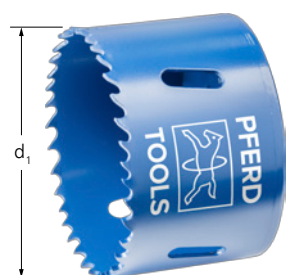


HSS hole saws, sets and accessories

HSS hole saws



HSS hole saws

Hole saws made of tough, shatter-proof, sturdy HSS bimetal for cost-effectively cutting out holes. The saw teeth are made of high-quality M42 (Co8) material.



Special features:

- High concentricity, and chattering during sawing is prevented by the alternating tooth pitch.
- Good chip removal.
- The hole saw is conveniently centred and guided via the replaceable HSS pilot drill.

d ₁ [mm]	Max. cutting depth [mm]	Opt. RPM steel	Opt. RPM stainless steel (INOX)	Opt. RPM non-ferrous metals	Opt. RPM plastics		Item no.	Designation
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Thread version 1/2-20 UNF, suitable arbors LSS 1, LSS 4 or quick-mounting system PSL

14	34	620	310	1,000	1,000	1	25100114	LS 14
16	34	550	275	880	880	1	25100116	LS 16
17	36	520	260	820	820	1	25100117	LS 17
19	36	460	230	740	740	1	25100119	LS 19
20	36	425	210	700	700	1	25100220	LS 20
21	36	410	205	670	670	1	25100221	LS 21
22	36	390	195	640	640	1	25100322	LS 22
24	36	360	180	580	580	1	25100424	LS 24
25	36	350	175	560	560	1	25100425	LS 25
27	36	325	160	520	520	1	25100527	LS 27
29	36	300	150	480	480	1	25100629	LS 29
30	36	285	145	470	470	1	25100730	LS 30

Thread version 5/8-18 UNF, suitable arbor LSS 2 or quick-mounting system PSL

32	36	275	140	440	440	1	25100832	LS 32
33	36	260	135	420	420	1	25100933	LS 33
35	36	250	125	400	400	1	25101035	LS 35
37	36	235	115	370	370	1	25101137	LS 37
38	36	230	115	370	370	1	25101138	LS 38
40	36	215	110	350	350	1	25101240	LS 40
41	36	210	105	340	340	1	25101241	LS 41
43	31	200	100	330	330	1	25101343	LS 43
44	31	195	95	320	320	1	25101344	LS 44
46	31	185	90	300	300	1	25101346	LS 46
48	31	180	90	290	290	1	25101448	LS 48
51	31	170	85	270	270	1	25101551	LS 51
52	31	165	80	270	270	1	25101552	LS 52
54	31	160	80	260	260	1	25101654	LS 54
57	31	150	75	250	250	1	25101757	LS 57
59	31	145	70	240	240	1	25101859	LS 59
60	31	140	70	230	230	1	25101860	LS 60
64	31	135	65	220	220	1	25101963	LS 64
65	31	135	65	220	220	1	25101965	LS 65
67	31	130	65	210	210	1	25102067	LS 67
68	31	130	65	210	210	1	25102068	LS 68
70	31	125	60	200	200	1	25102170	LS 70
73	31	120	60	190	190	1	25102273	LS 73
76	31	115	55	180	180	1	25102376	LS 76

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HSS hole saws, sets and accessories

HSS hole saws



d, [mm]	Max. cutting depth [mm]	Opt. RPM steel	Opt. RPM stainless steel (INOX)	Opt. RPM non-ferrous metals	Opt. RPM plastics		Item no.	Designation
79	31	110	55	180	180	1	25102479	LS 79
83	31	105	50	170	170	1	25102583	LS 83
86	31	100	50	160	160	1	25102586	LS 86
89	31	95	45	160	160	1	25102689	LS 89
92	31	95	45	150	150	1	25102792	LS 92
95	31	90	45	150	150	1	25102895	LS 95
98	31	90	45	140	140	1	25102898	LS 98
102	31	85	40	140	140	1	25102912	LS 102
105	31	80	40	130	130	1	25103015	LS 105
111	31	75	35	130	130	1	25103111	LS 111
114	31	75	35	120	120	1	25103114	LS 114
121	31	70	35	120	120	1	25103221	LS 121
127	31	65	30	110	110	1	25103227	LS 127
140	31	60	30	100	100	1	25103440	LS 140
152	31	55	25	90	90	1	25103552	LS 152
160	31	52	23	85	85	1	25103010	LS 160
168	31	50	23	82	82	1	25103011	LS 168
177	31	47	22	77	77	1	25103012	LS 177
210	31	40	18	65	65	1	25103013	LS 210

HSS hole saw sets



Set for tradespeople

The set contains five HSS hole saws in the most common diameters, including accessories, for use in professional trades. Operating instructions are included.

Contents:

The set consists of five HSS hole saws LS 22, LS 25, LS 29, LS 32 and LS 38, a hole saw arbor LSS 4, an LSA adapter for hole saw arbor LSS 4, an Allen key 4 mm and an ejection spring.

Special features:

- It is possible to use hole saws LS 32 and LS 38 with the LSA adapter and washer.
- Supplied in well-arranged plastic box which protects against dirt and damage.

L [mm]	B [mm]	H [mm]		Item no.	Designation
200	170	50	1	25900700	SET LS-SO 7 H 8TLG



Set for fitters

The set contains six HSS hole saws in the most common diameters, including accessories, for plumbers and sanitary engineers. Operating instructions are included.

Contents:

The set consists of six HSS hole saws: LS 19, LS 22, LS 29, LS 38, LS 44 and LS 57, two hole saw arbors: LSS 2 and LSS 4, an LSA adapter for hole saw arbor LSS 4, an Allen key 4 mm and an ejection spring.

Special features:

- It is possible to use hole saw LS 38 with the LSA adapter and washer.
- Supplied in well-arranged plastic box which protects against dirt and damage.

L [mm]	B [mm]	H [mm]		Item no.	Designation
310	260	80	1	25900920	SET LS-SO 9 I 10 TLG

HSS hole saws, sets and accessories

HSS hole saw sets



2



Set for electricians (international standard sizes)

The set contains six HSS hole saws in the most common international diameters, including accessories, for electricians. Operating instructions are included.

Contents:

The set consists of six HSS hole saws: LS 22, LS 29, LS 35, LS 44, LS 51 and LS 64, two hole saw arbors: LSS 2 and LSS 4, an LSA adapter for hole saw arbor LSS 4, an Allen key 4 mm and an ejection spring.

Special features:

- It is possible to use hole saw LS 35 with the LSA adapter and washer.
- Supplied in well-arranged plastic box which protects against dirt and damage.

L [mm]	B [mm]	H [mm]		Item no.	Designation
310	260	80	1	25900910	SET LS-SO 9E-1 10TLG



Set for electricians (German standard sizes)

The set contains nine HSS hole saws in the most common diameters, including accessories, for electricians in Germany. Operating instructions are included.

Contents:

The set consists of nine HSS hole saws: LS 19, LS 22, LS 25, LS 32, LS 38, LS 44, LS 51, LS 60 and LS 68, two hole saw arbors: LSS 2 and LSS 4, an LSA adapter for hole saw arbor LSS 4, a pilot drill LSB 6/90, an Allen key 4 mm and an ejection spring.

Special features:

- It is possible to use hole saws LS 32 and LS 38 with the LSA adapter and washer.
- Supplied in well-arranged plastic box which protects against dirt and damage.

L [mm]	B [mm]	H [mm]		Item no.	Designation
310	260	80	1	25900010	SET LS-SO 13 E-2 14TLG



Set for mechanics

The set contains nine HSS hole saws in the most common diameters, including accessories, for mechanics in the construction, container and pipeline industries. Operating instructions are included.

Contents:

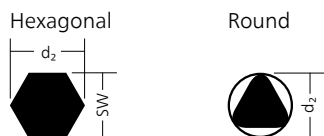
The set consists of nine HSS hole saws: LS 19, LS 22, LS 29, LS 35, LS 38, LS 44, LS 51, LS 57 and LS 64, two hole saw arbors: LSS 2 and LSS 4, a pilot drill LSB 6/90, an LSA adapter for hole saw arbor LSS 4, an Allen key 4 mm and an ejection spring.

Special features:

- It is possible to use hole saws LS 35 and LS 38 with the LSA adapter and washer.
- Supplied in well-arranged plastic box which protects against dirt and damage.

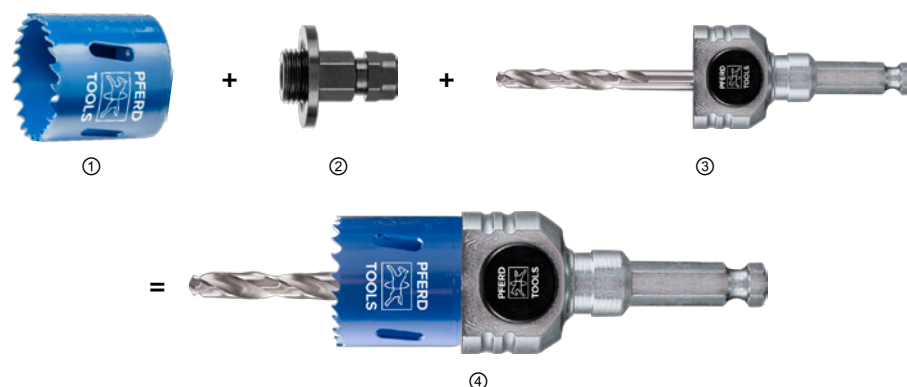
L [mm]	B [mm]	H [mm]		Item no.	Designation
310	260	80	1	25901300	SET LS-SO 13 M 14TLG

Shank dimensions [mm]



Example combination

- ① HSS hole saw
- ② Adapter
- ③ Quick-mounting system
- ④ HSS hole saw with adapter and quick-mounting system



Hole saw arbors LSS

Hole saw arbors are designed for mounting the hole saw and the pilot drill. The hole saw arbors are supplied with an HSS pilot drill and an ejection spring.

Special features:

- The spring can easily be removed manually without the help of tools.

Image	Suitable for hole saws	Suitable pilot drill	d ₂ [mm]	Size [mm]	Shank type	Thread		Item no.	Designation
①	LS 14-30	LSB 6/60	10.5	9.53	hexagonal	1/2-20 UNF	1	25200111	LSS 1
②	LS 32-210	LSB 6/60	10.5	9.53	hexagonal	5/8-18 UNF	1	25200211	LSS 2
③	LS 14-30	LSB 6/90	6.35	-	round	1/2-20 UNF	1	25200407	LSS 4



Quick-mounting system for hole saws

The quick-mounting system is part of a clamping system for the quick and easy use of HSS hole saws. In conjunction with adapters, it is possible to use the HSS hole saws easily and conveniently on all conventional power drills.

Special features:

- After the application is completed, the hole saw and quick-mounting system can be separated without the use of additional tools by simply pressing a button.

- Interchangeable HSS pilot drill.

Suitable for hole saws	Shank type	d ₂ [mm]	Size [mm]		Item no.	Designation
LS 14-210	hexagonal	9.3	8.5	1	25200901	PSL 8,5
		12.2	11	1	25200900	PSL 11



Adapter for hole saws

Adapters tailored to the hole saw diameters.



Image	Suitable for hole saws		Item no.	Designation
①	LS 14-30	3	25200910	AD-PSL 14-30
②	LS 32-210	3	25200920	AD-PSL 32-210



HEAVY DUTY adapter for hole saws

Due to the high torque levels involved, when using large hole saws, PFERD TOOLS recommends the use of the PSL quick-mounting systems in conjunction with the HEAVY DUTY adapter.

Suitable for hole saws		Item no.	Designation
LS 102-210	3	25200921	AD-PSL 102-210 HEAVY DUTY



HSS pilot drill LSB

HSS pilot drills for HSS hole saw arbors and quick-mounting systems for hole saws.



Image	Suitable for hole saws	Suitable shanks	Suitable for quick-mounting system	d ₂ [mm]	l ₁ [mm]	Shank type		Item no.	Designation
①	LS 14-210	LSS 1, LSS 2	-	6.35	60	round	1	25202005	LSB 6/60
②	LS 14-210	LSS 4	PSL 8,5, PSL 11	6.35	90	round	1	25202007	LSB 6/90



Repair set for hole saw arbors

With the repair set for hole saw arbors, the most common parts can be replaced in case of loss or damage.

Contents:

The repair set consists of two ejection springs, two hexagon socket head screws and an SW 4 hexagon socket wrench.

	Item no.	Designation
1	25200515	RSL-5



LSA adapter

Hole saws LS 32 to LS 38 can be used with the LSA adapter, a washer and the hole saw arbors LSS 1 and LSS 4.

Suitable for hole saws	Suitable shanks		Item no.	Designation
LS 32-38	LSS 1, LSS 4	1	25203001	LSA