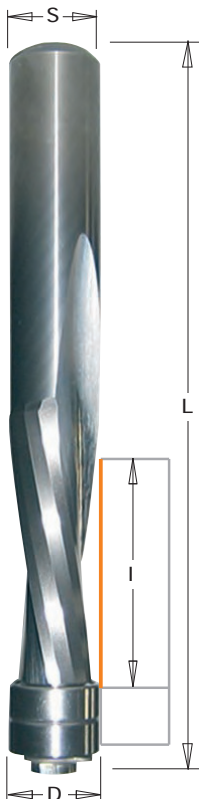


## Double-bearing spiral flush trim bits

**CMT**

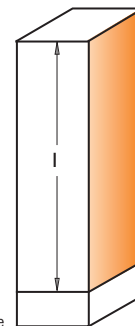
HWM Z2 Z2+2 RH



### 190B-191B-192B

The new CMT solid carbide spiral flush trim bits are manufactured with a special super-micro-grain formulation that has increased hardness with a higher transverse rupture point.

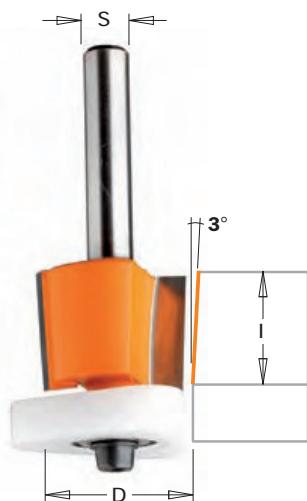
Combined with the low helix cutting angle, the new CMT solid carbide spiral flush trim bits with double bearing allow the cabinet maker to shear wood and wood products cleanly, providing more efficient chip ejection than standard flush trim bits. In production settings these new bits will run cooler and the edges will stay sharper, last longer and increase your shop productivity.



Drawings are 1:1 scale

| D<br>mm                         | I<br>mm | L<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø12mm | ORDER NO.<br>S=Ø12,7mm | Spare parts |            |
|---------------------------------|---------|---------|---------------------|------------------------|----------------------|------------------------|-------------|------------|
|                                 |         |         |                     |                        |                      |                        | Bearing     | Seeger     |
| Z2+2 Upcut & Downcut spiral bit |         |         |                     |                        |                      |                        |             |            |
| 12,7                            | 42      | 114     |                     |                        | 190.127.11B          | 190.508.11B            | 791.010.00  | 541.301.00 |
| Z2 Upcut spiral bit             |         |         |                     |                        |                      |                        |             |            |
| 6,35                            | 25,4    | 76,2    | 191.064.11B         | 191.008.11B            |                      |                        | 791.035.00  | 541.350.00 |
| 12,7                            | 31,7    | 89      |                     |                        |                      | 191.505.11B            | 791.010.00  | 541.301.00 |
| 12,7                            | 50,8    | 114     |                     |                        | 191.127.11B          | 191.507.11B            | 791.010.00  | 541.301.00 |
| Z2 Downcut spiral bit           |         |         |                     |                        |                      |                        |             |            |
| 12,7                            | 31,7    | 89      |                     |                        |                      | 192.505.11B            | 791.010.00  | 541.301.00 |
| 12,7                            | 50,8    | 114     |                     |                        | 192.127.11B          | 192.507.11B            | 791.010.00  | 541.301.00 |

## 3in1 Flush trim bit for laminates



### 7/8/907

HW Z2 RH

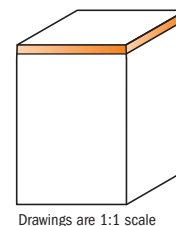
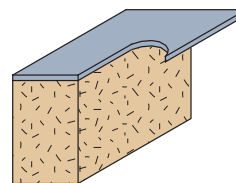
3in1 New flush trim bits with Delrin® Triangular bearings is your best partner for laminate trimming. Infact it solves 3 of the most common problems that occur in flush trimming in cabinet shops:

- 1) The freezing of the bearings from glue; infact the Delrin® with his anti-stick properties greatly reduces the likelihood of bearing failure.
- 2) The extended guide surface of the new Delrin® bearing will perfectly match the work surface without scratching like the steel bearing and guarantees the maximum stability.
- 3) The shear angle cutting edge reduces the need for filing.

3in1 bit is ideal on plastic laminates as well as aluminium laminate!

#### Patent pending

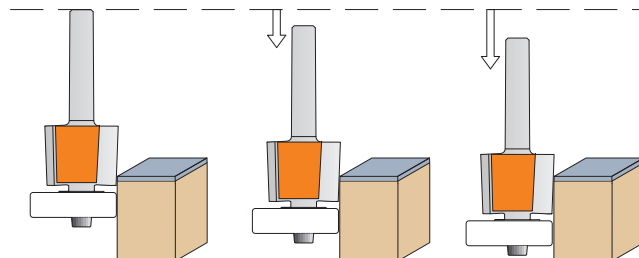
- Extended guide surface
- Non freezing
- Non scratch surface



Drawings are 1:1 scale

### Perfect trimming with the conical edges!

Thanks to the innovating conical edges of this bit you will always get perfect cuts even after resharpening. In fact the most popular problem you have with the standard flush trim bits is the undersize diameter after resharpening which leaves the mark on the material; now with the new CMT construction you could resharpen up to six times without any problem. Just remember to adjust your bit up or down as for the illustration.



| I<br>mm | D<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm | ORDER NO.<br>S=Ø12,7mm | Spare parts |            |                    |                  |
|---------|---------|---------------------|------------------------|---------------------|------------------------|-------------|------------|--------------------|------------------|
|         |         |                     |                        |                     |                        | Shield      | Bearing    | Screw TCEI<br>1/8W | Hex key<br>3/32" |
| 12,7    | 12,7    | <b>707.128.11</b>   | <b>807.128.11</b>      | <b>907.128.11</b>   |                        | 990.422.00  | 791.042.00 | 990.058.00         | 991.057.00       |
| 15,87   | 19      | <b>707.190.11</b>   | <b>807.190.11</b>      | <b>907.190.11</b>   | <b>807.690.11</b>      | 990.423.00  | 791.043.00 | 990.058.00         | 991.057.00       |

## Flush trim bits

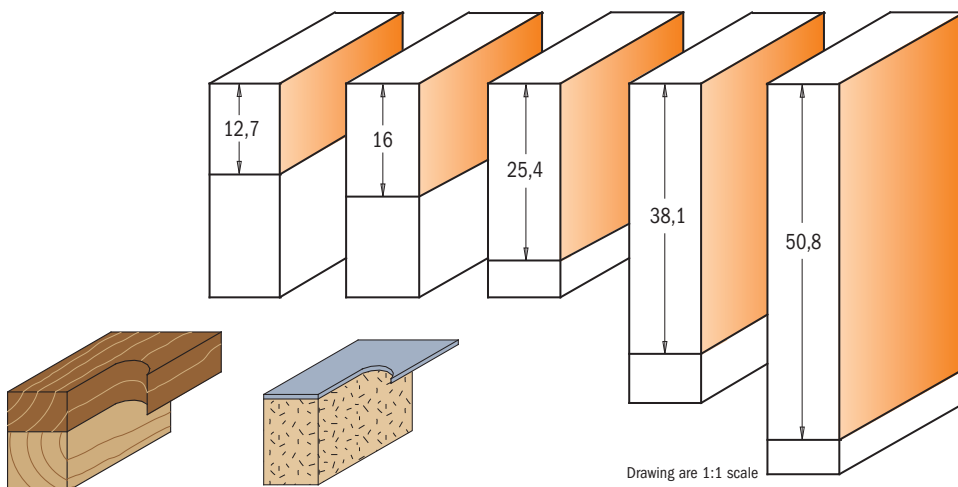
**CMT**



**7/8/906**

To trim even the most difficult projects, we have designed a series of truly indispensable bits. Our CMT flush trim bits are available in a wide range of sizes that are sure to satisfy any woodworking need. Use these carbide faced bits for precision work on laminates or for quick template work with an excellent finish.

**Shop Tips:** These bits are excellent for making through mortise. Use a straight bit (#711.130.11) to groove the area to make the through mortise. With a drill bit (#517.130.31) bore a hole through the wood at one end of the groove. Turn the workpiece over to finish the mortise. Use a flush trim bit with a cutting length slightly longer than the fillet, following the groove made on the opposite side of the workpiece with the ball bearing guide.



Drawing are 1:1 scale

### • HWM

| I<br>mm               | D<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm | ORDER NO.<br>S=Ø12mm | ORDER NO.<br>S=Ø12,7mm | Spare parts |            |            |
|-----------------------|---------|---------------------|------------------------|---------------------|----------------------|------------------------|-------------|------------|------------|
| • 25,4                | 6,35    | <b>706.064.11</b>   | <b>806.064.11</b>      |                     |                      |                        | Bearing     | Shield     | Screw      |
| 12,7                  | 9,5     | <b>706.096.11</b>   | <b>806.096.11</b>      | <b>906.096.11</b>   |                      |                        | 791.035.00  | 541.350.00 |            |
| 12,7                  | 12,7    | <b>706.128.11</b>   | <b>806.128.11</b>      | <b>906.128.11</b>   | <b>906.628.11</b>    | <b>806.628.11</b>      | 791.002.00  | 990.422.00 | 990.058.00 |
| 16                    | 19      | <b>706.190.11</b>   |                        | <b>906.190.11</b>   |                      |                        | 791.003.00  | 990.423.00 | 990.058.00 |
| 25,4                  | 9,5     | <b>706.095.11</b>   | <b>806.095.11</b>      | <b>906.095.11</b>   |                      |                        | 791.007.00  |            | 990.004.00 |
| 25,4                  | 12,7    | <b>706.127.11</b>   | <b>806.127.11</b>      | <b>906.127.11</b>   | <b>906.627.11</b>    | <b>806.627.11</b>      | 791.002.00  | 990.422.00 | 990.058.00 |
| 38,1                  | 12,7    |                     |                        |                     | <b>906.627.11</b>    | <b>806.627.11</b>      | 791.003.00  | 990.423.00 | 990.058.00 |
| 50,8                  | 12,7    |                     |                        |                     | <b>906.629.11</b>    | <b>806.629.11</b>      | 791.003.00  | 990.423.00 | 990.058.00 |
| 10 pcs. in masterpack |         |                     | <b>806.095.11-X10</b>  |                     |                      |                        | 791.003.00  | 990.423.00 | 990.058.00 |
|                       |         |                     | <b>806.096.11-X10</b>  |                     |                      |                        |             |            |            |
|                       |         |                     | <b>806.127.11-X10</b>  |                     |                      | <b>806.627.11-X10</b>  |             |            |            |
|                       |         |                     | <b>806.128.11-X10</b>  |                     |                      |                        |             |            |            |
|                       |         |                     |                        |                     |                      | <b>806.629.11-X10</b>  |             |            |            |

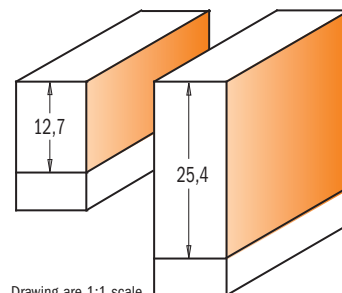
**Spare parts** 991.057.00 3/32" hex key for screw (990.058.00)  
991.062.00 2,5mm hex key for screw (990.004.00)

## Flush trim bit set



**806**

Indispensable in any shop. The new 3-piece trim bit set gives you the option to trim laminates or do template work in one convenient set. Individual bits are listed below.



Drawing are 1:1 scale

| DESCRIPTION                       | ORDER NO.                      |
|-----------------------------------|--------------------------------|
| Flush trim bit set (Ø9,5 - Ø19mm) | S=Ø6,35mm<br><b>806.001.11</b> |

## Super-Duty flush trim bits

**CMT**

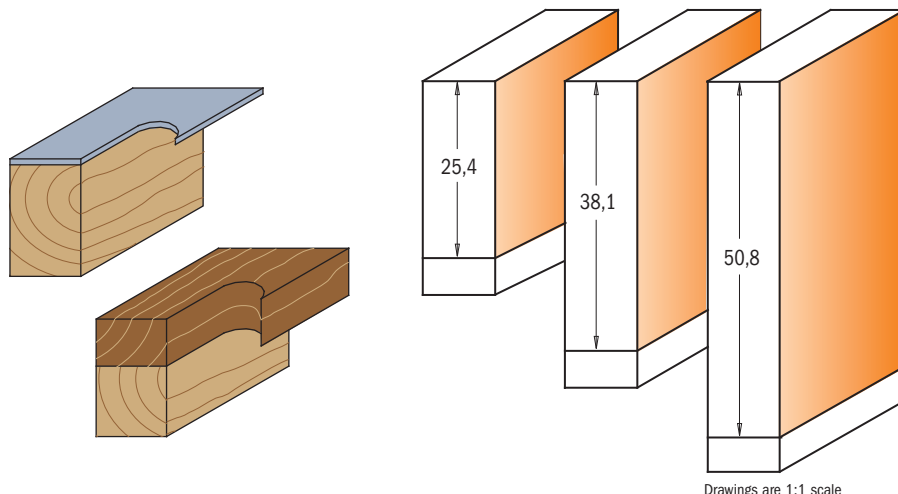


**7/8/906**



These new super duty bits represent the finest of the extensive line of CMT flush trim bits with ball bearing guides. A negative shear angle cutting edge and 3/4" cutting diameter set CMT flush trim bits apart from standard bits. Work quickly and safely to get a superior finish with absolute minimal chipping.

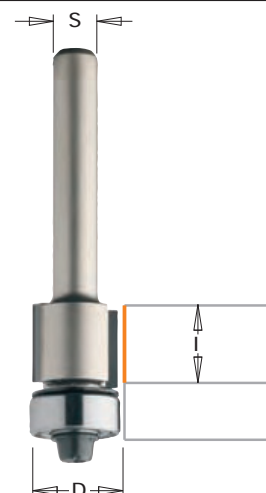
**Safety Tip:** Dust and chips from laminate materials are hazardous to your health and safety. Always wear a dust mask and eye protection when doing router work.



| I<br>mm | D<br>mm | ORDER NO.  |            |            |            |            |  | Spare parts        |                   |                    |
|---------|---------|------------|------------|------------|------------|------------|--|--------------------|-------------------|--------------------|
|         |         | S=Ø6mm     | S=Ø6,35mm  | S=Ø8mm     | S=Ø12mm    | S=Ø12,7mm  |  | Bearing<br>Ø6,35mm | Shield<br>Ø3,25mm | Screw TCEI<br>1/8W |
| 25,4    | 19      | 706.191.11 | 806.191.11 | 906.191.11 | 906.691.11 | 806.691.11 |  | 791.004.00         | 541.550.00        | 990.058.00         |
| 38,1    | 19      |            |            |            | 906.692.11 | 806.692.11 |  | 791.004.00         | 541.550.00        | 990.058.00         |
| 50,8    | 19      |            |            |            | 906.690.11 | 806.690.11 |  | 791.004.00         | 541.550.00        | 990.058.00         |

**Spare parts** 991.057.00 3/32" hex key

## DP Flush trim bits for laminates

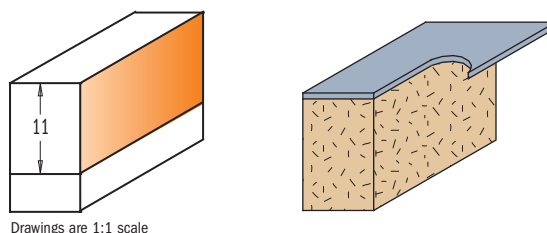


**7/8/906**



These new super duty DP (polycrystalline diamond) bits represent the ultimate in the extensive line of CMT flush trim bits. Investing in CMT DP flush trim will save the cabinet manufacturer time and money as they last at least 20x's longer than conventional carbide tipped flush trim bits.

**30X**  
LONGER LIFE  
THAN CARBIDE BLADES



| I<br>mm | D<br>mm | ORDER NO.  |            |            | Spare parts       |                    |                    |                  |  |
|---------|---------|------------|------------|------------|-------------------|--------------------|--------------------|------------------|--|
|         |         | S=Ø6mm     | S=Ø6,35mm  | S=Ø8mm     | Shield<br>Ø12,7mm | Bearing<br>Ø4,76mm | Screw TCEI<br>1/8W | Hex key<br>3/32" |  |
| 11      | 12,7    | 706.128.61 | 806.128.61 | 906.128.61 | 990.423.00        | 791.003.00         | 990.058.00         | 991.057.00       |  |



7/8/911B

7/8/912B

## 7/8/911B - 7/8/912B

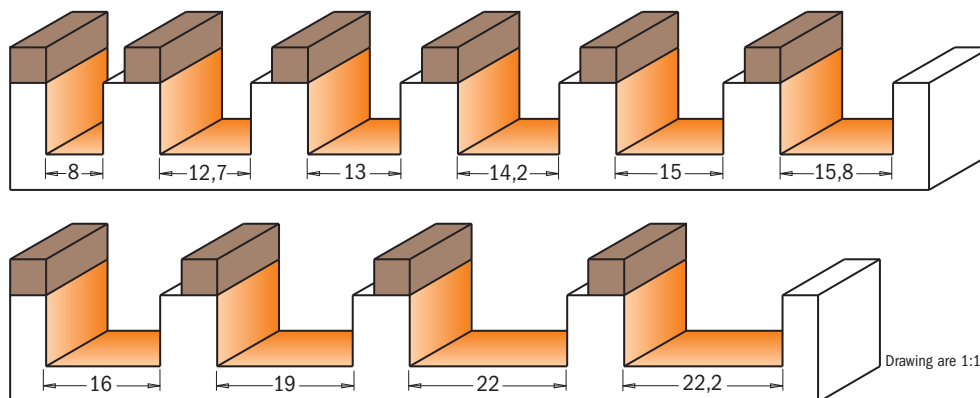


Whether you are a full time professional or a part time woodworking enthusiast, discover the unlimited possibilities of template routing with a CMT pattern bit. Pair up these double fluted bits with your choice of template to produce cabinet and furniture pieces, signs, toys and any other creative project. Carbide tipped to last longer, CMT pattern bits are equipped with the bearing above the cutter letting you work with the template on top of the wood.

This gives you a clear view of what you are routing so you can work confidently and accurately.

**Safety tips:** Make sure your router is in top condition. The template must be securely fastened to the work piece.

When choosing a bit, carefully consider the thickness of the template and all the implications of the cut. Opt for the shortest bit possible for the project you are working on.

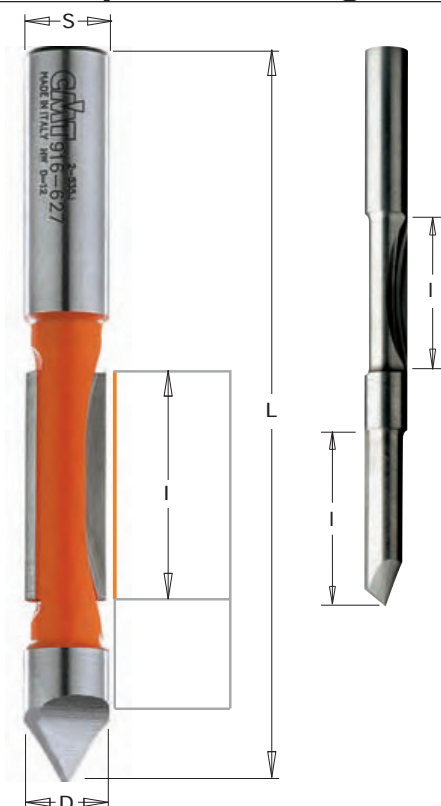


Drawing are 1:1 scale

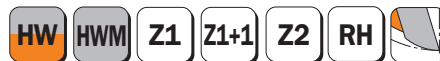
| D<br>mm            | I<br>mm | L<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm | ORDER NO.<br>S=Ø12mm | ORDER NO.<br>S=Ø12,7mm | Spare parts |             |                  |
|--------------------|---------|---------|---------------------|------------------------|---------------------|----------------------|------------------------|-------------|-------------|------------------|
|                    |         |         |                     |                        |                     |                      |                        | Bearing     | Stop collar | Hex key<br>1,5mm |
| 8                  | 25,4    | 70      |                     | <b>811.081.11B</b>     |                     |                      |                        | 791.010.00  | 541.001.00  | 991.056.00       |
| 12,7               | 19      | 57      |                     | <b>811.127.11B</b>     |                     |                      |                        | 791.010.00  | 541.001.00  | 991.056.00       |
| 13                 | 20      | 57      | <b>711.130.11B</b>  |                        |                     |                      |                        | 791.023.00  | 541.003.00  | 991.056.00       |
| 14,2               | 14,2    | 57      |                     | <b>811.142.11B</b>     |                     |                      |                        | 791.009.00  | 541.001.00  | 991.056.00       |
| 15                 | 20      | 57      | <b>711.150.11B</b>  |                        |                     |                      |                        | 791.024.00  | 541.003.00  | 991.056.00       |
| 15,8               | 12,7    | 58      |                     | <b>811.159.11B</b>     |                     |                      |                        | 791.009.00  | 541.001.00  | 991.056.00       |
| 15,8               | 19      | 66,5    |                     | <b>811.158.11B</b>     |                     |                      |                        | 791.009.00  | 541.001.00  | 991.056.00       |
| 16                 | 20      | 57      |                     |                        | <b>911.160.11B</b>  |                      |                        | 791.025.00  | 541.004.00  | 991.056.00       |
| 19                 | 20      | 57      | <b>711.190.11B</b>  |                        |                     |                      |                        | 791.007.00  | 541.003.00  | 991.056.00       |
| 19                 | 20      | 57      |                     | <b>811.191.11B</b>     |                     |                      |                        | 791.004.00  | 541.001.00  | 991.056.00       |
| 19                 | 25,4    | 63,5    |                     |                        |                     |                      | <b>811.690.11B</b>     | 791.011.00  | 541.002.00  | 991.056.00       |
| 22                 | 20      | 57      |                     |                        | <b>911.220.11B</b>  |                      |                        | 791.005.00  | 541.004.00  | 991.056.00       |
| 22,2               | 25,4    | 66,5    |                     |                        |                     |                      | <b>811.222.11B*</b>    | 791.021.00  | 541.006.00  | 991.056.00       |
| <b>long series</b> |         |         |                     |                        |                     |                      |                        |             |             |                  |
| 12,7               | 31,7    | 70      |                     | <b>812.127.11B</b>     |                     |                      |                        | 791.010.00  | 541.001.00  | 991.056.00       |
| 15                 | 31,7    | 66,5    | <b>712.150.11B</b>  |                        |                     |                      |                        | 791.024.00  | 541.003.00  | 991.056.00       |
| 15,8               | 31,7    | 70      |                     | <b>812.158.11B</b>     |                     |                      |                        | 791.009.00  | 541.001.00  | 991.056.00       |
| 16                 | 31,7    | 66,5    |                     |                        | <b>912.160.11B</b>  |                      |                        | 791.025.00  | 541.004.00  | 991.056.00       |
| 19                 | 38,1    | 82,5    |                     |                        |                     | <b>912.690.11B</b>   |                        | 791.011.00  | 541.005.00  | 991.056.00       |
| 19                 | 38,1    | 82,5    |                     |                        |                     |                      | <b>812.690.11B</b>     | 791.011.00  | 541.002.00  | 991.056.00       |
| 19                 | 50,8    | 92      |                     |                        |                     | <b>912.691.11B</b>   |                        | 791.011.00  | 541.005.00  | 991.056.00       |
| 19                 | 50,8    | 92      |                     |                        |                     |                      | <b>812.691.11B</b>     | 791.011.00  | 541.002.00  | 991.056.00       |

\*Shank Ø9,5mm with bushings Ø9,5/12,7mm (799.001.00)

## Panel pilot bits with guide



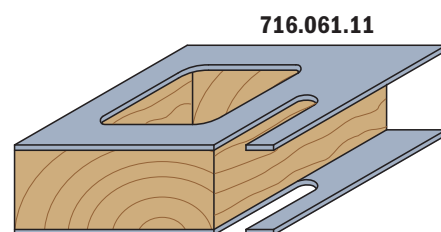
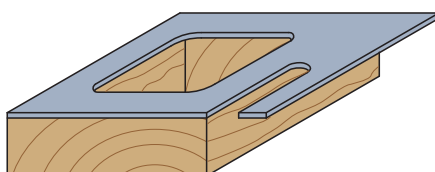
**7/8/916 - 716.061**



How much time do you end up spending making openings in paneling, drywall, siding, doors or windows? With the CMT panel pilot bit, the job just got quicker. The point plunges smoothly and easily and the carbide edges cut clean and fast. All of this adds up to accurate cuts in less time and with less effort - great for trimming formica, veneer and other laminates.

**Safety Tips:** Always use extra caution when working near electrical outlets and boxes - always disconnect the current. Make sure the bit does not go so deep as to cut the wires.

A unique and time saving bit, the CMT Double Panel Pilot Bit is perfect for making openings and slots in veneers and laminates. The lower portion of the cutting edge is located under the bearing and allows you to cut on both sides of the material. Durable carbide tipped cutters are spaced 12mm apart and each cutter can work in stock up to 18mm thick.



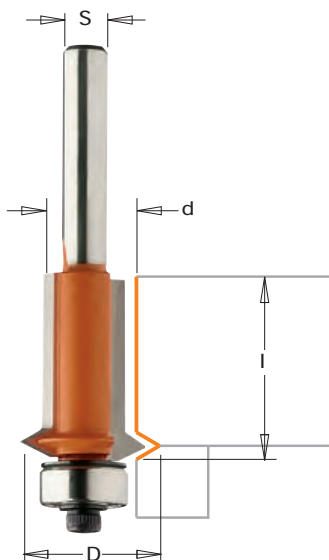
• HWM

| D<br>mm | I<br>mm | L<br>mm | Z   | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm | ORDER NO.<br>S=Ø12mm | ORDER NO.<br>S=Ø12,7mm |
|---------|---------|---------|-----|---------------------|------------------------|---------------------|----------------------|------------------------|
| 6       | 19      | 64      | 1   | <b>716.060.11</b>   |                        |                     |                      |                        |
| •6      | 19      | 60      | 1   | <b>716.060.21</b>   |                        |                     |                      |                        |
| •6      | 18+18   | 70      | 1+1 | <b>716.061.11</b>   |                        |                     |                      |                        |
| 6,35    | 19      | 64      | 1   |                     | <b>816.064.11</b>      |                     |                      |                        |
| 8       | 19      | 64      | 1   |                     |                        | <b>916.080.11</b>   |                      |                        |
| 9,53    | 25,4    | 78      | 2   |                     | <b>816.095.11</b>      |                     |                      |                        |
| 12      | 31,7    | 102     | 2   |                     |                        |                     | <b>916.627.11</b>    |                        |
| 12,7    | 31,7    | 102     | 2   |                     |                        |                     |                      | <b>816.627.11</b>      |

10 pcs. in masterpack

816.627.11-X10

## Panel pilot bits with guide

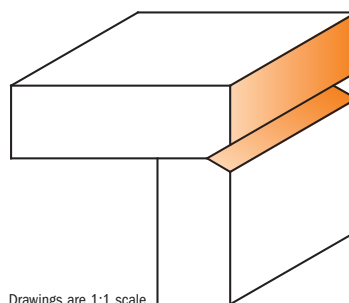


**7/8/953**



An absolutely indispensable bit for making cabinets. CMT Flush and V-Groove bits allow you to make cabinet front frames in 25mm stock that fit perfectly with the sides. The added V-cutter feature makes a decorative groove along the hinge joint to hide the seam.

**Shop Tip:** For best results, leave less than 3mm overhang on cabinet front frames for easier routing.



Drawings are 1:1 scale

| d<br>mm | D<br>mm | I<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm | ORDER NO.<br>S=Ø12mm | ORDER NO.<br>S=Ø12,7mm | Spare parts       |                    |                    |                  |
|---------|---------|---------|---------------------|------------------------|---------------------|----------------------|------------------------|-------------------|--------------------|--------------------|------------------|
| 12,7    | 19      | 25,4    | <b>753.001.11</b>   | <b>853.001.11</b>      | <b>953.001.11</b>   | <b>953.501.11</b>    | <b>853.501.11</b>      | Shield<br>Ø12,7mm | Bearing<br>Ø4,76mm | Screw TCEI<br>1/8W | Hex key<br>3/32" |
|         |         |         |                     |                        |                     |                      |                        | 990.423.00        | 791.003.00         | 990.058.00         | 991.057.00       |

## Weatherseal bits

**CMT**

HWM

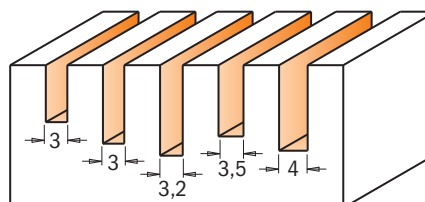
RH



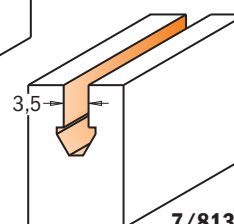
Make your house more energy efficient by insulating old doors and windows. A CMT Weatherseal bit is the perfect bit to re-groove door and window frames to accommodate wind blocking inserts. Made of solid carbide for strength and endurance.

Special economical double-sided design lets you save money by offering two tips in one bit; with the same features as the one-sided weatherseal bit. Only available with a 3mm cutting diameter.

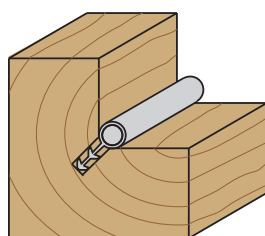
Make your house more energy efficient by insulating old doors and windows. A CMT Weatherseal bit is the perfect bit to re-groove door and window frames to accommodate wind blocking inserts. Made of solid carbide for strength and endurance.



Drawing are 1:1 scale

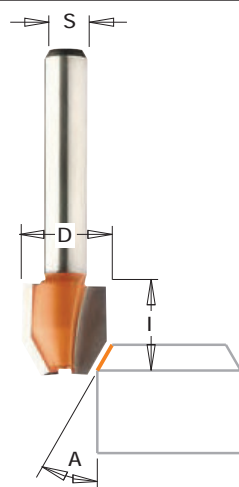


7/813.001.11



| D<br>mm | I<br>mm | L<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm |
|---------|---------|---------|---------------------|------------------------|
| 3       | 8       | 70      | 711.031.11          |                        |
| 3       | 11      | 60      | 712.030.11          |                        |
| 3,2     | 12,7    | 50,8    |                     | 812.032.11             |
| 3,5     | 10      | 60      | 191.635.11          |                        |
| 4       | 12      | 60      | 712.040.11          |                        |
| 3,5     | 8       | 70      | 713.001.11          |                        |
| 3,5     | 8       | 63,5    |                     | 813.001.11             |

## Combination trimmer bits



**7/8/921**

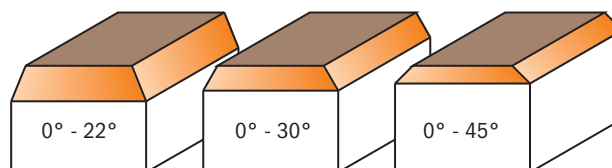
HW

Z2

RH

Work to your highest standards with the CMT combination trimmer bit. Now you can cut, trim and bevel all laminates without having to change bits. Get great results in straight or angle cuts in both hard and soft woods. CMT Combination bits are available in three popular sizes, each with carbide-faced cutting edges to efficiently execute bevel or straight edges.

NOTE: must be used with edge guide, separate bearing guide or fence.



Drawings are 1:1 scale

| A        | D<br>mm | I<br>mm | ORDER NO.<br>S=Ø6mm | ORDER NO.<br>S=Ø6,35mm | ORDER NO.<br>S=Ø8mm |
|----------|---------|---------|---------------------|------------------------|---------------------|
| 0° - 22° | 12      | 12,7    | 721.022.11          | 821.022.11             |                     |
| 0° - 30° | 12      | 12,7    | 721.030.11          | 821.030.11             | 921.030.11          |
| 0° - 45° | 12      | 12,7    | 721.045.11          | 821.045.11             |                     |