/4  | 3/8  | 3-1/2 | F0-445   |
| 1-7/8  | 3/8  | 3-1/2 | F0-476   |
| 2      | 3/8  | 3-1/2 | F0-508   |
| 2-1/8  | 3/8  | 3-1/2 | F0-540   |

\* Note: A small pilot hole used for centering will be present on flat bottom holes.

## FORSTNER PATTERN SETS

*High Carbon Tool Steel • 3/8" Shank*

All sets are packed in beautiful, custom-made hardwood cases. Features a sliding, clear acrylic door with sizes imprinted on the front and a pre-drilled bit tray that rotates for easy access to your tools.



Set No. F0-600



Set No. F0-700

| Description   | Order # |
|---|---------|
| 6-Piece Forstner bit set, 3/8" shank. Sizes: 3/8, 1/2, 5/8, 3/4, 7/8, 1.  | F0-600  |
| 15-Piece Forstner bit set, 3/8" shank.<br>Sizes: All 15 fractional sizes (3/8 through 2-1/8 in 1/8 increments). | F0-700  |

