



# MORSE TAPER SHANK DRILLS

D1201 SERIES

## HSS, MORSE TAPER SHANK DRILLS

REGULAR

### HSS, 莫氏锥柄麻花钻头

常规

- ▶ **Surface treatment** : Steam Homo (Black Oxide Finish)
- ▶ **Application** : Drilling into steel, cast steel alloyed and non-alloyed, grey cast iron, melleable cast iron

- ▶ **表面处理** : 氧化发黑处理
- ▶ **应用** : 适用于钢, 铸钢合金和非合金钢, 灰铸铁, 可锻铸铁, 石墨的加工



HSS
N 30°
1~5
h8
118°
p. A244

Plain Shank
Page  
Recommended Toolholder
MORSE TAPER ARBOR
D177-181

Unit(单位) : mm

EDP No	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
型号	刃径	槽长	全长	莫氏锥度号	型号	刃径	槽长	全长	莫氏锥度号
	D1	L1	L2			D1	L1	L2	
D1201130	13.0	115	198	1	D1201210	21.0	155	255	2
D1201132	13.2	118	202	1	D1201215	21.5	160	260	2
D1201135	13.5	118	202	1	D1201220	22.0	160	260	2
D1201138	13.8	122	205	1	D1201225	22.5	165	265	2
D1201140	14.0	122	205	1	D1201230	23.0	165	265	2
D1201145	14.5	122	222	2	D1201235	23.5	165	285	3
D1201150	15.0	125	225	2	D1201240	24.0	165	285	3
D1201155	15.5	128	228	2	D1201245	24.5	165	285	3
D1201160	16.0	130	230	2	D1201250	25.0	165	285	3
D1201165	16.5	132	232	2	D1201255	25.5	165	285	3
D1201170	17.0	135	235	2	D1201260	26.0	165	285	3
D1201175	17.5	140	240	2	D1201265	26.5	170	290	3
D1201180	18.0	140	240	2	D1201270	27.0	170	290	3
D1201185	18.5	145	245	2	D1201275	27.5	175	295	3
D1201190	19.0	145	245	2	D1201280	28.0	175	295	3
D1201195	19.5	150	250	2	D1201285	28.5	180	300	3
D1201200	20.0	150	250	2	D1201290	29.0	180	300	3
D1201205	20.5	155	255	2	D1201295	29.5	185	305	3

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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		13	25	28	32	10	29	32	38	15	35	15	23	10	10	26	3	25		
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											15	30	25	38	34			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	○	○	○						○							○					