

# HSS



Being the best through innovation



# MORSE TAPER SHANK DRILLS

- 普通用途 (HSS & HSS-E & 含钴8%)

General Purpose, HSS & HSS-E & 8% Cobalt

# SELECTION GUIDE

莫氏锥柄钻头  
莫氏锥柄钻头能够广泛使用

项目 ITEM	型号 MODEL	规格 DESCRIPTION	尺寸 SIZE		页 PAGE
			最小 MIN	最大 MAX	
<b>D1201</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS	常规 REGULAR	D13.0 D60.0	<b>206</b>
<b>D1203</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS, 300mm	长 LONG	D14.0 D23.0	<b>208</b>
<b>D1202</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS, 350mm	长 LONG	D14.0 D32.0	<b>209</b>
<b>D1204</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS, 400mm	长 LONG	D14.5 D50.0	<b>210</b>
<b>D1208</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS, 450mm	长 LONG	D14.5 D50.0	<b>211</b>
<b>D1207</b>		HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS, 500mm	长 LONG	D14.5 D50.0	<b>212</b>
<b>D1205</b>		HSS, 莫氏锥柄麻花钻头 HSS, TAPER SHANK TWIST DRILLS	细长 JOBBER	D13.0 D60.0	<b>213</b>
<b>D1206</b>		HSS, 莫氏锥柄麻花钻头 HSS, TAPER SHANK TWIST DRILLS	长 LONG	D13.0 D30.0	<b>215</b>
<b>D1209</b>		HSS, 莫氏锥柄麻花钻头 HSS, TAPER SHANK TWIST DRILLS	超长 EXTRA LONG	D13.0 D50.0	<b>216</b>
<b>D1210</b>		HSS, 莫氏锥柄麻花钻头 HSS, TAPER SHANK TWIST DRILLS	超长 EXTRA LONG	D13.0 D50.0	<b>217</b>
<b>D2201</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS	常规 REGULAR	D13.0 D60.0	<b>218</b>
<b>D2203</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS, 300mm	长 LONG	D14.0 D23.0	<b>220</b>
<b>D2202</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS, 350mm	长 LONG	D14.0 D32.0	<b>221</b>
<b>D2204</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS, 400mm	长 LONG	D14.5 D50.0	<b>222</b>
<b>D2208</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS, 450mm	长 LONG	D14.5 D50.0	<b>223</b>
<b>D2207</b>		HSSCo8, 莫氏锥柄麻花钻头 HSS Co8, MORSE TAPER SHANK DRILLS, 500mm	长 LONG	D14.5 D50.0	<b>224</b>
<b>DN221</b>		HSS-E, 莫氏锥柄麻花钻 HSS-E, TAPER SHANK TWIST DRILLS	短 SHORT	D13.0 D32.0	<b>225</b>
		推荐的切削条件 RECOMMENDED CUTTING CONDITIONS			<b>226</b>



# Y/G MORSE TAPER SHANK DRILLS

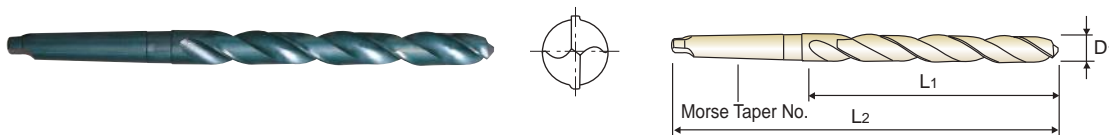
**D1201** SERIES

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

常规  
REGULAR

- ▶ 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。

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



HSS
N 30°
1~5
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
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

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

## D1201 SERIES

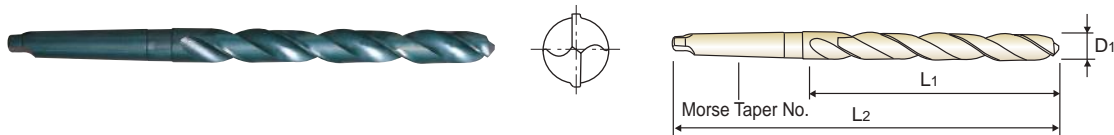
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS

常规

REGULAR

- ▶ 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。

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



HSS
N 30°
1~5
h8
118°
P.226

型号					型号				
EDP No.	Drill Diameter D1	Flute Length L1	Overall Length L2	No. of Morse Taper	EDP No.	Drill Diameter D1	Flute Length L1	Overall Length L2	No. of Morse Taper
D1201300	30.0	185	305	3	D1201450	45.0	230	375	4
D1201305	30.5	190	310	3	D1201460	46.0	235	380	4
D1201310	31.0	190	310	3	D1201470	47.0	235	380	4
D1201315	31.5	195	315	3	D1201480	48.0	240	385	4
D1201320	32.0	195	315	3	D1201490	49.0	240	385	4
D1201330	33.0	200	345	4	D1201500	50.0	245	390	4
D1201340	34.0	205	350	4	D1201510	51.0	245	425	5
D1201350	35.0	205	350	4	D1201520	52.0	250	430	5
D1201360	36.0	210	355	4	D1201530	53.0	250	430	5
D1201370	37.0	210	355	4	D1201540	54.0	255	435	5
D1201380	38.0	215	360	4	D1201550	55.0	255	435	5
D1201390	39.0	215	360	4	D1201560	56.0	260	440	5
D1201400	40.0	220	365	4	D1201570	57.0	260	440	5
D1201410	41.0	220	365	4	D1201580	58.0	265	445	5
D1201420	42.0	225	370	4	D1201590	59.0	265	445	5
D1201430	43.0	225	370	4	D1201600	60.0	270	450	5
D1201440	44.0	230	375	4					

单位(Unit) : mm

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
~HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

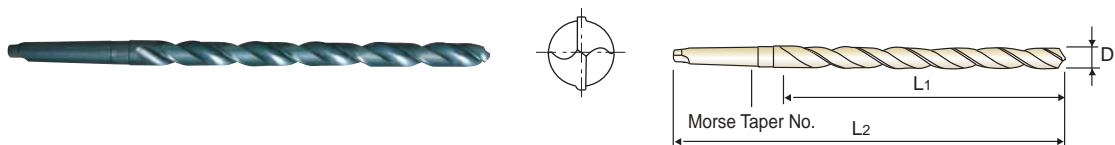
**D1203** SERIES

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

长  
LONG

- ▶ 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。

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



HSS
N 30°
1~2
h8
118°
P.226

Overall Length : 300mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1203140	14.0	200	300	1	D1203190	19.0	175	300	2
D1203145	14.5	175	300	2	D1203195	19.5	175	300	2
D1203150	15.0	175	300	2	D1203200	20.0	175	300	2
D1203155	15.5	175	300	2	D1203205	20.5	175	300	2
D1203160	16.0	175	300	2	D1203210	21.0	175	300	2
D1203165	16.5	175	300	2	D1203215	21.5	175	300	2
D1203170	17.0	175	300	2	D1203220	22.0	175	300	2
D1203175	17.5	175	300	2	D1203225	22.5	175	300	2
D1203180	18.0	175	300	2	D1203230	23.0	175	300	2
D1203185	18.5	175	300	2					

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		



# YG MORSE TAPER SHANK DRILLS

## D1202 SERIES

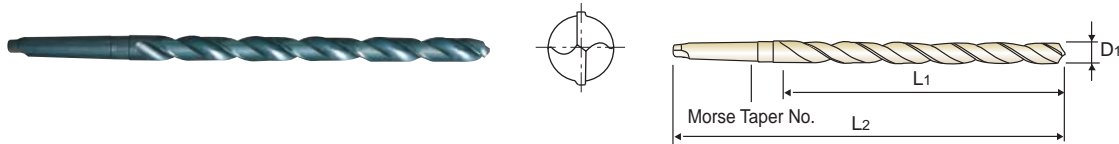
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS

长

LONG

- ▶ 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。

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



HSS
N 30°
1~3
h8
118°
P.226

Overall Length : 350mm

单位(Unit) : mm

型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
	D1	L1	L2			D1	L1	L2	
D1202140	14.0	225	350	1	D1202235	23.5	200	350	3
D1202145	14.5	225	350	2	D1202240	24.0	200	350	3
D1202150	15.0	225	350	2	D1202245	24.5	200	350	3
D1202155	15.5	225	350	2	D1202250	25.0	200	350	3
D1202160	16.0	225	350	2	D1202255	25.5	200	350	3
D1202165	16.5	225	350	2	D1202260	26.0	200	350	3
D1202170	17.0	225	350	2	D1202265	26.5	200	350	3
D1202175	17.5	225	350	2	D1202270	27.0	200	350	3
D1202180	18.0	225	350	2	D1202275	27.5	200	350	3
D1202185	18.5	225	350	2	D1202280	28.0	200	350	3
D1202190	19.0	225	350	2	D1202285	28.5	200	350	3
D1202195	19.5	225	350	2	D1202290	29.0	200	350	3
D1202200	20.0	225	350	2	D1202295	29.5	200	350	3
D1202205	20.5	225	350	2	D1202300	30.0	200	350	3
D1202210	21.0	225	350	2	D1202305	30.5	200	350	3
D1202215	21.5	225	350	2	D1202310	31.0	200	350	3
D1202220	22.0	225	350	2	D1202315	31.5	200	350	3
D1202225	22.5	225	350	2	D1202320	32.0	200	350	3
D1202230	23.0	225	350	2					

◎ : 优(Excellent)    ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA



# MORSE TAPER SHANK DRILLS

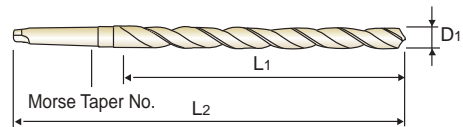
**D1204** SERIES

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

长  
LONG

- ▶ 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。

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



HSS
N 30°
2~4
h8
118°
P.226

Overall Length : 400mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1204145	14.5	250	400	2	D1204280	28.0	250	400	3
D1204150	15.0	250	400	2	D1204285	28.5	250	400	3
D1204155	15.5	250	400	2	D1204290	29.0	250	400	3
D1204160	16.0	250	400	2	D1204295	29.5	250	400	3
D1204165	16.5	250	400	2	D1204300	30.0	250	400	3
D1204170	17.0	250	400	2	D1204305	30.5	250	400	3
D1204175	17.5	250	400	2	D1204310	31.0	250	400	3
D1204180	18.0	250	400	2	D1204315	31.5	250	400	3
D1204185	18.5	250	400	2	D1204320	32.0	250	400	3
D1204190	19.0	250	400	2	D1204330	33.0	250	400	4
D1204195	19.5	250	400	2	D1204340	34.0	250	400	4
D1204200	20.0	250	400	2	D1204350	35.0	250	400	4
D1204205	20.5	250	400	2	D1204360	36.0	250	400	4
D1204210	21.0	250	400	2	D1204370	37.0	250	400	4
D1204215	21.5	250	400	2	D1204380	38.0	250	400	4
D1204220	22.0	250	400	2	D1204390	39.0	250	400	4
D1204225	22.5	250	400	2	D1204400	40.0	250	400	4
D1204230	23.0	250	400	2	D1204410	41.0	250	400	4
D1204235	23.5	250	400	3	D1204420	42.0	250	400	4
D1204240	24.0	250	400	3	D1204430	43.0	250	400	4
D1204245	24.5	250	400	3	D1204440	44.0	250	400	4
D1204250	25.0	250	400	3	D1204450	45.0	250	400	4
D1204255	25.5	250	400	3	D1204460	46.0	250	400	4
D1204260	26.0	250	400	3	D1204470	47.0	250	400	4
D1204265	26.5	250	400	3	D1204480	48.0	250	400	4
D1204270	27.0	250	400	3	D1204490	49.0	250	400	4
D1204275	27.5	250	400	3	D1204500	50.0	250	400	4

◎ : 优(Excellent)    ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		



# YG MORSE TAPER SHANK DRILLS

## D1208 SERIES

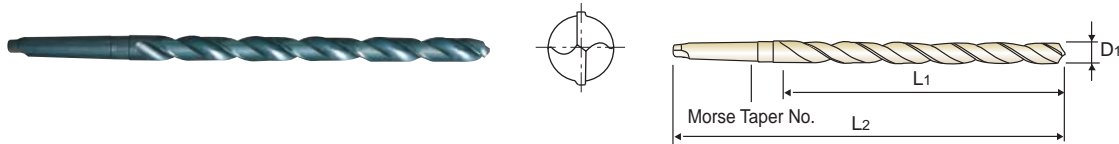
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK DRILLS

长

LONG

- ▶ 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。

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



HSS
N 30°
2~4
h8
118°
P.226

Overall Length : 450mm

单位(Unit) : mm

型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
	D1	L1	L2			D1	L1	L2	
D1208145	14.5	300	450	2	D1208280	28.0	300	450	3
D1208150	15.0	300	450	2	D1208285	28.5	300	450	3
D1208155	15.5	300	450	2	D1208290	29.0	300	450	3
D1208160	16.0	300	450	2	D1208295	29.5	300	450	3
D1208165	16.5	300	450	2	D1208300	30.0	300	450	3
D1208170	17.0	300	450	2	D1208305	30.5	300	450	3
D1208175	17.5	300	450	2	D1208310	31.0	300	450	3
D1208180	18.0	300	450	2	D1208315	31.5	300	450	3
D1208185	18.5	300	450	2	D1208320	32.0	300	450	3
D1208190	19.0	300	450	2	D1208330	33.0	300	450	4
D1208195	19.5	300	450	2	D1208340	34.0	300	450	4
D1208200	20.0	300	450	2	D1208350	35.0	300	450	4
D1208205	20.5	300	450	2	D1208360	36.0	300	450	4
D1208210	21.0	300	450	2	D1208370	37.0	300	450	4
D1208215	21.5	300	450	2	D1208380	38.0	300	450	4
D1208220	22.0	300	450	2	D1208390	39.0	300	450	4
D1208225	22.5	300	450	2	D1208400	40.0	300	450	4
D1208230	23.0	300	450	2	D1208410	41.0	300	450	4
D1208235	23.5	300	450	3	D1208420	42.0	300	450	4
D1208240	24.0	300	450	3	D1208430	43.0	300	450	4
D1208245	24.5	300	450	3	D1208440	44.0	300	450	4
D1208250	25.0	300	450	3	D1208450	45.0	300	450	4
D1208255	25.5	300	450	3	D1208460	46.0	300	450	4
D1208260	26.0	300	450	3	D1208470	47.0	300	450	4
D1208265	26.5	300	450	3	D1208480	48.0	300	450	4
D1208270	27.0	300	450	3	D1208490	49.0	300	450	4
D1208275	27.5	300	450	3	D1208500	50.0	300	450	4

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

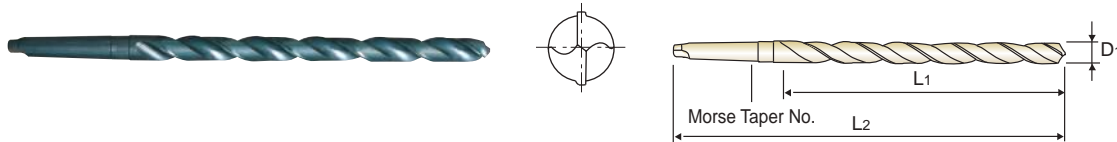
## D1207 SERIES

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

长  
LONG

- ▶ 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。

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



Overall Length : 500mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1207145	14.5	350	500	2	D1207280	28.0	350	500	3
D1207150	15.0	350	500	2	D1207285	28.5	350	500	3
D1207155	15.5	350	500	2	D1207290	29.0	350	500	3
D1207160	16.0	350	500	2	D1207295	29.5	350	500	3
D1207165	16.5	350	500	2	D1207300	30.0	350	500	3
D1207170	17.0	350	500	2	D1207305	30.5	350	500	3
D1207175	17.5	350	500	2	D1207310	31.0	350	500	3
D1207180	18.0	350	500	2	D1207315	31.5	350	500	3
D1207185	18.5	350	500	2	D1207320	32.0	350	500	3
D1207190	19.0	350	500	2	D1207330	33.0	350	500	4
D1207195	19.5	350	500	2	D1207340	34.0	350	500	4
D1207200	20.0	350	500	2	D1207350	35.0	350	500	4
D1207205	20.5	350	500	2	D1207360	36.0	350	500	4
D1207210	21.0	350	500	2	D1207370	37.0	350	500	4
D1207215	21.5	350	500	2	D1207380	38.0	350	500	4
D1207220	22.0	350	500	2	D1207390	39.0	350	500	4
D1207225	22.5	350	500	2	D1207400	40.0	350	500	4
D1207230	23.0	350	500	2	D1207410	41.0	350	500	4
D1207235	23.5	350	500	3	D1207420	42.0	350	500	4
D1207240	24.0	350	500	3	D1207430	43.0	350	500	4
D1207245	24.5	350	500	3	D1207440	44.0	350	500	4
D1207250	25.0	350	500	3	D1207450	45.0	350	500	4
D1207255	25.5	350	500	3	D1207460	46.0	350	500	4
D1207260	26.0	350	500	3	D1207470	47.0	350	500	4
D1207265	26.5	350	500	3	D1207480	48.0	350	500	4
D1207270	27.0	350	500	3	D1207490	49.0	350	500	4
D1207275	27.5	350	500	3	D1207500	50.0	350	500	4

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

## D1205 SERIES

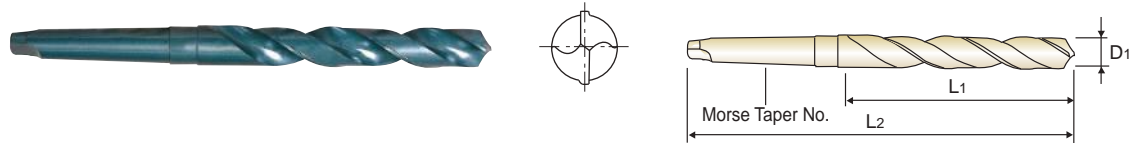
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK TWIST DRILLS

细长

JOBBER

- ▶ 表面处理：氧化发黑处理
- ▶ 应用：适用于钢，铸钢合金及非合金，灰铸铁，可锻铸铁和石墨的加工

- ▶ Surface treatment : Steam Homo (Black Oxide Finish)
- ▶ Application : Drilling steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, graphite.



DIN 345
HSS
N 30°
1~5
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1205130	13.0	101	182	1	D1205205	20.5	145	243	2
D1205132	13.2	101	182	1	D120520B	20.75	145	243	2
D120513A	13.25	108	189	1	D1205210	21.0	145	243	2
D1205135	13.5	108	189	1	D120521A	21.25	150	248	2
D120513B	13.75	108	189	1	D1205215	21.5	150	248	2
D1205138	13.8	108	189	1	D120521B	21.75	150	248	2
D1205140	14.0	108	189	1	D1205220	22.0	150	248	2
D120514A	14.25	114	212	2	D120522A	22.25	150	248	2
D1205145	14.5	114	212	2	D1205225	22.5	155	253	2
D120514B	14.75	114	212	2	D120522B	22.75	155	253	2
D1205150	15.0	114	212	2	D1205230	23.0	155	253	2
D120515A	15.25	120	218	2	D120523A	23.25	155	276	3
D1205155	15.5	120	218	2	D1205235	23.5	155	276	3
D120515B	15.75	120	218	2	D120523B	23.75	160	281	3
D1205160	16.0	120	218	2	D1205240	24.0	160	281	3
D120516A	16.25	125	223	2	D120524A	24.25	160	281	3
D1205165	16.5	125	223	2	D1205245	24.5	160	281	3
D120516B	16.75	125	223	2	D120524B	24.75	160	281	3
D1205170	17.0	125	223	2	D1205250	25.0	160	281	3
D120517A	17.25	130	228	2	D120525A	25.25	165	286	3
D1205175	17.5	130	228	2	D1205255	25.5	165	286	3
D120517B	17.75	130	228	2	D120525B	25.75	165	286	3
D1205180	18.0	130	228	2	D1205260	26.0	165	286	3
D120518A	18.25	135	233	2	D120526A	26.25	165	286	3
D1205185	18.5	135	233	2	D1205265	26.5	165	286	3
D120518B	18.75	135	233	2	D120526B	26.75	170	291	3
D1205190	19.0	135	233	2	D1205270	27.0	170	291	3
D120519A	19.25	140	238	2	D120527A	27.25	170	291	3
D1205195	19.5	140	238	2	D1205275	27.5	170	291	3
D120519B	19.75	140	238	2	D120527B	27.75	170	291	3
D1205200	20.0	140	238	2	D1205280	28.0	170	291	3
D120520A	20.25	145	243	2	D120528A	28.25	175	296	3

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# Y/G MORSE TAPER SHANK DRILLS

**D1205** SERIES

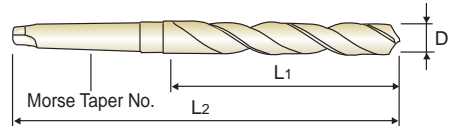
## HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK TWIST DRILLS

细长

JOBBER

- ▶ 表面处理：氧化发黑处理
- ▶ 应用：适用于钢，铸钢合金及非合金，灰铸铁，可锻铸铁和石墨的加工

- ▶ Surface treatment : Steam Homo (Black Oxide Finish)
- ▶ Application : Drilling steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, graphite.



DIN 345
HSS
N 30°
1~5
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1205285	28.5	175	296	3	D1205405	40.5	205	354	4
D1205288	28.75	175	296	3	D1205410	41.0	205	354	4
D1205290	29.0	175	296	3	D1205415	41.5	205	354	4
D120529A	29.25	175	296	3	D1205420	42.0	205	354	4
D1205295	29.5	175	296	3	D1205425	42.5	205	354	4
D120529B	29.75	175	296	3	D1205430	43.0	210	359	4
D1205300	30.0	175	296	3	D1205435	43.5	210	359	4
D120530A	30.25	180	301	3	D1205440	44.0	210	359	4
D1205305	30.5	180	301	3	D1205445	44.5	210	359	4
D120530B	30.75	180	301	3	D1205450	45.0	210	359	4
D1205310	31.0	180	301	3	D1205455	45.5	215	364	4
D120531A	31.25	180	301	3	D1205460	46.0	215	364	4
D1205315	31.5	180	301	3	D1205465	46.5	215	364	4
D120531B	31.75	185	306	3	D1205470	47.0	215	364	4
D1205320	32.0	185	334	4	D1205475	47.5	215	364	4
D1205325	32.5	185	334	4	D1205480	48.0	220	369	4
D1205330	33.0	185	334	4	D1205485	48.5	220	369	4
D1205335	33.5	185	334	4	D1205490	49.0	220	369	4
D1205340	34.0	190	339	4	D1205495	49.5	220	369	4
D1205345	34.5	190	339	4	D1205500	50.0	220	369	4
D1205350	35.0	190	339	4	D1205505	50.5	225	374	4
D1205355	35.5	190	339	4	D1205510	51.0	225	412	5
D1205360	36.0	195	344	4	D1205520	52.0	225	412	5
D1205365	36.5	195	344	4	D1205530	53.0	225	412	5
D1205370	37.0	195	344	4	D1205540	54.0	230	417	5
D1205375	37.5	195	344	4	D1205550	55.0	230	417	5
D1205380	38.0	200	349	4	D1205560	56.0	230	417	5
D1205385	38.5	200	349	4	D1205570	57.0	235	422	5
D1205390	39.0	200	349	4	D1205580	58.0	235	422	5
D1205395	39.5	200	349	4	D1205590	59.0	235	422	5
D1205400	40.0	200	349	4	D1205600	60.0	235	422	5

◎ : 优(Excellent)    ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

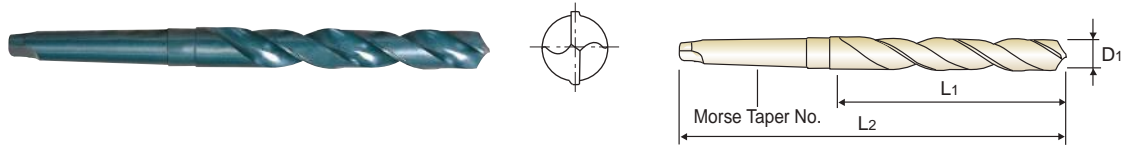
## D1206 SERIES

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

长  
LONG

- ▶ 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，可锻铸铁及石墨的深孔钻削

- ▶ Surface treatment : Steam Homo (Black Oxide Finish)
- ▶ Application : Drilling deep holes in steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, graphite.



DIN 341
HSS
N 30°
1~3
h8
118°
P.226

					单位(Unit) : mm				
型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
	D1	L1	L2			D1	L1	L2	
D1206130	13.0	134	215	1	D1206195	19.5	177	275	2
D1206135	13.5	142	223	1	D1206200	20.0	177	275	2
D1206140	14.0	142	223	1	D1206210	21.0	184	282	2
D1206145	14.5	147	245	2	D1206220	22.0	191	289	2
D1206150	15.0	147	245	2	D1206230	23.0	198	296	2
D1206155	15.5	153	251	2	D1206240	24.0	206	327	3
D1206160	16.0	153	251	2	D1206250	25.0	206	327	3
D1206165	16.5	159	257	2	D1206260	26.0	214	335	3
D1206170	17.0	159	257	2	D1206270	27.0	222	343	3
D1206175	17.5	165	263	2	D1206280	28.0	222	343	3
D1206180	18.0	165	263	2	D1206290	29.0	230	351	3
D1206185	18.5	171	269	2	D1206300	30.0	230	351	3
D1206190	19.0	171	269	2					

◎ : 优(Excellent)    ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA



# Y/G MORSE TAPER SHANK DRILLS

## D1209 SERIES

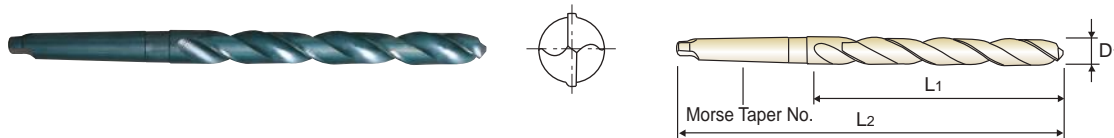
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK TWIST DRILLS

细长

JOBBER

- ▶ 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，可锻铸铁及石墨的深孔钻削

- ▶ Surface treatment：Steam Homo (Black Oxide Finish)
- ▶ Application：Drilling deep holes in steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, graphite.



DIN 1870/1
HSS
N 30°
1~4
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1209130	13.0	205	310	1	D1209270	27.0	305	460	3
D1209135	13.5	220	325	1	D1209275	27.5	305	460	3
D1209140	14.0	220	325	1	D1209280	28.0	305	460	3
D1209145	14.5	220	340	2	D1209285	28.5	305	460	3
D1209150	15.0	220	340	2	D1209290	29.0	305	460	3
D1209155	15.5	230	355	2	D1209295	29.5	305	460	3
D1209160	16.0	230	355	2	D1209300	30.0	305	460	3
D1209165	16.5	230	355	2	D1209305	30.5	320	480	3
D1209170	17.0	230	355	2	D1209310	31.0	320	480	3
D1209175	17.5	245	370	2	D1209320	32.0	320	505	4
D1209180	18.0	245	370	2	D1209330	33.0	320	505	4
D1209185	18.5	245	370	2	D1209340	34.0	340	530	4
D1209190	19.0	245	370	2	D1209350	35.0	340	530	4
D1209195	19.5	260	385	2	D1209360	36.0	340	530	4
D1209200	20.0	260	385	2	D1209370	37.0	340	530	4
D1209205	20.5	260	385	2	D1209380	38.0	360	555	4
D1209210	21.0	260	385	2	D1209390	39.0	360	555	4
D1209215	21.5	270	405	2	D1209400	40.0	360	555	4
D1209220	22.0	270	405	2	D1209410	41.0	360	555	4
D1209225	22.5	270	405	2	D1209420	42.0	360	555	4
D1209230	23.0	270	405	2	D1209430	43.0	385	585	4
D1209235	23.5	270	425	3	D1209440	44.0	385	585	4
D1209240	24.0	290	440	3	D1209450	45.0	385	585	4
D1209245	24.5	290	440	3	D1209460	46.0	385	585	4
D1209250	25.0	290	440	3	D1209470	47.0	385	585	4
D1209255	25.5	290	440	3	D1209480	48.0	405	605	4
D1209260	26.0	290	440	3	D1209490	49.0	405	605	4
D1209265	26.5	290	440	3	D1209500	50.0	405	605	4

◎：优(Excellent) ○：良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		



# YG MORSE TAPER SHANK DRILLS

## D1210 SERIES

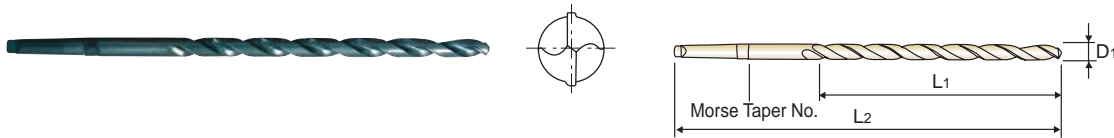
### HSS, 莫氏锥柄麻花钻头 HSS, MORSE TAPER SHANK TWIST DRILLS

超长

EXTRA LONG

- ▶ 表面处理：氧化发黑处理
- ▶ 应用：设计用于进行深孔和深定位孔的钻削，主要加工钢，铸铁合金及非合金，灰铸铁，可锻铸铁，球状石墨铸铁，可锻铸铁，铝和铝合金。

- ▶ Surface treatment : Steam Homo (Black Oxide Finish)
- ▶ Application : Designed for drilling deep holes or deeply located holes. Drilling into steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, Spheroidal graphite cast iron, sintered iron, aluminum and aluminum alloys.



DIN 1870/2
HSS
N 30°
1~4
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D1210130	13.0	260	395	1	D1210270	27.0	385	580	3
D1210135	13.5	275	410	1	D1210275	27.5	385	580	3
D1210140	14.0	275	410	1	D1210280	28.0	385	580	3
D1210145	14.5	275	425	2	D1210285	28.5	385	580	3
D1210150	15.0	275	425	2	D1210290	29.0	385	580	3
D1210155	15.5	295	445	2	D1210295	29.5	385	580	3
D1210160	16.0	295	445	2	D1210300	30.0	385	580	3
D1210165	16.5	295	445	2	D1210310	31.0	410	610	3
D1210170	17.0	295	445	2	D1210320	32.0	410	635	4
D1210175	17.5	310	465	2	D1210330	33.0	410	635	4
D1210180	18.0	310	465	2	D1210340	34.0	430	665	4
D1210185	18.5	310	465	2	D1210350	35.0	430	665	4
D1210190	19.0	310	465	2	D1210360	36.0	430	665	4
D1210195	19.5	325	490	2	D1210370	37.0	430	665	4
D1210200	20.0	325	490	2	D1210380	38.0	460	695	4
D1210205	20.5	325	490	2	D1210390	39.0	460	695	4
D1210210	21.0	325	490	2	D1210400	40.0	460	695	4
D1210215	21.5	345	515	2	D1210410	41.0	460	695	4
D1210220	22.0	345	515	2	D1210420	42.0	460	695	4
D1210225	22.5	345	515	2	D1210430	43.0	490	735	4
D1210230	23.0	345	515	2	D1210440	44.0	490	735	4
D1210235	23.5	345	535	3	D1210450	45.0	490	735	4
D1210240	24.0	365	555	3	D1210460	46.0	490	735	4
D1210245	24.5	365	555	3	D1210470	47.0	490	735	4
D1210250	25.0	365	555	3	D1210480	48.0	510	765	4
D1210255	25.5	365	555	3	D1210490	49.0	510	765	4
D1210260	26.0	365	555	3	D1210500	50.0	510	765	4
D1210265	26.5	365	555	3					

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# Y/G MORSE TAPER SHANK DRILLS

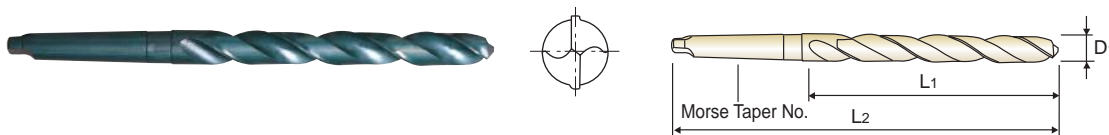
**D2201** SERIES

## HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

常规  
REGULAR

▶ 表面处理 : 氧化发黑处理  
▶ 应用 : 适用于钢, 铸铁合金, 非合金灰铸件, 可锻造铸件和石墨等材料的加工 含8%钴高速钢材料, 大大优越于一般高速钢。

▶ Surface treatment : Steam Homo (Black Oxide Finish)  
▶ Application : Cobalt 8% high speed steel-higher speed and feed, longer service life than HSS. Drilling in steel, cast steel alloyed and unalloyed grey cast iron, malleable cast iron, graphite.



HSS Co8
N 30°
1~5
h8
118°
P.226

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D2201130	13.0	115	198	1	D2201210	21.0	155	255	2
D2201132	13.2	118	202	1	D2201215	21.5	160	260	2
D2201135	13.5	118	202	1	D2201220	22.0	160	260	2
D2201138	13.8	122	205	1	D2201225	22.5	165	265	2
D2201140	14.0	122	205	1	D2201230	23.0	165	265	2
D2201145	14.5	122	222	2	D2201235	23.5	165	285	3
D2201150	15.0	125	225	2	D2201240	24.0	165	285	3
D2201155	15.5	128	228	2	D2201245	24.5	165	285	3
D2201160	16.0	130	230	2	D2201250	25.0	165	285	3
D2201165	16.5	132	232	2	D2201255	25.5	165	285	3
D2201170	17.0	135	235	2	D2201260	26.0	165	285	3
D2201175	17.5	140	240	2	D2201265	26.5	170	290	3
D2201180	18.0	140	240	2	D2201270	27.0	170	290	3
D2201185	18.5	145	245	2	D2201275	27.5	175	295	3
D2201190	19.0	145	245	2	D2201280	28.0	175	295	3
D2201195	19.5	150	250	2	D2201285	28.5	180	300	3
D2201200	20.0	150	250	2	D2201290	29.0	180	300	3
D2201205	20.5	155	255	2	D2201295	29.5	185	305	3

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

## D2201 SERIES

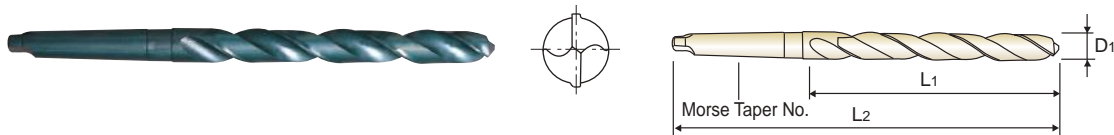
### HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

常规

REGULAR

- ▶ 表面处理：氧化发黑处理
- ▶ 应用：适用于钢、铸铁合金、非合金灰铸件、可锻造铸件和石墨等材料的加工。含8%钴高速钢材料，大大优越于一般高速钢。

- ▶ Surface treatment : Steam Homo (Black Oxide Finish)
- ▶ Application : Cobalt 8% high speed steel-higher speed and feed, longer service life than HSS. Drilling in steel, cast steel alloyed and unalloyed grey cast iron, malleable cast iron, graphite.



HSS Co8
N 30°
1~5
h8
118°
P.226

型号					型号				
EDP No.	Drill Diameter D1	Flute Length L1	Overall Length L2	No. of Morse Taper	EDP No.	Drill Diameter D1	Flute Length L1	Overall Length L2	No. of Morse Taper
D2201300	30.0	185	305	3	D2201450	45.0	230	375	4
D2201305	30.5	190	310	3	D2201460	46.0	235	380	4
D2201310	31.0	190	310	3	D2201470	47.0	235	380	4
D2201315	31.5	195	315	3	D2201480	48.0	240	385	4
D2201320	32.0	195	315	3	D2201490	49.0	240	385	4
D2201330	33.0	200	345	4	D2201500	50.0	245	390	4
D2201340	34.0	205	350	4	D2201510	51.0	245	425	5
D2201350	35.0	205	350	4	D2201520	52.0	250	430	5
D2201360	36.0	210	355	4	D2201530	53.0	250	430	5
D2201370	37.0	210	355	4	D2201540	54.0	255	435	5
D2201380	38.0	215	360	4	D2201550	55.0	255	435	5
D2201390	39.0	215	360	4	D2201560	56.0	260	440	5
D2201400	40.0	220	365	4	D2201570	57.0	260	440	5
D2201410	41.0	220	365	4	D2201580	58.0	265	445	5
D2201420	42.0	225	370	4	D2201590	59.0	265	445	5
D2201430	43.0	225	370	4	D2201600	60.0	270	450	5
D2201440	44.0	230	375	4					

单位(Unit) : mm

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA



**MORSE TAPER SHANK DRILLS**

**D2203 SERIES**

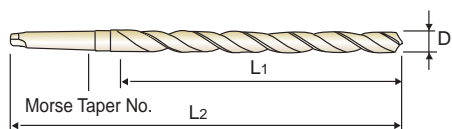
**HSSCo8, 莫氏锥柄麻花钻头**  
**HSSCo8, MORSE TAPER SHANK DRILLS**

长

LONG

- ▶ 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。

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



HSS Co8
N 30°
1~2
h8
118°
P.226

Overall Length : 300mm

单位(Unit) : mm

型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
	D1	L1	L2			D1	L1	L2	
D2203140	14.0	200	300	1	D2203190	19.0	175	300	2
D2203145	14.5	175	300	2	D2203195	19.5	175	300	2
D2203150	15.0	175	300	2	D2203200	20.0	175	300	2
D2203155	15.5	175	300	2	D2203205	20.5	175	300	2
D2203160	16.0	175	300	2	D2203210	21.0	175	300	2
D2203165	16.5	175	300	2	D2203215	21.5	175	300	2
D2203170	17.0	175	300	2	D2203220	22.0	175	300	2
D2203175	17.5	175	300	2	D2203225	22.5	175	300	2
D2203180	18.0	175	300	2	D2203230	23.0	175	300	2
D2203185	18.5	175	300	2					

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

◎ : 优(Excellent) ○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

# YG MORSE TAPER SHANK DRILLS

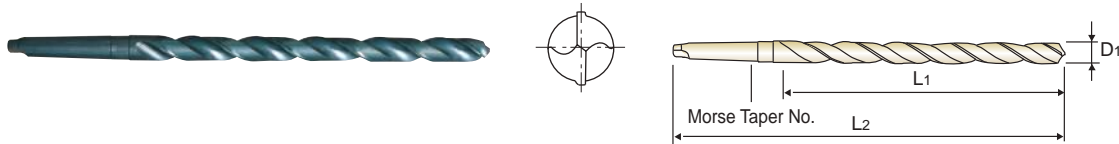
## D2202 SERIES

### HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

长  
LONG

- ▶ 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。

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



HSS Co8
N 30°
1~3
h8
118°
P.226

Overall Length : 350mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D2202140	14.0	225	350	1	D2202235	23.5	200	350	3
D2202145	14.5	225	350	2	D2202240	24.0	200	350	3
D2202150	15.0	225	350	2	D2202245	24.5	200	350	3
D2202155	15.5	225	350	2	D2202250	25.0	200	350	3
D2202160	16.0	225	350	2	D2202255	25.5	200	350	3
D2202165	16.5	225	350	2	D2202260	26.0	200	350	3
D2202170	17.0	225	350	2	D2202265	26.5	200	350	3
D2202175	17.5	225	350	2	D2202270	27.0	200	350	3
D2202180	18.0	225	350	2	D2202275	27.5	200	350	3
D2202185	18.5	225	350	2	D2202280	28.0	200	350	3
D2202190	19.0	225	350	2	D2202285	28.5	200	350	3
D2202195	19.5	225	350	2	D2202290	29.0	200	350	3
D2202200	20.0	225	350	2	D2202295	29.5	200	350	3
D2202205	20.5	225	350	2	D2202300	30.0	200	350	3
D2202210	21.0	225	350	2	D2202305	30.5	200	350	3
D2202215	21.5	225	350	2	D2202310	31.0	200	350	3
D2202220	22.0	225	350	2	D2202315	31.5	200	350	3
D2202225	22.5	225	350	2	D2202320	32.0	200	350	3
D2202230	23.0	225	350	2					

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

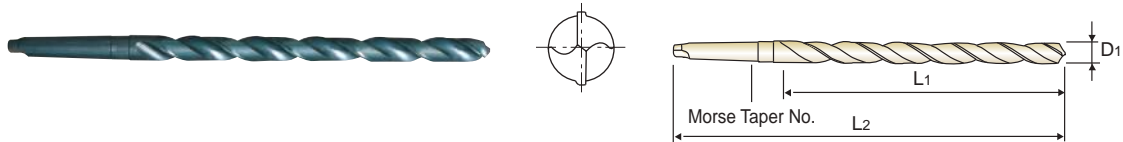
## D2204 SERIES

### HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

长  
LONG

- ▶ 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。

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



P.226

Overall Length : 400mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D2204145	14.5	250	400	2	D2204280	28.0	250	400	3
D2204150	15.0	250	400	2	D2204285	28.5	250	400	3
D2204155	15.5	250	400	2	D2204290	29.0	250	400	3
D2204160	16.0	250	400	2	D2204295	29.5	250	400	3
D2204165	16.5	250	400	2	D2204300	30.0	250	400	3
D2204170	17.0	250	400	2	D2204305	30.5	250	400	3
D2204175	17.5	250	400	2	D2204310	31.0	250	400	3
D2204180	18.0	250	400	2	D2204315	31.5	250	400	3
D2204185	18.5	250	400	2	D2204320	32.0	250	400	3
D2204190	19.0	250	400	2	D2204330	33.0	250	400	4
D2204195	19.5	250	400	2	D2204340	34.0	250	400	4
D2204200	20.0	250	400	2	D2204350	35.0	250	400	4
D2204205	20.5	250	400	2	D2204360	36.0	250	400	4
D2204210	21.0	250	400	2	D2204370	37.0	250	400	4
D2204215	21.5	250	400	2	D2204380	38.0	250	400	4
D2204220	22.0	250	400	2	D2204390	39.0	250	400	4
D2204225	22.5	250	400	2	D2204400	40.0	250	400	4
D2204230	23.0	250	400	2	D2204410	41.0	250	400	4
D2204235	23.5	250	400	3	D2204420	42.0	250	400	4
D2204240	24.0	250	400	3	D2204430	43.0	250	400	4
D2204245	24.5	250	400	3	D2204440	44.0	250	400	4
D2204250	25.0	250	400	3	D2204450	45.0	250	400	4
D2204255	25.5	250	400	3	D2204460	46.0	250	400	4
D2204260	26.0	250	400	3	D2204470	47.0	250	400	4
D2204265	26.5	250	400	3	D2204480	48.0	250	400	4
D2204270	27.0	250	400	3	D2204490	49.0	250	400	4
D2204275	27.5	250	400	3	D2204500	50.0	250	400	4

◎ : 优(Excellent) ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		



# YG MORSE TAPER SHANK DRILLS

## D2208 SERIES

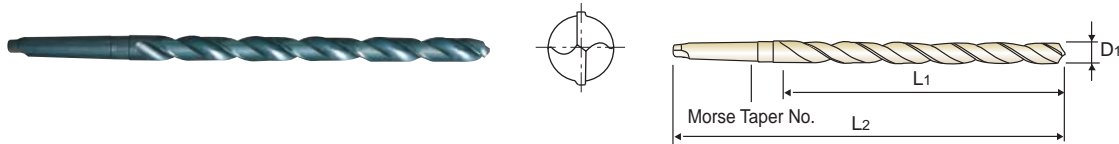
### HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

长

LONG

- ▶ 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。

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



HSS Co8
N 30°
2~4
h8
118°
P.226

Overall Length : 450mm

单位(Unit) : mm

型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
	D1	L1	L2			D1	L1	L2	
D2208145	14.5	300	450	2	D2208280	28.0	300	450	3
D2208150	15.0	300	450	2	D2208285	28.5	300	450	3
D2208155	15.5	300	450	2	D2208290	29.0	300	450	3
D2208160	16.0	300	450	2	D2208295	29.5	300	450	3
D2208165	16.5	300	450	2	D2208300	30.0	300	450	3
D2208170	17.0	300	450	2	D2208305	30.5	300	450	3
D2208175	17.5	300	450	2	D2208310	31.0	300	450	3
D2208180	18.0	300	450	2	D2208315	31.5	300	450	3
D2208185	18.5	300	450	2	D2208320	32.0	300	450	3
D2208190	19.0	300	450	2	D2208330	33.0	300	450	4
D2208195	19.5	300	450	2	D2208340	34.0	300	450	4
D2208200	20.0	300	450	2	D2208350	35.0	300	450	4
D2208205	20.5	300	450	2	D2208360	36.0	300	450	4
D2208210	21.0	300	450	2	D2208370	37.0	300	450	4
D2208215	21.5	300	450	2	D2208380	38.0	300	450	4
D2208220	22.0	300	450	2	D2208390	39.0	300	450	4
D2208225	22.5	300	450	2	D2208400	40.0	300	450	4
D2208230	23.0	300	450	2	D2208410	41.0	300	450	4
D2208235	23.5	300	450	3	D2208420	42.0	300	450	4
D2208240	24.0	300	450	3	D2208430	43.0	300	450	4
D2208245	24.5	300	450	3	D2208440	44.0	300	450	4
D2208250	25.0	300	450	3	D2208450	45.0	300	450	4
D2208255	25.5	300	450	3	D2208460	46.0	300	450	4
D2208260	26.0	300	450	3	D2208470	47.0	300	450	4
D2208265	26.5	300	450	3	D2208480	48.0	300	450	4
D2208270	27.0	300	450	3	D2208490	49.0	300	450	4
D2208275	27.5	300	450	3	D2208500	50.0	300	450	4

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎	○			○	○	○		○		

DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA

# YG MORSE TAPER SHANK DRILLS

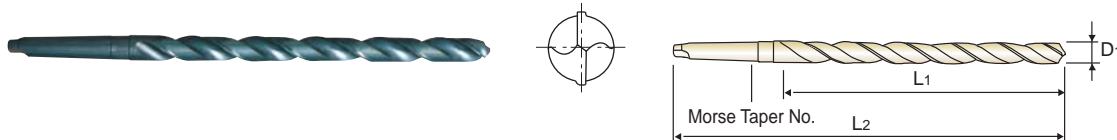
**D2207** SERIES

## HSSCo8, 莫氏锥柄麻花钻头 HSSCo8, MORSE TAPER SHANK DRILLS

长  
LONG

- ▶ 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。

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



HSS Co8
N 30°
2~4
h8
118°
P.226

Overall Length : 500mm

单位(Unit) : mm

型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper	型号 EDP No.	刃径 Drill Diameter D1	刃长 Flute Length L1	全长 Overall Length L2	莫氏锥度号 No. of Morse Taper
D2207145	14.5	350	500	2	D2207280	28.0	350	500	3
D2207150	15.0	350	500	2	D2207285	28.5	350	500	3
D2207155	15.5	350	500	2	D2207290	29.0	350	500	3
D2207160	16.0	350	500	2	D2207295	29.5	350	500	3
D2207165	16.5	350	500	2	D2207300	30.0	350	500	3
D2207170	17.0	350	500	2	D2207305	30.5	350	500	3
D2207175	17.5	350	500	2	D2207310	31.0	350	500	3
D2207180	18.0	350	500	2	D2207315	31.5	350	500	3
D2207185	18.5	350	500	2	D2207320	32.0	350	500	3
D2207190	19.0	350	500	2	D2207330	33.0	350	500	4
D2207195	19.5	350	500	2	D2207340	34.0	350	500	4
D2207200	20.0	350	500	2	D2207350	35.0	350	500	4
D2207205	20.5	350	500	2	D2207360	36.0	350	500	4
D2207210	21.0	350	500	2	D2207370	37.0	350	500	4
D2207215	21.5	350	500	2	D2207380	38.0	350	500	4
D2207220	22.0	350	500	2	D2207390	39.0	350	500	4
D2207225	22.5	350	500	2	D2207400	40.0	350	500	4
D2207230	23.0	350	500	2	D2207410	41.0	350	500	4
D2207235	23.5	350	500	3	D2207420	42.0	350	500	4
D2207240	24.0	350	500	3	D2207430	43.0	350	500	4
D2207245	24.5	350	500	3	D2207440	44.0	350	500	4
D2207250	25.0	350	500	3	D2207450	45.0	350	500	4
D2207255	25.5	350	500	3	D2207460	46.0	350	500	4
D2207260	26.0	350	500	3	D2207470	47.0	350	500	4
D2207265	26.5	350	500	3	D2207480	48.0	350	500	4
D2207270	27.0	350	500	3	D2207490	49.0	350	500	4
D2207275	27.5	350	500	3	D2207500	50.0	350	500	4

◎ : 优(Excellent)    ○ : 良(Good)

碳钢 Carbon Steels	合金钢 Alloy Steels	预硬钢 Prehardened Steels	硬化钢 Hardened Steels		铸铁 Cast Iron	铝 Aluminum	不锈钢 Stainless Steels	钛 Titanium	低碳钢 Mild Steels	铜 Copper	青铜 Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○	○	○		○		

# YG MORSE TAPER SHANK DRILLS

## DN221 SERIES

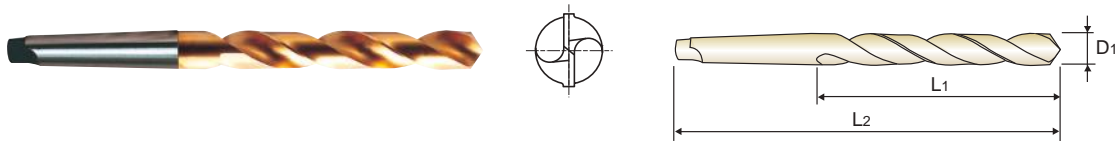
### HSS-E, 莫氏锥柄麻花钻 HSS-E, MORSE TAPER SHANK TWIST DRILLS

短

SHORT

▶ 应用：短长度设计适合在碳钢，不锈钢，铝等多种材料上进行高速钻削

▶ Application : Short length - designed for high speed drilling in wide range of materials like carbon steels, stainless steels and aluminum.



					单位(Unit) : mm				
型号	刃径	刃长	全长	莫氏锥度号	型号	刃径	刃长	全长	莫氏锥度号
EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper	EDP No.	Drill Diameter	Flute Length	Overall Length	No. of Morse Taper
TiN	D1	L1	L2		TiN	D1	L1	L2	
DN221130	13.0	65.5	146.5	1	DN221230	23.0	99.5	197.5	2
DN221135	13.5	69.5	150.5	1	DN221235	23.5	102.5	223.5	3
DN221140	14.0	69.5	150.5	1	DN221240	24.0	102.5	223.5	3
DN221145	14.5	73	171	2	DN221245	24.5	102.5	223.5	3
DN221150	15.0	73	171	2	DN221250	25.0	102.5	223.5	3
DN221155	15.5	77	175	2	DN221255	25.5	105	226	3
DN221160	16.0	77	175	2	DN221260	26.0	105	226	3
DN221165	16.5	80.5	178.5	2	DN221265	26.5	105	226	3
DN221170	17.0	80.5	178.5	2	DN221270	27.0	108.5	229.5	3
DN221175	17.5	83.5	181.5	2	DN221275	27.5	108.5	229.5	3
DN221180	18.0	83.5	181.5	2	DN221280	28.0	108.5	229.5	3
DN221185	18.5	86.5	184.5	2	DN221285	28.5	111	232	3
DN221190	19.0	86.5	184.5	2	DN221290	29.0	111	232	3
DN221195	19.5	90	188	2	DN221295	29.5	111	232	3
DN221200	20.0	90	188	2	DN221300	30.0	111	232	3
DN221205	20.5	93	191	2	DN221305	30.5	114	235	3
DN221210	21.0	93	191	2	DN221310	31.0	114	235	3
DN221215	21.5	95.5	193.5	2	DN221315	31.5	114	235	3
DN221220	22.0	95.5	193.5	2	DN221320	32.0	114	235	3
DN221225	22.5	99.5	197.5	2					

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRc45~55	HRc55~							
◎	◎				○	○	○		○		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA



**MORSE TAPER SHANK DRILLS**

推荐的切削条件

RECOMMENDED CUTTING CONDITIONS

**HSS-E, 莫氏锥柄麻花钻, TiN涂层**

**HSS-E, MORSE TAPER SHANK TWIST DRILLS, TiN COATED**

**DN221 SERIES**

单位(Unit) : mm

被加工材料 WORK MATERIAL	碳钢 CARBON STEELS		合金钢 ALLOY STEELS		工具钢, 合金钢 TOOL STEELS, ALLOY STEELS		铸铁, 工具钢 CAST IRON TOOL STEELS		铝合金, 镁合金 ALUMINUM ALLOYS MAGNESIUM ALLOYS	
	N	S	N	S	N	S	N	S	N	S
DIAMETER										
14.0	455	0.25	415	0.25	200	0.25	1980	0.29	1980	0.51
16.0	430	0.27	390	0.27	175	0.27	1730	0.30	1730	0.55
18.0	370	0.31	350	0.31	155	0.31	1570	0.33	1570	0.57
20.0	330	0.33	290	0.33	140	0.33	1320	0.36	1320	0.62
22.0	305	0.36	280	0.36	132	0.36	1240	0.37	1240	0.68
24.0	290	0.37	250	0.37	125	0.37	1150	0.42	1150	0.72
26.0	265	0.40	230	0.40	105	0.40	1070	0.43	1070	0.75
28.0	250	0.43	215	0.43	100	0.43	990	0.45	990	0.79
30.0	230	0.45	200	0.45	88	0.45	910	0.53	910	0.83
32.0	215	0.49	190	0.49	88	0.49	785	0.53	785	0.86

N = R.P.M  
S = Feed per Revolution (mm/rev.)

**HSS钻头 DIN345, DIN341, DIN1870**

**HSS DRILLS DIN345, DIN341, DIN1870**

**D1205, D1206, D1209, D1210, D1201, D1203, D1202, D1204, D1208**

**D1207, D2201, D2203, D2202, D2204, D2208, D2207 SERIES**

单位(Unit) : mm

被加工材料 WORK MATERIAL	碳钢 CARBON STEELS		碳钢 CARBON STEELS		碳钢 CARBON STEELS		合金钢 ALLOY STEELS		合金钢 ALLOY STEELS		不锈钢 STAINLESS STEELS		钛合金 TITANIUM ALLOYS	
	N	S	N	S	N	S	N	S	N	S	N	S	N	S
HARDNESS			~ HRC23		~ HRC23 ~ 28		HRC23 ~ 34		HRC34 ~ 38		HRC23			
STRENGTH	~ 570 N/mm <sup>2</sup>		~ 830 N/mm <sup>2</sup>		830 ~ 950 N/mm <sup>2</sup>		830 ~ 1110 N/mm <sup>2</sup>		1110 ~ 1260 N/mm <sup>2</sup>		830 N/mm <sup>2</sup>		410 N/mm <sup>2</sup>	
DIAMETER														
13.0	645	0.17	480	0.17	370	0.09	440	0.20	265	0.05	480	0.17	265	0.09
19.0	440	0.23	330	0.23	255	0.13	300	0.23	180	0.05	330	0.23	180	0.13
32.0	260	0.28	195	0.28	145	0.18	180	0.18	107	0.08	195	0.28	107	0.18
50.0	165	0.33	125	0.33	93	0.20	115	0.20	68	0.08	125	0.33	68	0.20
60.0	140	0.40	105	0.40	78	0.23	95	0.23	57	0.10	105	0.40	57	0.23

被加工材料 WORK MATERIAL	工具钢 TOOL STEELS		铸铁 CAST IRON		铝合金 ALUMINUM ALLOYS		镁合金 MAGNESIUM ALLOYS		锌合金 ZINC ALLOYS		塑料 PLASTICS	
	N	S	N	S	N	S	N	S	N	S	N	S
HARDNESS			~ HRC21									
STRENGTH	~ 270 N/mm <sup>2</sup>		~ 800 N/mm <sup>2</sup>									
DIAMETER												
13.0	645	0.17	480	0.17	1200	0.26	1600	0.26	1200	0.26	645	0.17
19.0	440	0.23	330	0.23	820	0.30	1100	0.30	820	0.30	440	0.23
32.0	240	0.30	195	0.28	490	0.38	660	0.38	490	0.38	260	0.28
50.0	150	0.43	125	0.33	310	0.46	415	0.46	310	0.46	165	0.33
60.0	125	0.48	105	0.40	260	0.50	345	0.50	260	0.50	140	0.40

N = R.P.M  
S = Feed per Revolution (mm/rev.)

i-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA