



ALFRA HSS BI-METAL HOLE SAWS

Features:

- M42
- High concentricity
- With solid base plate, thus more threads and higher stability as well as concentric running exactness.
- For material from 2 mm – with positive chipping and cutting angles as well as combi-toothing 4/6 tpi. This variable spacing provides a more even cut, for a minor generation of vibrations and heat. Lower expenditure of energy when cutting.
- Cutting Depth: 38 mm (1-1/2").
- Lateral slots help to remove the core.
- Suitable for unalloyed steel (up to 700 N/mm²), nonferrous metals, light metals, plastics, gypsum, pulp wood- and plywood boards, lightweight building boards and general wood processing.
- Drill bit exchangeable with other commercially available arbors.





B



Also steel/stainless steel up to approx. 3 mm, can be worked easily (for frequent use, we recommend our TCT Hole Saws).



... designed to work on softwoods.



ALFRA – HSS-BI-METAL HOLE SAWS

ALFRA HSS-Bi-Metal Hole Saws are applicable in portable and pillar drilling machines. When using pillar drilling machines, use manual feed only.

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Tip:

Start drilling operation with light pressure. Continue with light and steady pressure, avoid pendulum motion, follow the speed chart, use coolant. When cutting wood or wood substitutes, remove drill dust in time.



Combi toothing 4/6 tpi



from Ø 14.0 to 210 mm available

Saw Ø mm	Inches	Prod.-No.
14.0	9/16"	0500014
16.0	5/8"	0500016
17.0	11/16"	0500017
19.0	3/4"	0500019
20.0	15/16"	0500020
21.0	13/16"	0500021
22.0	7/8"	0500022
24.0	15/16"	0500024
25.0	1"	0500025
27.0	11/16"	0500027
29.0	1-1/8"	0500029
30.0	1-3/16"	0500030
32.0	1-1/4"	0500032
33.0	1-5/16"	0500033
35.0	1-3/8"	0500035
37.0	1-7/16"	0500037
38.0	1-1/2"	0500038
40.0	1-9/16"	0500040
41.0	1-5/8"	0500041
43.0	1-11/16"	0500043
44.0	1-3/4"	0500044
46.0	1-13/16"	0500046
48.0	1-7/8"	0500048
51.0	2"	0500051
52.0	2-1/16"	0500052
54.0	2-1/8"	0500054
57.0	2-1/4"	0500057
59.0	2-5/16"	0500059
60.0	2-3/8"	0500060
64.0	2-1/2"	0500064
65.0	2-9/16"	0500065
67.0	2-5/8"	0500067
68.0	2-11/16"	0500068
70.0	2-3/4"	0500070
73.0	2-7/8"	0500073

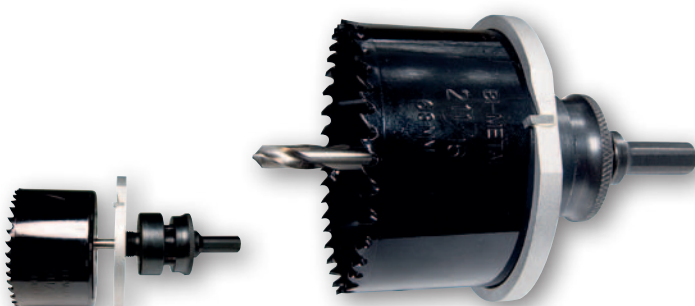




ALFRA – HSS BI-METAL HOLE SAWS



Saw Ø mm	Inches	Prod.-No.
74.0	2-11/12"	0500074
76.0	3"	0500076
79.0	3-1/8"	0500079
83.0	3-1/4"	0500083
86.0	3-3/8"	0500086
89.0	3-1/2"	0500089
92.0	3-5/8"	0500092
95.0	3-3/4"	0500095
98.0	3-7/8"	0500098
102.0	4"	0500102
105.0	4-1/8"	0500105
108.0	4-1/4"	0500108
111.0	4-3/8"	0500111
114.0	4-1/2"	0500114
121.0	4-3/4"	0500121
127.0	5"	0500127
140.0	5-1/2"	0500140
152.0	6"	0500152
From Ø 160.0 mm only suitable for wood and wood substitutes.		
160.0	6-5/16"	0500160
168.0	6-10/16"	0500168
177.0	7"	0500177
210.0	8-5/16"	0500210



Prod.-No. 0501013 with bi-metal hole saw Ø 68 mm + A2-SS

Arbors

with pilot drill

Saw-Ø mm	Saw-Ø inch	Type	Shank-Ø	Prod.-No.
14 - 30	9/16 - 1 3/16	A 6-SS	9.5 hexagon	0501001
14 - 30	9/16 - 1 3/16	A 6-SDS	SDS	0501002
32 - 152	1 1/4 - 6	A 2-SS	9.5 hexagon	0501003
32 - 152	1 1/4 - 6	A 2-SDS	SDS	0501005
32 - 210	1 1/4 - 8 5/16	A 3-SS	11.11 hexagon	0501006
32 - 210	1 1/4 - 8 5/16	A 5-SS	16.0 hexagon	0501008

Accessories:

Rim countersink for Ø 68 mm (with TCT-teeth)	0501013
Extension shaft 300 mm x 9.5 mm for A 6-SS + A 2-SS, A3-SS	0501010
Spare Center Drill HSS Ø 6.35 mm x 80 mm for A 6-SS + A 6-SDS + A 2-SS + A 2-SDS + A 3-SS + A 5-SS	0502001
Ejector Spring	0502004

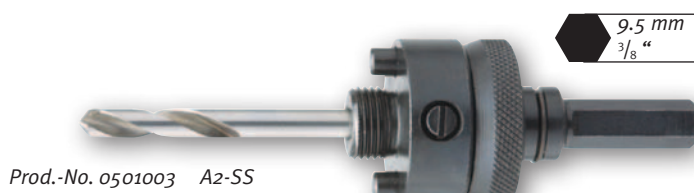
Important: Disable impact drill position when using SDS-shanks!



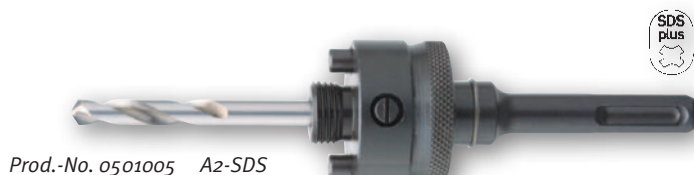
Prod.-No. 0501001 A6-SS



Prod.-No. 0501002 A6-SDS



Prod.-No. 0501003 A2-SS



Prod.-No. 0501005 A2-SDS



Prod.-No. 0501006 A3-SS



Prod.-No. 0501013



Prod.-No. 0501010



Prod.-No. 0502001

Prod.-No. 0502004



B



ALFRA – HSS BI-METAL HOLE SAW SETS

The following HSS-Bi-Metal Hole Saw Sets enlarge our range. These sets were especially compiled for electricians, mechanics, plumbers and for general, universal applications. These sets improve the presentation. Storage in solid tool cases.

Hole Saw Set Standard

Prod.-No.

0503006

Contents:

Ø 16 mm ($\frac{5}{8}$ "")
 Ø 19 mm ($\frac{3}{4}$ "")
 Ø 22 mm ($\frac{7}{8}$ "")
 Ø 29 mm ($1 \frac{1}{8}$ "")
 Ø 35 mm ($1 \frac{3}{8}$ "")
 Ø 44 mm ($1 \frac{3}{4}$ "")
 Ø 52 mm ($2 \frac{1}{16}$ "")
 Ø 57 mm ($2 \frac{1}{4}$ "")
 Ø 67 mm ($2 \frac{5}{8}$ "")

Arbor A6-SS, Arbor A2-SS, Spare Twist Drill



Prod.-No. 0503006

Hole Saw Set Professional

Prod.-No.

0503007

Contents:

Ø 16 mm ($\frac{5}{8}$ "")
 Ø 19 mm ($\frac{3}{4}$ "")
 Ø 22 mm ($\frac{7}{8}$ "")
 Ø 25 mm (1")
 Ø 29 mm ($1 \frac{1}{8}$ "")
 Ø 32 mm ($1 \frac{1}{4}$ "")
 Ø 35 mm ($1 \frac{3}{8}$ "")
 Ø 38 mm ($1 \frac{1}{2}$ "")
 Ø 44 mm ($1 \frac{3}{4}$ "")
 Ø 51 mm (2")
 Ø 64 mm ($2 \frac{1}{2}$ "")
 Ø 76 mm (3")

Arbor A6-SS, Arbor A2-SS, Spare Twist Drill



Prod.-No. 0503007

Hole Saw Set Electro

Prod.-No.

0503008

Contents:

Ø 22 mm ($\frac{7}{8}$ "")
 Ø 29 mm ($1 \frac{1}{8}$ "")
 Ø 35 mm ($1 \frac{3}{8}$ "")
 Ø 44 mm ($1 \frac{3}{4}$ "")
 Ø 51 mm (2")
 Ø 64 mm ($2 \frac{1}{2}$ "")
 Ø 68 mm ($2 \frac{11}{16}$ "")

Arbor A6-SS, Arbor A2-SS, Spare Twist Drill



Prod.-No. 0503008

Hole Saw Set Sanitary

Prod.-No.

0503009

Contents:

Ø 16 mm ($\frac{5}{8}$ "")
 Ø 19 mm ($\frac{3}{4}$ "")
 Ø 24 mm ($\frac{15}{16}$ "")
 Ø 29 mm ($1 \frac{1}{8}$ "")
 Ø 38 mm ($1 \frac{1}{2}$ "")
 Ø 44 mm ($1 \frac{3}{4}$ "")
 Ø 57 mm ($2 \frac{1}{4}$ "")
 Ø 67 mm ($2 \frac{5}{8}$ "")

Arbor A6-SS, Arbor A2-SS, Spare Twist Drill



Prod.-No. 0503009