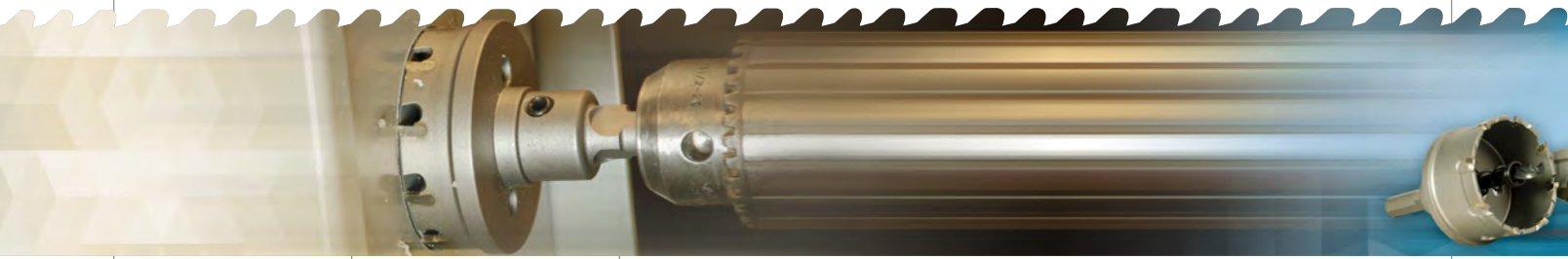


# HOLE CUTTING & BORING TOOLS



## CARBIDE TIPPED HOLE CUTTERS

Designed for quick, clean precise cuts in metals and plastics while offering excellent usage life.

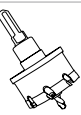
### APPLICATIONS

- ▼ Sheet metal
- ▼ Stainless steel
- ▼ Pipe
- ▼ Aluminum
- ▼ PVC/ABS
- ▼ Plastic

### 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

Diameter		Shank	SHALLOW		DEEP	
in	mm		Cut Depth 3/16" (4.5mm)		Cut Depth 1" (25mm)	
			Model	Part	Model	Part
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
11/16	27	10/13mm 3-sided	CTS17	166119	CTD17	167109
1 1/8	29	10/13mm 3-sided	CTS18	166126	CTD18	167116
13/16	30	10/13mm 3-sided	CTS19	166133	CTD19	167123
17/32	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
15/16	33	10/13mm 3-sided	CTS21	166164	CTD21	167147
1 3/8	35	10/13mm 3-sided	CTS22	166171	CTD22	167154
17/16	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
19/16	40	13mm 6-sided	CTS25	166201	CTD25	167185
1 5/8	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	166277		
2 1/8	54	13mm 6-sided	CTS34	166287	CTD34	167260
2 3/16	56	13mm 6-sided	CTS35	166294		
2 1/4	57	13mm 6-sided	CTS36	166300	CTD36	167277
2 5/16	59	13mm 6-sided	CTS37	166317		
2 3/8	60	13mm 6-sided	CTS38	166324	CTD38	167284





Diameter		Shank	SHALLOW		DEEP	
in	mm		Cut Depth 3/16" (4.5mm)		Cut Depth 1" (25mm)	
			Model	Part	Model	Part
27/16	62	13mm 6-sided	CTS39	166331		
2 1/2	64	13mm 6-sided	CTS40	166348	CTD40	167291
29/16	65	13mm 6-sided	CTS41	166355	CTD41	167307
2 5/8	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		

### ACCESSORIES

Carbide Tipped Hole Cutters	Model	Part
<b>1/Pack</b>		
Ejector Spring - Shallow	CTSS	166027
Ejector Spring - Deep	CTDS	167017
Set Screw	CTSW01	166003
TCT Stepped Pilot Drill - Shallow	CTSP	166010
TCT Stepped Pilot Drill - Deep	CTDP	167000

### ELECTRICIAN KIT - 6 PIECE

Kit			Components			
Depth	Model	Part	Diameter		Model	Part
			in	mm		
Shallow	CTS01	166720	7/8	22.2	CTS14	166089
			1-1/8	28.6	CTS18	166126
			1-3/8	34.9	CTS22	166171
			TCT Stepped Pilot Drill		CTSP	166010
			Ejector Spring		CTSS	166027
			Hex Key			



### MECHANICAL CONTRACTOR KIT - 7 PIECE

Kit			Components			
Depth	Model	Part	Diameter		Model	Part
			in	mm		
Deep	CTD01	167543	11/16	17.5	CTD11	167048
			13/16	20.6	CTD13	167062
			15/16	23.8	CTD15	167086
			1-1/16	27.0	CTD17	167109
			TCT Stepped Pilot Drill		CTDP	167000
			Ejector Spring		CTDS	167017
			Hex Key			



### ELECTRICIAN KIT - 9 PIECE

Kit			Components			
Depth	Model	Part	Diameter		Model	Part
			in	mm		
Shallow	CTS02	166737	7/8	22.2	CTS14	166089
			1-1/8	28.6	CTS18	166126
			1-3/8	34.9	CTS22	166171
			1-3/4	44.5	CTS28	166232
			2	50.8	CTS32	166270
			2-1/2	63.5	CTS40	166348
			TCT Stepped Pilot Drill		CTSP	166010
			Ejector Spring		CTSS	166027
			Hex Key			

