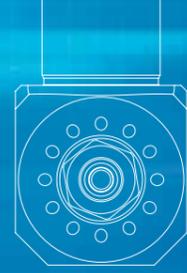


加工參數 Working parameters (40Bar)



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



Speed Well



高速流體主軸
Coolant Driven Spindle



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
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DaYa Dist., Taichung City 428, Taiwan (R.O.C.)
contact@holdwell.com



www.holdwell.com



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.



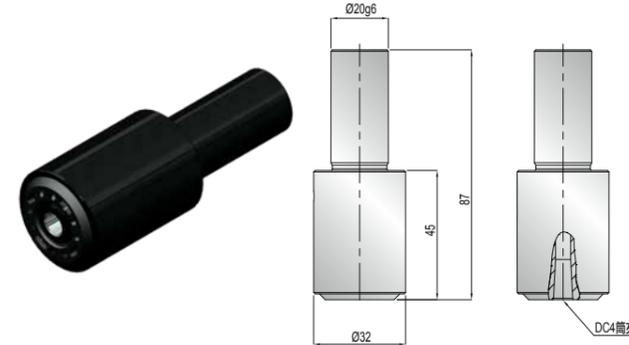
適用加工 Applicable Machining

- 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

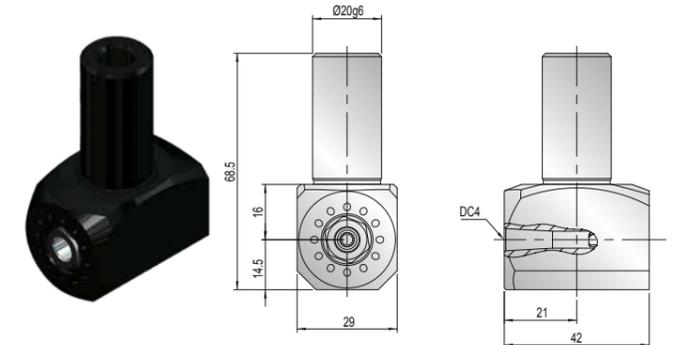


規格 Specification & Technical data

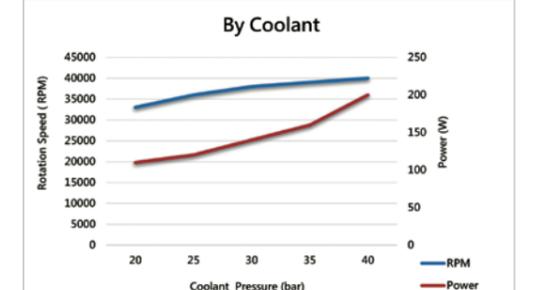
0° FDT-A1314



90° FDT-R1314



	輸出夾具 Output collet	DC4 (max 4mm)
	壓力 Pressure (Bar)	20 - 40 (coolant)
	最高轉速 Max RPM	40,000 (Coolant)
	驅動源 Driven by	冷卻液 Coolant



售後維修包 Repair kit

敘述 Description			
	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 - 螺帽扳手 Disassembly wrench	筒夾退出扳手 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 specifications 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.