

Holesaw



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Bosch holesaws: always the right specialist.

Innovative, efficient and unique: the Bosch Holesaws with Power-Change adapter technology. This new adapter saves you time because you no longer have to screw the accessory on and off. The holesaw and pilot drill bit can be attached and released quickly and safely. A high level of work safety and efficiency are therefore guaranteed. The extensive range offers the appropriate holesaw for every application: for clean and accurate holes in all materials. The outstanding quality of the holesaws ensures a long lifetime. The holesaws with Power-Change adapter technology are a further expression of Bosch's power of innovation and development – for satisfied professionals and optimum work results.



PROGRESSOR  **Wood & Metal**

Very versatile! Ideal for drilling in metal, wood, plastic and board materials.



special  **Sheet Metal**

Ideal for working on sheet metal.



MultiConstruction

Ideal for interior decorating and renovation.



diamond  **Hard Ceramics**

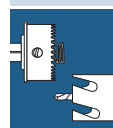
The solution for hard tiles.

The range:

the right holesaw for any application.

The strength of specialist retail outlets is competent customer assistance. This is why Bosch offers a professional range of holesaws that are ideal for any application. The product names, application-oriented sub-brands and the different product colours help the customer to quickly and accurately find the right holesaw for the respective material.

Application ranges especially suitable ● suitable ○	Progressor with Power-Change adapter	Sheet Metal with Power-Change adapter	Multi Construction with Power-Change adapter	Diamond holesaw	HSS Bi-metal	Hole cutters	Application tips
							
Acrylic glass	○		●		○	●	Use coolant
Aluminium, alloyed	●				●		Use cutting oil
Aluminium, non-alloyed	●				●		Use cutting oil
Cement-bonded chip-board			●				
Cement-bonded fibre boards			●				
Chipboard, raw, veneered, laminated	○		●		○	●	
Fibre-reinforced composites	○		●		○	○	
Floor tiles, porcelain, fine stoneware				●			
Inox	●	●			○		Low speed, use cutting oil
Laminate	○		●		○	●	
Lightweight concrete			●				
Masonry (soft, medium)			●				
Natural wood, hardwood	○		●		○	●	
Non-ferrous metals	●				●		Use cutting oil
Plasterboard and plaster blocks	○		●		○		
Plastics	○		●		○	●	
Plywood, wood core plywood	○		●		○	●	
Roofing tiles			●				Not concrete roofing tiles
Sandwich materials	○		●		○	○	
Solid brick			●				
Steel, cast iron	●				●		Use cutting oil (except for cast iron)
Thin metal plates (stainless steel, steel, aluminium, copper, brass, etc.)	○	●			○		Use cutting oil
Vertically perforated brick			●				Reduce the contact pressure
Wall tiles			●	●			Up to hardness rating 6, low speed



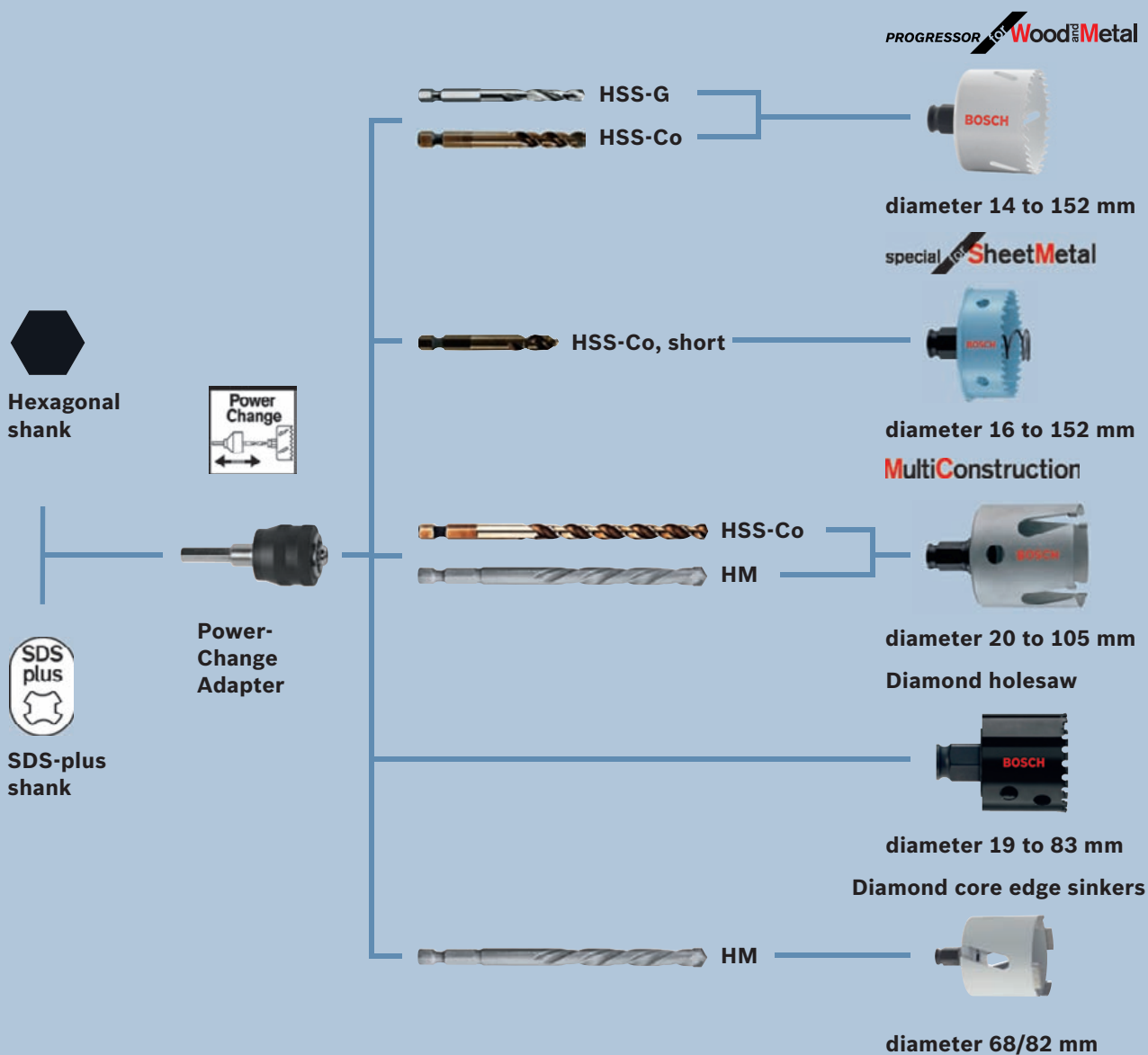
The Power-Change adapter technology:

simply click into place.



All it takes is a click! Thanks to the new Power Change adapter technology, you no longer have to screw the accessory on and off. With the innovative adapter system, the holesaw and pilot drill bit can be attached and released quickly and easily. Even the safety screw for the pilot drill bit is now a thing of the past.

The adapter is as unique as the tool itself: Now all you need is one adapter for all conventional drills and holesaw diameters.



For hard tiles –

Drilling with system.

Bosch now offers a professional drilling system especially for hard tiles:

► **Efficient water cooling system**

The large-volume pressurised bottle holds sufficient water for drilling several holes.

► **Practical self-adhesive centering aids**

► **Diamond for Hard Ceramics drill bits**

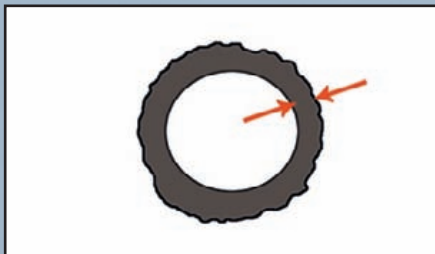
A powerful diamond drill bit range with all commercially-available diameters from 5 to 14 mm.

► **Diamond for Hard Ceramics holesaws**

The new holesaw specialist for hard tiles. With the tried and tested Power-Change adapter technology for tool-free changing of the holesaws. For holes from 19 to 83 mm.

Bosch diamond drill bits/holesaws: fast and clean due to extra-thin cutting edges.

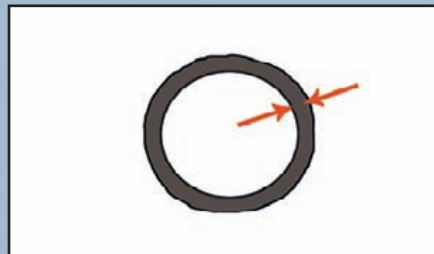
Standard



Cutting edge of diamond drill bit/holesaw

High resistance when drilling due to thick cutting edges. This results in slow work progress.

Bosch



Cutting edge of diamond drill bit/holesaw

Particularly fast, clean holes due to extra-thin cutting edges for less resistance.

Diamond drill bits and holesaws

for all drilling applications.

- ▶ Ideal for fast drilling of precise holes with clean cut edges in all hard tiles.
- ▶ Diamond drill bits and diamond holesaws with long service life thanks to high-quality diamonds and efficient water cooling.
- ▶ Constantly high water pressure. For working up to 1.5 metres above the pressurised bottle.
- ▶ Centering aids for drill bits and holesaws guarantee exact positioning of drilled holes. What's more, the self-adhesive centering aids enable damage-free working on the tiles.



Speed recommendation for HSS Bi-metal and Sheet Metal holesaws.

Diameter in mm	Stainless steel, rpm	Steel, rpm	Aluminium, rpm	Wood, PVC, rpm
14	300	550	900	3000
16	275	530	825	3000
17	250	500	750	3000
19	230	460	690	3000
20	220	440	675	3000
21	210	425	660	3000
22	195	390	580	3000
24	185	370	555	2700
25	175	350	525	2700
27	160	325	480	2700
29	150	300	450	2700
30	145	285	425	2400
32	140	275	410	2400
33	135	260	390	2400
35	125	250	375	2400
37	120	240	360	2400
38	115	230	345	2400
40	110	220	330	2100

Diameter in mm	Stainless steel, rpm	Steel, rpm	Aluminium, rpm	Wood, PVC, rpm
41	105	210	315	2100
43	100	205	305	2100
44	95	195	295	2100
46	95	190	285	2100
48	90	180	270	2100
51	85	170	255	2000
52	80	165	240	2000
54	80	160	240	2000
56	80	155	240	2000
57	75	150	225	2000
59	75	145	225	2000
60	70	140	220	2000
64	65	135	205	1850
65	65	130	200	1850
67	65	130	195	1800
68	65	130	190	1800
70	60	125	185	1800
73	60	120	180	1800

Diameter in mm	Stainless steel, rpm	Steel, rpm	Aluminium, rpm	Wood, PVC, rpm
76	55	115	170	1800
79	55	110	165	1500
83	50	105	155	1500
86	50	100	150	1500
89	45	95	145	1200
92	45	90	140	1200
95	45	90	135	1200
98	45	90	135	1200
102	40	85	130	1000
105	40	80	120	1000
108	40	80	120	900
111	40	80	120	900
114	35	75	105	900
121	35	75	95	900
127	30	65	90	800
140	25	60	85	800
152	25	55	75	800

Speed recommendation for Multi Construction holesaws.

Diameter in mm	Wooden boards and chipboards, rpm	Plastic, rpm	Masonry, rpm	Tiles, rpm
20 – 35	1000	800	800	500
40 – 50	800	600	700	400
58 – 74	600	400	600	400
80 – 105	400	300	300	300

Speed recommendation for diamond holesaws.

Diameter in mm	Diameter in inches	Speed recommendation in rpm
19	3/4	800-1200
20	25/32	800-1200
22	7/8	800-1200
25	1	800-1200
29	1 1/8	500-900
32	1 1/4	500-900
35	1 3/8	500-900
38	1 1/2	500-900
41	1 5/8	500-900
44	1 3/4	500-900
51	2	400-800

Diameter in mm	Diameter in inches	Speed recommendation in rpm
54	2 1/8	400-800
57	2 1/4	400-800
60	2 3/8	200-600
64	2 1/2	200-600
65	2 9/16	200-600
67	2 5/8	200-600
68	2 11/16	200-600
70	2 3/4	200-600
76	3	200-600
79	3 1/8	150-500
83	3 1/4	150-500