



12 Piece Plumbers/Electricians Holesaw Kit

Stock No.56385

Part No.HS/12

INSTRUCTIONS





08/2013



1. DRAPER HOLESAWS

DO	DO NOT
Ensure operation at correct speed (see table over).	Run at faster speed. Reduces efficiency and wears out sooner.
Apply sufficient pressure when cutting.	Allow teeth to rub on metal without exerting pressure. Rubbing will dull cutting edge.
Set pilot drill 3mm proud of saw teeth or drill pilot hole first with HSS 6.35mm (1/4") drill.	Set drill any longer than the thickness of workpiece to prevent damage to saw teeth and drill on breakthrough.
Use a top grade lubricant suitable for the material being worked.	Operate without a lubricant (except on cast iron) as this will generate excess heat and damage the blade.
Ensure correct fitting in drill chuck and fully tighten.	Operate offset or loose in chuck.
Ensure horizontal and perpendicular to workpiece.	Try to operate at an angle, as blade can distort or break.
If possible, use holesaw in bench drill or lathe for accuracy and safety.	Allow drilling machine to wobble or stray during sawing.
Ensure correct arbor is securely fitted to blade before use. Drive pins where applicable must be fully engaged within the blade holes.	Saw with the blade loose as this can cause damage to both blade and arbor and possibly cause injury.
Wear safety goggles and keep hands away from rotating parts.	Let loose hair or clothing get anywhere near the revolving parts.

FAILURE TO OBSERVE THESE POINTS COULD RESULT IN TOOL FAILURE AND/OR INJURY AND COULD NEGATE YOUR RIGHTS.

2. HOLESAW ARBORS

Stock No.	Part No.				
56401 ◆	HSA	14-30mm (⁹ / ₁₆ -1 ³ / ₁₆ "	1/2"-20UNF	6.35mm (1/4")●	6.35mm (1/4")
52982 ■	HSA 1	41-30mm (⁹ / ₁₆ -1 ³ / ₁₆ "	1/2"-20UNF	8mm (⁵ / ₁₆ ")●	8mm (⁵ / ₁₆ ")
52983 ▲ ■	HSA 2	32-152mm (⁹ / ₁₆ -6"	5/8"-18UNF	11mm (⁷ / ₁₆ ")●	11mm (⁷ / ₁₆ ")
56387 ◆	HSA 3	14-30mm (⁹ / ₁₆ -1 ³ / ₁₆ "	1/2"-20UNF	11mm (⁷ / ₁₆ ")●	11mm (⁷ / ₁₆ ")
56402 ◆ ●	HSA 4	32-152mm (⁹ / ₁₆ -6"	5/8"-18UNF	11mm (⁷ / ₁₆ ")●	11mm (⁷ / ₁₆ ")
52984 ■	HSA/SDS+	14-30mm (⁹ / ₁₆ -1 ³ / ₁₆ "	1/2"-20UNF	SDS+ ✖	SDS+
52992 ● ■	HSA/SDS+	32-152mm (⁹ / ₁₆ -6"	5/8"-18UNF	SDS+ ✖	SDS+
52997	HS-A/EXT	300mm (12" long, fits HSA2, HSA3, HSA4.			
56388	HS/ADAP	Adaptor fits arbors HSA, HSA1, HSA3, HSA/SDS+			

▲ Features a quick release and lock nut mechanism. ◆ Pilot drill - 102mm Stock No.53055  ■ Pilot drill - 81mm Stock No.53056 

● Features a quick release mechanism.

3. RECOMMENDED (R/MIN)

Size inches	Size mm	Mild steel	Tool & Stainless Steel	Cast iron	Brass	Aluminium
⁵ / ₈	16	530	275	365	730	825
¹¹ / ₁₆	17	500	250	330	665	750
³ / ₄	19	460	230	300	600	690
²⁵ / ₃₂	20	460	230	300	600	690
⁷ / ₈	22	390	195	260	520	585
1	25	350	175	235	470	525
¹ / ₈	29	300	150	200	400	450
¹ / ₄	32	275	140	180	360	410
¹³ / ₈	35	250	125	165	330	375
¹ / ₂	38	230	115	150	300	345
¹⁵ / ₈	41	210	105	140	280	315
¹¹ / ₁₆	43	205	100	135	270	305
¹³ / ₄	44	195	95	130	260	295
¹⁷ / ₈	48	180	90	120	240	270
2	51	170	85	115	230	255
² / ₈	54	160	80	105	210	240
² / ₄	57	150	75	100	200	230
²³ / ₈	60	140	70	95	190	220
² / ₂	64	135	70	90	180	205
²⁵ / ₈	67	130	65	85	170	195
² / ₄	70	125	60	80	160	185
3	76	115	55	75	150	170
³ / ₂	89	95	45	65	125	145
³⁵ / ₈	92	95	45	60	120	140
³ / ₄	95	90	45	60	120	135
4	102	85	40	55	115	125
⁴ / ₈	105	85	40	55	110	120
⁴ / ₂	114	75	35	50	100	105