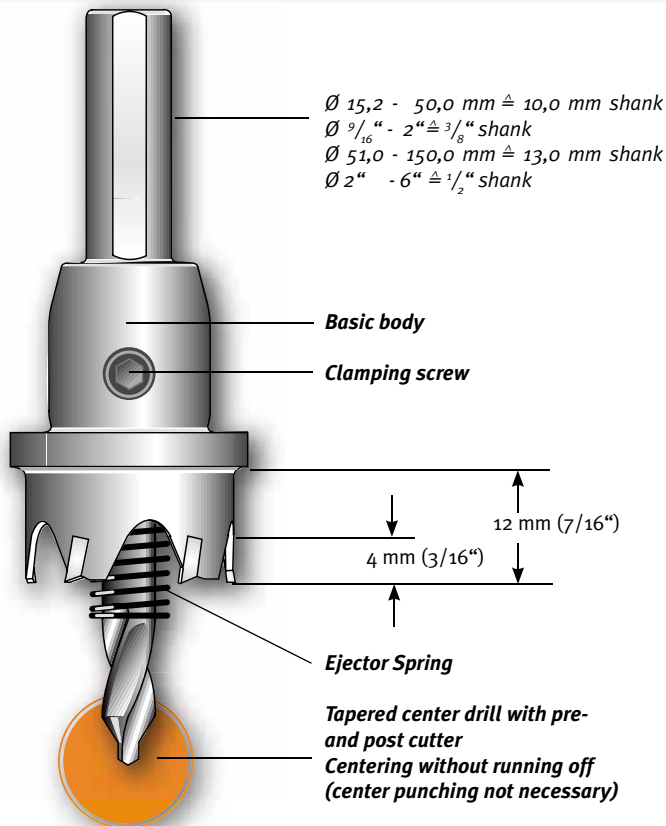


# A



## ALFRA TCT-HOLE SAWS – Short Type

Made in Germany by ALFRA



stainless steel



The application area of TCT Hole Saws differs from HSS-Bi-Metal Hole Saws. With ALFRA TCT Hole Saws, suitable to economically process stainless steel up to 2 mm (1/16"), unalloyed steels up to 4 mm (3/16"), plastics, PVC, aluminium, zinc, gypsum plaster boards and lightweight building boards, as well as asbestos. For the use on portable- and pillar drilling machines. Do not use automatic feed, when working with pillar drilling machines.

### Features:

- High concentric running exactness through solid construction.
- CAD-optimized cutting angles with specially ground section ensures high cutting capacity and long tool life.
- Quick removal of drilled core through ejector spring for all hole saws up to  $\varnothing 150 \text{ mm}$  (6").
- Carbide tipping enables repeated re-grinding.
- Exchangeable center pin.
- As from  $\varnothing 31 \text{ mm}$  ( $1 \frac{7}{32}''$ ) use of MT tool holders.

### Tips:

- At thicker materials: cut 2-3 mm per cutting process, remove chips afterwards.
- When cutting metals, a high- grade cutting oil should be used. Exception: Do not use cutting oil when using cast iron, use paraffin instead of oil when cutting aluminium.
- **Keep in mind: Always wear safety goggles.**



### Another safety feature:

From  $\varnothing 15.2 \text{ mm}$  ( $\frac{3}{16}''$ ) to  $30.0 \text{ mm}$  ( $1 \frac{1}{8}''$ ), the Hole Saw is made of one piece. From  $\varnothing 31.0 \text{ mm}$  ( $1 \frac{3}{16}''$ ) we use special hardened tool holders to absorb heavy duty torsion forces and subsequently to avoid a shearing off of the shank.

**Incomparable with any of our competitors makes!!!**



# A



## ALFRA TCT-HOLE SAWS – Short Type

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Ø mm		inch	No. of teeth	Prod.-No. complete
15,2	PG 9	3/16"	4	0600152
16,0	M 16	5/8"	4	0600160
17,0			4	0600170
18,0		11/16"	4	0600180
18,6	PG 11		4	0600186
19,0		3/4"	4	0600190
20,0	M 20		5	0600200
20,4	PG 13		5	0600204
21,0		13/16"	5	0600210
22,0			5	0600220
22,5	PG 16		5	0600225
23,0		7/8"	5	0600230
24,0		15/16"	5	0600240
25,0	M 25		5	0600250
26,0		1"	5	0600260
27,0		1 1/16"	5	0600270
28,0			5	0600280
28,3	PG 21		5	0600283
29,0		1 1/8"	5	0600290
30,0		1 3/16"	5	0600300
31,0		1 7/32"	6	0600310
32,0	M 32	1 1/4"	6	0600320
33,0			6	0600330
34,0		1 5/16"	6	0600340
35,0		1 3/8"	6	0600350
36,0			6	0600360
37,0	PG 29	1 7/16"	7	0600370
38,0			7	0600380
39,0		1 1/2"	7	0600390
40,0	M 40	1 9/16"	7	0600400
41,0			8	0600410
42,0		1 5/8"	8	0600420
43,0		1 11/16"	8	0600430
44,0			8	0600440
45,0		1 3/4"	8	0600450
46,0			8	0600460
47,0	PG 36	1 13/16"	9	0600470
48,0		1 7/8"	9	0600480
49,0			9	0600490
50,0	M 50	1 15/16"	9	0600500
51,0		2"	9	0600510
52,0		2 1/16"	10	0600520
53,0			10	0600530
54,0	PG 42	2 1/8"	10	0600540
55,0			10	0600550
56,0		2 3/16"	10	0600560
57,0		2 1/4"	10	0600570
58,0			10	0600580
59,0		2 5/16"	10	0600590
60,0	PG 48	2 3/8"	10	0600600
61,0			11	0600610
62,0		2 7/16"	11	0600620
63,0	M 63		11	0600630
64,0		2 1/2"	11	0600640
65,0			11	0600650
66,0		2 9/16"	12	0600660
67,0		2 5/8"	12	0600670
68,0			12	0600680
69,0		2 11/16"	12	0600690
70,0		2 3/4"	12	0600700
71,0			12	0600710
72,0		2 13/16"	13	0600720
73,0		2 7/8"	13	0600730
74,0			13	0600740
75,0		2 15/16"	13	0600750
76,0		3"	13	0600760
77,0			13	0600770

Ø mm		inch	No. of teeth	Prod.-No. complete
78,0		3 1/16"	14	0600780
79,0		3 1/8"	14	0600790
80,0			14	0600800
81,0		3 3/16"	14	0600810
82,0			14	0600820
83,0		3 1/4"	14	0600830
84,0		3 5/16"	15	0600840
85,0			15	0600850
86,0		3 3/8"	15	0600860
87,0		3 7/16"	15	0600870
88,0			15	0600880
89,0		3 1/2"	16	0600890
90,0		3 9/16"	16	0600900
91,0			16	0600910
92,0		3 5/8"	16	0600920
93,0			16	0600930
94,0		3 11/16"	16	0600940
95,0		3 3/4"	17	0600950
96,0			17	0600960
97,0		3 13/16"	17	0600970
98,0		3 7/8"	17	0600980
99,0			17	0600990
100,0		3 15/16"	17	0601000
105,0		4"	18	0601050
110,0			18	0601100
115,0		4 1/2"	20	0601150
120,0			20	0601200
125,0			20	0601250
130,0		5"	20	0601300
135,0			24	0601350
140,0		5 1/2"	24	0601400
145,0			24	0601450
150,0			24	0601500



Prod.-No. 0600001

### Set Metric

Set Metric

Prod.-No.  
0600001

Content:  
1 each of Ø 16/20/25/32/40 mm  
2 Allen Keys



### HSS-Spare Drill

with tapered center tip

from Ø 15,2 - 100,0 Ø 6 mm 0602650  
from Ø 101,0 - 150,0 Ø 8 mm 0602850



From Ø 61 mm we recommend Tool Holders MT2 and MT3.

MT-2 (up to Ø 100,0 mm) 0734002  
MT-3 (up to Ø 150,0 mm) 0734003

### Spare Ejector Spring

from Ø 15,2 - 100,0 Ø 6 mm 0602006

### Coolant ALFRA

**ALFRA BIO 2000**  
For mild steel St 37, 405 ml 21010

**ALFRA 3000**  
For chrome-nickel steels  
520 ml 21030