



鎢鋼鑽頭系列

Carbide
Drill Bit Series

強力鎢鋼油孔鑽頭×3D

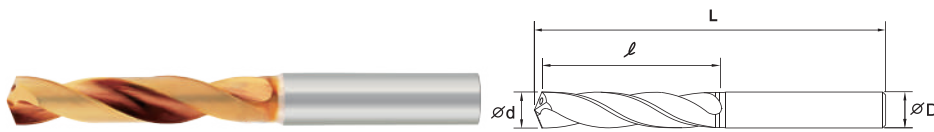
Carbide Drills with Internal Coolant Holes x3D

低碳素鋼 Low Carbon Steels	中碳素鋼 Medium Carbon Steels	高碳素鋼 High Carbon Steels	合金鋼 Alloy Steels	工具鋼 Tool Steels	調質鋼 Hardened Steels	淬火鋼 Quenched and Tempered Steels				鑄鋼 Cast Steels	鑄鐵 Cast Iron			黃銅 Brass	青銅 Bronze	紅銅 Copper	鋁合金 Aluminum Rolled	不銹鋼 Stainless Steels			鈦合金 Titanium Alloys	鎳基合金 Nickel Alloys	碳纖維 Carbon Fiber	玻璃纖維 Glass Fiber
C0.25%以下	C0.25%~0.45%	C0.45%以上	SCM	SKD	HRC 20~30	HRC 30~40	HRC 40~50	HRC 50~60	SC	FC	FCD	BS	PB	CU	AL	300	400	600	TI					
◎	◎	◎	◎	○	◎	○	○		◎	◎	◎					○	○	○	○	○				

○ 適用 ◎ 專用

特性：

- ◆ 利用特殊刀刃設計,有效降低加工時所產生的阻力,大幅提升刀具穩定性,搭配中心出水的方式讓鑽頭能夠擁有最好的冷卻效果與極佳的排屑效率。



鎢鋼鑽頭系列

DAH3D2A

單位:mm(Unit:mm)

刀具料號 Model No.	刃徑 d Diameter	溝長 l Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A0250A	2.5	17	50	4	●
DAH3D2A0255A	2.55			●	
DAH3D2A0260A	2.6			●	
DAH3D2A0265A	2.65			●	
DAH3D2A0270A	2.7			●	
DAH3D2A0275A	2.75			●	
DAH3D2A0280A	2.8			●	
DAH3D2A0285A	2.85			●	
DAH3D2A0290A	2.9			●	
DAH3D2A0295A	2.95			●	
DAH3D2A0030A	3.0	19	55	4	●
DAH3D2A3054A	3.05			●	
DAH3D2A3104A	3.1			●	
DAH3D2A3154A	3.15			●	
DAH3D2A3204A	3.2			●	
DAH3D2A3254A	3.25			●	
DAH3D2A3304A	3.3			●	
DAH3D2A3354A	3.35			●	
DAH3D2A3404A	3.4			●	
DAH3D2A3454A	3.45			●	
DAH3D2A3504A	3.5	●			
DAH3D2A3554A	3.55	22	60	4	●
DAH3D2A3604A	3.6			●	
DAH3D2A3654A	3.65			●	
DAH3D2A3704A	3.7			●	
DAH3D2A3754A	3.75			●	
DAH3D2A3804A	3.8			●	
DAH3D2A3854A	3.85			●	
DAH3D2A3904A	3.9			●	
DAH3D2A3954A	3.95			●	
DAH3D2A4004A	4.0			●	

○: 接單生產品 ●: 在庫品 ▲: 訂製品

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A0305A	3.05	19	55	6	●
DAH3D2A0310A	3.1			6	●
DAH3D2A0315A	3.15			6	●
DAH3D2A0320A	3.2			6	●
DAH3D2A0325A	3.25			6	●
DAH3D2A0330A	3.3			6	●
DAH3D2A0335A	3.35			6	●
DAH3D2A0340A	3.4			6	●
DAH3D2A0345A	3.45			6	●
DAH3D2A0350A	3.5			6	●
DAH3D2A0355A	3.55	22	60	6	●
DAH3D2A0360A	3.6			6	●
DAH3D2A0365A	3.65			6	●
DAH3D2A0370A	3.7			6	●
DAH3D2A0375A	3.75			6	●
DAH3D2A0380A	3.8			6	●
DAH3D2A0385A	3.85			6	●
DAH3D2A0390A	3.9			6	●
DAH3D2A0395A	3.95			6	●
DAH3D2A040A	4.0			6	●
DAH3D2A0405A	4.05	25	65	6	●
DAH3D2A0410A	4.1			6	●
DAH3D2A0415A	4.15			6	●
DAH3D2A0420A	4.2			6	●
DAH3D2A0425A	4.25			6	●
DAH3D2A0430A	4.3			6	●
DAH3D2A0435A	4.35			6	●
DAH3D2A0440A	4.4			6	●
DAH3D2A0445A	4.45			6	●
DAH3D2A0450A	4.5			6	●
DAH3D2A0455A	4.55	28	65	6	●
DAH3D2A0460A	4.6			6	●
DAH3D2A0465A	4.65			6	●
DAH3D2A0470A	4.7			6	●
DAH3D2A0475A	4.75			6	●
DAH3D2A0480A	4.8			6	●
DAH3D2A0485A	4.85			6	●
DAH3D2A0490A	4.9			6	●
DAH3D2A0495A	4.95			6	●
DAH3D2A0050A	5.0			6	●

○: 接單生產品 ●: 在庫品 ▲: 訂製品

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A0505A	5.05	30	75	6	●
DAH3D2A0510A	5.1			6	●
DAH3D2A0515A	5.15			6	●
DAH3D2A0520A	5.2			6	●
DAH3D2A0525A	5.25			6	●
DAH3D2A0530A	5.3			6	●
DAH3D2A0535A	5.35			6	●
DAH3D2A0540A	5.4			6	●
DAH3D2A0545A	5.45			6	●
DAH3D2A0550A	5.5			6	●
DAH3D2A0555A	5.55	32	75	6	●
DAH3D2A0560A	5.6			6	●
DAH3D2A0565A	5.65			6	●
DAH3D2A0570A	5.7			6	●
DAH3D2A0575A	5.75			6	●
DAH3D2A0580A	5.8			6	●
DAH3D2A0585A	5.85			6	●
DAH3D2A0590A	5.9			6	●
DAH3D2A0595A	5.95			6	●
DAH3D2A0600A	6.0			6	●
DAH3D2A0605A	6.05	35	85	8	●
DAH3D2A0610A	6.1			8	●
DAH3D2A0615A	6.15			8	●
DAH3D2A0620A	6.2			8	●
DAH3D2A0625A	6.25			8	●
DAH3D2A0630A	6.3			8	●
DAH3D2A0635A	6.35			8	●
DAH3D2A0640A	6.4			8	●
DAH3D2A0645A	6.45			8	●
DAH3D2A0650A	6.5			8	●
DAH3D2A0655A	6.55	37	85	8	●
DAH3D2A0660A	6.6			8	●
DAH3D2A0665A	6.65			8	●
DAH3D2A0670A	6.7			8	●
DAH3D2A0675A	6.75			8	●
DAH3D2A0680A	6.8			8	●
DAH3D2A0685A	6.85			8	●
DAH3D2A0690A	6.9			8	●
DAH3D2A0695A	6.95			8	●
DAH3D2A0700A	7.0			8	●
DAH3D2A0705A	7.05	39	90	8	●
DAH3D2A0710A	7.1			8	●
DAH3D2A0715A	7.15			8	●
DAH3D2A0720A	7.2			8	●
DAH3D2A0725A	7.25			8	●
DAH3D2A0730A	7.3			8	●
DAH3D2A0735A	7.35			8	●
DAH3D2A0740A	7.4			8	●
DAH3D2A0745A	7.45			8	●
DAH3D2A0750A	7.5			8	●

○: 接單生產品 ●: 在庫品 ▲: 訂製品

鎢鋼鑽頭系列

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A0755A	7.55	42	90	8	●
DAH3D2A0760A	7.6			8	●
DAH3D2A0765A	7.65			8	●
DAH3D2A0770A	7.7			8	●
DAH3D2A0775A	7.75			8	●
DAH3D2A0780A	7.8			8	●
DAH3D2A0785A	7.85			8	●
DAH3D2A0790A	7.9			8	●
DAH3D2A0795A	7.95			8	●
DAH3D2A0080A	8.0			8	●
DAH3D2A0805A	8.05	45	95	10	●
DAH3D2A0810A	8.1			10	●
DAH3D2A0815A	8.15			10	●
DAH3D2A0820A	8.2			10	●
DAH3D2A0825A	8.25			10	●
DAH3D2A0830A	8.3			10	●
DAH3D2A0835A	8.35			10	●
DAH3D2A0840A	8.4			10	●
DAH3D2A0845A	8.45			10	●
DAH3D2A0850A	8.5			10	●
DAH3D2A0855A	8.55	10	●		
DAH3D2A0860A	8.6	47	95	10	●
DAH3D2A0865A	8.65			10	●
DAH3D2A0870A	8.7			10	●
DAH3D2A0875A	8.75			10	●
DAH3D2A0880A	8.8			10	●
DAH3D2A0885A	8.85			10	●
DAH3D2A0890A	8.9			10	●
DAH3D2A0895A	8.95			10	●
DAH3D2A0090A	9.0			10	●
DAH3D2A0905A	9.05			49	100
DAH3D2A0910A	9.1	10	●		
DAH3D2A0915A	9.15	10	●		
DAH3D2A0920A	9.2	10	●		
DAH3D2A0925A	9.25	10	●		
DAH3D2A0930A	9.3	10	●		
DAH3D2A0935A	9.35	10	●		
DAH3D2A0940A	9.4	10	●		
DAH3D2A0945A	9.45	10	●		
DAH3D2A0950A	9.5	10	●		

○: 接單生產品 ●: 在庫品 ▲: 訂製品

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

鎢鋼鑽頭系列

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A0955A	9.55	52	100	10	●
DAH3D2A0960A	9.6			10	●
DAH3D2A0965A	9.65			10	●
DAH3D2A0970A	9.7			10	●
DAH3D2A0975A	9.75			10	●
DAH3D2A0980A	9.8			10	●
DAH3D2A0985A	9.85			10	●
DAH3D2A0990A	9.9			10	●
DAH3D2A0995A	9.95			10	●
DAH3D2A0100A	10.0			10	●
DAH3D2A1005A	10.05	54	105	12	●
DAH3D2A1010A	10.1			12	●
DAH3D2A1015A	10.15			12	●
DAH3D2A1020A	10.2			12	●
DAH3D2A1025A	10.25			12	●
DAH3D2A1030A	10.3			12	●
DAH3D2A1035A	10.35			12	●
DAH3D2A1040A	10.4			12	●
DAH3D2A1045A	10.45			12	●
DAH3D2A1050A	10.5			12	●
DAH3D2A1055A	10.55	56	105	12	●
DAH3D2A1060A	10.6			12	●
DAH3D2A1065A	10.65			12	●
DAH3D2A1070A	10.7			12	●
DAH3D2A1075A	10.75			12	●
DAH3D2A1080A	10.8			12	●
DAH3D2A1085A	10.85			12	●
DAH3D2A1090A	10.9			12	●
DAH3D2A1095A	10.95			12	●
DAH3D2A1100A	11.0			12	●
DAH3D2A1105A	11.05	58	110	12	●
DAH3D2A1110A	11.1			12	●
DAH3D2A1115A	11.15			12	●
DAH3D2A1120A	11.2			12	●
DAH3D2A1125A	11.25			12	●
DAH3D2A1130A	11.3			12	●
DAH3D2A1135A	11.35			12	●
DAH3D2A1140A	11.4			12	●
DAH3D2A1145A	11.45			12	●
DAH3D2A1150A	11.5			12	●
DAH3D2A1155A	11.55	60	110	12	●
DAH3D2A1160A	11.6			12	●
DAH3D2A1165A	11.65			12	●
DAH3D2A1170A	11.7			12	●
DAH3D2A1175A	11.75			12	●
DAH3D2A1180A	11.8			12	●
DAH3D2A1185A	11.85			12	●
DAH3D2A1190A	11.9			12	●
DAH3D2A1195A	11.95			12	●
DAH3D2A1200A	12.0			12	●

○: 接單生產品 ●: 在庫品 ▲: 訂製品

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A1205A	12.05	63	115	13	●
DAH3D2A1210A	12.1			13	●
DAH3D2A1215A	12.15			13	●
DAH3D2A1220A	12.2			13	●
DAH3D2A1225A	12.25			13	●
DAH3D2A1230A	12.3			13	●
DAH3D2A1235A	12.35			13	●
DAH3D2A1240A	12.4			13	●
DAH3D2A1245A	12.45			13	●
DAH3D2A1250A	12.5			13	●
DAH3D2A1255A	12.55			65	115
DAH3D2A1260A	12.6	13	●		
DAH3D2A1265A	12.65	13	●		
DAH3D2A1270A	12.7	13	●		
DAH3D2A1275A	12.75	13	●		
DAH3D2A1280A	12.8	13	●		
DAH3D2A1285A	12.85	13	●		
DAH3D2A1290A	12.9	13	●		
DAH3D2A1295A	12.95	13	●		
DAH3D2A1300A	13.0	13	●		
DAH3D2A1305A	13.05	68	125		
DAH3D2A1310A	13.1			14	▲
DAH3D2A1315A	13.15			14	▲
DAH3D2A1320A	13.2			14	▲
DAH3D2A1325A	13.25			14	▲
DAH3D2A1330A	13.3			14	▲
DAH3D2A1335A	13.35			14	▲
DAH3D2A1340A	13.4			14	▲
DAH3D2A1345A	13.45			14	▲
DAH3D2A1350A	13.5			14	●
DAH3D2A1355A	13.55			70	125
DAH3D2A1360A	13.6	14	▲		
DAH3D2A1365A	13.65	14	▲		
DAH3D2A1370A	13.7	14	▲		
DAH3D2A1375A	13.75	14	▲		
DAH3D2A1380A	13.8	14	▲		
DAH3D2A1385A	13.85	14	▲		
DAH3D2A1390A	13.9	14	▲		
DAH3D2A1395A	13.95	14	▲		
DAH3D2A1400A	14.0	14	●		

○: 接單生產品 ●: 在庫品 ▲: 訂製品

強力鎢鋼油孔鑽頭×3D

Carbide Drills with Internal Coolant Holes x3D

DAH3D2A

單位:mm(Unit:mm)

鎢鋼鑽頭系列

刀具料號 Model No.	刃徑 d Diameter	溝長 ℓ Grooving Length	全長 L Overall Length	柄徑 D Shank Diameter	在庫
DAH3D2A1405A	14.05	73	130	16	▲
DAH3D2A1410A	14.1			16	▲
DAH3D2A1415A	14.15			16	▲
DAH3D2A1420A	14.2			16	▲
DAH3D2A1425A	14.25			16	▲
DAH3D2A1430A	14.3			16	▲
DAH3D2A1435A	14.35			16	▲
DAH3D2A1440A	14.4			16	▲
DAH3D2A1445A	14.45			16	▲
DAH3D2A1450A	14.5			16	●
DAH3D2A1455A	14.55	75	130	16	▲
DAH3D2A1460A	14.6			16	▲
DAH3D2A1465A	14.65			16	▲
DAH3D2A1470A	14.7			16	▲
DAH3D2A1475A	14.75			16	▲
DAH3D2A1480A	14.8			16	▲
DAH3D2A1485A	14.85			16	▲
DAH3D2A1490A	14.9			16	▲
DAH3D2A1495A	14.95			16	▲
DAH3D2A1500A	15.0			16	●
DAH3D2A1505A	15.05	78	135	16	▲
DAH3D2A1510A	15.1			16	▲
DAH3D2A1515A	15.15			16	▲
DAH3D2A1520A	15.2			16	▲
DAH3D2A1525A	15.25			16	▲
DAH3D2A1530A	15.3			16	▲
DAH3D2A1535A	15.35			16	▲
DAH3D2A1540A	15.4			16	▲
DAH3D2A1545A	15.45			16	▲
DAH3D2A1550A	15.5			16	●
DAH3D2A1555A	15.55	80	135	16	▲
DAH3D2A1560A	15.6			16	▲
DAH3D2A1565A	15.65			16	▲
DAH3D2A1570A	15.7			16	▲
DAH3D2A1575A	15.75			16	▲
DAH3D2A1580A	15.8			16	▲
DAH3D2A1585A	15.85			16	▲
DAH3D2A1590A	15.9			16	▲
DAH3D2A1595A	15.95			16	▲
DAH3D2A1600A	16.0			16	●

○: 接單生產品 ●: 在庫品 ▲: 訂製品

切削條件表

Cutting Condition Table

切削條件表

Cutting Condition Table

Table 01 鎢鋼高速鑽頭/加強型鎢鋼鑽絞刀切濕式加工件表

Carbide High Speed Drill / Reinforced Carbide Drill Reamer Processing Condition Table

被削材	一般鋼		合金鋼		模具鋼		白鐵	
Work Material	SS400.S50C.FC250		SCM440		SKD61		SUS 400/600	
	~200HB		20~30HRC		30~40HRC			
外徑 Drill Dia (mm)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)
3	7650	380	6300	320	3330	170	4200	100
5	4590	590	3690	490	1980	230	2500	100
8	2880	590	2340	490	1260	230	2000	100
10	2300	590	1890	460	990	230	1600	100
12	1890	590	1530	430	860	210	1300	75
16	1440	500	1170	400	630	190	1000	75

切削條件注意事項：

- 1.請將鑽頭種類所標示的基準切削條件表內的數值作為新的加工並為大致標準。
- 2.因工件和加工設備的關係出現震動和異常聲響時，請根據情況變更加工條件。
- 3.如您使用的加工設備最高轉數到達基準切削條件時，請以其最高轉數進行加工。
此時，請按相同比例降低進給速度。
- 4.加工深度5D以上建議先加導引孔。
- 5.於車床上加工刀具中心點與主軸中心需準確。

Table 02 強力鎢鋼油孔鑽頭/加強型鎢鋼油孔鑽絞刀切濕式加工件表

Carbide Drill with Internal Coolant Holes / Reinforced Carbide Drill Reamer with Internal Coolant Holes Processing Condition Table

被削材	一般鋼		合金鋼		模具鋼		白鐵	
Work Material	SS400.S50C.FC250		SCM440		SKD61		SUS 400/600	
	~200HB		20~30HRC		30~40HRC			
外徑 Drill Dia (mm)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)	回轉速 Rotation (min ⁻¹)	進刀速度 Feed (mm/min)
3	7650	456	6300	384	3330	204	4200	120
5	4590	708	3690	588	1980	276	2500	120
8	2880	708	2340	588	1260	276	2000	120
10	2300	708	1890	552	990	276	1600	120
12	1890	708	1530	516	860	252	1300	90
16	1440	500	1170	480	630	228	1000	90

切削條件注意事項：

- 1.請將鑽頭種類所標示的基準切削條件表內的數值作為新的加工並為大致標準。
- 2.因工件和加工設備的關係出現震動和異常聲響時，請根據情況變更加工條件。
- 3.如您使用的加工設備最高轉數到達基準切削條件時，請以其最高轉數進行加工。
此時，請按相同比例降低進給速度。
- 4.加工深度5D以上建議先加導引孔。
- 5.於車床上加工刀具中心點與主軸中心需準確。