

Drill bits are used for drilling holes in various materials. They are available in different sizes and materials, such as high-speed steel (HSS) and carbide. The choice of drill bit depends on the material being drilled and the required hole diameter and depth. Drill bits are essential tools for metalworking and construction.

Drill bit types:

- \* High-speed steel (HSS) drill bits
- \* Carbide drill bits
- \* Chamfer-Din drill bits
- \* Twist drill bits
- \* Double-flute drill bits
- \* Single-flute drill bits
- \* Flute drill bits
- \* Double-flute drill bits 2 types



# 牌号一览表

## Grade for Rod

牌号 (Grade)	WC/%	CO +其他 /%	晶粒度 Grain size (um)	密度 Density (g/cm <sup>3</sup> )±0.1	硬度 Hardness (HRA) ±0.5	硬度 Hardness HV30	抗弯强度 /TRS (kgf/mm <sup>2</sup> )	断裂韧性 KIC MNm-3/2	ISO 分类
H11F	89	11	1.0	14.3	91.3	1510	≥ 350	11.0	K20-K30
H10F	90	10	0.8	14.4	91.8	1580	≥ 380	10.8	K20-K40
H10S	90	10	0.6	14.4	92.1	1630	≥ 350	9.9	K20-K40
H12U	88	12	0.4	14.3	92.5	1690	≥ 350	9.4	K20-K40
H12U-T	88	12	0.3	14.3	93.0	1800	≥ 350	9.6	K20-K40
H08U-K	92	8	0.4	14.7	93.2	1900	≥ 350	9.0	K10-K20
H09U-T	91	9	0.3	14.5	94.0	2050	≥ 350	9.2	K05-K10
H06U	94	6	0.4	14.85	94.0	2050	≥ 380	8.7	K05-K10

# 牌号推荐

## Grade Selection Guide

(●优先推荐、○次选)

被加工材料		刀具种类	H11F	H10F	H10S	H12U	H12U-T	H08U-K	H09U-T	H06U
P	钢	钻头		●	●					
		粗铣		●	●	○				
		精铣			○	●	○	○		
K	铸铁	钻头		●	●					
		粗铣		●	●					
		精铣			○			●		
H	高硬材料	钻头		○	●					
		粗铣			○	●	○			
		精铣				○	●	●	●	●
M	不锈钢	钻头		○	●					
		粗铣	●		●	○	○			
		精铣				○	●	●	●	
S	钛合金 高温合金	钻头			●					
		粗铣	●		●	○	○			
		精铣					○	●	●	
N	铝合金 铜合金	钻头		○	●			●	●	
		粗铣		○	○	○	○	●	●	
		精铣		○	○	○	○	●	●	
其他 (others)	复合材料 (工程树脂)	钻头			●			○	○	●
		粗铣						●	●	
		精铣						●	●	