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鎢鋼鑽頭 Carbide Drill



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鎢鋼鑽頭識別系統

Carbide Drill Identification System

M E C 2 0600 S 03 D4

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1 材質 Grade	2 尖端角 Point Angle	3 油孔 Oil Hole	4 刃數 Flute	5 切削直徑 Cutting Diameter	6 刀尖形狀 Drill Tip Shapes	7 加工倍數 Processing Multiple	8 其他 Other
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1 材質 Grade

記號 Symbol	材質 Grade
E	E300
G	G300
H	H300
M	M500
P	P500
W	W500
SM	SM600
SW	SW600
SP	SP600

2 尖端角 Point Angle

記號 Symbol	尖端角 Point Angle
A	118°
B	120°
C	130°
D	135°
E	140°
F	142°
G	145°
H	150°
I	180°

5 切削直徑
Cutting Diameter

說明 Explanation
ex : 0220 : 2.2mm 2225 : 22.25mm

6 刀尖形狀 Drill Tip Shapes

記號 Symbol	說明 Explanation
S型	一般通用 General
X型	深孔及較硬材用 For Deep Holes And Harder Materials
XS型	深孔用 For Deep Holes

7 加工倍數
Processing Multiple

加工深度倍數 Processing Depth Multiple	02、03、04、05、08
深孔倍數 Deep Hole Multiple	10、12、15、20、25、30

8 其他 Other

記號 Symbol	說明 Explanation	記號 Symbol	說明 Explanation
A	同柄徑(小數點) Decimal Point of Shank (Same Shank)	TXX	錐度 Taper
DXX	特殊柄徑 Special Shank Diameter	LXXX	特殊刃長 Special Flute Length

規格圖標指南

Specification Icon Guide

圖標 Icon	說明 Explanation	圖標 Icon	說明 Explanation
MG	超微粒子超硬合金 Micro Grain Carbide	Altin TiSin	Altin 鋁鈦氮塗層 TiSin 矽鈦塗層
CO 10% CO 12%	含鈷量 Cobalt Content	E 300 G 300 H 300	材質 Grade
HRC <55 HRC <60	可被切削材硬度 Hardness Of Workpiece	M 500 P 500 W 500	
h8	刃徑公差 Tolerance Of Diameter	SM 600 SW 600 SP 600	
DIN 6537	符合DIN6537規範 Conform To DIN6537 Specifications	2D 3D 5D	加工深度倍數 Processing Depth Multiple

ME20 series Micro Diameter Solid Carbide Drill

微小徑鎢鋼鑽頭

採用AlTiN塗層，鑽尖結構優化，排屑表現優良
具高剛性、耐磨耗、耐高溫，鑽孔尺寸精準穩定

Coated with AlTiN and optimized drill tip geometry for excellent chip evacuation.

Offers high rigidity, wear resistance, and heat resistance. delivers precise and stable hole diameters.

Processing on

合金鋼
Alloy Steel

不鏽鋼
Stainless Steel

鑄鐵
Cast Iron

SPE20 series

微小徑抗震鎢鋼鑽頭

Micro Diameter Anti Vibration Solid Carbide Drill

SPEC20 series

微小徑中心出水式鎢鋼鑽頭

Micro Diameter Coolant Through Solid Carbide Drill

採用全新SP600塗層

Coated with the Latest SP600 Coating

抗崩損、耐高溫、擁有低阻抗能力
使鑽孔加工表現穩定，且延長加工
使用壽命。大幅提升切削排屑性能

Superior chipping resistance, high-temperature durability, and low cutting resistance.

Ensures stable drilling performance and extended tool life while significantly improving chip evacuation.

Processing on

合金鋼
Alloy Steel

碳鋼
Carbon Steel

不鏽鋼
Stainless Steel

尺寸齊全 歡迎詢問

Welcome to inquiry,
a complete range of
specifications
are in stock

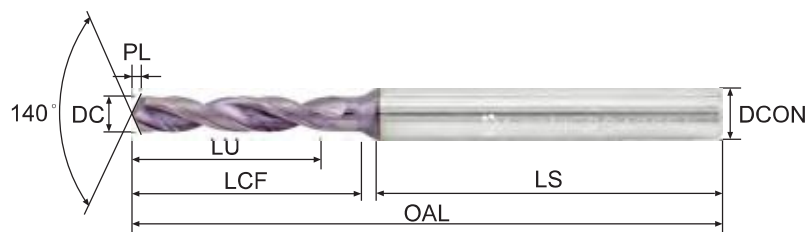
微小徑鎢鋼鑽頭全系列，夾角採用140°設計
適用專業醫療設備、電子、化學及工業等
精密細小零件之鑽孔加工。

採用進口高精度多軸磨刀機研磨生產，
尺寸精準且穩定。

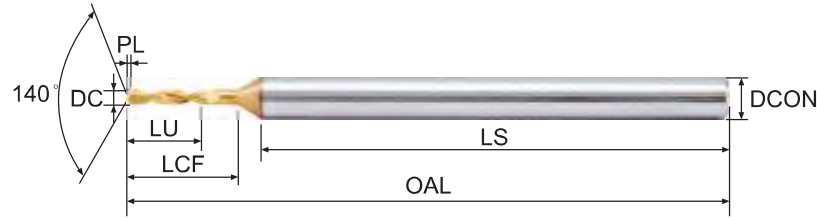
Featuring a 140° point angle design, these drills are ideal for precision drilling of small parts used in professional medical devices, electronics, chemical, and industrial applications. The entire micro-diameter drill series is manufactured using imported high-precision multi-axis grinding machines, ensuring precise and stable dimensions.



ME20

微小徑鎢鋼鑽頭
Micro Diameter Carbide Drill

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
ME20150S05	●	1.5	12	0.3	4	9	42	58	
ME20160S03	●	1.6	9	0.3	4	6	45	58	
ME20180S03	●	1.8	9	0.3	4	6	45	58	
ME20200S03	●	2	13	0.4	4	9	42	58	
ME20200S05	●	2	18	0.4	4	14	37	58	
ME20210S03	●	2.1	13	0.4	4	9	42	58	
ME20210S05	●	2.1	18	0.4	4	14	37	58	
ME20214S03	●	2.14	13	0.4	4	9	42	58	
ME20218S03	●	2.18	13	0.4	4	9	42	58	
ME20220S03	●	2.2	13	0.4	4	9	42	58	
ME20220S05	●	2.2	18	0.4	4	14	37	58	
ME20225S03	●	2.25	13	0.4	4	9	42	58	
ME20230S03	●	2.3	13	0.4	4	9	42	58	
ME20230S05	●	2.3	18	0.4	4	14	37	58	
ME20240S03	●	2.4	17	0.4	4	12	38	58	
ME20240S05	●	2.4	22	0.4	4	17	33	58	
ME20245S03	●	2.45	17	0.4	4	12	38	58	
ME20245S05	●	2.45	22	0.4	4	17	33	58	
ME20250S03	●	2.5	17	0.5	4	12	38	58	
ME20250S05	●	2.5	22	0.5	4	17	33	58	
ME20255S03	●	2.55	17	0.5	4	12	38	58	
ME20260S03	●	2.6	17	0.5	4	12	38	58	
ME20260S05	●	2.6	22	0.5	4	17	33	58	
ME20270S03	●	2.7	17	0.5	4	12	38	58	
ME20270S05	●	2.7	22	0.5	4	17	33	58	
ME20280S03	●	2.8	17	0.5	4	12	38	58	
ME20280S05	●	2.8	22	0.5	4	17	33	58	
ME20290S03	●	2.9	17	0.5	4	12	38	58	
ME20290S05	●	2.9	22	0.5	4	17	33	58	

SPE20 微小徑抗震鎢鋼鑽頭
 Micro Diameter Anti Vibration Carbide Drill

 新規格上市
 New Specification Arrival

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
NEW SPE20115S03	●	1.15	7	0.2	4	5	47	58	
NEW SPE20117S03	●	1.17	7	0.2	4	5	47	58	
NEW SPE20119S03	●	1.19	7	0.2	4	5	47	58	
NEW SPE20125S03	●	1.25	7	0.2	4	5	47	58	
NEW SPE20126S03	●	1.26	7	0.2	4	5	47	58	
NEW SPE20127S03	●	1.27	7	0.2	4	5	47	58	
NEW SPE20145S03	●	1.45	9	0.3	4	6	45	58	
NEW SPE20147S03		1.47	9	0.3	4	6	45	58	
NEW SPE20149S03	●	1.49	9	0.3	4	6	42	58	
SPE20150S05		1.5	12	0.3	4	9	42	58	
SPE20160S03		1.6	9	0.3	4	6	45	58	
NEW SPE20170S03	●	1.7	9	0.3	4	6	45	58	
SPE20180S03	●	1.8	9	0.3	4	6	42	58	
SPE20200S03	●	2	13	0.4	4	9	37	58	
SPE20200S05		2	18	0.4	4	14	42	58	
SPE20210S03		2.1	13	0.4	4	9	37	58	
SPE20210S05		2.1	18	0.4	4	14	42	58	
SPE20220S03	●	2.2	13	0.4	4	9	37	58	
SPE20220S05		2.2	18	0.4	4	14	42	58	
SPE20230S03	●	2.3	13	0.4	4	9	37	58	
SPE20230S05	●	2.3	18	0.4	4	14	38	58	
SPE20238S03		2.38	17	0.4	4	12	38	58	
SPE20240S03		2.4	17	0.4	4	12	33	58	
SPE20240S05		2.4	22	0.4	4	17	38	58	
SPE20250S03		2.5	17	0.5	4	12	33	58	
SPE20250S05		2.5	22	0.5	4	17	38	58	
SPE20260S03		2.6	17	0.5	4	12	33	58	
SPE20260S05		2.6	22	0.5	4	17	38	58	
SPE20270S03		2.7	17	0.5	4	12	33	58	
SPE20270S05		2.7	22	0.5	4	17	38	58	
SPE20278S03	●	2.78	17	0.5	4	12	38	58	
SPE20280S03		2.8	17	0.5	4	12	33	58	
SPE20280S05		2.8	22	0.5	4	17	38	58	
SPE20290S03	●	2.9	17	0.5	4	12	38	58	
SPE20290S05	●	2.9	22	0.5	6	17	33	58	



SPEC20

微小徑中心出水鎢鋼鑽頭
Micro Diameter Carbide Drill With Coolant

MG

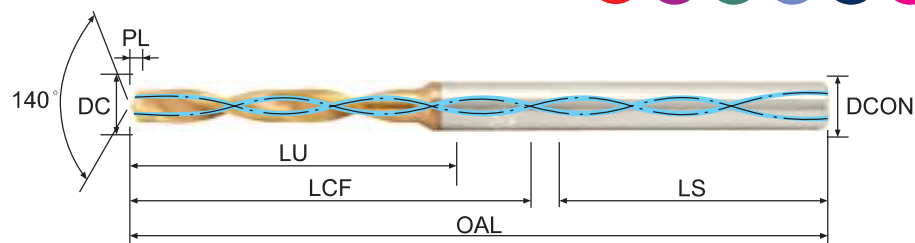
CO
10%HRC
<55SP
600DIN
6537

TiSiN

3D

5D

h8



產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20150S05		1.5	12	0.3	4	9	42	58	
SPEC20160S03		1.6	9	0.3	4	6	45	58	
SPEC20180S03		1.8	9	0.3	4	6	45	58	
SPEC20200S03		2	13	0.4	4	9	42	58	
SPEC20200S05	●	2	18	0.4	4	14	37	58	
SPEC20210S03		2.1	13	0.4	4	9	42	58	
SPEC20210S05		2.1	18	0.4	4	14	37	58	
SPEC20220S03	●	2.2	13	0.4	4	9	42	58	
SPEC20220S05	●	2.2	18	0.4	4	14	37	58	
SPEC20230S03		2.3	13	0.4	4	9	42	58	
SPEC20230S05		2.3	18	0.4	4	14	37	58	
SPEC20240S03		2.4	17	0.4	4	12	38	58	
SPEC20240S05		2.4	22	0.4	4	17	33	58	
SPEC20250S03	●	2.5	17	0.5	4	12	38	58	
SPEC20250S05		2.5	22	0.5	4	17	33	58	
SPEC20260S03	●	2.6	17	0.5	4	12	38	58	
SPEC20260S05	●	2.6	22	0.5	4	17	33	58	
SPEC20270S03		2.7	17	0.5	4	12	38	58	
SPEC20270S05		2.7	22	0.5	4	17	33	58	
SPEC20280S03		2.8	17	0.5	4	12	38	58	
SPEC20280S05	●	2.8	22	0.5	4	17	33	58	
SPEC20290S03		2.9	17	0.5	4	12	38	58	
SPEC20290S05		2.9	22	0.5	4	17	33	58	

特殊材質 Material

合金鋼
Alloy Steel

碳鋼
Carbon Steel

不鏽鋼
Stainless steel

專用

中心出水孔設計

Central Water Outlet Design

使鑽孔加工表現穩定且延長加工使用時間
Ensures stable drilling performance and extends tool life.

SPEC 20 系列

中心出水設計 鎢鋼鑽頭

Carbide Drill With Coolant

全新SP600塗層 高剛性、耐磨耗材質
抗崩損、耐高溫，抗震性絕佳

New SP600 Coating

Offers high rigidity, excellent wear and chipping resistance, outstanding heat resistance, and superior vibration resistance.

夾角140°設計 140 Angle Design

鑽尖結構優化設計，擁有低抗阻能力，
進給出水設計，大幅提升切削排屑性能。

The drill tip is optimized for low cutting resistance and high feed capability, significantly improving chip evacuation performance.

高進給單刀帶設計 High-Feed Single-Flute with Coolant Design

提升加工穩定性，延長加工使用時間。

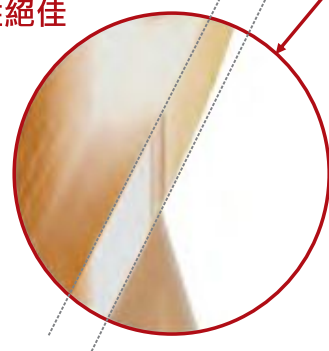
The unique high-feed single-flute design improves machining stability and extends tool life.

以進口頂級高精密多軸磨刀機研磨生產，尺寸精準且穩定。

Manufactured using top-grade, high-precision imported multi-axis grinders to ensure accurate and stable dimensions.

尺寸齊全 歡迎詢問

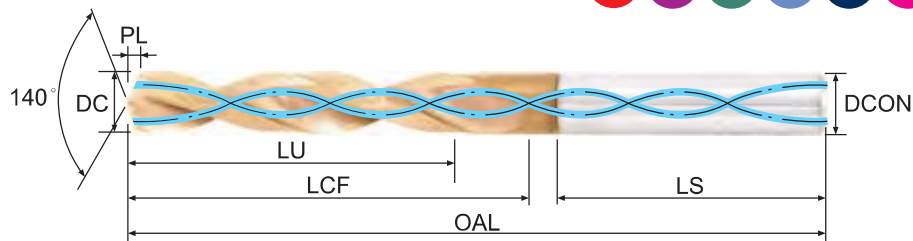
Welcome to inquiry, a complete range of specifications are in stock



高進給單刀帶設計
High feed single flute design.



SPEC20 中心出水鎢鋼鑽頭
Carbide Drill With Coolant



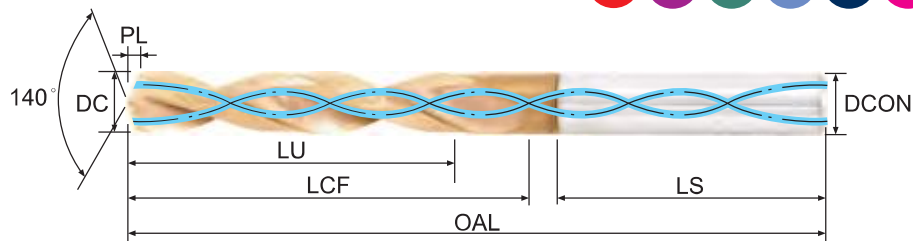
產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20300S03D4		3	20	0.5	4	14	36	62	
SPEC20300S03		3	20	0.5	6	14	36	62	
SPEC20300S05D4	●	3	28	0.5	4	23	36	66	
SPEC20300S05	●	3	25	0.5	6	23	36	66	
SPEC20310S03D4		3.1	20	0.6	4	14	36	62	
SPEC20310S03	●	3.1	20	0.6	6	14	36	62	
SPEC20310S05D4		3.1	28	0.6	4	23	36	66	
SPEC20310S05	●	3.1	25	0.6	6	23	36	66	
SPEC20320S03D4		3.2	20	0.6	4	14	36	62	
SPEC20320S03		3.2	20	0.6	6	14	36	62	
SPEC20320S05D4		3.2	28	0.6	4	23	36	66	
SPEC20320S05	●	3.2	28	0.6	6	23	36	66	
SPEC20330S03D4		3.3	20	0.6	4	14	36	62	
SPEC20330S03		3.3	20	0.6	6	14	36	62	
SPEC20330S05D4		3.3	28	0.6	4	23	36	66	
SPEC20330S05	●	3.3	28	0.6	6	23	36	66	
SPEC20340S03D4		3.4	20	0.6	4	14	36	62	
SPEC20340S03		3.4	20	0.6	6	14	36	62	
SPEC20340S05D4		3.4	28	0.6	4	23	36	66	
SPEC20340S05	●	3.4	28	0.6	6	23	36	66	
SPEC20350S03D4		3.5	20	0.6	4	14	36	62	
SPEC20350S03		3.5	20	0.6	6	14	36	62	
SPEC20350S05D4		3.5	28	0.6	4	23	36	66	
SPEC20350S05	●	3.5	28	0.6	6	23	36	66	
SPEC20360S03D4		3.6	20	0.7	4	14	36	62	
SPEC20360S03		3.6	20	0.7	6	14	36	62	
SPEC20360S05D4		3.6	28	0.7	4	23	36	66	
SPEC20360S05	●	3.6	28	0.7	6	23	36	66	
SPEC20370S03D4		3.7	20	0.7	4	14	36	62	
SPEC20370S03		3.7	20	0.7	6	14	36	62	
SPEC20370S05D4		3.7	28	0.7	4	23	36	66	
SPEC20370S05	●	3.7	28	0.7	6	23	36	66	
SPEC20380S03D4		3.8	24	0.7	4	17	36	66	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20380S03		3.8	24	0.7	6	17	36	66	
SPEC20380S05D4		3.8	36	0.7	4	29	36	74	
SPEC20380S05	●	3.8	36	0.7	6	29	36	74	
SPEC20390S03D4		3.9	24	0.7	4	17	36	66	
SPEC20390S03		3.9	24	0.7	6	17	36	66	
SPEC20390S05D4		3.9	36	0.7	4	29	36	74	
SPEC20390S05	●	3.9	36	0.7	6	29	36	74	
SPEC20400S03D4		4	24	0.7	4	17	36	66	
SPEC20400S03		4	24	0.7	6	17	36	66	
SPEC20400S05D4		4	36	0.7	4	29	36	74	
SPEC20400S05	●	4	36	0.7	6	29	36	74	
SPEC20410S03		4.1	24	0.7	6	17	36	66	
SPEC20410S05	●	4.1	36	0.7	6	29	36	74	
SPEC20420S03		4.2	24	0.8	6	17	36	66	
SPEC20420S05	●	4.2	36	0.8	6	29	36	74	
SPEC20430S03		4.3	24	0.8	6	17	36	66	
SPEC20430S05	●	4.3	36	0.8	6	29	36	74	
SPEC20440S03		4.4	24	0.8	6	17	36	66	
SPEC20440S05	●	4.4	36	0.8	6	29	36	74	
SPEC20450S03		4.5	24	0.8	6	17	36	66	
SPEC20450S05	●	4.5	36	0.8	6	29	36	74	
SPEC20460S03	●	4.6	24	0.8	6	17	36	66	
SPEC20460S05	●	4.6	36	0.8	6	29	36	74	
SPEC20470S03	●	4.7	24	0.9	6	17	36	66	
SPEC20470S05	●	4.7	36	0.9	6	29	36	74	
SPEC20480S03		4.8	28	0.9	6	20	36	66	
SPEC20480S05	●	4.8	44	0.9	6	35	36	82	
SPEC20490S03		4.9	28	0.9	6	20	36	66	
SPEC20490S05	●	4.9	44	0.9	6	35	36	82	
SPEC20500S03		5	28	0.9	6	20	36	66	
SPEC20500S05	●	5	44	0.9	6	35	36	82	
SPEC20510S03		5.1	28	0.9	6	20	36	66	
SPEC20510S05	●	5.1	44	0.9	6	35	36	82	
SPEC20520S03		5.2	28	0.9	6	20	36	66	
SPEC20520S05	●	5.2	44	0.9	6	35	36	82	
SPEC20530S03		5.3	28	1	6	20	36	66	
SPEC20530S05	●	5.3	44	1	6	35	36	82	
SPEC20540S03		5.4	28	1	6	20	36	66	
SPEC20540S05	●	5.4	44	1	6	35	36	82	
SPEC20550S03	●	5.5	28	1	6	20	36	66	
SPEC20550S05	●	5.5	44	1	6	35	36	82	

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SPEC20 中心出水鎢鋼鑽頭
Carbide Drill With Coolant



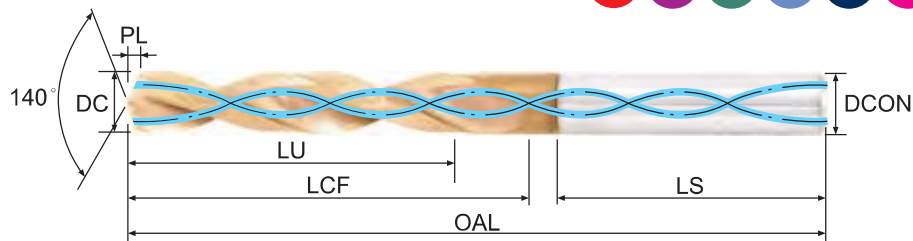
產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20560S03		5.6	28	1	6	20	36	66	
SPEC20560S05	●	5.6	44	1	6	35	36	82	
SPEC20570S03		5.7	28	1	6	20	36	66	
SPEC20570S05	●	5.7	44	1	6	35	36	82	
SPEC20580S03		5.8	28	1.1	6	20	36	66	
SPEC20580S05	●	5.8	44	1.1	6	35	36	82	
SPEC20590S03		5.9	28	1.1	6	20	36	66	
SPEC20590S05	●	5.9	44	1.1	6	35	36	82	
SPEC20600S03	●	6	28	1.1	6	20	36	66	
SPEC20600S05	●	6	44	1.1	6	35	36	82	
SPEC20610S03		6.1	34	1.1	8	24	36	79	
SPEC20610S05	●	6.1	53	1.1	8	43	36	91	
SPEC20620S03		6.2	34	1.1	8	24	36	79	
SPEC20620S05	●	6.2	53	1.1	8	43	36	91	
SPEC20630S03		6.3	34	1.1	8	24	36	79	
SPEC20630S05	●	6.3	53	1.1	8	43	36	91	
SPEC20640S03		6.4	34	1.2	8	24	36	79	
SPEC20640S05	●	6.4	53	1.2	8	43	36	91	
SPEC20650S03		6.5	34	1.2	8	24	36	79	
SPEC20650S05	●	6.5	53	1.2	8	43	36	91	
SPEC20660S03		6.6	34	1.2	8	24	36	79	
SPEC20660S05	●	6.6	53	1.2	8	43	36	91	
SPEC20670S03		6.7	34	1.2	8	24	36	79	
SPEC20670S05	●	6.7	53	1.2	8	43	36	91	
SPEC20680S03		6.8	34	1.2	8	24	36	79	
SPEC20680S05	●	6.8	53	1.2	8	43	36	91	
SPEC20690S03	●	6.9	34	1.3	8	24	36	79	
SPEC20690S05	●	6.9	53	1.3	8	43	36	91	
SPEC20700S03		7	34	1.3	8	24	36	79	
SPEC20700S05	●	7	53	1.3	8	43	36	91	
SPEC20710S03		7.1	41	1.3	8	29	36	79	
SPEC20710S05	●	7.1	53	1.3	8	43	36	91	
SPEC20720S03		7.2	41	1.3	8	29	36	79	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20720S05	●	7.2	53	1.3	8	43	36	91	
SPEC20730S03		7.3	41	1.3	8	29	36	79	
SPEC20730S05	●	7.3	53	1.3	8	43	36	91	
SPEC20740S03		7.4	41	1.3	8	29	36	79	
SPEC20740S05	●	7.4	53	1.3	8	43	36	91	
SPEC20750S03	●	7.5	41	1.4	8	29	36	79	
SPEC20750S05	●	7.5	53	1.4	8	43	36	91	
SPEC20760S03		7.6	41	1.4	8	29	36	79	
SPEC20760S05	●	7.6	53	1.4	8	43	36	91	
SPEC20770S03		7.7	41	1.4	8	29	36	79	
SPEC20770S05	●	7.7	53	1.4	8	43	36	91	
SPEC20780S03		7.8	41	1.4	8	29	36	79	
SPEC20780S05	●	7.8	53	1.4	8	43	36	91	
SPEC20790S03		7.9	41	1.4	8	29	36	79	
SPEC20790S05	●	7.9	53	1.4	8	43	36	91	
SPEC20800S03		8	41	1.5	8	29	36	79	
SPEC20800S05	●	8	53	1.5	8	43	36	91	
SPEC20810S03		8.1	47	1.5	10	35	40	89	
SPEC20810S05	●	8.1	61	1.5	10	49	40	103	
SPEC20820S03		8.2	47	1.5	10	35	40	89	
SPEC20820S05	●	8.2	61	1.5	10	49	40	103	
SPEC20830S03		8.3	47	1.5	10	35	40	89	
SPEC20830S05	●	8.3	61	1.5	10	49	40	103	
SPEC20840S03		8.4	47	1.5	10	35	40	89	
SPEC20840S05	●	8.4	61	1.5	10	49	40	103	
SPEC20850S03		8.5	47	1.5	10	35	40	89	
SPEC20850S05	●	8.5	61	1.5	10	49	40	103	
SPEC20860S03		8.6	47	1.6	10	35	40	89	
SPEC20860S05		8.6	61	1.6	10	49	40	103	
SPEC20870S03		8.7	47	1.6	10	35	40	89	
SPEC20870S05	●	8.7	61	1.6	10	49	40	103	
SPEC20880S03	●	8.8	47	1.6	10	35	40	89	
SPEC20880S05	●	8.8	61	1.6	10	49	40	103	
SPEC20890S03	●	8.9	47	1.6	10	35	40	89	
SPEC20890S05	●	8.9	61	1.6	10	49	40	103	
SPEC20900S03	●	9	47	1.6	10	35	40	89	
SPEC20900S05	●	9	61	1.6	10	49	40	103	
SPEC20910S03		9.1	47	1.7	10	35	40	89	
SPEC20910S05	●	9.1	61	1.7	10	49	40	103	
SPEC20920S03		9.2	47	1.7	10	35	40	89	
SPEC20920S05	●	9.2	61	1.7	10	49	40	103	

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SPEC20 中心出水鎢鋼鑽頭
Carbide Drill With Coolant



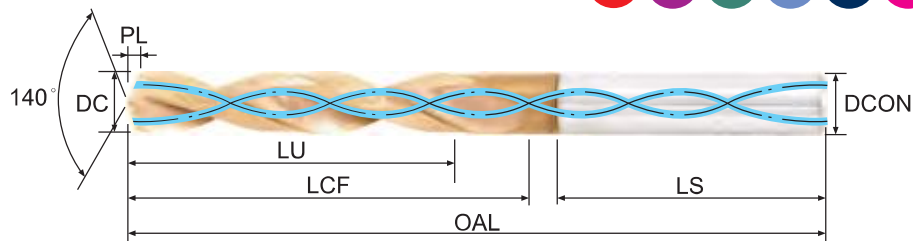
產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC20930S03		9.3	47	1.7	10	35	40	89	
SPEC20930S05	●	9.3	61	1.7	10	49	40	103	
SPEC20940S03		9.4	47	1.7	10	35	40	89	
SPEC20940S05		9.4	61	1.7	10	49	40	103	
SPEC20950S03		9.5	47	1.7	10	35	40	89	
SPEC20950S05	●	9.5	61	1.7	10	49	40	103	
SPEC20960S03		9.6	47	1.7	10	35	40	89	
SPEC20960S05	●	9.6	61	1.7	10	49	40	103	
SPEC20970S03	●	9.7	61	1.8	10	35	40	89	
SPEC20970S05		9.7	61	1.8	10	49	40	103	
SPEC20980S03		9.8	47	1.8	10	35	40	89	
SPEC20980S05	●	9.8	61	1.8	10	49	40	103	
SPEC20990S03		9.9	47	1.8	10	35	40	89	
SPEC20990S05	●	9.9	61	1.8	10	49	40	103	
SPEC21000S03		10	47	1.8	10	35	40	89	
SPEC21000S05	●	10	61	1.8	10	49	40	103	
SPEC21010S03		10.1	55	1.8	12	40	45	102	
SPEC21010S05	●	10.1	71	1.8	12	56	45	118	
SPEC21020S03		10.2	55	1.9	12	40	45	102	
SPEC21020S05	●	10.2	71	1.9	12	56	45	118	
SPEC21030S03		10.3	55	1.9	12	40	45	102	
SPEC21030S05	●	10.3	71	1.9	12	56	45	118	
SPEC21040S03		10.4	55	1.9	12	40	45	102	
SPEC21040S05	●	10.4	71	1.9	12	56	45	118	
SPEC21050S03		10.5	55	1.9	12	40	45	102	
SPEC21050S05		10.5	71	1.9	12	56	45	118	
SPEC21060S03		10.6	55	1.9	12	40	45	102	
SPEC21060S05		10.6	71	1.9	12	56	45	118	
SPEC21070S03		10.7	55	1.9	12	40	45	102	
SPEC21070S05	●	10.7	71	1.9	12	56	45	118	
SPEC21080S03		10.8	55	2	12	40	45	102	
SPEC21080S05		10.8	71	2	12	56	45	118	
SPEC21090S03		10.9	55	2	12	40	45	102	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC21090S05		10.9	71	2	12	56	45	118	
SPEC21100S03		11	55	2	12	40	45	102	
SPEC21100S05	●	11	71	2	12	56	45	118	
SPEC21110S03		11.1	55	2	12	40	45	102	
SPEC21110S05		11.1	71	2	12	56	45	118	
SPEC21120S03		11.2	55	2	12	40	45	102	
SPEC21120S05		11.2	71	2	12	56	45	118	
SPEC21130S03		11.3	55	2.1	12	40	45	102	
SPEC21130S05		11.3	71	2.1	12	56	45	118	
SPEC21140S03		11.4	55	2.1	12	40	45	102	
SPEC21140S05		11.4	71	2.1	12	56	45	118	
SPEC21150S03		11.5	55	2.1	12	40	45	102	
SPEC21150S05	●	11.5	71	2.1	12	56	45	118	
SPEC21160S03		11.6	55	2.1	12	40	45	102	
SPEC21160S05		11.6	71	2.1	12	56	45	118	
SPEC21170S03		11.7	55	2.1	12	40	45	102	
SPEC21170S05		11.7	71	2.1	12	56	45	118	
SPEC21180S03		11.8	55	2.1	12	40	45	102	
SPEC21180S05		11.8	71	2.1	12	56	45	118	
SPEC21190S03		11.9	55	2.2	12	40	45	102	
SPEC21190S05		11.9	71	2.2	12	56	45	118	
SPEC21200S03		12	55	2.2	12	40	45	102	
SPEC21200S05	●	12	71	2.2	12	56	45	118	
SPEC21210S03		12.1	60	2.2	14	43	45	107	
SPEC21210S05		12.1	77	2.2	14	60	45	124	
SPEC21220S03	●	12.2	60	2.2	14	43	45	107	
SPEC21220S05		12.2	77	2.2	14	60	45	124	
SPEC21230S03		12.3	60	2.2	14	43	45	107	
SPEC21230S05		12.3	77	2.2	14	60	45	124	
SPEC21250S03	●	12.5	60	2.3	14	43	45	107	
SPEC21250S05		12.5	77	2.3	14	60	45	124	
SPEC21260S03		12.6	60	2.3	14	43	45	107	
SPEC21260S05		12.6	77	2.3	14	60	45	124	
SPEC21270S03	●	12.7	60	2.3	14	43	45	107	
SPEC21270S05	●	12.7	77	2.3	14	60	45	124	
SPEC21280S03		12.8	60	2.3	14	43	45	107	
SPEC21280S05		12.8	77	2.3	14	60	45	124	
SPEC21290S03		12.9	60	2.3	14	43	45	107	
SPEC21290S05		12.9	77	2.3	14	60	45	124	
SPEC21300S03		13	60	2.4	14	43	45	107	
SPEC21300S05		13	77	2.4	14	60	45	124	

※ 請接下頁。 ※ Continued on next page.

SPEC20 中心出水鎢鋼鑽頭
Carbide Drill With Coolant



產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC21310S03		13.1	60	2.4	14	43	45	107	
SPEC21310S05		13.1	77	2.4	14	60	45	124	
SPEC21350S03		13.5	60	2.5	14	43	45	107	
SPEC21350S05		13.5	77	2.5	14	60	45	124	
SPEC21380S03		13.8	60	2.5	14	43	45	107	
SPEC21380S05		13.8	77	2.5	14	60	45	124	
SPEC21400S03		14	60	2.5	14	43	45	107	
SPEC21400S05		14	77	2.5	14	60	45	124	
SPEC21430S03		14.3	65	2.6	16	45	48	115	
SPEC21430S05		14.3	83	2.6	16	63	48	133	
SPEC21450S03		14.5	65	2.6	16	45	48	115	
SPEC21450S05		14.5	83	2.6	16	63	48	133	
SPEC21480S03		14.8	65	2.7	16	45	48	115	
SPEC21480S05		14.8	83	2.7	16	63	48	133	
SPEC21500S03	●	15	65	2.7	16	45	48	115	
SPEC21500S05	●	15	83	2.7	16	63	48	133	
SPEC21510S03		15.1	65	2.7	16	45	48	115	
SPEC21510S05		15.1	83	2.7	16	63	48	133	
SPEC21550S03		15.5	65	2.8	16	45	48	115	
SPEC21550S05		15.5	83	2.8	16	63	48	133	
SPEC21580S03		15.8	65	2.9	16	45	48	115	
SPEC21580S05		15.8	83	2.9	16	63	48	133	
SPEC21600S03	●	16	65	2.9	16	45	48	115	
SPEC21600S05		16	83	2.9	16	63	48	133	
SPEC21650S03		16.5	73	3	18	51	48	123	
SPEC21650S05		16.5	93	3	18	71	48	143	
SPEC21680S03		16.8	73	3.1	18	51	48	123	
SPEC21680S05		16.8	93	3.1	18	71	48	143	
SPEC21700S03		17	73	3.1	18	51	48	123	
SPEC21700S05		17	93	3.1	18	71	48	143	
SPEC21750S03		17.5	73	3.2	18	51	48	123	
SPEC21750S05		17.5	93	3.2	18	71	48	143	
SPEC21780S03		17.8	73	3.2	18	51	48	123	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	排屑槽長度 LCF	頂端至肩部尺寸差 PL	柄部直徑 DCON	可使用長度 LU	刀柄長度 LS	全長 OAL	價格 Price
SPEC21780S05		17.8	93	3.2	18	71	48	143	
SPEC21790S03		17.9	73	3.3	18	51	48	123	
SPEC21790S05		17.9	93	3.3	18	71	48	143	
SPEC21800S03		18	73	3.3	18	51	48	123	
SPEC21800S05		18	93	3.3	18	71	48	143	
SPEC21830S03		18.3	79	3.3	20	55	50	131	
SPEC21830S05		18.3	101	3.3	20	77	50	153	
SPEC21850S03		18.5	79	3.4	20	55	50	131	
SPEC21850S05		18.5	101	3.4	20	77	50	153	
SPEC21880S03		18.8	79	3.4	20	55	50	131	
SPEC21880S05		18.8	101	3.4	20	77	50	153	
SPEC21900S03		19	79	3.5	20	55	50	131	
SPEC21900S05		19	101	3.5	20	77	50	153	
SPEC21950S03		19.5	79	3.5	20	55	50	131	
SPEC21950S05		19.5	101	3.5	20	77	50	153	
SPEC21980S03		19.8	79	3.6	20	55	50	131	
SPEC21980S05		19.8	101	3.6	20	77	50	153	
SPEC22000S03		20	79	3.6	20	55	50	131	
SPEC22000S05		20	101	3.6	20	77	50	153	

EI20 鎢鋼平鑽系列

EI20 Carbide Flat Drill Series



全新E300材質

Brand New E300 Material

高剛性、耐磨耗、耐高溫

High rigidity, excellent wear resistance, and high temperature tolerance.

✓ 適應各式高速CNC銑削加工。

Suitable for various high-speed CNC milling processes.

採用德國WALTER五軸機研磨生產

Produced by German WALTER five-axis machine

研磨尺寸精準且穩定

Ensures precise and consistent dimensions

✓ 加工不平整表面工件等多用途
穩定性佳、精度高、效能佳。

Capable of processing uneven surfaces and suitable for multiple applications. Offers excellent stability, high precision, and reliable performance.

✓ 加工完成後底部可形成平面。

After machining, a flat surface can be achieved at the bottom of the workpiece.

特殊塗層可加工
Special Coating for

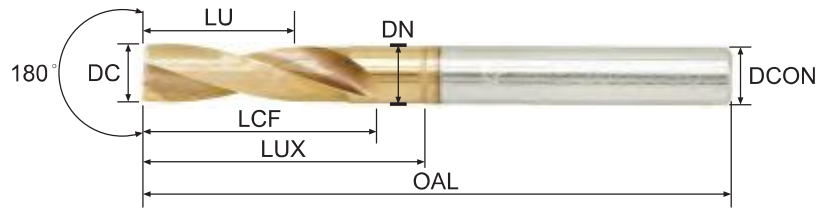
合金鋼
Alloy Steel

碳鋼
Carbon Steel

不鏽鋼
Stainless Steel

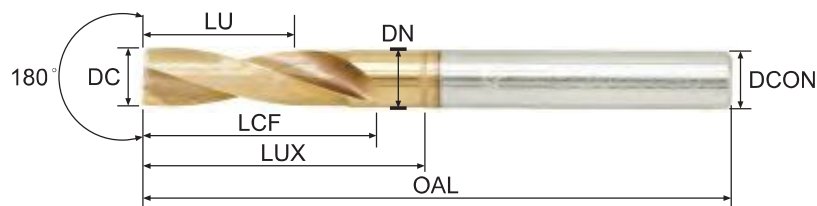
尺寸齊全 歡迎詢問

A complete range of sizes is available — feel free to inquire.

EI20 鎢鋼平鑽
 Carbide Flat Drill

新規格上市
 New Specification Arrival

產品型號 Model No	在庫 Stock	切削直徑 DC	頸徑 DN	柄部直徑 DCON	可使用長度 LU	排屑槽長度 LCF	刀徑長度 LUX	全長 OAL	價格 Price
EI20200S02		2	1.9	4	6	8	8.3	50	
EI20210S02		2.1	2	4	6.3	8.4	8.7	50	
EI20220S02		2.2	2.1	4	6.6	8.8	9.1	50	
EI20230S02		2.3	2.2	4	6.9	9.2	9.5	50	
EI20240S02		2.4	2.3	4	7.2	9.6	9.9	50	
EI20250S02		2.5	2.4	4	7.5	10	10.5	50	
EI20260S02		2.6	2.5	4	7.8	10.4	11.1	50	
EI20270S02		2.7	2.6	4	8.1	10.8	11.7	50	
EI20280S02	●	2.8	2.7	4	8.4	11.2	12.2	50	
EI20290S02		2.9	2.8	4	8.7	11.6	12.8	50	
EI20300S02		3	2.9	6	9	12	12.3	50	
EI20310S02	●	3.1	3	6	9.3	12.4	12.7	50	
EI20320S02		3.2	3.1	6	9.6	12.8	13.1	50	
EI20330S02		3.3	3.2	6	9.9	13.2	13.5	50	
EI20340S02		3.4	3.3	6	10.2	13.6	13.9	50	
EI20350S02		3.5	3.4	6	10.5	14	14.3	50	
EI20360S02		3.6	3.5	6	10.8	14.4	14.9	50	
EI20370S02	●	3.7	3.6	6	11.1	14.8	15.5	50	
EI20380S02		3.8	3.7	6	11.4	15.2	16	50	
EI20390S02		3.9	3.8	6	11.7	15.6	16.6	50	
EI20400S02	●	4	3.9	6	12	16	17.2	50	
EI20410S02		4.1	4	6	12.3	16.4	17.8	60	
EI20420S02		4.2	4.1	6	12.6	16.8	18.4	60	
EI20430S02	●	4.3	4.2	6	12.9	17.2	18.9	60	
EI20440S02		4.4	4.3	6	13.2	17.6	19.5	60	
EI20450S02	●	4.5	4.4	6	13.5	18	20.1	60	
EI20460S02		4.6	4.5	6	13.8	18.4	20.7	60	
EI20470S02		4.7	4.6	6	14.1	18.8	21.3	60	
EI20480S02		4.8	4.7	6	14.4	19.2	21.8	60	
EI20490S02		4.9	4.8	6	14.7	19.6	22.4	60	
EI20500S02		5	4.9	6	15	20	23	60	
EI20510S02		5.1	5	6	15.3	20.4	23.6	60	
EI20520S02	●	5.2	5.1	6	15.6	20.8	24.2	60	

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新規格上市
New Specification Arrival

產品型號 Model No	在庫 Stock	切削直徑 DC	頸徑 DN	柄部直徑 DCON	可使用長度 LU	排屑槽長度 LCF	刀徑長度 LUX	全長 OAL	價格 Price
EI20530S02	●	5.3	5.2	6	15.9	21.2	24.7	60	
EI20540S02		5.4	5.3	6	16.2	21.6	25.3	60	
EI20550S02		5.5	5.4	6	16.5	22	25.9	60	
EI20560S02		5.6	5.5	6	16.8	22.4	26.5	60	
EI20570S02		5.7	5.6	6	17.1	22.8	27.1	60	
EI20580S02		5.8	5.7	6	17.4	23.2	27.6	60	
EI20590S02		5.9	5.8	6	17.7	23.6	28.2	60	
EI20600S02	●	6	5.9	6	18	24	28.8	60	
NEW EI20604S02	●	6.04	5.94	8	18.12	24.1	28.8	75	
EI20610S02		6.1	6	8	18.3	24.4	27.4	75	
EI20620S02		6.2	6.1	8	18.6	24.8	28	75	
EI20630S02		6.3	6.2	8	18.9	25.2	28.5	75	
EI20640S02		6.4	6.3	8	19.2	25.6	29.1	75	
EI20650S02		6.5	6.4	8	19.5	26	29.7	75	
EI20660S02		6.6	6.5	8	19.8	26.4	30.3	75	
EI20670S02		6.7	6.6	8	20.1	26.8	30.9	75	
EI20680S02		6.8	6.7	8	20.4	27.2	31.4	75	
EI20690S02	●	6.9	6.8	8	20.7	27.6	32	75	
EI20700S02		7	6.9	8	21	28	32.6	75	
EI20710S02	●	7.1	7	8	21.3	28.4	33.2	75	
EI20720S02		7.2	7.1	8	21.6	28.8	33.8	75	
EI20730S02		7.3	7.2	8	21.9	29.2	34.3	75	
EI20740S02		7.4	7.3	8	22.2	29.6	34.9	75	
EI20750S02	●	7.5	7.4	8	22.5	30	35.5	75	
NEW EI20754S02	●	7.54	7.44	8	22.62	30.1	35.8	75	
EI20760S02		7.6	7.5	8	22.8	30.4	36.1	75	
EI20770S02		7.7	7.6	8	23.1	30.8	36.7	75	
EI20780S02		7.8	7.7	8	23.4	31.2	37.2	75	
EI20790S02		7.9	7.8	8	23.7	31.6	37.8	75	
EI20800S02		8	7.9	8	24	32	38.4	75	
EI20810S02		8.1	8	10	24.3	32.4	37	80	
EI20820S02		8.2	8.1	10	24.6	32.8	37.6	80	
EI20830S02		8.3	8.2	10	24.9	33.2	38.1	80	

※ 請接下頁。 ※ Continued on next page.

產品型號 Model No	在庫 Stock	切削直徑 DC	頸徑 DN	柄部直徑 DCON	可使用長度 LU	排屑槽長度 LCF	刀徑長度 LUX	全長 OAL	價格 Price
EI20840S02		8.4	8.3	10	25.2	33.6	38.7	80	
EI20850S02		8.5	8.4	10	25.5	34	39.3	80	
EI20860S02		8.6	8.5	10	25.8	34.4	39.9	80	
EI20870S02		8.7	8.6	10	26.1	34.8	40.5	80	
EI20880S02		8.8	8.7	10	26.4	35.2	41	80	
EI20890S02	●	8.9	8.8	10	26.7	35.6	41.6	80	
EI20900S02		9	8.9	10	27	36	42.2	80	
EI20910S02		9.1	9	10	27.3	36.4	42.8	80	
EI20920S02		9.2	9.1	10	27.6	36.8	43.4	80	
EI20930S02		9.3	9.2	10	27.9	37.2	43.9	80	
EI20940S02		9.4	9.3	10	28.2	37.6	44.5	80	
EI20950S02		9.5	9.4	10	28.5	38	45.1	80	
EI20960S02		9.6	9.5	10	28.8	38.4	45.7	80	
EI20970S02		9.7	9.6	10	29.1	38.8	46.3	80	
EI20980S02		9.8	9.7	10	29.4	39.2	46.8	80	
EI20990S02		9.9	9.8	10	29.7	39.6	47.4	80	
EI21000S02		10	9.9	10	30	40	48	80	
EI21010S02		10.1	10	12	30.3	40.4	46.6	100	
EI21020S02		10.2	10.1	12	30.6	40.8	47.2	100	
EI21030S02		10.3	10.2	12	30.9	41.2	47.7	100	
EI21040S02		10.4	10.3	12	31.2	41.6	48.3	100	
EI21050S02		10.5	10.4	12	31.5	42	48.9	100	
EI21060S02		10.6	10.5	12	31.8	42.4	49.5	100	
EI21070S02		10.7	10.6	12	32.1	42.8	50.1	100	
EI21080S02		10.8	10.7	12	32.4	43.2	50.6	100	
EI21090S02		10.9	10.8	12	32.7	43.6	51.2	100	
EI21100S02		11	10.9	12	33	44	51.8	100	
EI21110S02	●	11.1	11	12	33.3	44.4	52.4	100	
EI21120S02		11.2	11.1	12	33.6	44.8	53	100	
EI21130S02		11.3	11.2	12	33.9	45.2	53.5	100	
EI21140S02		11.4	11.3	12	34.2	45.6	54.1	100	
EI21150S02		11.5	11.4	12	34.5	46	54.7	100	
EI21160S02		11.6	11.5	12	34.8	46.4	55.3	100	
EI21170S02		11.7	11.6	12	35.1	46.8	55.9	100	
EI21180S02		11.8	11.7	12	35.4	47.2	56.4	100	
EI21190S02		11.9	11.8	12	35.7	47.6	57	100	
EI21200S02		12	11.9	12	36	48	57.6	100	



鎢鋼鑽頭、中心出水鎢鋼鑽頭、鎢鋼平鑽 切削參數

The Cutting Data For Carbide Drill and Carbide Drill With Coolant and Carbide Flat Drill

被加工材質 Material

鋼 Steel

合金鋼 Alloy Steel

碳 鋼 Carbon Steel

不鏽鋼 Stainless steel

鑄 鐵 Cast Iron

直徑 (mm) Shank	鎢鋼 Cast Iron K		P 合金鋼、碳鋼 Alloy Steel、Carbon Steel		M 不鏽鋼 Stainless Steel	
	鋼 Steel					
	進給速度 f (mm/rev)	轉速 n (min)	進給速度 f (mm/rev)	轉速 n (min)	進給速度 f (mm/rev)	轉速 n (min)
2	0.06	6300	0.06	6300	0.04	4800
3	0.08	4200	0.08	4200	0.07	3200
4	0.1	3200	0.1	3200	0.07	2400
5	0.14	2600	0.14	2600	0.1	1900
6	0.15	2100	0.15	2100	0.1	1600
7	0.16	1800	0.16	1800	0.12	1400
8	0.18	1600	0.18	1600	0.14	1200
9	0.2	1400	0.2	1400	0.14	1100
10	0.2	1300	0.2	1300	0.14	950
11	0.2	1150	0.2	1150	0.18	870
12	0.2	1100	0.2	1100	0.18	800
14	0.2	900	0.2	900	0.18	680
16	0.2	800	0.2	800	0.18	600
20	0.2	650	0.2	650	0.18	480