

NAME AND FUNCTION OF EACH PART :

- **軸心**：連接螺紋鑽頭、接夾或各式快速接頭套。
- **刻度轉換器固定螺帽**：旋轉調整刻度轉換器，調整對準後旋緊固定之。
- **刻度轉換器**：上刻有刻度，可調整變換欲鑽孔距離。
- **刻度對準線**：旋轉刻度轉換器刻度線，並對準欲鑽孔距離於刻度對準線。
- **外殼**：鋁合金製，採人體工學設計，流利外型，擁有絕佳的鑽孔視野。
- **後蓋**：依據不同的鑽孔機型，配合適用的內徑與長度。
- **外夾**：用以固定鑽孔頭於鑽孔機主軸。
- **油嘴**：注入潤滑油處。

- **SPINDLE**: The spindle may accommodate threaded drill bit, chuck and quick chuck.
- **GRADUATED ADJUSTER LOCK NUT**: Loosen the lock nut before adjusting the graduated adjuster. Tighten the lock nut securely after adjustment.
- **GRADUATED ADJUSTER**: The graduated adjuster has graduations on its surface, which are used for reading the adjustment amount of distance between spindles.
- **INDICATOR**: Turn the graduated adjuster until your desired distance between holes is just aligned with the indicator.
- **CASE**: The boring head case is manufactured from aluminum alloy. The case features ergonomics design with beautiful outlook and superior boring eyeshot.
- **BACK COVER**: Designed with various inside diameter and lengths to suit various sizes of boring machines.
- **CLAMP**: Used for fastening boring head into spindle at boring machine.
- **GREASE NIPPLE**: Used for shooting grease through the grease nipple.



2 軸調整鑽孔頭
2-SPINDLE BORING HEAD



3 軸調整鑽孔頭 (直線排列式)
3-SPINDLE (LINEAR) BORING HEAD



3 軸調整鑽孔頭 (弧形排列型)
3-SPINDLE (CIRCULAR) BORING HEAD



4 軸調整鑽孔頭 (弧形排列型)
4-SPINDLE (CIRCULAR) BORING HEAD



絞鏈鑽孔頭系列
HINGE BORING HEAD



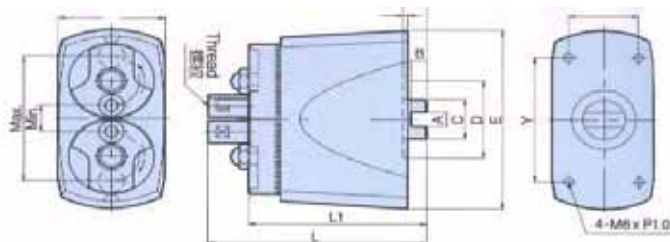
5 軸梅花型鑽孔頭
5-SPINDLE BORING HEAD



排鑽系列
LINE BORING HEAD



2-SPINDLE BORING HEAD

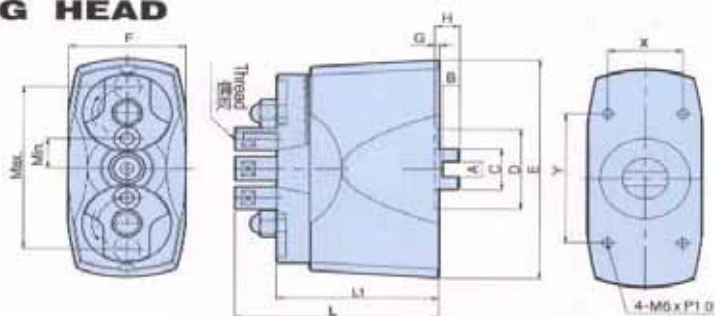


- 可調式軸距：13.5-164 mm
- 木材最大鑽孔能力：
∅10-∅50 mm
- 鑽孔頭可承受高速運轉達
6000 RPM
- 獨特的弧度原理
- 探刻度尺指示調整之軸距離
- 適合一般家用標品玩具組合
系列
- 可裝在一般鑽孔機使用

- Adjustable spacing between spindle: 13.5 - 164 mm.
- Great drilling capacity for wood ∅10 - ∅ 50 mm.
- The boring head accommodates high running speed up to 6000 RPM
- Exclusively designed with arc theorem.
- Graduation adjustment for the desired size between two spindles
- Ideal for application for general home products, assembly toys etc.
- Suited for fitting on general boring machines.

MODEL 型式	DIMENSIONS (mm) 尺寸												SPACING (mm) 間距			Spindle Type 軸心樣式	WEIGHT 重量 kg
	A	B	C	D	E	F	G	H	L1	L	X	Y	Min 最小	Max 最大	Max capacity 最大鑽孔能力		
2C-W13	10	10	28	55	106.5	57	3	15	115	140.5	40	73.8	13.5	73.5	∅10	m8x1.25	2.7
2C-W18	10	10	28	55	127.5	67	3	15	112	137	46	88.8	18	90	∅15	m8x1.25, m10x1.5	3.5
2C-W25	10	10	28	55	191	109	3	16	120	145	70.7	70.7	25	151	∅15	m8x1.25, m10x1.5	7.4
2C-W22	10	10	28	55	143	82	3	15	114	139	46	88.8	22	106	∅20	m8x1.25, m10x1.5	4.2
2C-W26	10	10	28	55	166	92	3	16	120	145	46	88.8	26	126	∅30	m8x1.25, m10x1.5	5.8
2C-W36	10	10	28	55	211	114	3	16	138	163	70.7	70.7	36	164	∅50	m8x1.25, m10x1.5	10
2C-W19	10	10	28	55	127.5	67	3	15	112	137	46	88.8	3/4"	3 1/2"	∅ 5/8"	7/16" x 14	3.6
2C-W254	10	10	28	55	191	109	3	15	120	145	70.7	70.7	1"	5 3/4"	∅ 5/8"	7/16" x 14	7.4

**3軸調整鑽孔頭 (直線排列式)
3-SPINDLE (LINEAR) BORING HEAD**

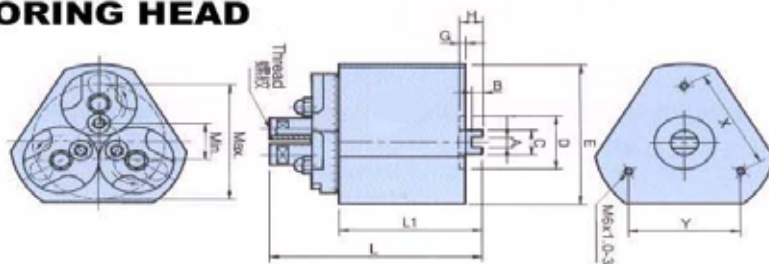


- 可調式軸距：14-200 mm
- 木材最大鑽孔能力：
∅10-∅50 mm
- 鑽孔頭可承受高速運轉達
6000 RPM
- 獨特的弧度原理
- 探刻度尺可調整等距直線
排列型式加工
- 適合一般傢具類玩具組合
系列
- 可裝在一般鑽孔機使用

- Adjustable distance between spindles: 14 - 200 mm.
- Great drilling capacity for wood ∅10 - ∅ 50 mm.
- The boring head accommodates high running speed up to 6000 RPM
- Exclusively designed with arc theorem.
- Graduation adjustment for boring fixed distance holes on line.
- Ideal for application for general furniture, assembly toys etc.
- Suited for fitting on general boring machines.

MODEL 型式	DIMENSIONS (mm) 尺寸												SPACING (mm) 間距			Spindle Type 軸心樣式	WEIGHT 重量 kg
	A	B	C	D	E	F	G	H	L1	L	X	Y	Min 最小	Max 最大	Max capacity 最大鑽孔能力		
3C-W14	10	10	28	55	121	58	3	18	107	132	40	73.8	14	88	∅10	m8x1.25, m10x1.5	2.7
3C-W20	10	10	28	55	150	71	3	17	112	137	46	88.8	20	112	∅15	m8x1.25, m10x1.5	4.0
3C-W22	10	10	28	55	162	76	3	17	114	139	46	88.8	22	128	∅20	m8x1.25, m10x1.5	4.8
3C-W26	10	10	28	55	191	92	3	15	118.5	143.5	46	88.8	26	152	∅30	m8x1.25, m10x1.5	7.2
3C-W36	10	10	28	72	251	114	3	15	141	166	70.7	70.7	36	200	∅50	m8x1.25, m10x1.5	12.8

3-SPINDLE (CIRCULAR) BORING HEAD



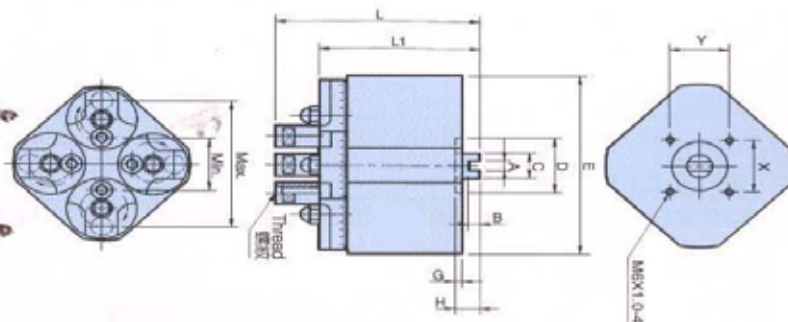
- 可調式軸距：∅22-∅180 mm。
- 木材最大鑽孔能力：∅10-∅50 mm。
- 鑽孔頭可承受高速運轉達 6000 RPM。
- 獨特的弧度原理。
- 探刻度尺可調整等距三角形加工。
- 適合一般傢俱類玩具組合系列。
- 可裝在一般鑽孔機使用。

- Adjustable distance between spindles: ∅22 - ∅180 mm.
- Great drilling capacity for wood ∅10 - ∅50 mm.
- The boring head accommodates high running speed up to 6000 RPM.
- Exclusively designed with arc theorem.
- Graduation adjustment for boring fixed hold distance on triangle layout.
- Ideal for application for general furniture, and assembly toys etc.
- Suited for fitting on general boring machines.

MODEL 型式	DIMENSIONS (mm) 尺寸											SPACING(mm) 間距			Spindle Type 軸心模式	WEIGHT 重量 kg
	A	B	C	D	E	G	H	L1	L	X	Y	Min 最小	Max 最大	Max capacity 最大鑽孔能力		
33C-W22	10	10	28	55	110	3	15	116	143	72.7	72.7	∅22	∅82	∅10	m8x1.25, m10x1.5	3.7
33C-W28	10	10	28	55	126	3	15	107	132	86.8	86.8	∅28	∅100	∅15	m8x1.25, m10x1.5	4.7
33C-W32	10	10	28	55	150	3	15	111	136	86.8	86.8	∅32	∅116	∅20	m8x1.25, m10x1.5	6.0
33C-W38	10	10	28	55	177	3	15	119	144	86.8	86.8	∅38	∅138	∅30	m8x1.25, m10x1.5	8.8
33C-W52	10	10	28	62	225	3	15	138	163	86.8	86.8	∅52	∅180	∅50	m8x1.25, m10x1.5	13.8

4軸調整鑽孔頭 (弧形排列型)

4-SPINDLE (CIRCULAR) BORING HEAD



- 可調式軸距：∅34-∅206 mm。
- 木材最大鑽孔能力：∅10-∅50 mm。
- 鑽孔頭可承受高速運轉達 6000 RPM。
- 獨特的弧度原理。
- 探刻度尺可調整等距四方形加工。
- 適合一般傢俱類玩具組合系列。
- 可裝在一般鑽孔機使用。

- Adjustable spacing between spindles: ∅34 - ∅206 mm.
- Great drilling capacity for wood ∅10 - ∅50 mm.
- The boring head accommodates high running speed up to 6000 RPM.
- Exclusively designed with arc theorem.
- Graduation adjustment for boring fixed distance holes on square layout.
- Ideal for application for general furniture, and assembly toys etc.
- Suited for fitting on general boring machines.

MODEL 型式	DIMENSIONS (mm) 尺寸											SPACING(mm) 間距			Spindle Type 軸心模式	WEIGHT 重量 kg
	A	B	C	D	E	G	H	L1	L	X	Y	Min 最小	Max 最大	Max capacity 最大鑽孔能力		
4C-W34	10	10	28	55	121	3	15	115	140	70.7	70.7	∅34	∅94	∅10	m8x1.25, m10x1.5	4.8
4C-W42	10	10	28	55	145	3	15	117	132	70.7	70.7	∅42	∅114	∅15	m8x1.25, m10x1.5	6.3
4C-W48	10	10	28	55	170	3	15	109	134	70.7	70.7	∅48	∅132	∅20	m8x1.25, m10x1.5	7.7
4C-W58	10	10	28	55	192	3	15	118.5	143.5	70.7	70.7	∅58	∅158	∅30	m8x1.25, m10x1.5	10.4
4C-W78	10	10	28	80	260	3	15	145	170	70.7	70.7	∅78	∅206	∅50	m8x1.25, m10x1.5	19.5
5C-W20	10	10	28	55	145	3	15	117	132	70.7	70.7	∅40	∅112	∅15	m8x1.25, m10x1.5	6.5

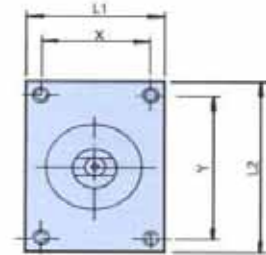
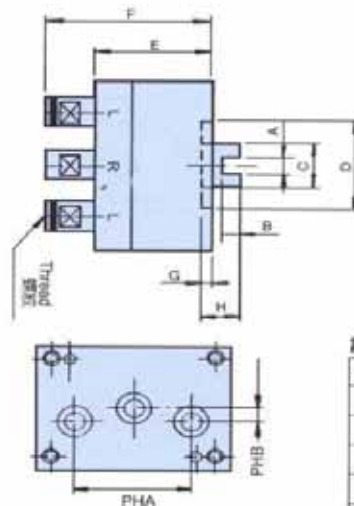
HINGE BORING HEAD

- 鑽孔頭可承受高速運轉達 5500 RPM •
- 訂購時可選擇單用或雙用規格，變化使用 •
- 適合各廠牌門扣大量生產加工 •

- The boring head accommodates high running speed up to 5500 RPM.
- Specify single or double-application model when ordering.
- Suitable for mass production of various brands of door latches.

單用型絞鏈

SINGLE APPLICATION HINGE BORING HEAD



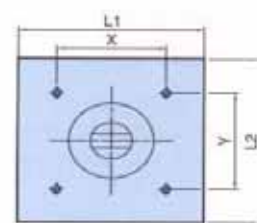
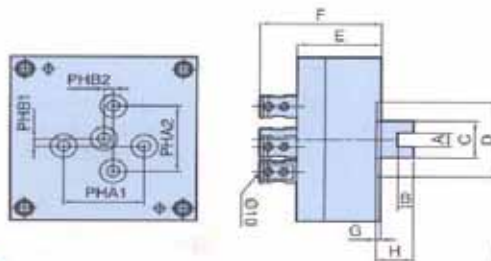
MODEL 型式	DIMENSIONS (mm) 尺寸												Spindle Type 軸心樣式	WEIGHT 重量 kg
	A	B	C	D	E	F	G	H	L1	L2	X	Y		
絞鏈	10	10	28	55	53	77	3	24	62	90	46	74	m8x1.25 m10x1.5 Ø10	2.8

訂購時請填寫絞鏈規格

NO	廠牌	PHA	PHB
1	HETTICH I	52	5.5
2	HETTICH II	48	-7.5
3	HETTAL	52	6
4	GRASS I	42	11
5	GRASS II	48	-2.5
6	SALICE I	38	7.5
7	SALICE II	48	6
8	MEPLA	48	9
9	HEINZE	52	5.5
10	PRAMETA	52	5.5
11	BLUM	45	9.5

雙用型絞鏈

DOUBLE APPLICATION HINGE BORING HEAD



MODEL 型式	DIMENSIONS (mm) 尺寸												Spindle Type 軸心樣式	WEIGHT 重量 kg
	A	B	C	D	E	F	G	H	L1	L2	X	Y		
絞鏈	10	10	28	55	53	77	3	24	120	120	70.7	70.7	m8x1.25 m10x1.5 Ø10	2.9

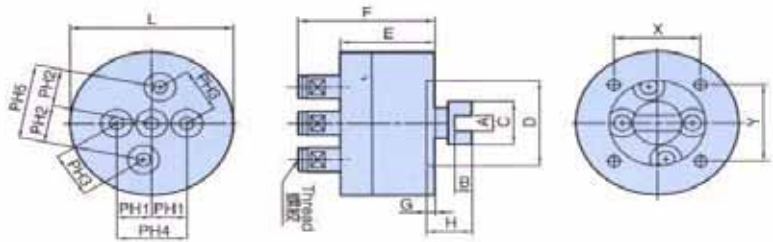
訂購時請填寫絞鏈規格

NO	廠牌	PHA	PHB
1	HETTICH I	52	5.5
2	HETTICH II	48	-7.5
3	HETTAL	52	6
4	GRASS I	42	11
5	GRASS II	48	-2.5
6	SALICE I	38	7.5
7	SALICE II	48	6
8	MEPLA	48	9
9	HEINZE	52	5.5
10	PRAMETA	52	5.5
11	BLUM	45	9.5

5-SPINDLE BORING HEAD

- 木材最大鑽孔能力：Ø8-Ø15 mm。
- 可提供多種固定間距規格選擇。
- 鑽孔頭可承受高速運轉達 5500 RPM。
- 適合一般傢具類玩具、組合系列，大量生產加工。
- 可裝在一般鑽孔機使用。

- Great drilling capacity for wood ø8 - ø15 mm.
- Hole distance can be specified as per customer's requirements.
- The boring head accommodates high running speed up to 5500 RPM.
- Ideal for mass boring application for general furniture, assembly toys etc.
- Suited for fitting on general boring machines.



MODEL 型式	DIMENSIONS (mm) 尺寸											SPACING (mm) 間距					Max. capacity 最大鑽孔能力	Spindle Type 軸心樣式	WEIGHT 重量 kg
	A	B	C	D	E	F	G	H	L	X	Y	PH1	PH2	PH3	PH4	PH5			
5B-16	10	10	28	55	53	77	3	24	83	45.5	45.5	16	20	25	32	40	Ø8	m8x1.25, m10x1.5	2.5
5B-17	10	10	28	55	53	77	3	24	83	45.5	45.5	17	22	32	34	44	Ø8	m8x1.25, m10x1.5	2.5
5B-20	10	10	28	55	53	77	3	24	93	49.5	49.5	20	24	28	40	48	Ø15	m8x1.25, m10x1.5	3.2
5B-32	10	10	28	55	53	77	3	24	93	49.5	49.5	20	25	32	40	50	Ø15	m8x1.25, m10x1.5	3.2
5B-25	10	10	28	55	60	75	3	31	108	64	64	1"	1 1/4"	1/2"	2"	2 1/2"	Ø15	m8x1.25, m10x1.5, 7/16x14	4.6

特殊鑽孔頭

SPECIAL BORING HEAD

- 鑽孔頭可承受高速運轉達 4500 RPM。
- 各式特殊加工需求，均可依圖面或樣品量身訂製，提供客製化服務。
- 豐富的製造經驗與充沛的零件種類，提升加工效率與品質。

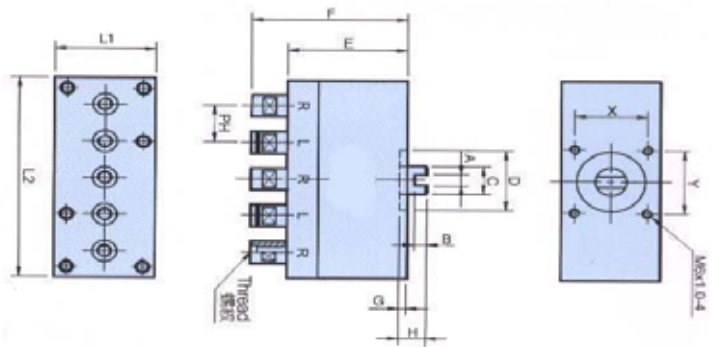
- The boring head accommodates high running speed up to 4500 RPM.
- To meet specific machining requirement custom specifications are available according to customer's drawing or sample.
- Extensive manufacturing experience combined with a wide variety of parts to upgrade machining efficiency and quality.



LINE BIRING HEAD



- 木材最大鑽孔能力：Ø15-Ø20 mm。
- 孔距可依客戶需求所訂。
- 鑽孔頭可承受高速運轉達 6500 RPM。
- 適合一般傢具類、櫥櫃、玩具組合系列，等大量生產加工。
- 可裝在一般鑽孔機使用。
- Great drilling capacity for wood ø15 - ø 20 mm.
- Various hole distances for choice.
- The boring head accommodates high running speed up to 6500 RPM.
- Ideal for mass boring application for general furniture, cabinets, assembly toys etc.
- Suited for fitting on general boring machines.

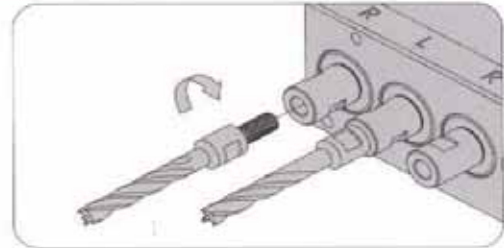


MODEL 型式	DIMENSIONS (mm) 尺寸												SPACING (mm) 間距			WEIGHT 重量
	A	B	C	D	E	F	G	H	L1	L2	X	Y	PH	Max. capacity 最大鑽孔能力	Spindle Type 軸心樣式	
3L-20	10	10	28	55	53	77	3	24	62	90	46	74	20mm x 3	Ø15	m8x1.25, m10x1.5	2.9
3L-22	10	10	28	55	53	77	3	24	62	90	46	74	22mm x 3	Ø15	m8x1.25, m10x1.5	2.9
3L-25	10	10	28	55	53	77	3	26	62	90	46	74	25mm x 3	Ø15	m8x1.25, m10x1.5	2.9
3L-30	10	10	28	55	53	77	3	24	62	120	46	88.8	30mm x 3	Ø20	m8x1.25, m10x1.5	2.5
3L-32	10	10	28	55	53	77	3	24	62	120	46	88.8	32mm x 3	Ø20	m8x1.25, m10x1.5	2.5
3L-38	10	10	28	55	53	77	3	24	62	145	46	88.8	38mm x 3	Ø20	m8x1.25, m10x1.5	3.6
5L-20	10	10	28	55	53	77	3	24	62	120	46	88.8	20mm x 5	Ø15	m8x1.25, m10x1.5	2.4
5L-22	10	10	28	55	53	77	3	24	62	120	46	88.8	22mm x 5	Ø15	m8x1.25, m10x1.5	2.4
5L-25	10	10	28	55	53	77	3	26	62	145	46	88.8	25mm x 5	Ø15	m8x1.25, m10x1.5	3.8
5L-30	10	10	28	55	53	77	3	24	62	176	46	88.8	30mm x 5	Ø20	m8x1.25, m10x1.5	3.2
5L-32	10	10	28	55	53	77	3	24	62	176	46	88.8	32mm x 5	Ø20	m8x1.25, m10x1.5	3.2
7L-32	10	10	28	55	53	77	3	24	62	245	46	88.8	32mm x 7	Ø15	m8x1.25, m10x1.5	4
9L-32	10	10	28	55	53	77	3	24	62	308	46	88.8	32mm x 9	Ø15	m8x1.25, m10x1.5	4.5
11L-32	10	10	28	55	53	77	3	24	62	365	46	88.8	32mm x 11	Ø15	m8x1.25, m10x1.5	5
15L-32	10	10	28	55	53	77	3	24	62	495	46	88.8	32mm x 15	Ø15	m8x1.25, m10x1.5	6.8
21L-32	10	10	28	55	53	77	3	24	62	685	46	88.8	32mm x 21	Ø15	m8x1.25, m10x1.5	8.5

QUICK CHUCKS FOR LINE BORING HEAD

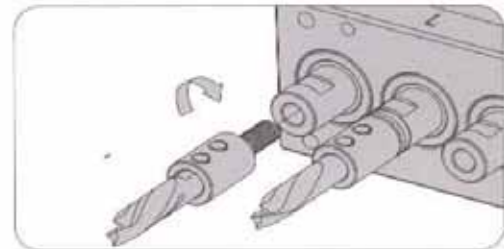
A 系列：螺紋鑽頭示意圖
A SERIES : Threalt drills type.

PH ≥ 13
軸心間距 ≥ 13



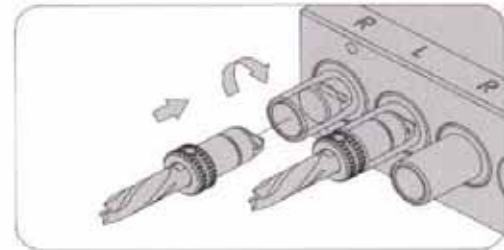
A 系列：螺紋軸心搭配接頭示意圖
A SERIES : Threaded spindle combined with chuck type.

PH ≥ 16
軸心間距 ≥ 16



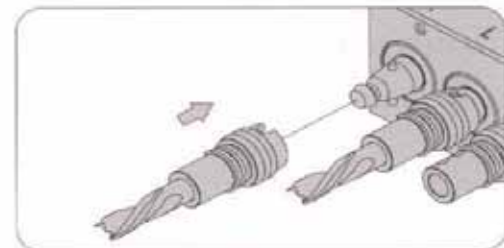
B 系列：圓形快速接頭示意圖
B SERIES : Circular shaper quick chuck type.

PH ≥ 20
軸心間距 ≥ 20



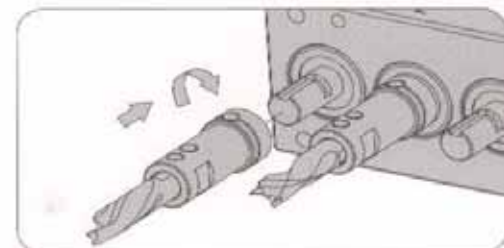
C 系列：錐形快速接頭示意圖
C SERIES : Conic shape quick chuck type.

PH ≥ 28
軸心間距 ≥ 28



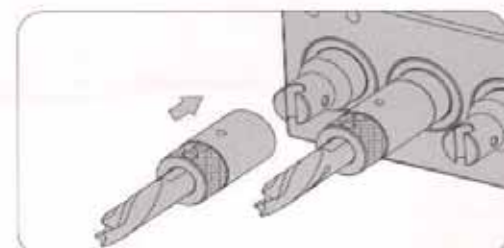
D 系列：柱形快速接頭示意圖
D SERIES : Cylindrical shaper quick chuck type.

PH ≥ 28
軸心間距 ≥ 28



E 系列：圓錐形快速接頭示意圖
E SERIES : Conic shape quick chuck type.

PH ≥ 28 (E1)
軸心間距 ≥ 28 (E1)
PH ≥ 20 (E2)
軸心間距 ≥ 20 (E2)





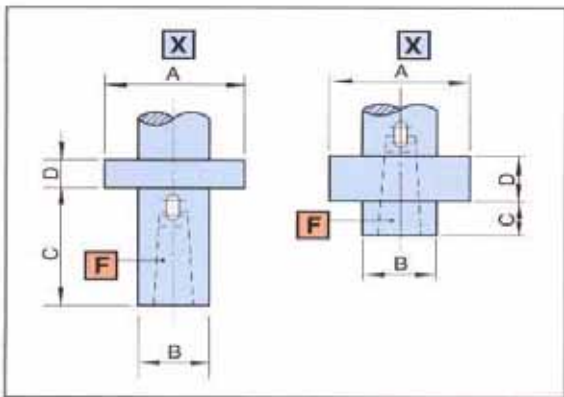
立式管
VERTICAL QUILL TYPE
LG-002



活動立式管
ADJUSTABLE VERTICAL
QUILL TYPE
LG-003



水平固定座
HORIZONTAL
BORING UNIT
LG-005 (85 mm)
LG-006 (70 mm)

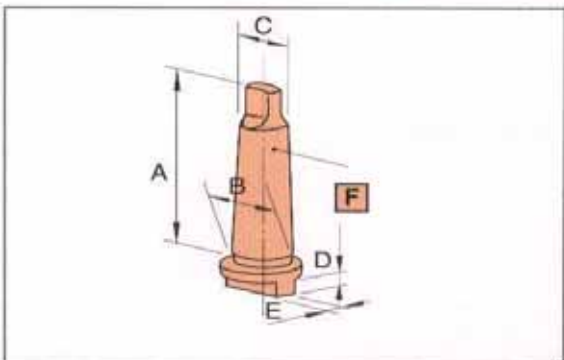


中型及大型鑽床主軸頭結構圖, 訂購鑽孔頭時, 請提供 A, B, C, D 尺寸, 以mm為單位。

When ordering the boring head for application on a medium or heavy duty drilling machine, please provide the dimensions A, B, C, D. Unit:mm.



A	B	C	D



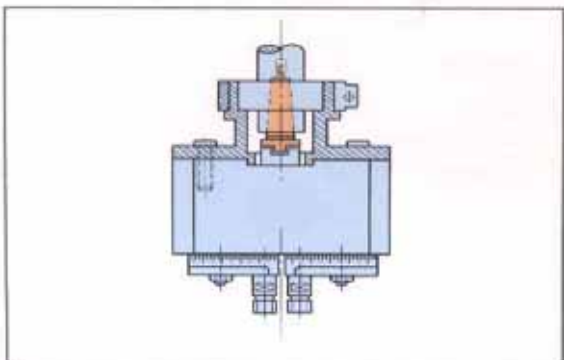
訂購鑽孔頭時, 請圈選鑽床主軸錐度規格, 如表內數據所示。

When ordering the boring head, please choose the specifications of spindle taper on drilling machine as the chart instructed.



Morse taper

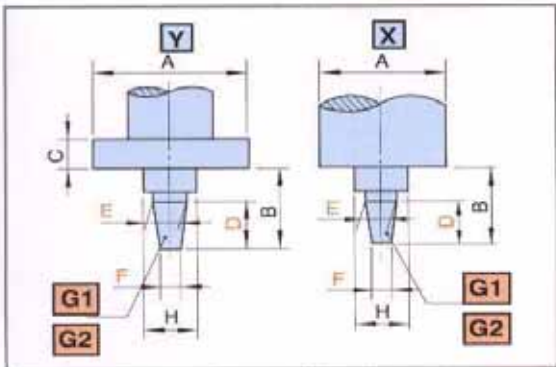
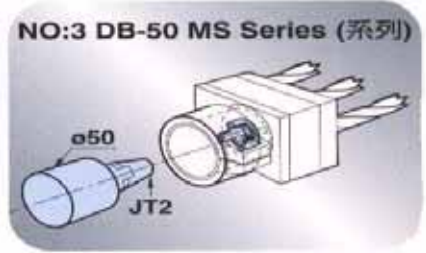
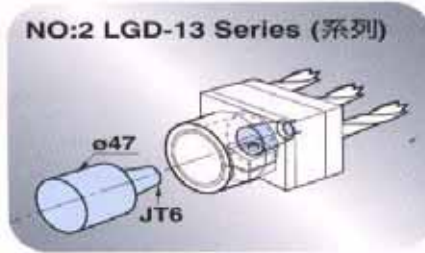
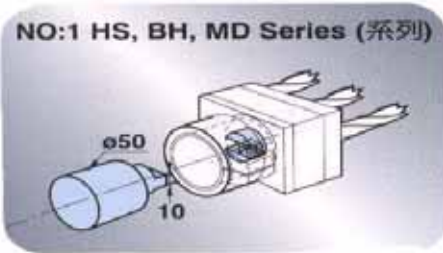
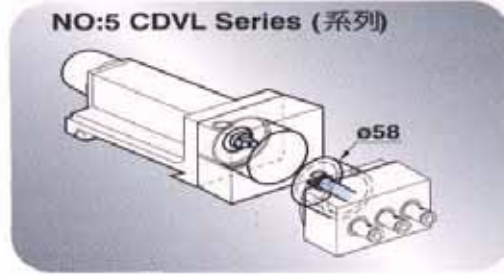
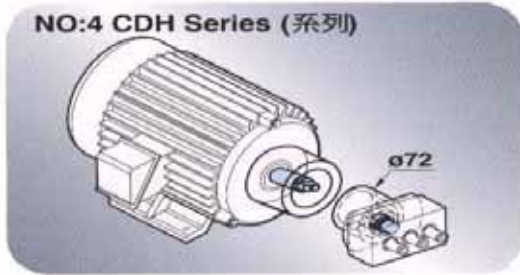
No	1	2	3	4
A	65.5	80	99	124
B	12.065	17.780	23.825	31.267
C	9	14	19.1	25.2
D	10			
E	10			



鑽孔頭安裝於中型及大型鑽床之結構示意圖。

An assembly drawing of the boring head fitted onto a medium or heavy duty drilling machine.

TRUPRO Boring heads are suitable for various boring machines.



小型鑽床主軸頭結構圖。訂購鑽孔頭時，請提供A, B, C, H尺寸，以mm為單位。

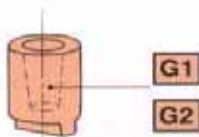
When ordering the boring head for application on a light drilling machine, please provide the dimensions A, B, C, H. Unit:mm.

X

A	B	H

Y

A	B	C	H



訂購鑽孔頭時，請圈選鑽床主軸錐度規格，如表內數據所示。

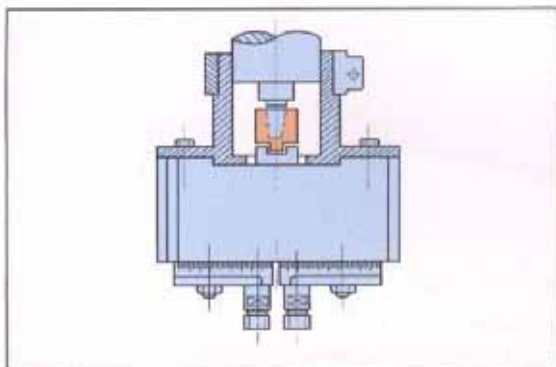
When ordering the boring head, please choose the specifications of spindle taper on drilling machine as the chart instructed.

Jacobs taper

G1					
No	JT1	JT2	JT3	JT6	JT33
D	16.669	22.225	30.958	26.2	25.400
E	9.754	14.199	20.599	17.170	15.850
F	8.469	12.386	18.951	15.852	14.237

DIN taper

G2					
No	B10	B12	B16	B18	B22
D	14.5	18.5	24	32	40.5
E	10.094	12.065	15.733	17.780	21.793
F	9.4	11.1	14.5	16.2	19.8



鑽孔頭安裝於小型鑽床之結構示意圖。

An assembly drawing of the boring head fitted onto a light drilling machine.