

Hole saws

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

Bi-metal hole saws HSS with varied toothing

On easily cut materials the varied toothing ensures that the cut is more even and requires less effort. The reduction in vibrations and heat development during cutting achieves up to three times the tool life. 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.

Bi-metal hole saws HSSE-Co 8 with fine toothing

The fine toothing is particularly suitable for cutting metals. It ensures smoother running and reduces the necessary effort. The reduction in heat development during cutting increases tool life, especially in the case of metals. Suitable for alloyed and non-alloyed steels (up to 1.000 N/mm² strength), high chromium alloyed steels such as stainless steel, steels resistant to rusts and acids, non-ferrous and light metals.

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
- Positive chipping and cutting angles ensure more aggressive cutting
- The teeth are welded onto a jacket of special steel
- Good chip removal
- Slots in the jacket side assist removal of cut outs
- Exchangeable centring drill

User instructions:

- 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

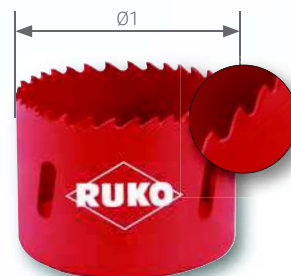


Best results are achieved in steel with a max. of 5.0 mm material thickness.





Jacket: special steel



Bi-metal hole saws HSS with varied toothing / HSSE-Co 8 with fine toothing

Packing unit: individual carton

Steel (N/mm2) < 900	<input type="checkbox"/>	<input type="checkbox"/>
Steel (N/mm2) < 1100	<input type="checkbox"/>	<input type="checkbox"/>
Steel (N/mm2) < 1300	<input type="checkbox"/>	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Brass	<input type="checkbox"/>	<input type="checkbox"/>
Bronze	<input type="checkbox"/>	<input type="checkbox"/>
Plastics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cast iron	<input type="checkbox"/>	<input type="checkbox"/>
Titanium alloyed	<input type="checkbox"/>	<input type="checkbox"/>

Ø mm	Ø inch	PG	Tube dimensions inch	For arbor holders			
14,0	9/16			A1 / A4 / A5	106 014	126 014	1
16,0	5/8	~ PG 9		A1 / A4 / A5	106 016	126 016	1
17,0				A1 / A4 / A5	106 017	126 017	1
19,0	3/4	~ PG 11	3/8	A1 / A4 / A5	106 019	126 019	1
20,0				A1 / A4 / A5	106 020	126 020	1
21,0		~ PG 13,5		A1 / A4 / A5	106 021	126 021	1
22,0	7/8		1/2	A1 / A4 / A5	106 022	126 022	1
24,0	15/16	~ PG 16		A1 / A4 / A5	106 024	126 024	1
25,0	1			A1 / A4 / A5	106 025	126 025	1
27,0	1 1/16			A1 / A4 / A5	106 027	126 027	1
28,0	1 3/32			A1 / A4 / A5	106 028	126 028	1
29,0	1 1/8	~ PG 21	3/4	A1 / A4 / A5	106 029	126 029	1
30,0	1 3/16			A1 / A4 / A5	106 030	126 030	1
32,0	1 1/4			A2 / A6 / A7	106 032	126 032	1
33,0				A2 / A6 / A7	106 033	126 033	1
35,0	1 3/8		1	A2 / A6 / A7	106 035	126 035	1
36,0				A2 / A6 / A7	106 036	126 036	1
37,0		PG 29		A2 / A6 / A7	106 037	126 037	1
38,0	1 1/2			A2 / A6 / A7	106 038	126 038	1
40,0				A2 / A6 / A7	106 040	126 040	1
41,0	1 5/8			A2 / A6 / A7	106 041	126 041	1
43,0	1 11/16			A2 / A6 / A7	106 043	126 043	1
44,0	1 3/4		1 1/4	A2 / A6 / A7	106 044	126 044	1
46,0	1 13/16			A2 / A6 / A7	106 046	126 046	1
48,0	1 7/8	~ PG 36		A2 / A6 / A7	106 048	126 048	1
50,0				A2 / A6 / A7	106 050	126 050	1
51,0	2		1 1/2	A2 / A6 / A7	106 051	126 051	1
52,0				A2 / A6 / A7	106 052	126 052	1
54,0	2 1/8	PG 42		A2 / A6 / A7	106 054	126 054	1
55,0				A2 / A6 / A7	106 055	126 055	1
57,0	2 1/4			A2 / A6 / A7	106 057	126 057	1
59,0				A2 / A6 / A7	106 059	126 059	1
60,0	2 3/8	~ PG 48		A2 / A6 / A7	106 060	126 060	1
63,0				A2 / A6 / A7	106 063	126 063	1
64,0	2 1/2		2	A2 / A6 / A7	106 064	126 064	1
65,0				A2 / A6 / A7	106 065	126 065	1
67,0	2 5/8			A2 / A6 / A7	106 067	126 067	1
68,0				A2 / A6 / A7	106 068	126 068	1
70,0	2 3/4			A2 / A6 / A7	106 070	126 070	1
73,0	2 7/8			A2 / A6 / A7	106 073	126 073	1
76,0	3		2 1/2	A2 / A6 / A7	106 076	126 076	1
79,0	3 1/8			A2 / A6 / A7	106 079	126 079	1
83,0	3 1/4			A2 / A6 / A7	106 083	126 083	1
86,0	3 3/8			A2 / A6 / A7	106 086	126 086	1
89,0	3 1/2			A2 / A6 / A7	106 089	126 089	1
92,0	3 5/8		3	A2 / A6 / A7	106 092	126 092	1
95,0	3 3/4			A2 / A6 / A7	106 095	126 095	1
98,0	3 7/8			A2 / A6 / A7	106 098	126 098	1
102,0	4			A2 / A6 / A7	106 102	126 102	1
105,0			3 1/2	A2 / A6 / A7	106 105	126 105	1
108,0	4 1/4			A2 / A6 / A7	106 108	126 108	1
111,0	4 3/8			A2 / A6 / A7	106 111	126 111	1
114,0	4 1/2		4	A2 / A6 / A7	106 114	126 114	1
121,0	4 3/4			A2 / A6 / A7	106 121	126 121	1
127,0	5			A2 / A6 / A7	106 127	126 127	1
133,0				A2 / A6 / A7	106 133	126 133	1
140,0	5 1/2			A2 / A6 / A7	106 140	126 140	1
152,0	6			A2 / A6 / A7	106 152	126 152	1
160,0	6 5/16			A2 / A6 / A7	106 160	126 160	1
168,0	6 5/8			A2 / A6 / A7	106 168	126 168	1
177,0				A2 / A6 / A7	106 177	126 177	1
210,0	8 1/4			A2 / A6 / A7	106 200	126 200	1

Main application

Other application

Arbor holders including pilot drill for bi-metal hole saws HSS and HSSE-Co 8

Packing unit: individual carton



Hole saws Ø mm	Arbor holders Type	Shank Ø mm	Shank shape	Thread	HSS	HSSE Co 5	
14,0 - 30,0	A1	11,0	⬡	1/2" x 20	106 201	126 201	1
32,0 - 210,0	A2	11,0	⬡	5/8" x 18	106 202	126 202	1
14,0 - 30,0	A4	6,0	○	1/2" x 20	106 204	126 204	1
14,0 - 30,0	A5	9,5	⬡	1/2" x 20	106 210	126 210	1
32,0 - 210,0	A6	9,5	⬡	5/8" x 18	106 209	126 209	1
32,0 - 210,0	A7	10,0	SDS-Plus	5/8" x 18	106 211	126 211	1

Accessories for bi-metal hole saws HSS and HSSE-Co 8

Packing unit: individual plastic pack



	Arbor holders type	HSS	HSSE Co 5	
Adapter to support HSS and HSSE-Co 8 bi-metal hole saws from Ø 32,0 to Ø 210,0 mm	A1 / A4 / A5	106 212	—	1
Pilot drill HSS / HSSE-Co 5, ground, Ø 6,35 x 102,0 mm and split point in accordance with DIN 1412 C	A4	106 207	126 207	1
Pilot drill HSS / HSSE-Co 5, ground, Ø 6,35 x 82,0 mm and split point in accordance with DIN 1412 C	A1 / A2 / A5 / A6 / A7	106 206	126 206	1
Extension 300,0 mm, shank shape ⬡ 11,0 mm	A1 / A2	106 205	—	1
Ejector spring	—	106 208	—	1