



# MORSE TAPER SHANK DRILLS

## D1202 SERIES

### HSS, MORSE TAPER SHANK DRILLS HSS, 莫氏锥柄麻花钻头

LONG  
长

▶ **Surface treatment** : Steam Homo (Black Oxide Finish)  
 ▶ **Application** : Designed for drilling deep hole or deeply located hole.  
 Drilling into steel, cast steel alloyed and non-alloyed, grey cast iron, malleable cast iron, Spheroidal graphite cast iron, sintered iron, aluminium and aluminium alloy.

▶ **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, 球状石墨铸铁, 烧结铁, 铝和铝合金的深孔和深定位孔的钻削。



Overall Length : 350mm

Unit(单位) : mm

EDP No 型号	Drill Diameter 刃径 D1	Flute Length 槽长 L1	Overall Length 全长 L2	No. of Morse Taper 莫氏锥度号
D1202140	14.0	225	350	1
D1202145	14.5	225	350	2
D1202150	15.0	225	350	2
D1202155	15.5	225	350	2
D1202160	16.0	225	350	2
D1202165	16.5	225	350	2
D1202170	17.0	225	350	2
D1202175	17.5	225	350	2
D1202180	18.0	225	350	2
D1202185	18.5	225	350	2
D1202190	19.0	225	350	2
D1202195	19.5	225	350	2
D1202200	20.0	225	350	2
D1202205	20.5	225	350	2
D1202210	21.0	225	350	2
D1202215	21.5	225	350	2
D1202220	22.0	225	350	2
D1202225	22.5	225	350	2
D1202230	23.0	225	350	2

EDP No 型号	Drill Diameter 刃径 D1	Flute Length 槽长 L1	Overall Length 全长 L2	No. of Morse Taper 莫氏锥度号
D1202235	23.5	200	350	3
D1202240	24.0	200	350	3
D1202245	24.5	200	350	3
D1202250	25.0	200	350	3
D1202255	25.5	200	350	3
D1202260	26.0	200	350	3
D1202265	26.5	200	350	3
D1202270	27.0	200	350	3
D1202275	27.5	200	350	3
D1202280	28.0	200	350	3
D1202285	28.5	200	350	3
D1202290	29.0	200	350	3
D1202295	29.5	200	350	3
D1202300	30.0	200	350	3
D1202305	30.5	200	350	3
D1202310	31.0	200	350	3
D1202315	31.5	200	350	3
D1202320	32.0	200	350	3

◎ : 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	130	230				
HB	125	190	250	270	300	180	275	300	350	200	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	200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550
HB	60	100	75	90	130	110	90	100	○	○	200	280	250	350	320	400 Rm	1050 Rm	550	630	400	550	400	550			
Recommended	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	