RUKO Hole Saws

Arbor Holders with Pilot Drill

To select the correct arbor size, find the arbors that are compatible with your hole saw diameter.
From those, choose one with a shank size that fits into your drill chuck.
Arbors include HSS pilot bit, ejector spring and 4 mm allen wrench.

Part Numbers 106202, 106209

RUKO Arbor Holders with Pilot Drill for HSS Hole Saws

Part # High Speed Steel	Price	Hole Saws Diameter (inch)	Arbor Holders Type	Shank Diameter (inch) A	Shank Shape	Thread
106201		9/16 - 1-3/16	A1	7/16	Hex	5/8-18 UNF
106202		1-1/4 - 8-1/4	A2	7/16	Hex	1/2-20 UNF
106209		1-1/4 - 8-1/4	A6	3/8	Hex	5/8-18 UNF
106210		9/16 - 1-3/16	A5	3/8	Hex	1/2-20 UNF

Pilot drill: 6.35 mm (1/4") x 82 mm (3-1/4")

Part Numbers 106201, 106210

Pilot drill: 6.35 mm (1/4") x 82 mm (3-1/4")

Pilot Drills

RUKO Pilot Drill for HSS and HSS Co8 Hole Saws

Part # High Speed Steel	Price	Part # High Speed Steel Cobalt 8	Price	Arbor Holders Type	Description
106206		126206		A1, A2, A5, A6	Pilot drill HSS / HSS Co 5, ground, Ø 6.35 mm x 82 mm and split point in accordance with DIN 1412 C

RUKO Tools – Hole Saw Kits

Bi-Metal hole saw kits include either high speed steel or Colbalt 8 hole saws of various sizes in a plastic case.

106304

RUKO Bi-Metal Hole Saw Kits

Part # HSS Varied Tooth	Price	Part # HSS-Co8 Fine Tooth	Price	Type	Hole Saw Diameters Included inches (mm)	Arbors Included	Pcs / Pkg
106302		126302		Electricians	7/8, 1-1/8, 1-3/8, 1-3/4, 2, 2-11/16 (22.0, 29.0, 35.0, 44.0, 51.0, 68.0)	A2, A4	8

Hole Saws

Bi-Metal Hole Saws • Applications

Use High Speed Steel saws with varied cutting teeth for easily cut materials, such as unalloyed steel (up to 101,521 psi strength), non-ferrous and light metals, plastics, plasterboard and light building boards, fiberboard, plywood and wood.

Use High Speed Steel Cobalt 8 saws with fine cutting teeth for cutting metals such as alloyed and non-alloyed steels (up to 145,037 psi strength), high chromium alloyed steels, such as stainless steel, steels resistant to rusts and acids, non-ferrous and light metals.

Features

- Cutting edges of HSS or HSS Co 8
- Alloyed steel 6135 jacket
- Cutting depth up to 1-1/2" (38 mm)
- High rotational precision
- Sturdy construction
- Hole saw and shank in two parts, so hole saws of different diameters can be exchanged and fitted faster
- Positive chipping and cutting angles ensure more aggressive cutting
- Teeth welded onto steel jacket
- HSS hole saws have 5 teeth per inch, Co 8 hole saws have 6 teeth per inch
- Good chip removal
- Slots in the jacket side aid in removal of cutouts
- Exchangeable centering drill
- Right-hand cutting
- Arbors are sold separately

RUKO Hole Saws Selection Guide

Part # High Speed Steel Cobalt 8	Price	Diameter (mm) A	Diameter (inch) A	Conduit Size	Pipe Size (inch)	Arbor Holders
126022		22	7/8	1/2	1/2	A1 / A5
126121		121	4-3/4	–	–	A2 / A6

Dimensions

Important Operating Notes

- These saws are unsuitable for hammer drill operation
- Only slight pressure required to start drilling
- Drill with light, steady pressure
- Avoid pendulum movements while drilling
- Follow table of cutting speeds
- Use cooling agents recommended for material
- Arbors are sold separately

Note: For pushbuttons, use RUKO knockout punches listed in previous pages.

RUKO Hole Saws

RUKO Hole Saws Recommended Cutting Speeds

Material		High carbon structural steel up to 101,521 psi	Alloyed steel up to 145,037 psi	Cast iron over 36,259 psi	CuZn alloy	Aluminium alloy up to 11% Silicon	Thermo-plastics	Duro-plastics	Wood
Vc = m/min		30	20	10	35	30	20	15	40
Coolant		Cutting spray	Cutting spray	Compressed air	Compressed air	Cutting spray	Water	Compressed air	Compressed air
Ø inch	Ø mm	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.	r.p.m.
9/16	14	682	455	227	796	682	455	341	910
5/8	16	597	398	199	697	597	398	299	796
11/16	17	562	375	187	656	562	375	281	749
3/4	19	503	335	168	587	503	335	251	670
25/32	20	477	318	159	557	477	318	239	637
13/16	21	455	303	152	531	455	303	227	607
7/8	22	434	290	145	507	434	290	217	579
15/16	24	398	265	133	464	398	265	199	531
1	25	382	255	127	446	382	255	191	510
1-1/16	27	354	236	118	413	354	236	177	472
1-1/8	29	329	220	110	384	329	220	165	439
1-3/16	30	318	212	106	372	318	212	159	425
1-1/4	32	299	199	100	348	299	199	149	398
1-5/16	33	290	193	97	338	290	193	145	386
1-3/8	35	273	182	91	318	273	182	136	364
1-13/32	36	265	177	88	310	265	177	133	354
1-7/16	37	258	172	86	301	258	172	129	344
1-1/2	38	251	168	84	293	251	168	126	335
1-9/16	40	239	159	80	279	239	159	119	318
1-5/8	41	233	155	78	272	233	155	117	311
1-11/16	43	222	148	74	259	222	148	111	296
1-3/4	44	217	145	72	253	217	145	109	290
1-13/16	46	208	138	69	242	208	138	104	277
1-7/8	48	199	133	66	232	199	133	100	265
2	51	187	125	62	219	187	125	94	250
2-1/16	52	184	122	61	214	184	122	92	245
2-1/8	54	177	118	59	206	177	118	88	236
2-11/64	55	174	116	58	203	174	116	87	231
2-1/4	57	168	112	56	196	168	112	84	223
2-5/16	59	162	108	54	189	162	108	81	216
2-3/8	60	159	106	53	186	159	106	80	212
2-15/32	63	152	101	51	177	152	101	76	202
2-1/2	64	149	100	50	174	149	100	75	199
2-9/16	65	147	98	49	171	147	98	73	196
2-5/8	67	143	95	48	166	143	95	71	190
2-11/16	68	141	94	47	164	141	94	70	187
2-3/4	70	136	91	45	159	136	91	68	182
2-7/8	73	131	87	44	153	131	87	65	175
3	76	126	84	42	147	126	84	63	168
3-1/8	79	121	81	40	141	121	81	60	161
3-1/4	83	115	77	38	134	115	77	58	153
3-3/8	86	111	74	37	130	111	74	56	148
3-1/2	89	107	72	36	125	107	72	54	143