HSS bi-metal hole saws, with varied toothing

Cutting edges: HSS
Jacket: special steel
Cutting depth: up to max. 38 mm (1 1/2")
Cutting teeth: varied toothing
Right-hand cutting

Suitable for unalloyed steel (up to 700 N/mm² strength), non-ferrous and light metals, plastics, plasterboard and light building boards, fibreboard, plywood and wood.

Packing unit: individual carton

Ø mm	Ø inch	Through dimensions PG	Tube dimensions inch	For arbor holders	Article no.	Price / each €
14	9/16			A1 / A4 / A5	106 014	
16	5/8	~ PG 9		A1 / A4 / A5	106 016	
17				A1 / A4 / A5	106 017	
19	3/4	~ PG 11	3/8	A1 / A4 / A5	106 019	
20				A1 / A4 / A5	106 020	
21		~ PG 13,5		A1 / A4 / A5	106 021	
22	7/8		1/2	A1 / A4 / A5	106 022	
24	15/16	~ PG 16		A1 / A4 / A5	106 024	
25	1			A1 / A4 / A5	106 025	
27	1 1/16			A1 / A4 / A5	106 027	
28	1 3/32			A1 / A4 / A5	106 028	
29	1 1/8	~ PG 21	3/4	A1 / A4 / A5	106 029	
30	1 3/16			A1 / A4 / A5	106 030	
32	1 1/4			A2 / A6 / A7	106 032	
33				A2 / A6 / A7	106 033	
35	1 3/8		1	A2 / A6 / A7	106 035	
36				A2 / A6 / A7	106 036	
37		PG 29		A2 / A6 / A7	106 037	
38	1 1/2			A2 / A6 / A7	106 038	
40				A2 / A6 / A7	106 040	
41	1 5/8			A2 / A6 / A7	106 041	
43	1 11/16			A2 / A6 / A7	106 043	
44	1 3/4		1 1/4	A2 / A6 / A7	106 044	
46	1 13/16			A2 / A6 / A7	106 046	
48	1 7/8	~ PG 36		A2 / A6 / A7	106 048	
51	2		1 1/2	A2 / A6 / A7	106 051	
52				A2 / A6 / A7	106 052	
54	2 1/8	PG 42		A2 / A6 / A7	106 054	
55				A2 / A6 / A7	106 055	
57	2 1/4			A2 / A6 / A7	106 057	
59				A2 / A6 / A7	106 059	
60	2 3/8	~ PG 48		A2 / A6 / A7	106 060	
63				A2 / A6 / A7	106 063	
64	2 1/2		2	A2 / A6 / A7	106 064	
65				A2 / A6 / A7	106 065	
67	2 5/8			A2 / A6 / A7	106 067	
68				A2 / A6 / A7	106 068	
70	2 3/4			A2 / A6 / A7	106 070	
73	2 7/8			A2 / A6 / A7	106 073	
76	3		2 1/2	A2 / A6 / A7	106 076	
79	3 1/8			A2 / A6 / A7	106 079	
83	3 1/4			A2 / A6 / A7	106 083	
86	3 3/8			A2 / A6 / A7	106 086	
89	3 1/2			A2 / A6 / A7	106 089	
92	3 5/8		3	A2 / A6 / A7	106 092	
95	3 3/4			A2 / A6 / A7	106 095	
98	3 7/8			A2 / A6 / A7	106 098	
102	4			A2 / A6 / A7	106 102	
105			3 1/2	A2 / A6 / A7	106 105	
108	4 1/4			A2 / A6 / A7	106 108	
111	4 3/8			A2 / A6 / A7	106 111	
114	4 1/2		4	A2 / A6 / A7	106 114	
121	4 3/4			A2 / A6 / A7	106 121	
127	5			A2 / A6 / A7	106 127	
140	5 1/2			A2 / A6 / A7	106 140	
152	6			A2 / A6 / A7	106 152	
160	6 5/16			A2 / A6 / A7	106 160	
168	6 5/8			A2 / A6 / A7	106 168	
177				A2 / A6 / A7	106 177	
210	8 9/32			A2 / A6 / A7	106 200	



Characteristics:

- High rotational precision
- Sturdy construction
- Hole saw and shank in two parts, so hole saws of different diameters can be exchanged and fitted more rapidly
- A1, A2, A5, A6 arbor with hexagonal shank and A7 arbor with SDS-plus shank
- A4 arbor with cylindrical shank
- Positive chipping and cutting angles ensure more aggressive cutting
- Varied toothing ensures:
  - smoother cutting
  - less effort
  - less vibration and heat production during cutting
  - up to three times longer tool life
- The HSS teeth are welded onto a jacket of special steel
- Good chip removal
- Slots in the jacket side assist removal of cutouts
- Exchangeable centring drill
- Unsuitable for percussion-drill operation
- Only slight pressure required to start drilling
- Drill with light, steady pressure
- Avoid pendulum movements while drilling
- Observe table of drilling speeds
- Use prescribed cooling agents

RUKO HSS bi-metal hole saws can be used in hand and pillar drills. When employing pillar drills, use manual advance only.

Also suitable for other makes of drill.
Prices without arbor.