



STRAIGHT SHANK DRILLS

D1102 SERIES

HSS, STRAIGHT SHANK DRILLS

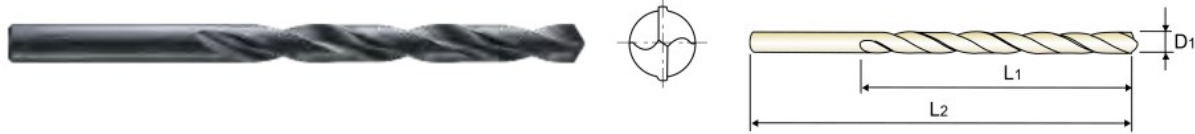
LONG

HSS, 直柄钻头

长

► **Surface treatment:** Steam Homo (Black Oxide Finish)
 ► **Application:** Designed for drilling deep holes or deeply located holes. Drills in steel, cast steel alloyed and non-alloyed, grey cast iron, malleable cast iron

► **表面处理:** 氧化发黑处理
 ► **应用:** 设计用于深孔加工或深定位孔加工。适用于钢, 铸钢合金和非合金钢, 灰铸铁, 可锻铸铁的深孔钻削和石墨的加工。



p. A229-A230



Unit(单位): mm

EDP No	Drill Diameter	Flute Length	Overall Length
型号	刃径	槽长	全长
	D1	L1	L2
D1102220	2.0	75	100
D1102221	2.1	75	100
D1102222	2.2	75	100
D1102223	2.3	75	100
D1102224	2.4	75	100
D1102225	2.5	75	100
D1102226	2.6	75	100
D1102228	2.8	75	100
D1102230	3.0	75	100
D1102231	3.1	75	100
D1102232	3.2	75	100
D1102233	3.3	75	100
D1102234	3.4	75	100
D1102235	3.5	75	100
D1102236	3.6	75	100
D1102237	3.7	75	100
D1102238	3.8	75	100
D1102240	4.0	75	100
D1102241	4.1	75	100
D1102242	4.2	75	100
D1102243	4.3	75	100
D1102244	4.4	75	100
D1102245	4.5	75	100
D1102246	4.6	75	100
D1102248	4.8	75	100
D1102250	5.0	75	100
D1102252	5.2	75	100
D1102254	5.4	75	100
D1102255	5.5	75	100

EDP No	Drill Diameter	Flute Length	Overall Length
型号	刃径	槽长	全长
	D1	L1	L2
D1102320	2.0	100	150
D1102321	2.1	100	150
D1102322	2.2	100	150
D1102323	2.3	100	150
D1102324	2.4	100	150
D1102325	2.5	100	150
D1102326	2.6	100	150
D1102327	2.7	100	150
D1102328	2.8	100	150
D1102329	2.9	100	150
D1102330	3.0	100	150
D1102331	3.1	100	150
D1102332	3.2	100	150
D1102333	3.3	100	150
D1102334	3.4	100	150
D1102335	3.5	100	150
D1102336	3.6	100	150
D1102337	3.7	100	150
D1102338	3.8	100	150
D1102339	3.9	100	150
D1102340	4.0	100	150
D1102341	4.1	100	150
D1102342	4.2	100	150
D1102343	4.3	100	150
D1102344	4.4	100	150
D1102345	4.5	100	150
D1102346	4.6	100	150
D1102347	4.7	100	150
D1102348	4.8	100	150

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◎ : Excellent (优秀) ○ : Good (良好)

ISO Material Description	P										M				K					
	Non-alloy steel					Low alloy steel					High alloyed steel, and tool steel		Stainless steel		Grey cast iron		Nodular cast iron		Malleable cast iron	
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HRc	125	13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25	21	21
HB	125	190	250	270	300	180	275	300	350	200	325	200	240	180	180	260	160	250	130	230
Recommended	◎	◎	◎	○	◎	◎	○	○	○	○	○	○	○	○	○	○	○	○	○	○

ISO Material Description	N					S					H										
	Aluminum-wrought alloy		Aluminum-cast, alloyed		Copper and Copper Alloys (Bronze / Brass)	Non Metallic Materials	Heat Resistant Super Alloys			Titanium Alloys	Hardened steel	Chilled Cast Iron	Hardened Cast Iron								
VDI 3323	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
HRc	60	100	75	90	130	110	90	100			15	30	25	38	34	55	60	55	60	42	55
HB	60	100	75	90	130	110	90	100			200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
Recommended	○	○	○						○							○					