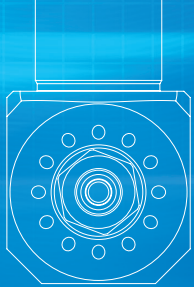


加工參數

Working parameters (40Bar)



鑽孔 Drilling							
材質 Material	硬度 Hardness	刀具直徑 (mm)	水壓 (bar)	轉速 (rpm)	Ae (mm)	Ap (mm)	Fz (mm)
軟鐵 Soft iron	< 25 HRC	0.5	20	33000	0.5		0.01
		0.5	30	38000	0.5		0.01
		0.5	40	40000	0.5		0.01
		1	20	33000	1		0.01
		1	30	38000	1		0.01
		1	40	40000	1		0.01
不鏽鋼 Stainless steel	< 35 HRC	0.5	20	33000	0.5		0.01
		0.5	30	38000	0.5		0.01
		0.5	40	40000	0.5		0.01
		1	20	33000	1		0.01
		1	30	38000	1		0.01
		1	40	40000	1		0.01

槽銑 Slot milling							
材質 Material	硬度 Hardness	刀具直徑 (mm)	水壓 (bar)	轉速 (rpm)	Ae (mm)	Ap (mm)	Fz (mm)
軟鐵 Soft iron	< 25 HRC	1	20	33000	1	0.10	0.02
		1	30	38000	1	0.10	0.02
		1	40	40000	1	0.10	0.02
		2	20	33000	2	0.15	0.02
		2	30	38000	2	0.15	0.02
		2	40	40000	2	0.15	0.02
不鏽鋼 Stainless steel	< 35 HRC	1	20	33000	1	0.10	0.015
		1	30	38000	1	0.10	0.015
		1	40	40000	1	0.10	0.015
		2	20	33000	2	0.15	0.015
		2	30	38000	2	0.15	0.015
		2	40	40000	2	0.15	0.015

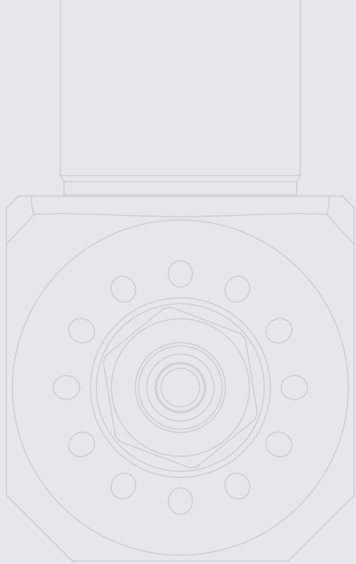
肩銑 Shoulder milling							
材質 Material	硬度 Hardness	刀具直徑 (mm)	水壓 (bar)	轉速 (rpm)	Ae (mm)	Ap (mm)	Fz (mm)
軟鐵 Soft iron	< 25 HRC	2	20	33000	0.15	2	0.02
		2	30	38000	0.15	2	0.02
		2	40	40000	0.15	2	0.02
不鏽鋼 Stainless steel	< 35 HRC	2	20	33000	0.10	2	0.015
		2	30	38000	0.10	2	0.015
		2	40	40000	0.10	2	0.015



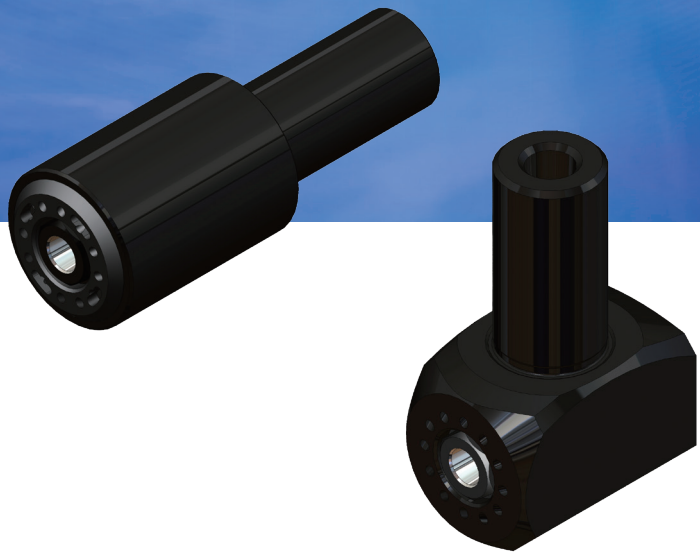
豪力輝工業股份有限公司
HOLD WELL INDUSTRIAL CO., LTD.
台中市大雅區雅環路 2 段 120 巷 10 弄 31 號
No.31, Aly. 10, Ln. 120, Sec. 2, Yahuan Rd.,
DaYa Dist., Taichung City 428, Taiwan (R.O.C.)
contact@holdwell.com



www.holdwell.com



Speed Well



高速流體主軸
Coolant Driven Spindle



ISO 9001:2015
ID 9105040234

產品特色
Features

- 流體驅動
Coolant driven

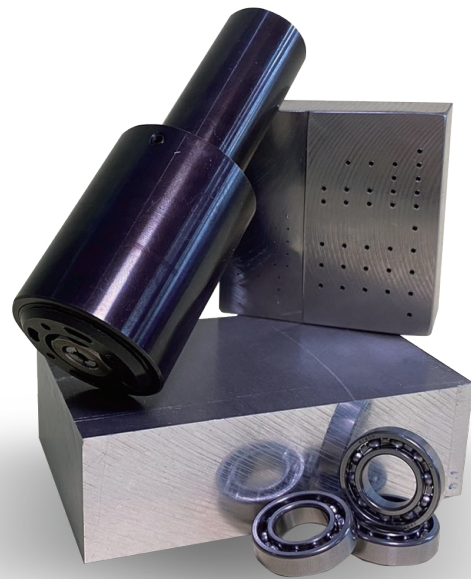
無需額外電力，降低能源消耗。
No additional power is required. Reduce energy consumption.
- 小直徑銑削
Small-diameter milling

提升小直徑刀具切削效率。
Improve the cutting efficiency of small-diameter tools.
- 曲面加工
Curved surface machining

提升球刀、成形刀切削效率。
Improve the cutting efficiency of ball-end mills and forming tools.
- 延長刀具壽命
Extend tool life

提高切削刀具潤滑及冷卻效果，減少磨損。
Enhance and tear lubrication and cooling efficiency to reduce wear.
- 精密產業應用
Application fields

適用於半導體、醫療、航太、模具等領域。
Suitable for semiconductor, medical, aerospace, and mold industries.



適用加工 Applicable Machining

- 細微多孔 Micro hole drilling

• 銑削 Milling

• 鑽孔 Drilling
- 內孔 Inner hole drilling

• 磨削 Grinding

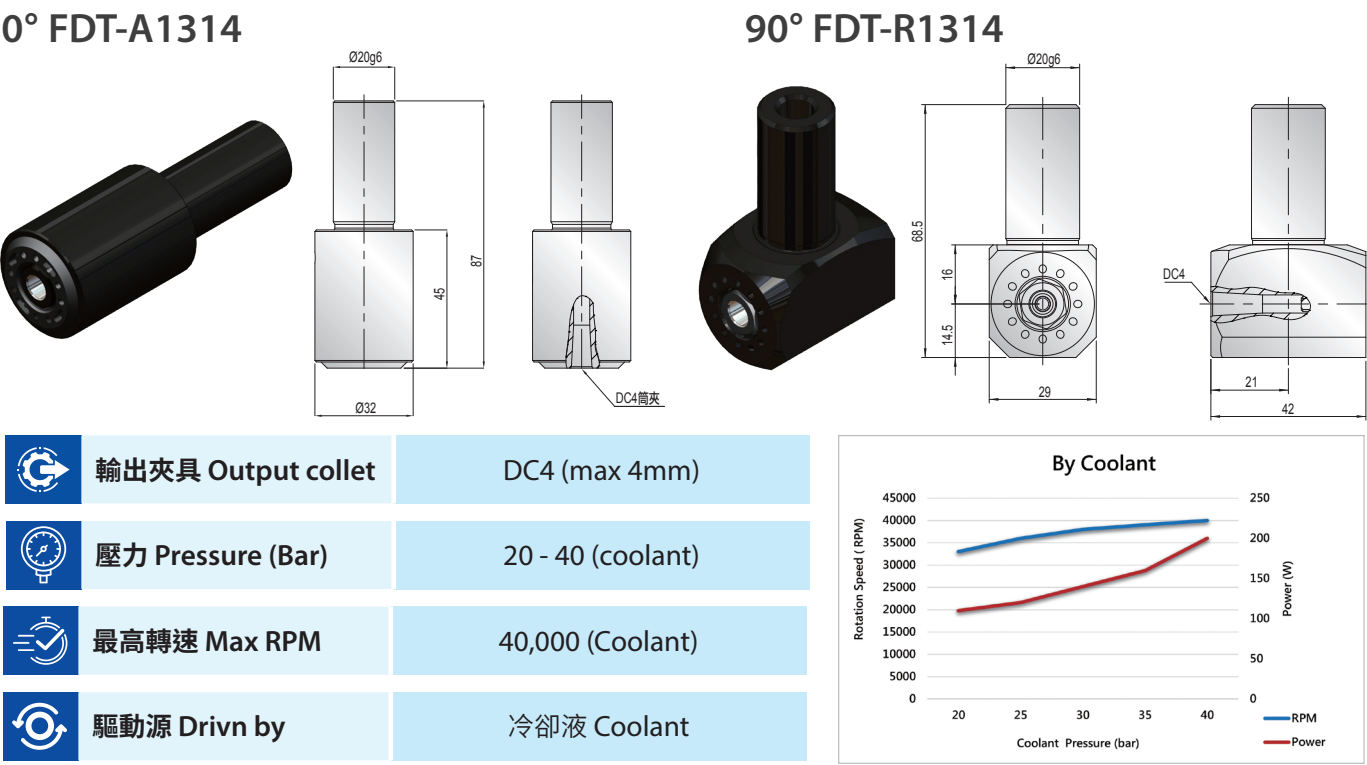
• 倒角 Chamfering
- 雕刻 Engraving

• 曲面 Curved surfaces machining

• 側孔 Side hole drilling

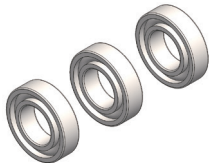
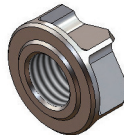
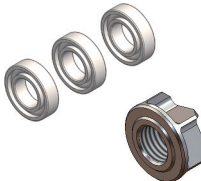


規格
Specification & Technical data



By Coolant

Coolant Pressure (bar)	Rotation Speed (RPM)	Power (W)
20	~32,000	~100
25	~35,000	~120
30	~38,000	~150
35	~39,000	~180
40	~40,000	~200

售後維修包 Repair kit			
敘述 Decription	 軸承 Bearing	 扇葉 Blade	 軸承 Bearing + 扇葉 Blade
數量 Quantity	3 pcs / 1 set	1 pc	3 pcs / 1 pc
零件品號 Part Number	2FD-00009	2FD-00011	2FD-00008

選配工具 Optional		專用工具 Dedicated tool		
敘述 Description	 筒夾 Collet DC4 Ø3mm	 筒夾 Collet DC4 Ø4mm	 扇葉 - 螺帽板手 Disassembly wrench	 筒夾退出板手 Collet removal wrench
數量 Quantity	1 pc	1 pc	1 pc	1 pc
零件品號 Part Number	701-0105503	701-0105504	2FD-00006	

*本公司保有變動規格及顏色的權益 請聯絡當地代理或業務人員已獲得最新資訊。
*All specications are subject to change without further notice. Please consult your local dealer or agent for latest information.
*軸承/扇葉 可單一或套組購買。
*Bearing/Blade products are available individually or as a set.
*筒夾均為制式品。
*Repair kit can be purchased individually or as a set.