

Drill Bodies

Dia. Fraction	Dia. Decimal	Shank Dia.	Overall Length	EDP# H851
1.5xD*				
15/32	0.4688	5/8"	88.50mm	7833294
31/64	0.4844	5/8"	88.50mm	7833294
1/2	0.5000	5/8"	88.80mm	7833295
33/64	0.5156	5/8"	93.90mm	7833296
17/32	0.5313	5/8"	93.90mm	7833296
35/64	0.5469	3/4"	93.90mm	7833331
9/16	0.5625	3/4"	93.90mm	7833331
37/64	0.5781	3/4"	97.30mm	7833332
19/32	0.5938	3/4"	97.30mm	7833332
39/64	0.6094	3/4"	97.30mm	7833332
5/8	0.6250	3/4"	99.90mm	7833333
41/64	0.6406	3/4"	99.90mm	7833333
21/32	0.6563	3/4"	101.40mm	7833334
43/64	0.6719	3/4"	101.40mm	7833334
11/16	0.6875	3/4"	101.40mm	7833334
45/64	0.7031	3/4"	104mm	7833335
23/32	0.7188	3/4"	104mm	7833335
47/64	0.7344	1"	111.40mm	7833345
3/4	0.7500	1"	111.40mm	7833345
49/64	0.7656	1"	111.40mm	7833345
25/32	0.7813	1"	114mm	7833346
51/64	0.7969	1"	114mm	7833346
13/16	0.8125	1"	115.50mm	7833347
53/64	0.8281	1"	115.50mm	7833347
27/32	0.8438	1"	115.50mm	7833347
55/64	0.8594	1"	117.10mm	7833348
7/8	0.8750	1"	117.10mm	7833348
57/64	0.8906	1"	117.10mm	7833348
29/32	0.9063	1"	118mm	7833349
59/64	0.9219	1"	118mm	7833349
15/16	0.9375	1"	124.30mm	7833350
61/64	0.9531	1"	124.30mm	7833350
31/32	0.9688	1"	124.30mm	7833350
63/64	0.9844	1.1/4"	124.70mm	7833351
1"	1.0000	1.1/4"	124.70mm	7833351
1.1/64	1.0156	1.1/4"	124.70mm	7833351
1.1/32	1.0313	1.1/4"	127.30mm	7833352
1.3/64	1.0469	1.1/4"	127.30mm	7833352
1.1/16	1.0625	1.1/4"	127.80mm	7833353
1.5/64	1.0781	1.1/4"	127.80mm	7833353
1.3/32	1.0938	1.1/4"	127.80mm	7833353
1.7/64	1.1094	1.1/4"	129.40mm	7833354
1.1/8	1.1250	1.1/4"	129.40mm	7833354
1.9/64	1.1406	1.1/4"	130.80mm	7833355
1.5/32	1.1563	1.1/4"	130.80mm	7833355
1.11/64	1.1719	1.1/4"	130.80mm	7833355
1.3/16	1.1875	1.1/4"	133.40mm	7833356

Dia. Fraction	Dia. Decimal	Shank Dia.	Overall Length	EDP# H853
3xD				
15/32	0.4688	5/8"	105.0mm	0033043
31/64	0.4844	5/8"	105.0mm	0033043
1/2	0.5000	5/8"	105.0mm	0033050
33/64	0.5156	5/8"	110.0mm	0033067
17/32	0.5313	5/8"	110.0mm	0033067
35/64	0.5469	3/4"	116.5mm	0033074
9/16	0.5625	3/4"	116.5mm	0033074
37/64	0.5781	3/4"	126.5mm	0033081
19/32	0.5938	3/4"	126.5mm	0033081
39/64	0.6094	3/4"	126.5mm	0033081
5/8	0.6250	3/4"	131.5mm	0033098
41/64	0.6406	3/4"	131.5mm	0033098
21/32	0.6563	3/4"	136.5mm	0033104
43/64	0.6719	3/4"	136.5mm	0033104
11/16	0.6875	3/4"	136.5mm	0033104
45/64	0.7031	3/4"	141.5mm	0033111
23/32	0.7188	3/4"	141.5mm	0033111
47/64	0.7344	1"	156.5mm	0033128
3/4	0.7500	1"	156.5mm	0033128
49/64	0.7656	1"	156.5mm	0033128
25/32	0.7813	1"	156.5mm	0033135
51/64	0.7969	1"	156.5mm	0033135
13/16	0.8125	1"	156.5mm	0033142
53/64	0.8281	1"	156.5mm	0033142
27/32	0.8438	1"	156.5mm	0033142
55/64	0.8594	1"	161.5mm	0033159
7/8	0.8750	1"	161.5mm	0033159
57/64	0.8906	1"	161.5mm	0033159
29/32	0.9063	1"	160.5mm	0033166
59/64	0.9219	1"	160.5mm	0033166
15/16	0.9375	1"	170.2mm	0033173
61/64	0.9531	1"	170.2mm	0033173
31/32	0.9688	1"	170.2mm	0033173
63/64	0.9844	1.1/4"	170.0mm	0033180
1"	1.0000	1.1/4"	170.0mm	0033180
1.1/64	1.0156	1.1/4"	170.0mm	0033180
1.1/32	1.0313	1.1/4"	175.0mm	0033197
1.3/64	1.0469	1.1/4"	175.0mm	0033197
1.1/16	1.0625	1.1/4"	175.0mm	0033210
1.5/64	1.0781	1.1/4"	175.0mm	0033210
1.3/32	1.0938	1.1/4"	175.0mm	0033210
1.7/64	1.1094	1.1/4"	180.0mm	0033227
1.1/8	1.1250	1.1/4"	180.0mm	0033227
1.9/64	1.1406	1.1/4"	185.0mm	0033234
1.5/32	1.1563	1.1/4"	185.0mm	0033234
1.11/64	1.1719	1.1/4"	185.0mm	0033234
1.3/16	1.1875	1.1/4"	185.0mm	0033425

Dia. Fraction	Dia. Decimal	Shank Dia.	Overall Length	EDP# H855
5xD				
15/32	0.4688	5/8"	130.0mm	0033586
31/64	0.4844	5/8"	130.0mm	0033586
1/2	0.5000	5/8"	130.0mm	0034095
33/64	0.5156	5/8"	140.0mm	0034132
17/32	0.5313	5/8"	140.0mm	0034132
35/64	0.5469	3/4"	146.5mm	0034699
9/16	0.5625	3/4"	146.5mm	0034699
37/64	0.5781	3/4"	156.5mm	0034705
19/32	0.5938	3/4"	156.5mm	0034705
39/64	0.6094	3/4"	156.5mm	0034705
5/8	0.6250	3/4"	166.5mm	0034712
41/64	0.6406	3/4"	166.5mm	0034712
21/32	0.6563	3/4"	171.5mm	0034736
43/64	0.6719	3/4"	171.5mm	0034736
11/16	0.6875	3/4"	171.5mm	0034736
45/64	0.7031	3/4"	176.5mm	0034743
23/32	0.7188	3/4"	176.5mm	0034743
47/64	0.7344	1"	191.5mm	0034798
3/4	0.7500	1"	191.5mm	0034798
49/64	0.7656	1"	191.5mm	0034798
25/32	0.7813	1"	196.5mm	0034804
51/64	0.7969	1"	196.5mm	0034804
13/16	0.8125	1"	196.5mm	0034811
53/64	0.8281	1"	196.5mm	0034811
27/32	0.8438	1"	196.5mm	0034811
55/64	0.8594	1"	201.1mm	0034835
7/8	0.8750	1"	201.1mm	0034835
57/64	0.8906	1"	201.1mm	0034835
29/32	0.9063	1"	210.5mm	0034842
59/64	0.9219	1"	210.5mm	0034842
15/16	0.9375	1"	220.2mm	0034859
61/64	0.9531	1"	220.2mm	0034859
31/32	0.9688	1"	220.2mm	0034859
63/64	0.9844	1.1/4"	225.0mm	0034866
1"	1.0000	1.1/4"	225.0mm	0034866
1.1/64	1.0156	1.1/4"	225.0mm	0034866
1.1/32	1.0313	1.1/4"	230.0mm	0034873
1.3/64	1.0469	1.1/4"	230.0mm	0034873
1.1/16	1.0625	1.1/4"	235.0mm	0034897
1.5/64	1.0781	1.1/4"	235.0mm	0034897
1.3/32	1.0938	1.1/4"	235.0mm	0034897
1.7/64	1.1094	1.1/4"	240.0mm	0034903
1.1/8	1.1250	1.1/4"	240.0mm	0034903
1.9/64	1.1406	1.1/4"	245.0mm	0034934
1.5/32	1.1563	1.1/4"	245.0mm	0034934
1.11/64	1.1719	1.1/4"	245.0mm	0034934
1.3/16	1.1875	1.1/4"	255.0mm	0034965

Dia. Metric	Shank Dia.	Overall Length	EDP# H858
8xD*			
14mm	16mm	191.5mm	0018668
15mm	20mm	201.5mm	0018675
16mm	20mm	211.5mm	0018682
17mm	20mm	221.5mm	0018699
18mm	20mm	226.5mm	0018705
19mm	25mm	251.5mm	0018712
20mm	25mm	264.5mm	0018729
21mm	25mm	266.5mm	0018736
22mm	25mm	271.1mm	0018743
23mm	25mm	280.5mm	0018750
24mm	32mm	295.2mm	0018767
25mm	32mm	300.0mm	0018774
26mm	32mm	310.0mm	0018781
27mm	32mm	320.0mm	0018798
28mm	32mm	325.0mm	0018804
29mm	32mm	335.0mm	0018811
30mm	32mm	345.0mm	0018828
31mm	32mm	356.5mm	46111421
32mm	32mm	356.5mm	46111421
33mm	40mm	371.5mm	46111422
34mm	40mm	396.5mm	46111423
35mm	40mm	396.5mm	46111423
36mm	40mm	406.5mm	46111424
37mm	40mm	421.5mm	46111425
38mm	40mm	421.5mm	46111425
39mm	40mm	431.5mm	46111426
40mm	40mm	451.5mm	46111427
41mm	40mm	451.5mm	46111427
42mm	40mm	461.5mm	46111428

Dia. Metric	Shank Dia.	Overall Length	EDP# H8512
12xD*			
13.5mm	16mm	236mm	7833364
14mm	16mm	236mm	7833364
14.5mm	16mm	236mm	7833364
15mm	20mm	250.3mm	7833365
15.5mm	20mm	250.3mm	7833365
16mm	20mm	262.6mm	7833366
16.5mm	20mm	262.6mm	7833366
17mm	20mm	275mm	7833367
17.5mm	20mm	275mm	7833367
18mm	20mm	287.2mm	7833368
18.5mm	20mm	287.2mm	7833368
19mm	25mm	305.6mm	7833369
19.5mm	25mm	305.6mm	7833369
20mm	25mm	317.8mm	7833370
21mm	25mm	330.1mm	7833371
21.5mm	25mm	330.1mm	7833371
22mm	25mm	343mm	7833372
22.5mm	25mm	343mm	7833372
23mm	25mm	354.8mm	7833373
23.5mm	25mm	354.8mm	7833373
24mm	32mm	371.7mm	7833374
24.5mm	32mm	371.7mm	7833374
25mm	32mm	383.8mm	7833375
25.5mm	32mm	383.8mm	7833375

The **Hydra Drill's** removable head construction, designed for production applications where quality performance and cost efficiency is your goal, reduces cycle time as well as down-time caused by tool changes. The Hydra delivers consistently high performance even after numerous head changes.



NEW
1.5xD & 12xD
bodies!

*More standard metric sizes available in all length options

Drill Heads*

			Drill Head Styles			Compatible Bodies		
Dia. Fraction	Dia. Decimal	Overall Length mm	R950 (Steel)	R960 (Stainless Steel)	R970 (Cast Iron)	1.5xD Body EDP#	3xD Body EDP#	5xD Body EDP#
15/32	0.4688	9.1	0010860	0013472	7332946	7833294	0033043	0033586
31/64	0.4844	9.1	0010884	0013496	7332980	7833294	0033043	0033586
1/2	0.5000	9.4	0010914	0013526	7332983	7833295	0033050	0034095
33/64	0.5156	9.7	0010938	0013540	7332987	7833296	0033067	0034132
17/32	0.5313	9.7	0010945	0013557	7332989	7833296	0033067	0034132
35/64	0.5469	10.3	0010969	0016039	7332994	7833331	0033074	0034699
9/16	0.5625	10.3	0011003	0016053	7332998	7833331	0033074	0034699
37/64	0.5781	11.0	0011140	0016077	7333001	7833332	0033081	0034705
19/32	0.5938	11.0	0011218	0016091	7333005	7833332	0033081	0034705
39/64	0.6094	11.0	0011232	0016107	7333009	7833332	0033081	0034705
5/8	0.6250	11.6	0011379	0016121	7333013	7833333	0033098	0034712
41/64	0.6406	11.6	0011393	0016145	7333018	7833333	0033098	0034712
21/32	0.6563	12.2	0012161	0016169	7333022	7833334	0033104	0034736
43/64	0.6719	12.2	0012215	0016183	7333025	7833334	0033104	0034736
11/16	0.6875	12.2	0012239	0016190	7333028	7833334	0033104	0034736
45/64	0.7031	12.9	0012260	0016640	7333032	7833335	0033111	0034743
23/32	0.7188	12.9	0012284	0016671	7333036	7833335	0033111	0034743
47/64	0.7344	13.5	0012321	0016695	7333039	7833345	0033128	0034798
3/4	0.7500	13.5	0012345	0016879	7333043	7833345	0033128	0034798
49/64	0.7656	13.5	0012376	0016886	7333049	7833345	0033128	0034798
25/32	0.7813	14.1	0012406	0016954	7333053	7833346	0033135	0034804
51/64	0.7969	14.1	0012437	0017128	7333055	7833346	0033135	0034804
13/16	0.8125	14.8	0012468	0017197	7333057	7833347	0033142	0034811
53/64	0.8281	14.8	0012536	0017203	7333059	7833347	0033142	0034811
27/32	0.8438	14.8	0012550	0017227	7333060	7833347	0033142	0034811
55/64	0.8594	15.0	0012604	0017241	7333062	7833348	0033159	0034835
7/8	0.8750	15.0	0012635	0017371	7333064	7833348	0033159	0034835
57/64	0.8906	15.0	0012642	0017401	7333066	7833348	0033159	0034835
29/32	0.9063	15.1	0012673	0017432	7333069	7833349	0033166	0034842
59/64	0.9219	15.1	0012680	0017456	7333070	7833349	0033166	0034842
15/16	0.9375	15.4	0012703	0017562	7333072	7833350	0033173	0034859
61/64	0.9531	15.4	0012741	0017586	7333074	7833350	0033173	0034859
31/32	0.9688	15.4	0012772	0017593	7333076	7833350	0033173	0034859
63/64	0.9844	15.8	0012826	0017746	7333078	7833351	0033180	0034866
1"	1.0000	15.8	0012833	0017753	7333079	7833351	0033180	0034866
1.1/64	1.0156	15.8	0012840	0018958	7333082	7833351	0033180	0034866
1.1/32	1.0312	16.4	0013120	0018972	7333084	7833352	0033197	0034873
1.3/64	1.0469	16.4	0013229	0018989	7333086	7833352	0033197	0034873
1.1/16	1.0625	17.1	0013243	0018996	7333087	7833353	0033210	0034897
1.5/64	1.0781	17.1	0013274	0019016	7333089	7833353	0033210	0034897
1.3/32	1.0938	17.1	0013281	0019023	7333091	7833353	0033210	0034897
1.7/64	1.1094	17.7	0013311	0019047	7333093	7833354	0033227	0034903
1.1/8	1.1250	17.7	0013328	0019054	7333095	7833354	0033227	0034903
1.9/64	1.1406	18.3	0013342	0019061	7333096	7833355	0033234	0034934
1.5/32	1.1563	18.3	0013380	0019085	7333098	7833355	0033234	0034934
1.11/64	1.1719	18.3	0013427	0019092	7333100	7833355	0033234	0034934
1.3/16	1.1875	19.0	0013441	0019115	7333102	7833356	0033425	0034965

			Drill Head Styles			Compatible Bodies	
Diameter	Diameter Decimal	Overall Length mm	R950 (Steel)	R960 (Stainless Steel)	R970 (Cast Iron)	8xD Body EDP#	12xD Body EDP#
13.5mm	.5315	10.3	0010952	0016022	7332990	0018668	7833364
13.6mm	.5354	10.3	0037966	0038499	7332991	0018668	7833364
13.7mm	.5394	10.3	0037973	0038529	7332992	0018668	7833364
13.8mm	.5433	10.3	0037980	0038543	7332993	0018668	7833364
35/64	.5469	10.3	0010969	0016039	7332994	0018668	7833364
14.0mm	.5512	10.3	0010983	0016046	7332995	0018668	7833364
14.1mm	.5551	10.3	0037997	0038567	7332996	0018668	7833364
14.2mm	.5591	10.3	0038000	0038574	7332997	0018668	7833364
9/16	.5625	10.3	0011003	0016053	7332998	0018668	7833364
14.5mm	.5709	10.3	0011010	0016060	7332999	0018668	7833364
16.6mm	.6535	12.2	0038109	0039687	7333021	0018699	7833367
21/32	.6563	12.2	0012161	0016169	7333022	0018699	7833367
16.7mm	.6575	12.2	0038116	0039694	7333023	0018699	7833367
17.0mm	.6693	12.2	0012185	0016176	7333024	0018699	7833367
43/64	.6719	12.2	0012215	0016183	7333025	0018699	7833367
17.1mm	.6732	12.2	0038123	0039700	7333026	0018699	7833367
17.2mm	.6772	12.2	0038130	0039717	7333027	0018699	7833367
11/16	.6875	12.2	0012239	0016190	7333028	0018699	7833367
17.5mm	.6890	12.2	0012253	0016503	7333029	0018699	7833367
13/16	.8125	14.8	0012468	0017197	7333057	0018736	7833371
21.0mm	.8268	14.8	0012475	0017166	7333058	0018736	7833371
53/64	.8281	14.8	0012536	0017203	7333059	0018736	7833371
27/32	.8438	14.8	0012550	0017227	7333060	0018736	7833371
21.5mm	.8465	14.8	0012574	0017234	7333061	0018736	7833371
1.7/32	1.2188	21.0	46104481	—	7333104	46111421	—
31.00mm	1.2205	21.0	46104482	—	7333105	46111421	—
1.1/4	1.2500	21.0	46104483	—	7333106	46111421	—
32.00mm	1.2598	21.0	46104484	—	7333107	46111421	—



*More standard metric sizes available in all length options