



# 整体硬质合金钻头

Solid Carbide Drill Bits



**株洲圣达切削刀具有限公司**  
ZHUSHOU SANT CUTTING TOOLS CO.,LTD.

## INTRODUCTION 公司简介

株洲圣达切削刀具有限公司是一家专业设计、制造及销售数控刀具及硬质合金产品的工厂。公司位于中国硬质合金生产基地-株洲。公司目前主要产品有：数控车刀、数控铣刀、孔加工刀具、数控刀片、工具系统及各类硬质合金制品。

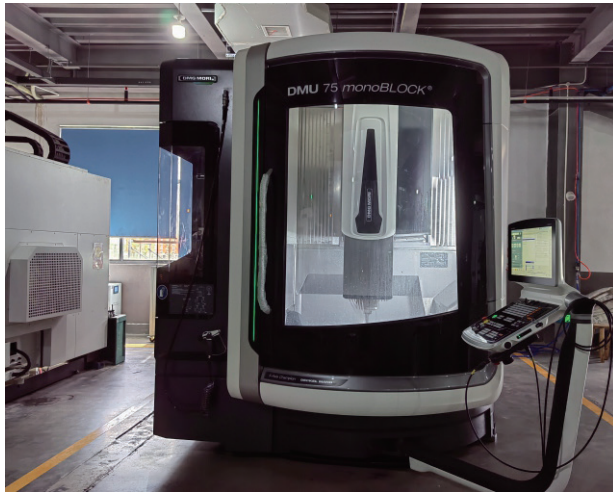


公司拥有强大的设计团队，通过了ISO9001质量管理体系认证；采用ERP系统进行高效准确的管理；拥有包括DMG、MAZAK五轴联动高精度加工中心，ANCA五轴联动高精度磨削中心，ZEISS三坐标高精度检测仪在内的多台数控加工设备以及各种检测设备；同时与包括NIHONG-TECHNO热处理公司在内的多家优秀供应商建立了协作关系，以确保“SANT”系列产品的质量始终处于行业领先水平。

公司拥有多年的设计及制造数控刀具及硬质合金产品的经验，能够为客户提供各类非标刀具，也能为您提供整套产品加工所需的刀具配套方案及各类硬质合金制品。公司秉承“质量第一，服务至上”的理念，与全世界许多客户建立了长期友好的合作。

Zhuzhou Sant Cutting Tools Co., Ltd is a modern joint-stock company specializing in the designing, producing and selling of CNC cutting tools and cemented carbide tools. Located in Zhuzhou, one of the biggest manufacturing bases of cemented carbide cutting tools in China, our company mainly produces various cnc turning tools, milling tools, drilling tools, cnc inserts, tooling systems and various cemented carbide tools.





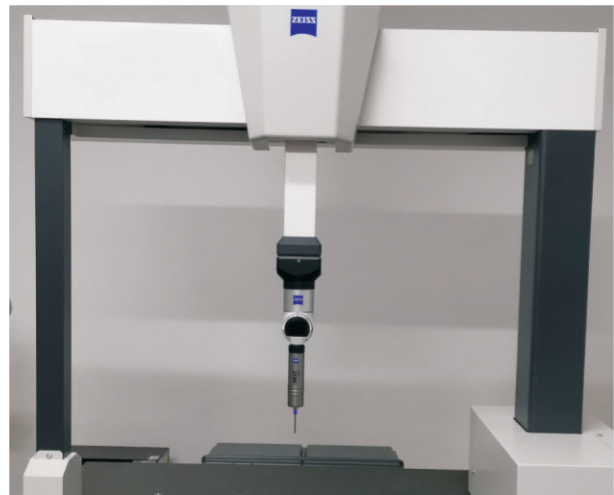
· DMG五轴联动高精度加工中心



· MAZAK五轴联动高精度加工中心



· ANCA五轴联动高精度磨削中心



· ZEISS三坐标高精度检测仪

We have strong design team and complete quality-testing system and have passed the ISO9001 Certification of Quality Management System. Besides, ERP system is adopted to improve the efficient and accurate management. More importantly, we have various kinds of processing equipment, including DMG、MAZAK five-axis linkage high precision machining center, ANCA five-axis linkage high precision grinding center. In order to make sure the quality of "SANT" series products always stands at the front of the industry, we have established collaboration relationships with many outstanding suppliers including NIHONG TECHNO - the heat treatment company.

With the experience of designing and manufacturing cnc cutting tools for many years, we can provide customers with various non-standard tool holders, and can also provide a complete set of supporting scheme for required tools during the processing as well as various carbide tools. In accordance with the principle "Quality First, Service Supreme", we have established long-term friendly cooperation relationships with many customers all over the world.

## 整体硬质合金钻头命名规则 Solid carbide drills code key

刀具类型 Type to tool	
SD	General-purpose twist drill 通用加工麻花钻
TD	For Soft Steel And Stainless Steel 软钢、不锈钢加工麻花钻

冷却方式 Mode of cooling	
C	Inner coolant 内冷
缺省 Default	Outer coolant 外冷

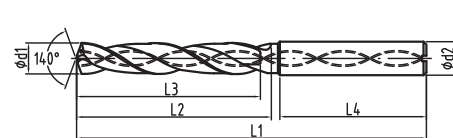
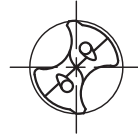
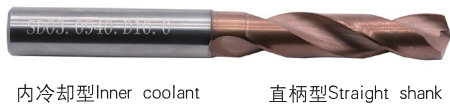
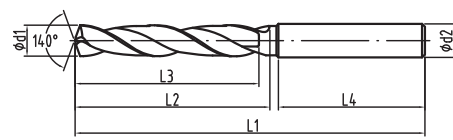
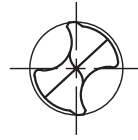
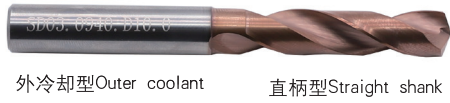
钻头柄部直径 shank diameter



长度系列 Length code	
03	3d
05	5d
08	8d

规格 Specification	
0600	钻头直径 drill diameter

### SD系列通用加工 SD Series For General Use



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
3.0	3	外冷 Outer coolant	直柄 Straight shank	SD03.0300.D6.0	6	62	20	14	36			●
	5	外冷 Outer coolant		SD05.0300.D6.0	6	66	28	23	36			●
	3	内冷 Inner coolant		SD03C.0300.D6.0	6	62	20	14	36			●
	5	内冷 Inner coolant		SD05C.0300.D6.0	6	66	28	23	36			●
	8	外冷 Outer coolant		SD08C.0300.D6.0	6	72	34	29	36			●
3.1	3	外冷 Outer coolant		SD03.0310.D4.0	4	62	20	14	36			●
	5	外冷 Outer coolant		SD05.0310.D4.0	4	66	28	23	36			●
	3	内冷 Inner coolant		SD03C.0310.D4.0	4	62	20	14	36			●
	5	内冷 Inner coolant		SD05C.0310.D4.0	4	66	28	23	36			●
	3	外冷 Outer coolant		SD03.0310.D6.0	6	62	20	14	36			○
	5	外冷 Outer coolant	SD05.0310.D6.0	6	66	28	23	36			○	
	3	内冷 Inner coolant	SD03C.0310.D6.0	6	62	20	14	36			○	
	5	内冷 Inner coolant	SD05C.0310.D6.0	6	66	28	23	36			○	
	8	外冷 Outer coolant	SD08C.0310.D6.0	6	72	34	29	36			○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

● 常备库存 Stock available ○ 按订单生产 Make-to-order

### 被加工材料适用表 Applicable workpiece material table

◎ 非常适合 Very suitable ○ 适合 Suitable

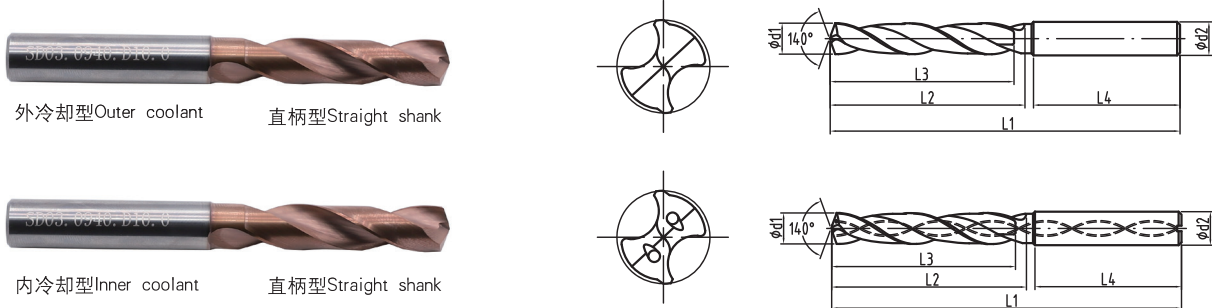
被加工材料 Workpiece material										
软钢 Mild steel HB ≤ 180	碳钢 Carbon steel 合金钢 Alloy steel	预硬钢、淬硬钢 Pre-hardened steel, Hardened steel			不锈钢 Stainless steel	铸铁 Cast iron	球墨铸铁 Nodular Cast iron	铝合金 Aluminum alloy	铜合金 Copper alloy	耐热合金 Heat resistant alloy
		~40HRC	~50HRC	~60HRC						
○	◎	◎			○	◎	◎			○

# 钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-processing Tools

## SD系列通用加工 SD Series For General Use



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 l/d	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
3.15	3	外冷 Outer coolant	直柄 Straight shank	SD03.0315.D4.0	4	62	20	14	36	NO.6-32UNC	●	
	5	外冷 Outer coolant		SD05.0315.D4.0	4	66	28	23	36		●	
	3	内冷 Inner coolant		SD03C.0315.D4.0	4	62	20	14	36		●	
	5	内冷 Inner coolant		SD05C.0315.D4.0	4	66	28	23	36		●	
	3	外冷 Outer coolant		SD03.0315.D6.0	6	62	20	14	36		○	
	5	外冷 Outer coolant		SD05.0315.D6.0	6	66	28	23	36		○	
	3	内冷 Inner coolant		SD03C.0315.D6.0	6	62	20	14	36		○	
	5	内冷 Inner coolant		SD05C.0315.D6.0	6	66	28	23	36		○	
3.2	3	外冷 Outer coolant		SD03.0320.D4.0	4	62	20	14	36	NO.6-40UNF	●	
	5	外冷 Outer coolant		SD05.0320.D4.0	4	66	28	23	36		●	
	3	内冷 Inner coolant		SD03C.0320.D4.0	4	62	20	14	36		●	
	5	内冷 Inner coolant		SD05C.0320.D4.0	4	66	28	23	36		●	
	3	外冷 Outer coolant		SD03.0320.D6.0	6	62	20	14	36		○	
	5	外冷 Outer coolant		SD05.0320.D6.0	6	66	28	23	36		○	
	3	内冷 Inner coolant		SD03C.0320.D6.0	6	62	20	14	36		○	
	5	内冷 Inner coolant		SD05C.0320.D6.0	6	66	28	23	36		○	
3.25	8	内冷 Inner coolant	SD08C.0320.D6.0	6	72	34	29	36	○			
	3	外冷 Outer coolant	SD03.0325.D4.0	4	62	20	14	36	NO.6-32UNC	●		
	5	外冷 Outer coolant	SD05.0325.D4.0	4	66	28	23	36		●		
	3	内冷 Inner coolant	SD03C.0325.D4.0	4	62	20	14	36		●		
	5	内冷 Inner coolant	SD05C.0325.D4.0	4	66	28	23	36		●		
	3	外冷 Outer coolant	SD03.0325.D6.0	6	62	20	14	36		○		
	5	外冷 Outer coolant	SD05.0325.D6.0	6	66	28	23	36		○		
	3	内冷 Inner coolant	SD03C.0325.D6.0	6	62	20	14	36		○		
5	内冷 Inner coolant	SD05C.0325.D6.0	6	66	28	23	36	○				

● 常备库存 Stock available ○ 按订单生产 Make-to-order

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
3.3	3	外冷 Outer coolant	直柄 Straight shank	SD03.0330.D4.0	4	62	20	14	36	M4×0.7	●	
	5	SD05.0330.D4.0		4	66	28	23	36	●			
	3	内冷 Inner coolant		SD03C.0330.D4.0	4	62	20	14	36		●	
	5	SD05C.0330.D4.0		4	66	28	23	36	●			
	3	外冷 Outer coolant		SD03.0330.D6.0	6	62	20	14	36		○	
	5	SD05.0330.D6.0		6	66	28	23	36	○			
	3	内冷 Inner coolant		SD03C.0330.D6.0	6	62	20	14	36		○	
	5	SD05C.0330.D6.0		6	66	28	23	36	○			
3.4	8	SD08C.0330.D6.0		6	72	34	29	36	○			
	3	外冷 Outer coolant		SD03.0340.D4.0	4	62	20	14	36	●		
	5	SD05.0340.D4.0		4	66	28	23	36	●			
	3	内冷 Inner coolant		SD03C.0340.D4.0	4	62	20	14	36	●		
	5	SD05C.0340.D4.0		4	66	28	23	36	●			
	3	外冷 Outer coolant		SD03.0340.D6.0	6	62	20	14	36	○		
	5	SD05.0340.D6.0		6	66	28	23	36	○			
	3	内冷 Inner coolant		SD03C.0340.D6.0	6	62	20	14	36	○		
3.5	5	SD05C.0340.D6.0		6	66	28	23	36	○			
	8	SD08C.0340.D6.0		6	72	34	29	36	○			
	3	外冷 Outer coolant		SD03.0350.D4.0	4	62	20	14	36	●		
	5	SD05.0350.D4.0		4	66	28	23	36	●			
	3	内冷 Inner coolant		SD03C.0350.D4.0	4	62	20	14	36	●		
	5	SD05C.0350.D4.0		4	66	28	23	36	●			
	3	外冷 Outer coolant		SD03.0350.D6.0	6	62	20	14	36	○		
	5	SD05.0350.D6.0		6	66	28	23	36	○			
3.6	3	内冷 Inner coolant	SD03C.0350.D6.0	6	62	20	14	36	○			
	5	SD05C.0350.D6.0	6	66	28	23	36	○				
	8	SD08C.0350.D6.0	6	72	34	29	36	○				
	3	外冷 Outer coolant	SD03.0360.D4.0	4	62	20	14	36	●			
	5	SD05.0360.D4.0	4	66	28	23	36	●				
	3	内冷 Inner coolant	SD03C.0360.D4.0	4	62	20	14	36	●			
	5	SD05C.0360.D4.0	4	66	28	23	36	●				
	3	外冷 Outer coolant	SD03.0360.D6.0	6	62	20	14	36	○			
3.6	5	SD05.0360.D6.0	6	66	28	23	36	○				
	3	内冷 Inner coolant	SD03C.0360.D6.0	6	62	20	14	36	○			
	5	SD05C.0360.D6.0	6	66	28	23	36	○				
	8	SD08C.0360.D6.0	6	72	34	29	36	○				

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

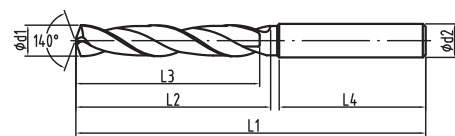
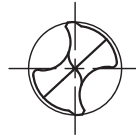


孔加工刀具 Hole-processing Tools

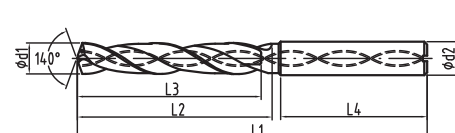
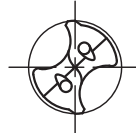
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
3.7	3	外冷 Outer coolant	直柄 Straight shank	SD03.0370.D4.0	4	62	20	14	36			●
	5	外冷 Outer coolant		SD05.0370.D4.0	4	66	28	23	36			●
	3	内冷 Inner coolant		SD03C.0370.D4.0	4	62	20	14	36			●
	5	内冷 Inner coolant		SD05C.0370.D4.0	4	66	28	23	36			●
	3	外冷 Outer coolant		SD03.0370.D6.0	6	62	20	14	36		M4×0.7	○
	5	外冷 Outer coolant		SD05.0370.D6.0	6	66	28	23	36		M4×0.7	○
	3	内冷 Inner coolant		SD03C.0370.D6.0	6	62	20	14	36		M4×0.7	○
	5	内冷 Inner coolant		SD05C.0370.D6.0	6	66	28	23	36		M4×0.7	○
3.8	8	内冷 Inner coolant		SD08C.0370.D6.0	6	72	34	29	36		M4×0.7	○
	3	外冷 Outer coolant		SD03.0380.D4.0	4	66	24	17	36		M4×0.5 NO.8-32UNC	●
	5	外冷 Outer coolant		SD05.0380.D4.0	4	74	36	29	36			●
	3	内冷 Inner coolant		SD03C.0380.D4.0	4	66	24	17	36			●
	5	内冷 Inner coolant		SD05C.0380.D4.0	4	74	36	29	36			●
	3	外冷 Outer coolant		SD03.0380.D6.0	6	66	24	17	36			○
	5	外冷 Outer coolant		SD05.0380.D6.0	6	74	36	29	36			○
	3	内冷 Inner coolant		SD03C.0380.D6.0	6	66	24	17	36			○
3.85	5	内冷 Inner coolant	SD05C.0380.D6.0	6	74	36	29	36		○		
	8	内冷 Inner coolant	SD08C.0380.D6.0	6	81	43	36	36		○		
	3	外冷 Outer coolant	SD03.0385.D4.0	4	66	24	17	36		NO.8-36UNF		●
	5	外冷 Outer coolant	SD05.0385.D4.0	4	74	36	29	36				●
	3	内冷 Inner coolant	SD03C.0385.D4.0	4	66	24	17	36				●
	5	内冷 Inner coolant	SD05C.0385.D4.0	4	74	36	29	36				●
	3	外冷 Outer coolant	SD03.0385.D6.0	6	66	24	17	36				○
	5	外冷 Outer coolant	SD05.0385.D6.0	6	74	36	29	36				○
3	内冷 Inner coolant	SD03C.0385.D6.0	6	66	24	17	36		○			
5	内冷 Inner coolant	SD05C.0385.D6.0	6	74	36	29	36		○			

● 常备库存 Stock available ○ 按订单生产 Make-to-order





钻头直径 d <sub>1</sub> (m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>			
3.9	3	外冷 Outer coolant	直柄 Straight shank	SD03.0390.D4.0	4	66	24	17	36	NO.10-24UNC		●
	5	外冷 Outer coolant		SD05.0390.D4.0	4	74	36	29	36			●
	3	内冷 Inner coolant		SD03C.0390.D4.0	4	66	24	17	36			●
	5	内冷 Inner coolant		SD05C.0390.D4.0	4	74	36	29	36			●
	3	外冷 Outer coolant		SD03.0390.D6.0	6	66	24	17	36			○
	5	外冷 Outer coolant		SD05.0390.D6.0	6	74	36	29	36			○
	3	内冷 Inner coolant		SD03C.0390.D6.0	6	66	24	17	36			○
	5	内冷 Inner coolant		SD05C.0390.D6.0	6	74	36	29	36			○
4.0	8	内冷 Inner coolant		SD08C.0390.D6.0	6	81	43	36	36		○	
	3	外冷 Outer coolant		SD03.0400.D4.0	4	66	24	17	36		●	
	5	外冷 Outer coolant		SD05.0400.D4.0	4	74	36	29	36		●	
	3	内冷 Inner coolant		SD03C.0400.D4.0	4	66	24	17	36		●	
	5	内冷 Inner coolant		SD05C.0400.D4.0	4	74	36	29	36		●	
	3	外冷 Outer coolant		SD03.0400.D6.0	6	66	24	17	36		○	
	5	外冷 Outer coolant		SD05.0400.D6.0	6	74	36	29	36		○	
	3	内冷 Inner coolant		SD03C.0400.D6.0	6	66	24	17	36		○	
4.1	5	内冷 Inner coolant	SD05C.0400.D6.0	6	74	36	29	36		○		
	8	内冷 Inner coolant	SD08C.0400.D6.0	6	81	43	36	36		○		
	3	外冷 Outer coolant	SD03.0410.D6.0	6	66	24	17	36	NO.10-32UNF		●	
	5	外冷 Outer coolant	SD05.0410.D6.0	6	74	36	29	36			●	
	3	内冷 Inner coolant	SD03C.0410.D6.0	6	66	24	17	36			●	
5	内冷 Inner coolant	SD05C.0410.D6.0	6	74	36	29	36			●		
8	内冷 Inner coolant	SD08C.0410.D6.0	6	81	43	36	36			○		
4.2	3	外冷 Outer coolant	SD03.0420.D6.0	6	66	24	17	36	M5×0.8		●	
	5	外冷 Outer coolant	SD05.0420.D6.0	6	74	36	29	36			●	
	3	内冷 Inner coolant	SD03C.0420.D6.0	6	66	24	17	36			●	
	5	内冷 Inner coolant	SD05C.0420.D6.0	6	74	36	29	36			●	
	8	内冷 Inner coolant	SD08C.0420.D6.0	6	81	43	36	36			○	
4.3	3	外冷 Outer coolant	SD03.0430.D6.0	6	66	24	17	36		●		
	5	外冷 Outer coolant	SD05.0430.D6.0	6	74	36	29	36		●		
	3	内冷 Inner coolant	SD03C.0430.D6.0	6	66	24	17	36		●		
	5	内冷 Inner coolant	SD05C.0430.D6.0	6	74	36	29	36		●		
4.35	8	内冷 Inner coolant	SD08C.0430.D6.0	6	81	43	36	36		○		
	3	外冷 Outer coolant	SD03.0435.D6.0	6	66	24	17	36	NO.10-24UNC		●	
	5	外冷 Outer coolant	SD05.0435.D6.0	6	74	36	29	36			●	
	3	内冷 Inner coolant	SD03C.0435.D6.0	6	66	24	17	36			●	
5	内冷 Inner coolant	SD05C.0435.D6.0	6	74	36	29	36			●		

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h<sub>5</sub>.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

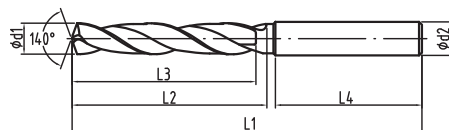
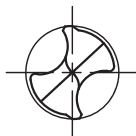


孔加工刀具 Hole-processing Tools

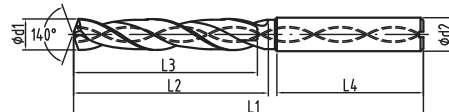
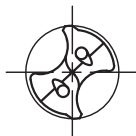
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock			
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀	挤压丝锥 forming taps				
					d2(h6)	l1	l2	l3	l4						
4.4	3	外冷 Outer coolant	直柄 Straight shank	SD03.0440.D6.0	6	66	24	17	36	NO.10-32UNF		●			
	5			SD05.0440.D6.0	6	74	36	29	36			●			
	3	内冷 Inner coolant		SD03C.0440.D6.0	6	66	24	17	36			●			
	5			SD05C.0440.D6.0	6	74	36	29	36			●			
	8			SD08C.0440.D6.0	6	81	43	36	36			○			
4.45	3	外冷 Outer coolant		SD03.0445.D6.0	6	66	24	17	36			NO.12-24UNC	M5×0.5		●
	5			SD05.0445.D6.0	6	74	36	29	36						●
	3	内冷 Inner coolant		SD03C.0445.D6.0	6	66	24	17	36						●
	5			SD05C.0445.D6.0	6	74	36	29	36						●
	8			SD08C.0445.D6.0	6	81	43	36	36						○
4.5	3	外冷 Outer coolant	SD03.0450.D6.0	6	66	24	17	36	NO.12-24UNC	M5×0.5					●
	5		SD05.0450.D6.0	6	74	36	29	36							●
	3	内冷 Inner coolant	SD03C.0450.D6.0	6	66	24	17	36							●
	5		SD05C.0450.D6.0	6	74	36	29	36							●
	8		SD08C.0450.D6.0	6	81	43	36	36							○
4.6	3	外冷 Outer coolant	SD03.0460.D6.0	6	66	24	17	36				NO.12-24UNC	M5×0.5		●
	5		SD05.0460.D6.0	6	74	36	29	36							●
	3	内冷 Inner coolant	SD03C.0460.D6.0	6	66	24	17	36							●
	5		SD05C.0460.D6.0	6	74	36	29	36							●
	8		SD08C.0460.D6.0	6	81	43	36	36							○
4.65	3	外冷 Outer coolant	SD03.0465.D6.0	6	66	24	17	36	NO.12-24UNC	M5×0.8					●
	5		SD05.0465.D6.0	6	74	36	29	36							●
	3	内冷 Inner coolant	SD03C.0465.D6.0	6	66	24	17	36							●
	5		SD05C.0465.D6.0	6	74	36	29	36							●
	8		SD08C.0465.D6.0	6	81	43	36	36							○

● 常备库存 Stock available ○ 按订单生产 Make-to-order

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
4.7	3	外冷 Outer coolant	直柄 Straight shank	SD03.0470.D6.0	6	66	24	17	36	NO.12-28UNF		●
	5			SD05.0470.D6.0	6	74	36	29	36			●
	3	内冷 Inner coolant		SD03C.0470.D6.0	6	66	24	17	36			●
	5			SD05C.0470.D6.0	6	74	36	29	36			●
	8			SD08C.0470.D6.0	6	81	43	36	36			○
4.8	3	外冷 Outer coolant		SD03.0480.D6.0	6	66	28	20	36		M5×0.5	●
	5			SD05.0480.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0480.D6.0	6	66	28	20	36			●
	5			SD05C.0480.D6.0	6	82	44	35	36			●
	8			SD08C.0480.D6.0	6	95	57	48	36			○
4.9	3	外冷 Outer coolant	SD03.0490.D6.0	6	66	28	20	36			●	
	5		SD05.0490.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0490.D6.0	6	66	28	20	36			●	
	5		SD05C.0490.D6.0	6	82	44	35	36			●	
	8		SD08C.0490.D6.0	6	95	57	48	36			○	
5.0	3	外冷 Outer coolant	SD03.0500.D6.0	6	66	28	20	36	M6×1	NO.12-24UNC	●	
	5		SD05.0500.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0500.D6.0	6	66	28	20	36			●	
	5		SD05C.0500.D6.0	6	82	44	35	36			●	
	8		SD08C.0500.D6.0	6	95	57	48	36			○	
5.1	3	外冷 Outer coolant	SD03.0510.D6.0	6	66	28	20	36	1/4-20UNC	NO.12-28UNF	●	
	5		SD05.0510.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0510.D6.0	6	66	28	20	36			●	
	5		SD05C.0510.D6.0	6	82	44	35	36			●	
	8		SD08C.0510.D6.0	6	95	57	48	36			○	
5.2	3	外冷 Outer coolant	SD03.0520.D6.0	6	66	28	20	36			●	
	5		SD05.0520.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0520.D6.0	6	66	28	20	36			●	
	5		SD05C.0520.D6.0	6	82	44	35	36			●	
	8		SD08C.0520.D6.0	6	95	57	48	36			○	
5.25	3	外冷 Outer coolant	SD03.0525.D6.0	6	66	28	20	36	M6×0.75		●	
	5		SD05.0525.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0525.D6.0	6	66	28	20	36			●	
	5		SD05C.0525.D6.0	6	82	44	35	36			●	
5.3	3	外冷 Outer coolant	SD03.0530.D6.0	6	66	28	20	36			●	
	5		SD05.0530.D6.0	6	82	44	35	36			●	
	3	内冷 Inner coolant	SD03C.0530.D6.0	6	66	28	20	36			●	
	5		SD05C.0530.D6.0	6	82	44	35	36			●	
	8		SD08C.0530.D6.0	6	95	57	48	36			○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

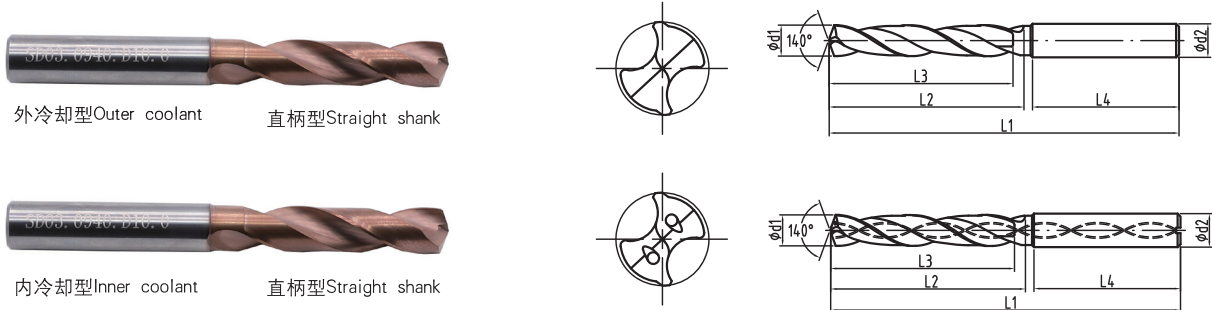
●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-processing Tools

## SD系列通用加工 SD Series For General Use



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d <sub>1</sub> (m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock		
					柄径 d <sub>2</sub> (h6)	总长 l <sub>1</sub>	槽长 l <sub>2</sub>	推荐钻深 l <sub>3</sub>	柄长 l <sub>4</sub>	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps			
5.4	3	外冷 Outer coolant	直柄 Straight shank	SD03.0540.D6.0	6	66	28	20	36	1/4-28UNF		●		
	5			SD05.0540.D6.0	6	82	44	35	36			●		
	3	内冷 Inner coolant		SD03C.0540.D6.0	6	66	28	20	36			●		
	5			SD05C.0540.D6.0	6	82	44	35	36			●		
	8			SD08C.0540.D6.0	6	95	57	48	36			○		
5.5	3	外冷 Outer coolant		SD03.0550.D6.0	6	66	28	20	36			1/4-28UNF		●
	5			SD05.0550.D6.0	6	82	44	35	36					●
	3	内冷 Inner coolant		SD03C.0550.D6.0	6	66	28	20	36					●
	5			SD05C.0550.D6.0	6	82	44	35	36					●
	8			SD08C.0550.D6.0	6	95	57	48	36					○
5.55	3	外冷 Outer coolant	SD03.0555.D6.0	6	66	28	20	36	1/4-28UNF		●			
	5		SD05.0555.D6.0	6	82	44	35	36			●			
	3	内冷 Inner coolant	SD03C.0555.D6.0	6	66	28	20	36			●			
	5		SD05C.0555.D6.0	6	82	44	35	36			●			
	8		SD08C.0555.D6.0	6	95	57	48	36			○			
5.6	3	外冷 Outer coolant	SD03.0560.D6.0	6	66	28	20	36			M6×1		●	
	5		SD05.0560.D6.0	6	82	44	35	36					●	
	3	内冷 Inner coolant	SD03C.0560.D6.0	6	66	28	20	36					●	
	5		SD05C.0560.D6.0	6	82	44	35	36					●	
	8		SD08C.0560.D6.0	6	95	57	48	36					○	
5.7	3	外冷 Outer coolant	SD03.0570.D6.0	6	66	28	20	36	M6×0.75				●	
	5		SD05.0570.D6.0	6	82	44	35	36					●	
	3	内冷 Inner coolant	SD03C.0570.D6.0	6	66	28	20	36					●	
	5		SD05C.0570.D6.0	6	82	44	35	36					●	
	8		SD08C.0570.D6.0	6	95	57	48	36					○	

● 常备库存 Stock available    ○ 按订单生产 Make-to-order

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
5.75	3	外冷 Outer coolant	直柄 Straight shank	SD03.0575.D6.0	6	66	28	20	36		1/4-20UNC	●
	5			SD05.0575.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0575.D6.0	6	66	28	20	36			●
	5			SD05C.0575.D6.0	6	82	44	35	36			●
5.8	3	外冷 Outer coolant		SD03.0580.D6.0	6	66	28	20	36			●
	5			SD05.0580.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0580.D6.0	6	66	28	20	36			●
	5			SD05C.0580.D6.0	6	82	44	35	36			●
5.8	8			SD08C.0580.D6.0	6	95	57	48	36			○
	3	外冷 Outer coolant		SD03.0590.D6.0	6	66	28	20	36			●
	5			SD05.0590.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0590.D6.0	6	66	28	20	36			●
5		SD05C.0590.D6.0		6	82	44	35	36	●			
5.9	8			SD08C.0590.D6.0	6	95	57	48	36			○
	3	外冷 Outer coolant		SD03.0595.D6.0	6	66	28	20	36		1/4-28UNF	●
	5			SD05.0595.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0595.D6.0	6	66	28	20	36			●
5		SD05C.0595.D6.0		6	82	44	35	36	●			
5.95	8			SD08C.0595.D6.0	6	95	57	48	36			○
	3	外冷 Outer coolant		SD03.0600.D6.0	6	66	28	20	36	M7×1		●
	5			SD05.0600.D6.0	6	82	44	35	36			●
	3	内冷 Inner coolant		SD03C.0600.D6.0	6	66	28	20	36			●
5		SD05C.0600.D6.0		6	82	44	35	36	●			
6.0	8			SD08C.0600.D6.0	6	95	57	48	36			○
	3	外冷 Outer coolant		SD03.0610.D8.0	8	79	34	24	36			●
	5			SD05.0610.D8.0	8	91	53	43	36			●
	3	内冷 Inner coolant		SD03C.0610.D8.0	8	79	34	24	36			●
5		SD05C.0610.D8.0		8	91	53	43	36	●			
6.1	8		SD08C.0610.D8.0	8	114	76	66	36			○	
	3	外冷 Outer coolant	SD03.0620.D8.0	8	79	34	24	36			●	
	5		SD05.0620.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant	SD03C.0620.D8.0	8	79	34	24	36			●	
5		SD05C.0620.D8.0	8	91	53	43	36	●				
6.2	8		SD08C.0620.D8.0	8	114	76	66	36			○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。

Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

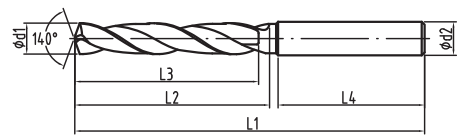
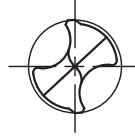


孔加工刀具 Hole-processing Tools

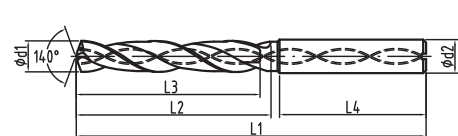
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
6.3	3	外冷 Outer coolant	直柄 Straight shank	SD03.0630.D8.0	8	79	34	24	36	5/16-18UNC	M7×1	●
	5			SD05.0630.D8.0	8	91	53	43	36			●
	3	内冷 Inner coolant		SD03C.0630.D8.0	8	79	34	24	36			●
	5			SD05C.0630.D8.0	8	91	53	43	36			●
	8			SD08C.0630.D8.0	8	114	76	66	36			○
6.4	3	外冷 Outer coolant		SD03.0640.D8.0	8	79	34	24	36			●
	5			SD05.0640.D8.0	8	91	53	43	36			●
	3	内冷 Inner coolant		SD03C.0640.D8.0	8	79	34	24	36			●
	5			SD05C.0640.D8.0	8	91	53	43	36			●
	8			SD08C.0640.D8.0	8	114	76	66	36			○
6.5	3	外冷 Outer coolant	SD03.0650.D8.0	8	79	34	24	36	●			
	5		SD05.0650.D8.0	8	91	53	43	36	●			
	3	内冷 Inner coolant	SD03C.0650.D8.0	8	79	34	24	36	●			
	5		SD05C.0650.D8.0	8	91	53	43	36	●			
	8		SD08C.0650.D8.0	8	114	76	66	36	○			
6.6	3	外冷 Outer coolant	SD03.0660.D8.0	8	79	34	24	36	●			
	5		SD05.0660.D8.0	8	91	53	43	36	●			
	3	内冷 Inner coolant	SD03C.0660.D8.0	8	79	34	24	36	●			
	5		SD05C.0660.D8.0	8	91	53	43	36	●			
	8		SD08C.0660.D8.0	8	114	76	66	36	○			
6.7	3	外冷 Outer coolant	SD03.0670.D8.0	8	79	34	24	36	●			
	5		SD05.0670.D8.0	8	91	53	43	36	●			
	3	内冷 Inner coolant	SD03C.0670.D8.0	8	79	34	24	36	●			
	5		SD05C.0670.D8.0	8	91	53	43	36	●			
	8		SD08C.0670.D8.0	8	114	76	66	36	○			

● 常备库存 Stock available ○ 按订单生产 Make-to-order



钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock	
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps		
6.75	3	外冷 Outer coolant	直柄 Straight shank	SD03.0675.D8.0	8	79	34	24	36	M8×1.25		●	
	5			SD05.0675.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant		SD03C.0675.D8.0	8	79	34	24	36			●	
	5			SD05C.0675.D8.0	8	91	53	43	36			●	
6.8	3	外冷 Outer coolant		SD03.0680.D8.0	8	79	34	24	36			●	
	5			SD05.0680.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant		SD03C.0680.D8.0	8	79	34	24	36			●	
	5			SD05C.0680.D8.0	8	91	53	43	36			●	
	8			SD08C.0680.D8.0	8	114	76	66	36			○	
6.9	3	外冷 Outer coolant		SD03.0690.D8.0	8	79	34	24	36	5/16-24UNF			●
	5			SD05.0690.D8.0	8	91	53	43	36				●
	3	内冷 Inner coolant	SD03C.0690.D8.0	8	79	34	24	36				●	
	5		SD05C.0690.D8.0	8	91	53	43	36				●	
	8		SD08C.0690.D8.0	8	114	76	66	36				○	
7.0	3	外冷 Outer coolant	SD03.0700.D8.0	8	79	34	24	36	M8×1			●	
	5		SD05.0700.D8.0	8	91	53	43	36				●	
	3	内冷 Inner coolant	SD03C.0700.D8.0	8	79	34	24	36				●	
	5		SD05C.0700.D8.0	8	91	53	43	36				●	
	8		SD08C.0700.D8.0	8	116	76	66	36				○	
7.1	3	外冷 Outer coolant	SD03.0710.D8.0	8	79	41	29	36				●	
	5		SD05.0710.D8.0	8	91	53	43	36				●	
	3	内冷 Inner coolant	SD03C.0710.D8.0	8	79	41	29	36				●	
	5		SD05C.0710.D8.0	8	91	53	43	36				●	
	8		SD08C.0710.D8.0	8	116	76	66	36				○	
7.2	3	外冷 Outer coolant	SD03.0720.D8.0	8	79	41	29	36				●	
	5		SD05.0720.D8.0	8	91	53	43	36				●	
	3	内冷 Inner coolant	SD03C.0720.D8.0	8	79	41	29	36				●	
	5		SD05C.0720.D8.0	8	91	53	43	36				●	
	8		SD08C.0720.D8.0	8	116	76	66	36				○	
7.3	3	外冷 Outer coolant	SD03.0730.D8.0	8	79	41	29	36	5/16-18UNC			●	
	5		SD05.0730.D8.0	8	91	53	43	36				●	
	3	内冷 Inner coolant	SD03C.0730.D8.0	8	79	41	29	36				●	
	5		SD05C.0730.D8.0	8	91	53	43	36				●	
	8		SD08C.0730.D8.0	8	116	76	66	36				○	
7.4	3	外冷 Outer coolant	SD03.0740.D8.0	8	79	41	29	36				●	
	5		SD05.0740.D8.0	8	91	53	43	36				●	
	3	内冷 Inner coolant	SD03C.0740.D8.0	8	79	41	29	36				●	
	5		SD05C.0740.D8.0	8	91	53	43	36				●	
	8		SD08C.0740.D8.0	8	116	76	66	36				○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

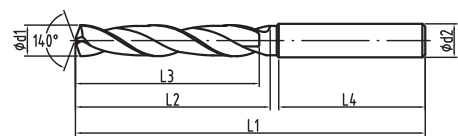
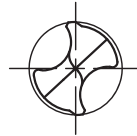


孔加工刀具 Hole-processing Tools

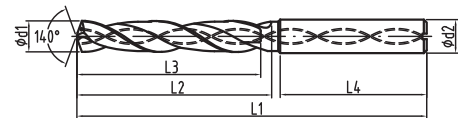
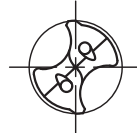
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock	
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps		
					d2(h6)	l1	l2	l3	l4				
7.45	3	外冷 Outer coolant	直柄 Straight shank	SD03.0745.D8.0	8	79	41	29	36		M8×1.25	●	
	5	外冷 Outer coolant		SD05.0745.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant		SD03C.0745.D8.0	8	79	41	29	36			5/16-24UNF	●
	5	内冷 Inner coolant		SD05C.0745.D8.0	8	91	53	43	36				●
7.5	3	外冷 Outer coolant		SD03.0750.D8.0	8	79	41	29	36			●	
	5	外冷 Outer coolant		SD05.0750.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant		SD03C.0750.D8.0	8	79	41	29	36			●	
	5			SD05C.0750.D8.0	8	91	53	43	36			●	
	8			SD08C.0750.D8.0	8	116	76	66	36			○	
	8			SD08C.0750.D8.0	8	116	76	66	36			○	
7.6	3	外冷 Outer coolant		SD03.0760.D8.0	8	79	41	29	36		M8×1	●	
	5	外冷 Outer coolant		SD05.0760.D8.0	8	91	53	43	36			●	
	3	内冷 Inner coolant		SD03C.0760.D8.0	8	79	41	29	36			●	
	5			SD05C.0760.D8.0	8	91	53	43	36			●	
	8			SD08C.0760.D8.0	8	116	76	66	36			○	
	8			SD08C.0760.D8.0	8	116	76	66	36			○	
7.7	3	外冷 Outer coolant	SD03.0770.D8.0	8	79	41	29	36			●		
	5	外冷 Outer coolant	SD05.0770.D8.0	8	91	53	43	36			●		
	3	内冷 Inner coolant	SD03C.0770.D8.0	8	79	41	29	36			●		
	5		SD05C.0770.D8.0	8	91	53	43	36			●		
	8		SD08C.0770.D8.0	8	116	76	66	36			○		
	8		SD08C.0770.D8.0	8	116	76	66	36			○		
7.8	3	外冷 Outer coolant	SD03.0780.D8.0	8	79	41	29	36			●		
	5	外冷 Outer coolant	SD05.0780.D8.0	8	91	53	43	36			●		
	3	内冷 Inner coolant	SD03C.0780.D8.0	8	79	41	29	36			●		
	5		SD05C.0780.D8.0	8	91	53	43	36			●		
	8		SD08C.0780.D8.0	8	116	76	66	36			○		
	8		SD08C.0780.D8.0	8	116	76	66	36			○		

● 常备库存 Stock available ○ 按订单生产 Make-to-order





钻头直径 d1(m7)	钻孔深度 l/d	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock		
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps			
					d2(h6)	l1	l2	l3	l4					
7.9	3	外冷 Outer coolant	直柄 Straight shank	SD03.0790.D8.0	8	79	41	29	36	3/8-16UNC		●		
	5			SD05.0790.D8.0	8	91	53	43	36			●		
	3	内冷 Inner coolant		SD03C.0790.D8.0	8	79	41	29	36			●		
	5			SD05C.0790.D8.0	8	91	53	43	36			●		
	8			SD08C.0790.D8.0	8	116	76	66	36			○		
8.0	3	外冷 Outer coolant		SD03.0800.D8.0	8	79	41	29	36			3/8-16UNC		●
	5			SD05.0800.D8.0	8	91	53	43	36					●
	3	内冷 Inner coolant		SD03C.0800.D8.0	8	79	41	29	36					●
	5			SD05C.0800.D8.0	8	91	53	43	36					●
	8			SD08C.0800.D8.0	8	116	76	66	36					○
8.1	3	外冷 Outer coolant	SD03.0810.D10.0	10	89	47	35	40	3/8-16UNC		●			
	5		SD05.0810.D10.0	10	103	61	49	40			●			
	3	内冷 Inner coolant	SD03C.0810.D10.0	10	89	47	35	40			●			
	5		SD05C.0810.D10.0	10	103	61	49	40			●			
	8		SD08C.0810.D10.0	10	142	95	83	40			○			
8.2	3	外冷 Outer coolant	SD03.0820.D10.0	10	89	47	35	40			3/8-16UNC		●	
	5		SD05.0820.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0820.D10.0	10	89	47	35	40					●	
	5		SD05C.0820.D10.0	10	103	61	49	40					●	
	8		SD08C.0820.D10.0	10	142	95	83	40					○	
8.3	3	外冷 Outer coolant	SD03.0830.D10.0	10	89	47	35	40	3/8-16UNC				●	
	5		SD05.0830.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0830.D10.0	10	89	47	35	40					●	
	5		SD05C.0830.D10.0	10	103	61	49	40					●	
	8		SD08C.0830.D10.0	10	142	95	83	40					○	
8.4	3	外冷 Outer coolant	SD03.0840.D10.0	10	89	47	35	40			3/8-16UNC		●	
	5		SD05.0840.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0840.D10.0	10	89	47	35	40					●	
	5		SD05C.0840.D10.0	10	103	61	49	40					●	
	8		SD08C.0840.D10.0	10	142	95	83	40					○	
8.5	3	外冷 Outer coolant	SD03.0850.D10.0	10	89	47	35	40	M10×1.5 3/8-24UNF				●	
	5		SD05.0850.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0850.D10.0	10	89	47	35	40					●	
	5		SD05C.0850.D10.0	10	103	61	49	40					●	
	8		SD08C.0850.D10.0	10	142	95	83	40					○	
8.6	3	外冷 Outer coolant	SD03.0860.D10.0	10	89	47	35	40			M10×1.5 3/8-24UNF		●	
	5		SD05.0860.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0860.D10.0	10	89	47	35	40					●	
	5		SD05C.0860.D10.0	10	103	61	49	40					●	
	8		SD08C.0860.D10.0	10	142	95	83	40					○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

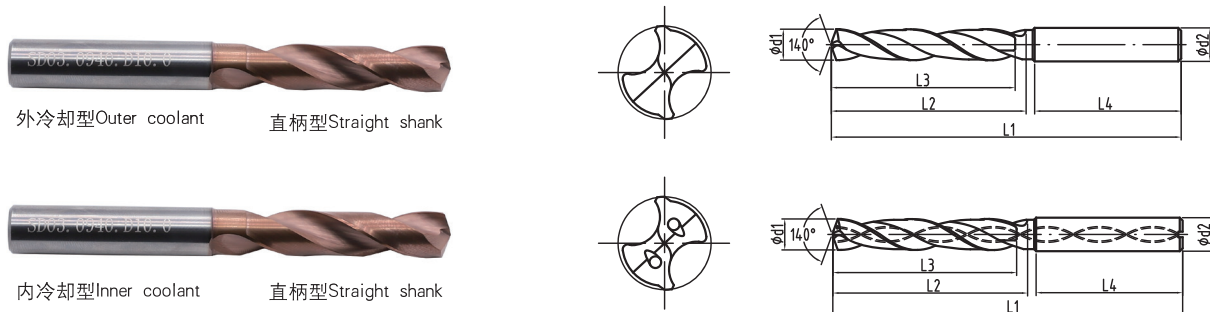
●常备库存 Stock available    ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-processing Tools

## SD系列通用加工 SD Series For General Use



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock		
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps			
					d2(h6)	l1	l2	l3	l4					
8.7	3	外冷 Outer coolant	直柄 Straight shank	SD03.0870.D10.0	10	89	47	35	40	M10×1.25		●		
	5			SD05.0870.D10.0	10	103	61	49	40			●		
	3	内冷 Inner coolant		SD03C.0870.D10.0	10	89	47	35	40			●		
	5			SD05C.0870.D10.0	10	103	61	49	40			●		
	8			SD08C.0870.D10.0	10	142	95	83	40			○		
8.75	3	外冷 Outer coolant		SD03.0875.D10.0	10	89	47	35	40			M10×1.25		●
	5			SD05.0875.D10.0	10	103	61	49	40					●
	3	内冷 Inner coolant		SD03C.0875.D10.0	10	89	47	35	40					●
	5			SD05C.0875.D10.0	10	103	61	49	40					●
	8			SD08C.0880.D10.0	10	142	95	83	40					○
8.8	3	外冷 Outer coolant	SD03.0880.D10.0	10	89	47	35	40	3/8-16UNC		●			
	5		SD05.0880.D10.0	10	103	61	49	40			●			
	3	内冷 Inner coolant	SD03C.0880.D10.0	10	89	47	35	40			●			
	5		SD05C.0880.D10.0	10	103	61	49	40			●			
	8		SD08C.0880.D10.0	10	142	95	83	40			○			
8.9	3	外冷 Outer coolant	SD03.0890.D10.0	10	89	47	35	40			M10×1	3/8-24UNF	●	
	5		SD05.0890.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0890.D10.0	10	89	47	35	40					●	
	5		SD05C.0890.D10.0	10	103	61	49	40					●	
	8		SD08C.0890.D10.0	10	142	95	83	40					○	
9.0	3	外冷 Outer coolant	SD03.0900.D10.0	10	89	47	35	40	M10×1	3/8-24UNF			●	
	5		SD05.0900.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.0900.D10.0	10	89	47	35	40					●	
	5		SD05C.0900.D10.0	10	103	61	49	40					●	
	8		SD08C.0900.D10.0	10	142	95	83	40					○	

● 常备库存 Stock available    ○ 按订单生产 Make-to-order



钻头直径 d1(m7)	钻孔深度 l/d	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
9.1	3	外冷 Outer coolant	直柄 Straight shank	SD03.0910.D10.0	10	89	47	35	40			●
	5			SD05.0910.D10.0	10	103	61	49	40			●
	3	内冷 Inner coolant		SD03C.0910.D10.0	10	89	47	35	40			●
	5			SD05C.0910.D10.0	10	103	61	49	40			●
	8			SD08C.0910.D10.0	10	142	95	83	40			○
9.2	3	外冷 Outer coolant		SD03.0920.D10.0	10	89	47	35	40			●
	5			SD05.0920.D10.0	10	103	61	49	40			●
	3	内冷 Inner coolant		SD03C.0920.D10.0	10	89	47	35	40			●
	5			SD05C.0920.D10.0	10	103	61	49	40			●
	8			SD08C.0920.D10.0	10	142	95	83	40			○
9.3	3	外冷 Outer coolant	SD03.0930.D10.0	10	89	47	35	40			●	
	5		SD05.0930.D10.0	10	103	61	49	40			●	
	3	内冷 Inner coolant	SD03C.0930.D10.0	10	89	47	35	40			●	
	5		SD05C.0930.D10.0	10	103	61	49	40			●	
	8		SD08C.0930.D10.0	10	142	95	83	40			○	
9.35	3	外冷 Outer coolant	SD03.0935.D10.0	10	89	47	35	40			●	
	5		SD05.0935.D10.0	10	103	61	49	40		M10×1.5	●	
	3	内冷 Inner coolant	SD03C.0935.D10.0	10	89	47	35	40			●	
	5		SD05C.0935.D10.0	10	103	61	49	40			●	
	8		SD08C.0940.D10.0	10	142	95	83	40			○	
9.4	3	外冷 Outer coolant	SD03.0940.D10.0	10	89	47	35	40			●	
	5		SD05.0940.D10.0	10	103	61	49	40			●	
	3	内冷 Inner coolant	SD03C.0940.D10.0	10	89	47	35	40	7/16-14UNC		●	
	5		SD05C.0940.D10.0	10	103	61	49	40			●	
	8		SD08C.0940.D10.0	10	142	95	83	40			○	
9.45	3	外冷 Outer coolant	SD03.0945.D10.0	10	89	47	35	40			●	
	5		SD05.0945.D10.0	10	103	61	49	40		M10×1.25	●	
	3	内冷 Inner coolant	SD03C.0945.D10.0	10	89	47	35	40			●	
	5		SD05C.0945.D10.0	10	103	61	49	40			●	
	8		SD08C.0950.D10.0	10	142	95	83	40			○	
9.5	3	外冷 Outer coolant	SD03.0950.D10.0	10	89	47	35	40			●	
	5		SD05.0950.D10.0	10	103	61	49	40			●	
	3	内冷 Inner coolant	SD03C.0950.D10.0	10	89	47	35	40			●	
	5		SD05C.0950.D10.0	10	103	61	49	40			●	
	8		SD08C.0960.D10.0	10	142	95	83	40			○	
9.6	3	外冷 Outer coolant	SD03.0960.D10.0	10	89	47	35	40			●	
	5		SD05.0960.D10.0	10	103	61	49	40			●	
	3	内冷 Inner coolant	SD03C.0960.D10.0	10	89	47	35	40		M10×1	●	
	5		SD05C.0960.D10.0	10	103	61	49	40			●	
	8		SD08C.0960.D10.0	10	142	95	83	40			○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

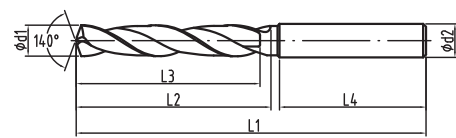
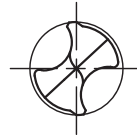


孔加工刀具 Hole-processing Tools

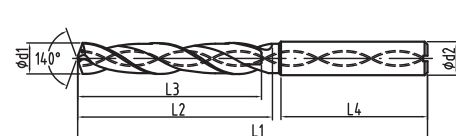
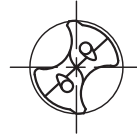
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 l/d	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock		
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps			
					d2(h6)	l1	l2	l3	l4					
9.7	3	外冷 Outer coolant	直柄 Straight shank	SD03.0970.D10.0	10	89	47	35	40	7/16-20UNF		●		
	5			SD05.0970.D10.0	10	103	61	49	40			●		
	3	内冷 Inner coolant		SD03C.0970.D10.0	10	89	47	35	40			●		
	5			SD05C.0970.D10.0	10	103	61	49	40			●		
	8			SD08C.0970.D10.0	10	142	95	83	40			○		
9.8	3	外冷 Outer coolant		SD03.0980.D10.0	10	89	47	35	40			7/16-20UNF		●
	5			SD05.0980.D10.0	10	103	61	49	40					●
	3	内冷 Inner coolant		SD03C.0980.D10.0	10	89	47	35	40					●
	5			SD05C.0980.D10.0	10	103	61	49	40					●
	8			SD08C.0980.D10.0	10	142	95	83	40					○
9.9	3	外冷 Outer coolant	SD03.0990.D10.0	10	89	47	35	40	7/16-20UNF		●			
	5		SD05.0990.D10.0	10	103	61	49	40			●			
	3	内冷 Inner coolant	SD03C.0990.D10.0	10	89	47	35	40			●			
	5		SD05C.0990.D10.0	10	103	61	49	40			●			
	8		SD08C.0990.D10.0	10	142	95	83	40			○			
10.0	3	外冷 Outer coolant	SD03.1000.D10.0	10	89	47	35	40			7/16-20UNF		●	
	5		SD05.1000.D10.0	10	103	61	49	40					●	
	3	内冷 Inner coolant	SD03C.1000.D10.0	10	89	47	35	40					●	
	5		SD05C.1000.D10.0	10	103	61	49	40					●	
	8		SD08C.1000.D10.0	10	142	95	83	40					○	

● 常备库存 Stock available ○ 按订单生产 Make-to-order



钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
10.1	3	外冷 Outer coolant	直柄 Straight shank	SD03.1010.D12.0	12	102	55	40	45			●
	5			SD05.1010.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1010.D12.0	12	102	55	40	45			●
	5			SD05C.1010.D12.0	12	118	71	56	45			●
	8			SD08C.1010.D12.0	12	162	114	99	45			○
10.2	3	外冷 Outer coolant		SD03.1020.D12.0	12	102	55	40	45			●
	5			SD05.1020.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1020.D12.0	12	102	55	40	45			●
	5			SD05C.1020.D12.0	12	118	71	56	45			●
	8			SD08C.1020.D12.0	12	162	114	99	45			○
10.25	3	外冷 Outer coolant	SD03.1025.D12.0	12	102	55	40	45			●	
	5		SD05.1025.D12.0	12	118	71	56	45	M12×1.75		●	
	3	内冷 Inner coolant	SD03C.1025.D12.0	12	102	55	40	45			●	
	5		SD05C.1025.D12.0	12	118	71	56	45			●	
10.3	3	外冷 Outer coolant	SD03.1030.D12.0	12	102	55	40	45			●	
	5		SD05.1030.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1030.D12.0	12	102	55	40	45		7/16-14UNC	●	
	5		SD05C.1030.D12.0	12	118	71	56	45			●	
	8		SD08C.1030.D12.0	12	162	114	99	45			○	
10.4	3	外冷 Outer coolant	SD03.1040.D12.0	12	102	55	40	45			●	
	5		SD05.1040.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1040.D12.0	12	102	55	40	45			●	
	5		SD05C.1040.D12.0	12	118	71	56	45			●	
	8		SD08C.1040.D12.0	12	162	114	99	45			○	
10.5	3	外冷 Outer coolant	SD03.1050.D12.0	12	102	55	40	45			●	
	5		SD05.1050.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1050.D12.0	12	102	55	40	45	M12×1.5	7/16-20UNF	●	
	5		SD05C.1050.D12.0	12	118	71	56	45			●	
	8		SD08C.1050.D12.0	12	162	114	99	45			○	
10.6	3	外冷 Outer coolant	SD03.1060.D12.0	12	102	55	40	45			●	
	5		SD05.1060.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1060.D12.0	12	102	55	40	45			●	
	5		SD05C.1060.D12.0	12	118	71	56	45			●	
	8		SD08C.1060.D12.0	12	162	114	99	45			○	

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。

Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

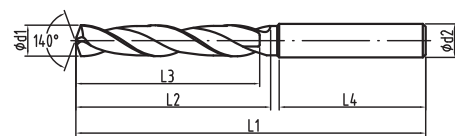
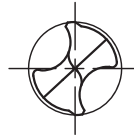


孔加工刀具 Hole-processing Tools

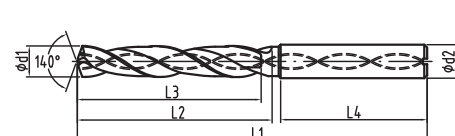
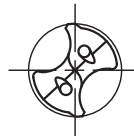
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock		
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps			
					d2(h6)	l1	l2	l3	l4					
10.7	3	外冷 Outer coolant	直柄 Straight shank	SD03.1070.D12.0	12	102	55	40	45	M12x1.25		●		
	5			SD05.1070.D12.0	12	118	71	56	45			●		
	3	内冷 Inner coolant		SD03C.1070.D12.0	12	102	55	40	45			●		
	5			SD05C.1070.D12.0	12	118	71	56	45			●		
	8			SD08C.1070.D12.0	12	162	114	99	45			○		
10.75	3	外冷 Outer coolant		SD03.1075.D12.0	12	102	55	40	45			M12x1.25		●
	5			SD05.1075.D12.0	12	118	71	56	45					●
	3	内冷 Inner coolant		SD03C.1075.D12.0	12	102	55	40	45					●
	5			SD05C.1075.D12.0	12	118	71	56	45					●
	8			SD08C.1080.D12.0	12	162	114	99	45					○
10.8	3	外冷 Outer coolant	SD03.1080.D12.0	12	102	55	40	45	1/2-13UNC		●			
	5		SD05.1080.D12.0	12	118	71	56	45			●			
	3	内冷 Inner coolant	SD03C.1080.D12.0	12	102	55	40	45			●			
	5		SD05C.1080.D12.0	12	118	71	56	45			●			
	8		SD08C.1080.D12.0	12	162	114	99	45			○			
10.9	3	外冷 Outer coolant	SD03.1090.D12.0	12	102	55	40	45					●	
	5		SD05.1090.D12.0	12	118	71	56	45					●	
	3	内冷 Inner coolant	SD03C.1090.D12.0	12	102	55	40	45					●	
	5		SD05C.1090.D12.0	12	118	71	56	45					●	
	8		SD08C.1090.D12.0	12	162	114	99	45					○	
11.0	3	外冷 Outer coolant	SD03.1100.D12.0	12	102	55	40	45					●	
	5		SD05.1100.D12.0	12	118	71	56	45					●	
	3	内冷 Inner coolant	SD03C.1100.D12.0	12	102	55	40	45					●	
	5		SD05C.1100.D12.0	12	118	71	56	45					●	
	8		SD08C.1100.D12.0	12	162	114	99	45					○	

● 常备库存 Stock available ○ 按订单生产 Make-to-order



钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4	cutting taps/ tread milling cutters		
11.1	3	外冷 Outer coolant	直柄 Straight shank	SD03.1110.D12.0	12	102	55	40	45			●
	5			SD05.1110.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1110.D12.0	12	102	55	40	45			●
	5			SD05C.1110.D12.0	12	118	71	56	45			●
	8			SD08C.1110.D12.0	12	162	114	99	45			○
11.2	3	外冷 Outer coolant		SD03.1120.D12.0	12	102	55	40	45			●
	5			SD05.1120.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1120.D12.0	12	102	55	40	45			●
	5			SD05C.1120.D12.0	12	118	71	56	45			●
	8			SD08C.1120.D12.0	12	162	114	99	45			○
11.25	3	外冷 Outer coolant	SD03.1125.D12.0	12	102	55	40	45		M12×1.75	●	
	5		SD05.1125.D12.0	12	118	71	56	45	●			
	3	内冷 Inner coolant	SD03C.1125.D12.0	12	102	55	40	45	●			
	5		SD05C.1125.D12.0	12	118	71	56	45	●			
11.3	3	外冷 Outer coolant	SD03.1130.D12.0	12	102	55	40	45			●	
	5		SD05.1130.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1130.D12.0	12	102	55	40	45			●	
	5		SD05C.1130.D12.0	12	118	71	56	45			●	
	8		SD08C.1130.D12.0	12	162	114	99	45			○	
11.35	3	外冷 Outer coolant	SD03.1135.D12.0	12	102	55	40	45		M12×1.5	●	
	5		SD05.1135.D12.0	12	118	71	56	45	●			
	3	内冷 Inner coolant	SD03C.1135.D12.0	12	102	55	40	45	●			
	5		SD05C.1135.D12.0	12	118	71	56	45	●			
11.4	3	外冷 Outer coolant	SD03.1140.D12.0	12	102	55	40	45			●	
	5		SD05.1140.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1140.D12.0	12	102	55	40	45			●	
	5		SD05C.1140.D12.0	12	118	71	56	45			●	
	8		SD08C.1140.D12.0	12	162	114	99	45			○	
11.45	3	外冷 Outer coolant	SD03.1145.D12.0	12	102	55	40	45		M12×1.25	●	
	5		SD05.1145.D12.0	12	118	71	56	45	●			
	3	内冷 Inner coolant	SD03C.1145.D12.0	12	102	55	40	45	●			
	5		SD05C.1145.D12.0	12	118	71	56	45	●			

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

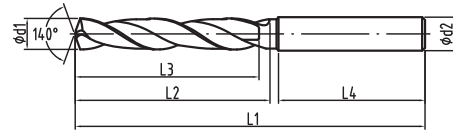
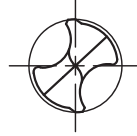


孔加工刀具 Hole-processing Tools

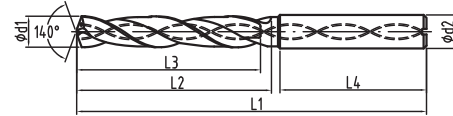
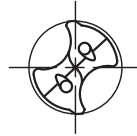
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。

Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ thread milling cutters	挤压丝锥 forming taps	
11.5	3	外冷 Outer coolant	直柄 Straight shank	SD03.1150.D12.0	12	102	55	40	45	1/2-20UNF		●
	5			SD05.1150.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1150.D12.0	12	102	55	40	45			●
	5			SD05C.1150.D12.0	12	118	71	56	45			●
	8			SD08C.1150.D12.0	12	162	114	99	45			○
11.6	3	外冷 Outer coolant		SD03.1160.D12.0	12	102	55	40	45			●
	5			SD05.1160.D12.0	12	118	71	56	45			●
	3	内冷 Inner coolant		SD03C.1160.D12.0	12	102	55	40	45			●
	5			SD05C.1160.D12.0	12	118	71	56	45			●
	8			SD08C.1160.D12.0	12	162	114	99	45			○
11.7	3	外冷 Outer coolant	SD03.1170.D12.0	12	102	55	40	45			●	
	5		SD05.1170.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1170.D12.0	12	102	55	40	45			●	
	5		SD05C.1170.D12.0	12	118	71	56	45			●	
	8		SD08C.1170.D12.0	12	162	114	99	45			○	
11.8	3	外冷 Outer coolant	SD03.1180.D12.0	12	102	55	40	45	1/2-13UNC		●	
	5		SD05.1180.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1180.D12.0	12	102	55	40	45			●	
	5		SD05C.1180.D12.0	12	118	71	56	45			●	
	8		SD08C.1180.D12.0	12	162	114	99	45			○	
11.9	3	外冷 Outer coolant	SD03.1190.D12.0	12	102	55	40	45			●	
	5		SD05.1190.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1190.D12.0	12	102	55	40	45			●	
	5		SD05C.1190.D12.0	12	118	71	56	45			●	
	8		SD08C.1190.D12.0	12	162	114	99	45			○	
12.0	3	外冷 Outer coolant	SD03.1200.D12.0	12	102	55	40	45	M14×2		●	
	5		SD05.1200.D12.0	12	118	71	56	45			●	
	3	内冷 Inner coolant	SD03C.1200.D12.0	12	102	55	40	45			●	
	5		SD05C.1200.D12.0	12	118	71	56	45			●	
	8		SD08C.1200.D12.0	12	162	114	99	45			○	

● 常备库存 Stock available ○ 按订单生产 Make-to-order



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钻头直径 d <sub>1</sub> (m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d <sub>2</sub> (h6)	总长 l <sub>1</sub>	槽长 l <sub>2</sub>	推荐钻深 l <sub>3</sub>	柄长 l <sub>4</sub>	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
12.1	3	外冷 Outer coolant	直柄 Straight shank	SD03.1210.D14.0	14	107	60	43	45		1/2-20UNF	●
	5	SD05.1210.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1210.D14.0	14	107	60	43	45			●
	5	SD05C.1210.D14.0		14	124	77	60	45	●			
12.2	3	外冷 Outer coolant		SD03.1220.D14.0	14	107	60	43	45	9/16-12UNC		●
	5	SD05.1220.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1220.D14.0	14	107	60	43	45			●
	5	SD05C.1220.D14.0		14	124	77	60	45	●			
12.25	3	外冷 Outer coolant		SD03.1225.D14.0	14	107	60	43	45			●
	5	SD05.1225.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1225.D14.0	14	107	60	43	45			●
	5	SD05C.1225.D14.0		14	124	77	60	45	●			
12.3	3	外冷 Outer coolant		SD03.1230.D14.0	14	107	60	43	45			●
	5	SD05.1230.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1230.D14.0	14	107	60	43	45			●
	5	SD05C.1230.D14.0		14	124	77	60	45	●			
12.5	3	外冷 Outer coolant		SD03.1250.D14.0	14	107	60	43	45	M14×1.5		●
	5	SD05.1250.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1250.D14.0	14	107	60	43	45			●
	5	SD05C.1250.D14.0		14	124	77	60	45	●			
12.7	3	外冷 Outer coolant		SD03.1270.D14.0	14	107	60	43	45			●
	5	SD05.1270.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1270.D14.0	14	107	60	43	45			●
	5	SD05C.1270.D14.0		14	124	77	60	45	●			
12.75	3	外冷 Outer coolant		SD03.1275.D14.0	14	107	60	43	45			●
	5	SD05.1275.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1275.D14.0	14	107	60	43	45			●
	5	SD05C.1275.D14.0		14	124	77	60	45	●			
12.8	3	外冷 Outer coolant		SD03.1280.D14.0	14	107	60	43	45			●
	5	SD05.1280.D14.0		14	124	77	60	45	●			
	3	内冷 Inner coolant		SD03C.1280.D14.0	14	107	60	43	45			●
	5	SD05C.1280.D14.0		14	124	77	60	45	●			
	8			SD08C.1280.D14.0	14	178	133	116	45			○

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。

Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h<sub>5</sub>.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

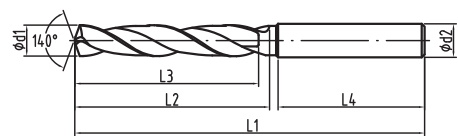
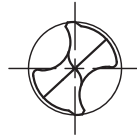


孔加工刀具 Hole-processing Tools

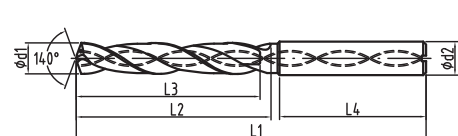
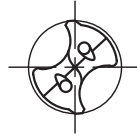
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径	总长	槽长	推荐钻深	柄长	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
					d2(h6)	l1	l2	l3	l4			
12.9	3	外冷 Outer coolant	直柄 Straight shank	SD03.1290.D14.0	14	107	60	43	45	9/16-18UNF		●
	5	外冷 Outer coolant		SD05.1290.D14.0	14	124	77	60	45			●
	3	内冷 Inner coolant		SD03C.1290.D14.0	14	107	60	43	45			●
	5	内冷 Inner coolant		SD05C.1290.D14.0	14	124	77	60	45			●
13.0	3	外冷 Outer coolant		SD03.1300.D14.0	14	107	60	43	45		●	
	5	外冷 Outer coolant		SD05.1300.D14.0	14	124	77	60	45		●	
	3	内冷 Inner coolant		SD03C.1300.D14.0	14	107	60	43	45		●	
	5			SD05C.1300.D14.0	14	124	77	60	45		●	
	8	SD08C.1300.D14.0		14	178	133	116	45		○		
	13.1	3		外冷 Outer coolant	SD03.1310.D14.0	14	107	60	43	45	M14×2	●
5		外冷 Outer coolant		SD05.1310.D14.0	14	124	77	60	45	●		
3		内冷 Inner coolant		SD03C.1310.D14.0	14	107	60	43	45	●		
5		内冷 Inner coolant		SD05C.1310.D14.0	14	124	77	60	45	●		
13.35	3	外冷 Outer coolant		SD03.1335.D14.0	14	107	60	43	45	M14×1.5 9/16-12UNC	●	
	5	外冷 Outer coolant		SD05.1335.D14.0	14	124	77	60	45		●	
	3	内冷 Inner coolant		SD03C.1335.D14.0	14	107	60	43	45		●	
	5	内冷 Inner coolant	SD05C.1335.D14.0	14	124	77	60	45	●			
13.5	3	外冷 Outer coolant	SD03.1350.D14.0	14	107	60	43	45	5/8-11UNC	●		
	5	外冷 Outer coolant	SD05.1350.D14.0	14	124	77	60	45		●		
	3	内冷 Inner coolant	SD03C.1350.D14.0	14	107	60	43	45		●		
	5		SD05C.1350.D14.0	14	124	77	60	45		●		
	8		SD08C.1350.D14.0	14	178	133	116	45		○		
13.65	3	外冷 Outer coolant	SD03.1365.D14.0	14	107	60	43	45	9/16-18UNF	●		
	5	外冷 Outer coolant	SD05.1365.D14.0	14	124	77	60	45		●		
	3	内冷 Inner coolant	SD03C.1365.D14.0	14	107	60	43	45		●		
	5		SD05C.1365.D14.0	14	124	77	60	45		●		

● 常备库存 Stock available ○ 按订单生产 Make-to-order



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# 钻削刀具 | DRILLING TOOLS



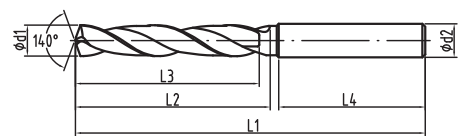
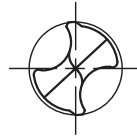
孔加工刀具 Hole-processing Tools

## SD系列通用加工 SD Series For General Use



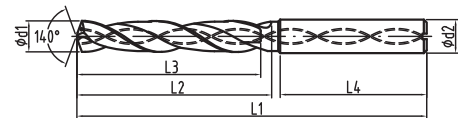
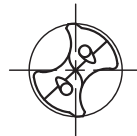
外冷却型 Outer coolant

直柄型 Straight shank



内冷却型 Inner coolant

直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
15.1	3	外冷 Outer coolant	直柄 Straight shank	SD03.1510.D16.0	16	115	65	45	48		M16×2	●
	5	外冷 Outer coolant		SD05.1510.D16.0	16	133	83	63	48			●
	3	内冷 Inner coolant		SD03C.1510.D16.0	16	115	65	45	48			●
	5	内冷 Inner coolant		SD05C.1510.D16.0	16	133	83	63	48			●
15.25	3	外冷 Outer coolant		SD03.1525.D16.0	16	115	65	45	48		5/8-18UNF	●
	5	外冷 Outer coolant		SD05.1525.D16.0	16	133	83	63	48			●
	3	内冷 Inner coolant		SD03C.1525.D16.0	16	115	65	45	48			●
	5	内冷 Inner coolant		SD05C.1525.D16.0	16	133	83	63	48			●
15.35	3	外冷 Outer coolant		SD03.1535.D16.0	16	115	65	45	48		M16×1.5	●
	5	外冷 Outer coolant		SD05.1535.D16.0	16	133	83	63	48			●
	3	内冷 Inner coolant		SD03C.1535.D16.0	16	115	65	45	48			●
	5	内冷 Inner coolant		SD05C.1535.D16.0	16	133	83	63	48			●
15.5	3	外冷 Outer coolant		SD03.1550.D16.0	16	115	65	45	48	M18×2.5		●
	5	外冷 Outer coolant		SD05.1550.D16.0	16	133	83	63	48			●
	3	内冷 Inner coolant		SD03C.1550.D16.0	16	115	65	45	48			●
	5	内冷 Inner coolant		SD05C.1550.D16.0	16	133	83	63	48			●
15.8	8		SD08C.1550.D16.0	16	204	152	132	48			○	
	3	外冷 Outer coolant	SD03.1580.D16.0	16	115	65	45	48			●	
	5	外冷 Outer coolant	SD05.1580.D16.0	16	133	83	63	48			●	
	3	内冷 Inner coolant	SD03C.1580.D16.0	16	115	65	45	48			●	
5	内冷 Inner coolant	SD05C.1580.D16.0	16	133	83	63	48	●				
16.0	3	外冷 Outer coolant	SD03.1600.D16.0	16	115	65	45	48	M18×2		●	
	5	外冷 Outer coolant	SD05.1600.D16.0	16	133	83	63	48			●	
	3	内冷 Inner coolant	SD03C.1600.D16.0	16	115	65	45	48			●	
	5	内冷 Inner coolant	SD05C.1600.D16.0	16	133	83	63	48			●	
	8		SD08C.1600.D16.0	16	204	152	132	48			○	

● 常备库存 Stock available    ○ 按订单生产 Make-to-order



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For more details please visit: www.hnsant.com

钻头直径 d <sub>1</sub> (m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d <sub>2</sub> (h6)	总长 l <sub>1</sub>	槽长 l <sub>2</sub>	推荐钻深 l <sub>3</sub>	柄长 l <sub>4</sub>	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
16.5	3	外冷 Outer coolant	直柄 Straight shank	SD03.1650.D18.0	18	123	73	51	48	3/4-10UNC		●
	5	SD05.1650.D18.0		18	143	93	71	48	●			
	3	内冷 Inner coolant		SD03C.1650.D18.0	18	123	73	51	48			●
	5	SD05C.1650.D18.0		18	143	93	71	48	●			
	8	SD08C.1650.D18.0		18	223	171	149	48	○			
16.75	3	外冷 Outer coolant		SD03.1675.D18.0	18	123	73	51	48			●
	5	SD05.1675.D18.0		18	143	93	71	48	●			
	3	内冷 Inner coolant		SD03C.1675.D18.0	18	123	73	51	48			●
	5	SD05C.1675.D18.0		18	143	93	71	48	●			
	8	SD08C.1675.D18.0		18	223	171	149	48	○			
16.8	3	外冷 Outer coolant		SD03.1680.D18.0	18	123	73	51	48	M18×2.5		●
	5	SD05.1680.D18.0		18	143	93	71	48	●			
	3	内冷 Inner coolant		SD03C.1680.D18.0	18	123	73	51	48			●
	5	SD05C.1680.D18.0		18	143	93	71	48	●			
	8	SD08C.1680.D18.0		18	223	171	149	48	○			
17.0	3	外冷 Outer coolant		SD03.1700.D18.0	18	123	73	51	48			●
	5	SD05.1700.D18.0		18	143	93	71	48	●			
	3	内冷 Inner coolant		SD03C.1700.D18.0	18	123	73	51	48			●
	5	SD05C.1700.D18.0		18	143	93	71	48	●			
	8	SD08C.1700.D18.0		18	223	171	149	48	○			
17.5	3	外冷 Outer coolant	SD03.1750.D18.0	18	123	73	51	48	M20×2.5 3/4-16UNF		●	
	5	SD05.1750.D18.0	18	143	93	71	48	●				
	3	内冷 Inner coolant	SD03C.1750.D18.0	18	123	73	51	48			●	
	5	SD05C.1750.D18.0	18	143	93	71	48	●				
	8	SD08C.1750.D18.0	18	223	171	149	48	○				
17.8	3	外冷 Outer coolant	SD03.1780.D18.0	18	123	73	51	48			●	
	5	SD05.1780.D18.0	18	143	93	71	48	●				
	3	内冷 Inner coolant	SD03C.1780.D18.0	18	123	73	51	48			●	
	5	SD05C.1780.D18.0	18	143	93	71	48	●				
	8	SD08C.1780.D18.0	18	223	171	149	48	○				
17.9	3	外冷 Outer coolant	SD03.1790.D18.0	18	123	73	51	48	3/4-10UNC		●	
	5	SD05.1790.D18.0	18	143	93	71	48	●				
	3	内冷 Inner coolant	SD03C.1790.D18.0	18	123	73	51	48			●	
	5	SD05C.1790.D18.0	18	143	93	71	48	●				
	8	SD08C.1790.D18.0	18	223	171	149	48	○				
18.0	3	外冷 Outer coolant	SD03.1800.D18.0	18	123	73	51	48	M20×2		●	
	5	SD05.1800.D18.0	18	143	93	71	48	●				
	3	内冷 Inner coolant	SD03C.1800.D18.0	18	123	73	51	48			●	
	5	SD05C.1800.D18.0	18	143	93	71	48	●				
	8	SD08C.1800.D18.0	18	223	171	149	48	○				

注：钻孔深度(l/d)为8倍钻头(即SD08C系列)的柄径公差为h5。  
 Note: For drilling depth(l/d) of 8, namely SD08C series, tolerance of shank diameter is h5.

●常备库存 Stock available ○按订单生产 Make-to-order

# 钻削刀具 | DRILLING TOOLS

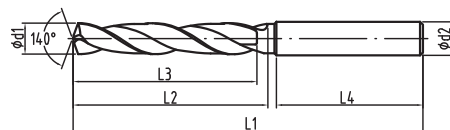
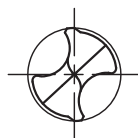


孔加工刀具 Hole-processing Tools

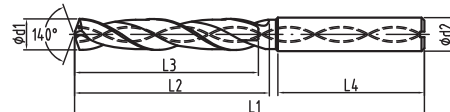
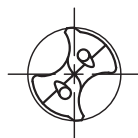
## SD系列通用加工 SD Series For General Use



外冷却型 Outer coolant 直柄型 Straight shank



内冷却型 Inner coolant 直柄型 Straight shank



- 适用于钢、铸铁、不锈钢等多种材料的高效钻削。  
Suitable for high efficiency drilling in a variety of materials e.g steel, stainless steel, cast iron.

钻头直径 d1(m7)	钻孔深度 (l/d)	冷却方式 Cooling mode	柄部形式 Shank type	型号 Type	基本尺寸 Basic dimension (mm)					适合螺纹 Suitable for thread		库存 Stock
					柄径 d2(h6)	总长 l1	槽长 l2	推荐钻深 l3	柄长 l4	切削丝锥/ 螺纹铣刀 cutting taps/ tread milling cutters	挤压丝锥 forming taps	
18.3	3	外冷 Outer coolant	直柄 Straight shank	SD03.1830.D20.0	20	131	79	55	50		3/4-16UNF	●
	5	外冷 Outer coolant		SD05.1830.D20.0	20	153	101	77	50			●
	3	内冷 Inner coolant		SD03C.1830.D20.0	20	131	79	55	50			●
	5	内冷 Inner coolant		SD05C.1830.D20.0	20	153	101	77	50			●
18.5	3	外冷 Outer coolant		SD03.1850.D20.0	20	131	79	55	50			●
	5	外冷 Outer coolant		SD05.1850.D20.0	20	153	101	77	50			●
	3	内冷 Inner coolant		SD03C.1850.D20.0	20	131	79	55	50			●
	5	内冷 Inner coolant		SD05C.1850.D20.0	20	153	101	77	50			●
18.8	3	外冷 Outer coolant		SD03.1880.D20.0	20	131	79	55	50		M20×2.5	●
	5	外冷 Outer coolant		SD05.1880.D20.0	20	153	101	77	50			●
	3	内冷 Inner coolant		SD03C.1880.D20.0	20	131	79	55	50			●
	5	内冷 Inner coolant		SD05C.1880.D20.0	20	153	101	77	50			●
19.0	3	外冷 Outer coolant		SD03.1900.D20.0	20	131	79	55	50			●
	5	外冷 Outer coolant		SD05.1900.D20.0	20	153	101	77	50			●
	3	内冷 Inner coolant		SD03C.1900.D20.0	20	131	79	55	50			●
	5	内冷 Inner coolant		SD05C.1900.D20.0	20	153	101	77	50			●
19.5	3	外冷 Outer coolant	SD03.1950.D20.0	20	131	79	55	50	M22×2.5 7/8-9UNC		●	
	5	外冷 Outer coolant	SD05.1950.D20.0	20	153	101	77	50			●	
	3	内冷 Inner coolant	SD03C.1950.D20.0	20	131	79	55	50			●	
	5	内冷 Inner coolant	SD05C.1950.D20.0	20	153	101	77	50			●	
19.8	3	外冷 Outer coolant	SD03.1980.D20.0	20	131	79	55	50			●	
	5	外冷 Outer coolant	SD05.1980.D20.0	20	153	101	77	50			●	
	3	内冷 Inner coolant	SD03C.1980.D20.0	20	131	79	55	50			●	
	5	内冷 Inner coolant	SD05C.1980.D20.0	20	153	101	77	50			●	
20.0	3	外冷 Outer coolant	SD03.2000.D20.0	20	131	79	55	50	M22×2		●	
	5	外冷 Outer coolant	SD05.2000.D20.0	20	153	101	77	50			●	
	3	内冷 Inner coolant	SD03C.2000.D20.0	20	131	79	55	50			●	
	5	内冷 Inner coolant	SD05C.2000.D20.0	20	153	101	77	50			●	



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