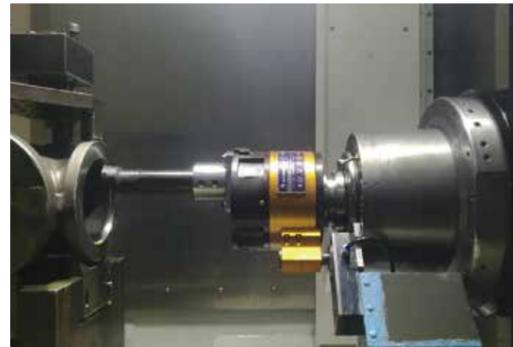
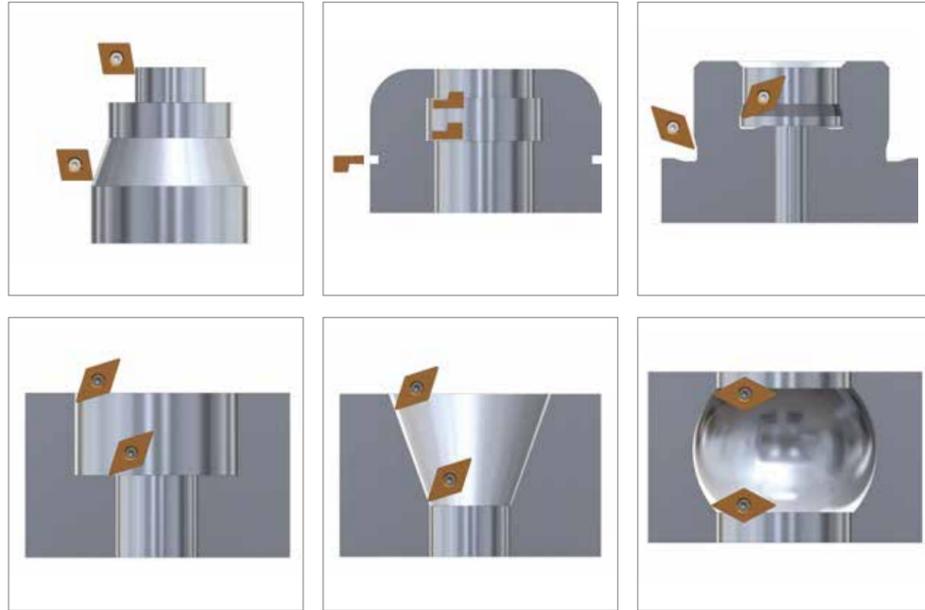


加工應用及範例 Application



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 specification are subject to change without further notice. Please consult your local dealer or agent for latest information.

HOLDWELL 主要產品

- U-Axis Boring and Facing Head
- Angle Head
- Driven & Static Tool Holder
- Vise
- Dovetail Holder
- U 軸搪削頭
- 橫向銑頭
- 動力刀座
- 虎鉗
- 鳩尾刀座



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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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ISO 9001:2015
ID 9105040234

U軸搪削頭
U-AXIS Boring and Facing Head

產品特色 Features

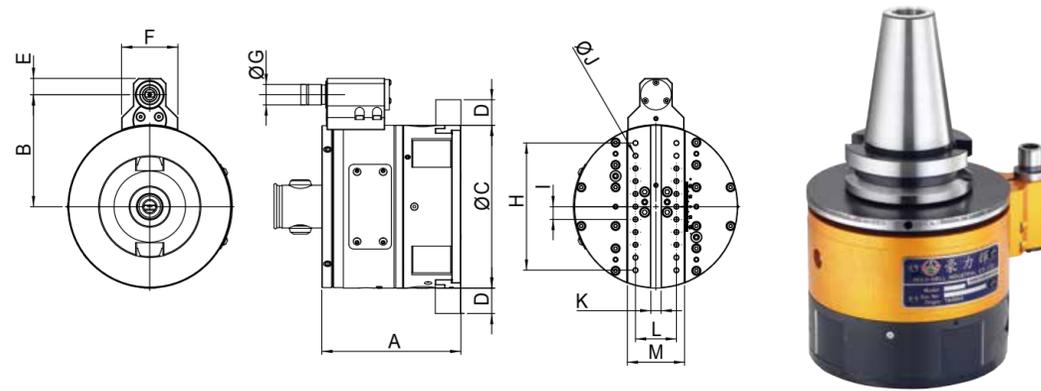
- 可用於一般綜合加工機，經由一個 U 軸伺服馬達控制搪削頭的滑塊徑向位移，且可在主軸旋轉中同步進給加工，可完成車牙、錐度、切槽、逃溝、曲面等加工，實現中心加工機車削的功能。
- 自動換刀功能，結合一般加工工序，實現不中斷、一機到底的最高加工效率。
- 配合模式化刀盤設計，刀具變化性高，一支刀把即可完成所有工序，節省成本。
- 增加特殊配重塊設計，可於調整尺寸時，平衡刀具重心偏移問題，減少加工震顫。

- With a U-Drive unit commanding the feed control of the tool slide and tool placement even during rotation, it is made to offer the solution to a series of processes such as threading, conical threading, grooves, slots, curve surface machining and other complex profiles. It makes it possible to do turning operations on all machine centers.
- It is designed to be used on automatic tool changers to maximize the working efficiency.
- Modular tool-holder slide with interchangeable design permits the various tool applications and machining.
- It is specially designed with two counter-weights for automatic balancing, which move opposite to the slide to effectively eliminate oscillations.

目標工件 Target Workpieces



規格 Specfiction & Technical data



單位：mm

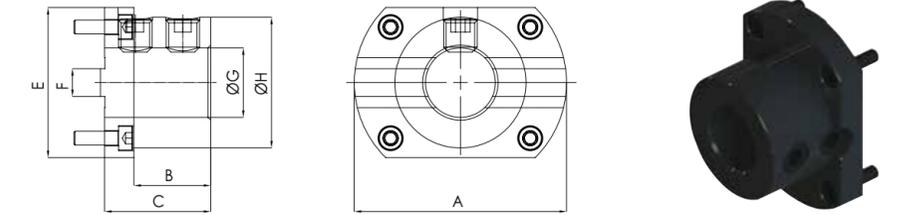
Technical data	BHA-100	BHA-125	BHA-160	BHA-200
A	100	104	136	136
B	80/110	80/110	110	110
C	100	125	160	200
D 滑塊位移量 Radial Traverse	±12	±17	±25	±32.5
E	16	16	16	16
F	43	43	54	55
G	20	20	20	20
H	75	100	125	175
I	12.5	12.5	12.5	16
J	M4	M4	M6	M5
K	8	8	10	10
L	31	31	40	40
M	40	45	56	58
N.W.(KG)	6	7.6	19.5	25
進給量 Feed (mm/min)	500			
徑向力 Radial force (daN)	150	200	250	250
最高轉速 Max. speed (RPM)	2000	1800	1600	1400
扭力 Torque (Nm)	400	600	800	800
搪孔精度 Boring accuracy	H7			
最大加工直徑 Max. workable	200	250	320	400
移除率 Mac chip (mm2 C40)	0.75	0.85	1	1
表面粗糙度 Roughness (Ra)	0.8			

* 主軸尺寸有 BT40、BT50、HSK63 可供選擇 Further option : BT40、BT50、HSK63

* 以 S50C 中碳鋼為加工標準，且需滿足刀具、工件、環境等條件。The above data is carried out on S50C steel and under some specific conditions of cutting tool, workpiece material, and working environments.

配件 Accessories

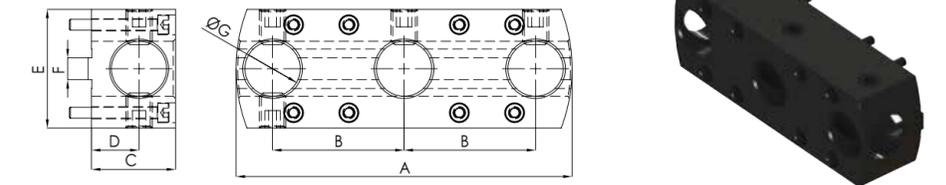
單孔鎖刀座 Single Tool Holder Slide



單位：mm

Model No.	A	B	C	E	F	ØG	H	N.W.	Order No.
BHA-100	45	17	23.5	40	8	16	30	0.2	2AB-00040
BHA-160	76	27.5	38	54	10	25	47	0.6	2AB-00023

四孔鎖刀座 4 Pos. Tool Holder Slide



單位：mm

Model No.	A	B	C	D	E	F	G	N.W.	Order No.
BHA-100	95	37	25	14.5	40	8	16	0.6	2AB-00041
BHA-160	152	59.5	38	21.5	54	10	25	1.6	2AB-00022

另有客製化鎖刀座可供選擇 Further option : Customized tool holder slide.

選購配件 Optional Accessories

驅動模組安裝示意圖 Direction of U-Drive Unit installation



90度驅動模組 90° U-Drive Unit

0度驅動模組 0° U-Drive Unit