

## CARBIDE TIPPED

# HOLECUTTERS

Precision cutting for high production applications. Makes clean, fast cuts in sheet metal, stainless steel, pipe, conduit, aluminum and composites.

### FEATURES & BENEFITS

- ▼ Precision ground triple chip tooth for smooth cutting
- ▼ Two cutting depths offered: 1" (25mm) for pipe and conduit, 3/16" (4.5mm) for sheet metal
- ▼ Ejector spring for slug removal
- ▼ Step-center pilot bit reduces "break through" impact
- ▼ Grooved gullet directs chips away from the cut
- ▼ Flat shank fits 3/8" and larger drill chucks



### APPLICATIONS

- ▼ Sheet Metal, Stainless Steel, Pipe, Aluminum, PVC/ABS, Plastic




| Diameter |    | Shank           | SHALLOW<br>Cut Depth 3/16" (4.5mm) |        | DEEP<br>Cut Depth 1" (25mm) |        |
|----------|----|-----------------|------------------------------------|--------|-----------------------------|--------|
| IN       | MM |                 | Model                              | Part   | Model                       | Part   |
|          |    |                 | 1/BOX                              |        | 1/BOX                       |        |
| 9/16     | 14 | 10mm 6-sided    | CTS09                              | 166034 | CTD09                       | 167024 |
| 5/8      | 16 | 10mm 6-sided    | CTS10                              | 166041 | CTD10                       | 167031 |
| 11/16    | 17 | 10mm 6-sided    | CTS11                              | 166058 | CTD11                       | 167048 |
| 3/4      | 19 | 10mm 6-sided    | CTS12                              | 166065 | CTD12                       | 167055 |
|          | 20 | 10mm 6-sided    | CTS125                             | 166577 | CTD125                      | 167437 |
| 13/16    | 21 | 10mm 6-sided    | CTS13                              | 166072 | CTD13                       | 167062 |
| 7/8      | 22 | 10mm 6-sided    | CTS14                              | 166089 | CTD14                       | 167079 |
| 15/16    | 24 | 10mm 6-sided    | CTS15                              | 166096 | CTD15                       | 167086 |
|          | 25 | 10/13mm 3-sided | CTS155                             | 166584 | CTD155                      | 167444 |
| 1        | 25 | 10/13mm 3-sided | CTS16                              | 166102 | CTD16                       | 167093 |
| 1 1/16   | 27 | 10/13mm 3-sided | CTS17                              | 166119 | CTD17                       | 167109 |
| 1 1/8    | 29 | 10/13mm 3-sided | CTS18                              | 166126 | CTD18                       | 167116 |
| 1 1/16   | 30 | 10/13mm 3-sided | CTS19                              | 166133 | CTD19                       | 167123 |
| 1 1/32   | 31 | 10/13mm 3-sided | CTS195                             | 166140 |                             |        |
| 1 1/4    | 32 | 10/13mm 3-sided | CTS20                              | 166157 | CTD20                       | 167130 |
|          | 32 | 10/13mm 3-sided | CTS205                             | 166591 | CTD205                      | 167451 |
| 1 1/16   | 33 | 10/13mm 3-sided | CTS21                              | 166164 | CTD21                       | 167147 |
| 1 3/8    | 35 | 10/13mm 3-sided | CTS22                              | 166171 | CTD22                       | 167154 |
| 1 1/16   | 37 | 10/13mm 3-sided | CTS23                              | 166188 | CTD23                       | 167161 |
|          | 38 | 10/13mm 3-sided | CTS235                             | 166607 | CTD235                      | 167468 |
| 1 1/2    | 38 | 10/13mm 3-sided | CTS24                              | 166195 | CTD24                       | 167178 |
| 1 9/16   | 40 | 13mm 6-sided    | CTS25                              | 166201 | CTD25                       | 167185 |
| 1 7/8    | 41 | 13mm 6-sided    | CTS26                              | 166218 | CTD26                       | 167192 |
| 1 11/16  | 43 | 13mm 6-sided    | CTS27                              | 166225 | CTD27                       | 167208 |
| 1 3/4    | 44 | 13mm 6-sided    | CTS28                              | 166232 | CTD28                       | 167215 |
| 1 13/16  | 46 | 13mm 6-sided    | CTS29                              | 166249 | CTD29                       | 167222 |
| 1 7/8    | 48 | 13mm 6-sided    | CTS30                              | 166256 | CTD30                       | 167239 |
| 1 15/16  | 49 | 13mm 6-sided    | CTS31                              | 166263 | CTD31                       | 167246 |
|          | 50 | 13mm 6-sided    | CTS315                             | 166614 | CTD315                      | 167475 |
| 2        | 51 | 13mm 6-sided    | CTS32                              | 166270 | CTD32                       | 167253 |
| 2 1/16   | 52 | 13mm 6-sided    | CTS33                              | 166621 |                             |        |
| 2 1/8    | 54 | 13mm 6-sided    | CTS34                              | 166287 | CTD34                       | 167260 |
| 2 1/16   | 56 | 13mm 6-sided    | CTS35                              | 166294 |                             |        |
| 2 1/4    | 57 | 13mm 6-sided    | CTS36                              | 166300 | CTD36                       | 167277 |
| 2 3/16   | 59 | 13mm 6-sided    | CTS37                              | 166317 |                             |        |
| 2 3/8    | 60 | 13mm 6-sided    | CTS38                              | 166324 | CTD38                       | 167284 |

| Diameter |     | Shank        | SHALLOW<br>Cut Depth 3/16" (4.5mm) |        | DEEP<br>Cut Depth 1" (25mm) |        |
|----------|-----|--------------|------------------------------------|--------|-----------------------------|--------|
| IN       | MM  |              | Model                              | Part   | Model                       | Part   |
|          |     |              | 1/BOX                              |        | 1/BOX                       |        |
| 2 7/16   | 62  | 13mm 6-sided | CTS39                              | 166331 |                             |        |
| 2 1/2    | 64  | 13mm 6-sided | CTS40                              | 166348 | CTD40                       | 167291 |
| 2 5/16   | 65  | 13mm 6-sided | CTS41                              | 166355 | CTD41                       | 167307 |
| 2 3/8    | 67  | 13mm 6-sided | CTS42                              | 166362 | CTD42                       | 167314 |
| 2 11/16  | 68  | 13mm 6-sided | CTS435                             | 166379 |                             |        |
| 2 3/4    | 70  | 13mm 6-sided | CTS44                              | 166386 | CTD44                       | 167321 |
| 2 13/16  | 71  | 13mm 6-sided | CTS45                              | 166393 |                             |        |
| 2 7/8    | 73  | 13mm 6-sided | CTS46                              | 166409 | CTD46                       | 167338 |
| 2 15/16  | 75  | 13mm 6-sided | CTS47                              | 166416 |                             |        |
| 3        | 76  | 13mm 6-sided | CTS48                              | 166423 | CTD48                       | 167345 |
| 3 1/8    | 79  | 13mm 6-sided | CTS50                              | 166430 |                             |        |
| 3 1/4    | 83  | 13mm 6-sided | CTS52                              | 166447 | CTD52                       | 167352 |
| 3 3/8    | 86  | 13mm 6-sided | CTS54                              | 166454 |                             |        |
| 3 1/2    | 89  | 13mm 6-sided | CTS56                              | 166461 | CTD56                       | 167369 |
| 3 5/8    | 92  | 13mm 6-sided | CTS58                              | 166478 | CTD58                       | 167376 |
| 3 3/4    | 95  | 13mm 6-sided | CTS60                              | 166485 | CTD60                       | 167383 |
| 3 7/8    | 98  | 13mm 6-sided | CTS62                              | 166492 |                             |        |
| 4        | 102 | 13mm 6-sided | CTS64                              | 166508 | CTD64                       | 167390 |
| 4 1/8    | 105 | 13mm 6-sided | CTS66                              | 166515 | CTD66                       | 167406 |
| 4 1/4    | 108 | 13mm 6-sided | CTS68                              | 166522 | CTD68                       | 167413 |
| 4 3/8    | 111 | 13mm 6-sided | CTS70                              | 166539 |                             |        |
| 4 1/2    | 114 | 13mm 6-sided | CTS72                              | 166546 | CTD72                       | 167420 |
| 4 3/4    | 121 | 13mm 6-sided | CTS76                              | 166553 |                             |        |
| 5        | 127 | 13mm 6-sided | CTS80                              | 166560 |                             |        |





## KITS

### MECHANICAL CONTRACTOR

### ELECTRICIAN

| Kit   |       |        | Components              |    | Kit   |       |        | Components     |    | Kit   |       |        | Components     |    |                         |  |
|---|-------|--------|-------------------------|----|---|-------|--------|----------------|----|---|-------|--------|----------------|----|-------------------------|--|
| Depth   | Model | Part   | Diameter<br>in          | mm | Depth   | Model | Part   | Diameter<br>in | mm | Depth   | Model | Part   | Diameter<br>in | mm |                         |  |
| Deep  | CTD01 | 167543 | 1 1/16                  | 17 | Shallow   | CTS02 | 166737 | 7/8            | 22 | Shallow   | CTS01 | 166720 | 7/8            | 22 |                         |  |
|  |       |        | 1 3/16                  | 21 |  |       |        | 1 1/8          | 29 |  |       |        | 1 1/8          | 29 |                         |  |
|   |       |        | 1 5/16                  | 24 |   |       |        | 1 1/4          | 35 |   |       |        | 1 3/8          | 35 |                         |  |
|   |       |        | 1 7/16                  | 27 |   |       |        | 1 3/4          | 44 |   |       |        | 2              | 51 | TCT Stepped Pilot Drill |  |
|   |       |        | TCT Stepped Pilot Drill |    |   |       |        | 2 1/2          | 64 |   |       |        | Ejector Spring |    |                         |  |
|   |       |        | Ejector Spring          |    |   |       |        | Hex Key        |    |   |       |        | Hex Key        |    |                         |  |

## ACCESSORIES

| Description   | SHALLOW<br>1/Pack | DEEP<br>1/Pack |
|---|-------------------|----------------|
| Set Screw                                        | CTSW01 166003     | CTSW01 166003  |
| TCT Stepped Pilot Drill for 4" (102mm) and less  | CTSP 166010       | CTDP 167000    |
| TCT Stepped Pilot Drill for 4" (102mm) and up    | CTSPXL 166638     | CTDPXL 167482  |
| Ejector Spring                                   | CTSS 166027       | CTDS 167017    |