

利固精工精密有限公司
利固盛精工機械(昆山)有限公司

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利固精工
LIGUJINGGONG



COMPANY

INTRODUCTION

企業介紹

利固精工作為一家擁有二十年製造經驗的資深企業，核心技術團隊深耕刀柄領域三十餘年。2020年，我們率先完成旋壓刀柄的自主技術創新並成功投放市場，技術成果獲兩岸多項專利認可。企業已通過 ISO9001 及 IATF 16949 雙重品質認證，憑藉規範的體系管理與卓越的產品品質，持續為全球客戶提供值得信賴的旋壓刀柄解決方案。

Ligu Precision Industry is a senior enterprise with 20 years of manufacturing experience, and its core technical team has been deeply involved in the field of knife handles for more than 30 years. In 2020, we took the lead in completing independent technological innovation of spinning tool holders and successfully launched them into the market. Our technological achievements have been recognized by multiple patents on both sides of the Taiwan Strait. The enterprise has passed the dual quality certification of ISO9001 and IATF 16949. With standardized system management and excellent product quality, it continues to provide reliable spinning tool holder solutions for global customers.



CORPORATE

CULTURE

企業文化

「利」於客戶，「利」於同仁，「利」於長遠；「固」守成本，「固」守品質，「固」守承諾。利固精工專注旋壓刀柄，以互利之心凝聚團隊，以穩固之力為客戶輸出最佳刀柄解決方案。

Benefit customers, benefit colleagues, and benefit in the long run; Adhere to cost, quality, and commitment. Ligu Precision focuses on spinning tool holders, unites the team with a mutual benefit heart, and provides customers with the best tool holder solutions with stable strength.

高端功能·大眾享受

HIGH END FEATURES FOR MASS ENJOYMENT

產品介紹

01-04

BT/BBT

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PRODUCT

INTRODUCTION

產品介紹

利固旋壓刀柄相較於市面上常見的 ER 刀柄、側固刀柄、油壓刀柄、熱縮刀柄與後拉刀柄，整體性能優勢顯著，產品依託 1:16 力矩轉換實現超強夾持力，配套完整阻尼系統，可有效降低切削震動，延長刀具使用壽命，還可以安全地做到刀具短柄夾持，減少鎢鋼刀具的使用成本；採用帶定位銷的筒夾結構，徹底杜絕加工掉刀風險。同時操作簡單便捷，只需一支內六角扳手就能完成拆裝作業、換刀方便快捷；刀柄採用無間隙密封構造，能夠隔絕污垢、切削液與潤滑介質進入刀柄內部。純機械結構，經久耐用。旋壓刀柄是泛用刀柄中集各大優點於一身的產品。

Compared with common ER tool holders, side fixed tool holders, hydraulic tool holders, heat shrink tool holders, and back pull tool holders on the market, Ligu spinning tool holders have significant overall performance advantages. The product relies on 1:16 torque conversion to achieve super strong clamping force, and is equipped with a complete damping system, which can effectively reduce cutting vibration, extend tool service life, and safely achieve short handle clamping of the tool, reducing the cost of tungsten steel tool use; Adopting a clamp structure with positioning pins to completely eliminate the risk of cutting off during processing. At the same time, the operation is simple and convenient, and only one internal hexagonal wrench is needed to complete the disassembly and assembly operation, and the tool change is convenient and fast; The handle adopts a gapless sealing structure, which can isolate dirt, cutting fluid, and lubricating medium from entering the inside of the handle. Pure mechanical structure, durable and long-lasting. Spinning knife handle is a product that combines various advantages among universal knife handles.

旋壓蝸桿

抗震阻尼系統

有PIN的筒夾設計
100%不掉刀

可中心出水或側面出水

CORPORATE

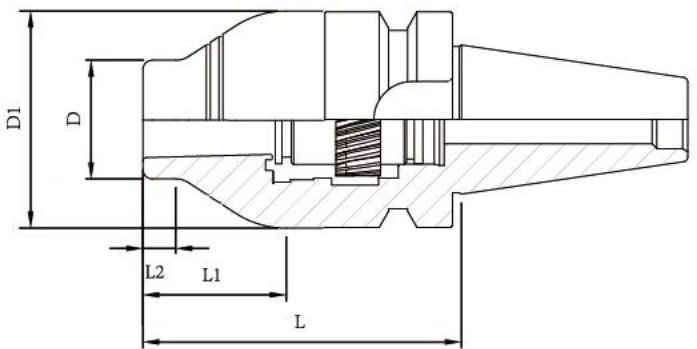
PRODUCTS

企業產品



XYBT/BBT30 TPC10L065

旋壓BT/BBT系列 >>



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min "G2.5 動態平衡	Spanner 扳手規格	Recommend Torsion 推薦鎖固扭力	Torque Wrench 扭力扳手	Center Coolant 中心出水	Side Coolant 側面出水	Pin Collet Pin筒夾
XYBT30TPC10L065	2-10	68	31	7	/	/	25	46	/	/	20000	4MM	10NM	○	√	√	√
XYBBT30TPC10L065	2-10	68	31	7	/	/	25	46	/	/	20000	4MM	10NM	○	√	√	√

側面出水



訂購編碼	Ø (夾持柄徑)	出水方式
XYTPC10D02L	Ø 2	側面出水
XYTPC10D03L	Ø 3	側面出水
XYTPC10D04L	Ø 4	側面出水
XYTPC10D06L	Ø 6	側面出水
XYTPC10D08L	Ø 8	側面出水
XYTPC10D10L	Ø 10	側面出水

應用/Applications



銑削
Endmilling



鉋孔
Reaming

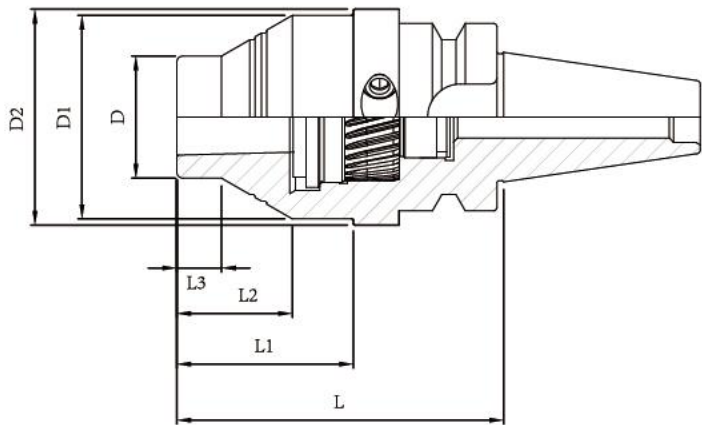


鑽孔
Drilling

BT/BBT系列

XYBT/BBT30 GPC14L080

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT30GPC14L080	4-14	80	43	29	11	/	30	50	53	/	20000	4MM	10NM	○	√	√	√
XYBBT30GPC14L080	4-14	80	43	29	11	/	30	50	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet.
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- 2.5D≤0.003mm

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



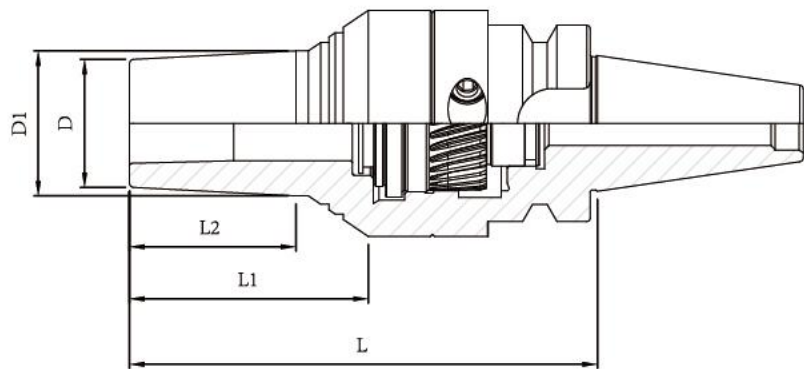
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT30 GPC14L110

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT30GPC14L110	4-14	110	56	42	/	/	30	34	/	/	20000	4MM	10NM	○	√	√	√
XYBBT30GPC14L110	4-14	110	56	42	/	/	30	34	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
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- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
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應用/Applications



銑削
Endmilling



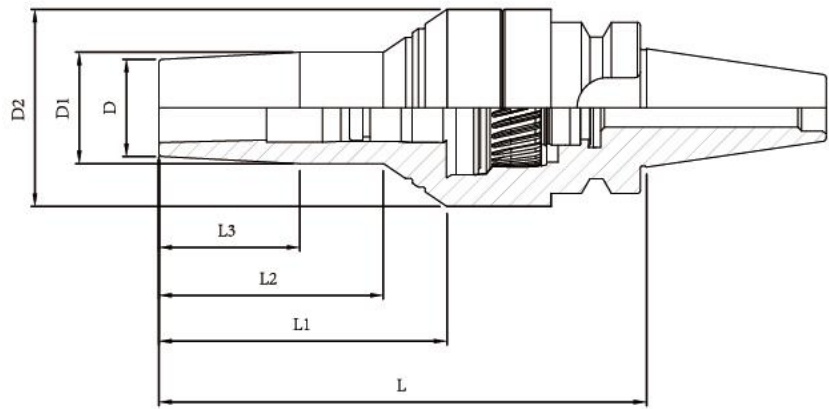
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT30 GPC14L130

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT30GPC14L130	4-14	131	78	60	38	/	26	30	53	/	20000	4MM	10NM	○	√	√	√
XYBBT30GPC14L130	4-14	131	78	60	38	/	26	30	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



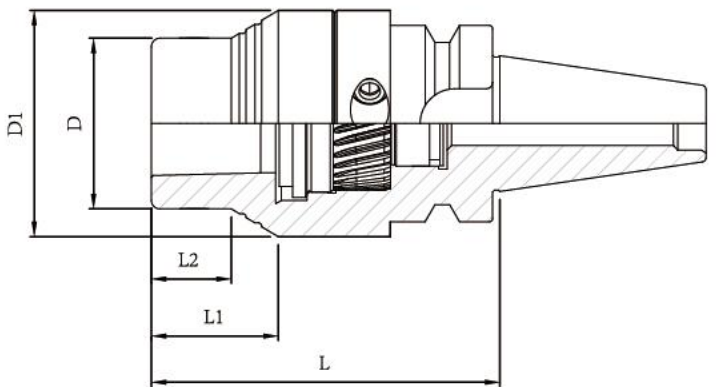
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT30 GPC20L080

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT30GPC20L080	4-20	82	30	19	/	/	40	53	/	/	20000	4MM	10NM	○	√	√	√
XYBBT30GPC20L080	4-20	82	30	19	/	/	40	53	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



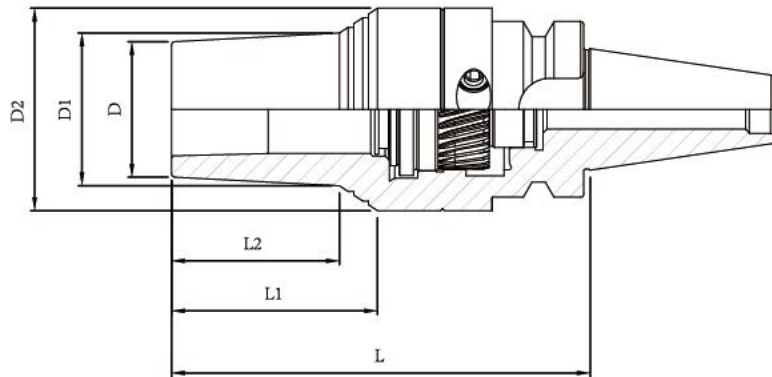
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT30 GPC20L110

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT30GPC20L110	4-20	110	54	44	/	/	35	40	53	/	20000	4MM	10NM	○	√	√	√
XYBBT30GPC20L110	4-20	110	54	44	/	/	35	40	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet.
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



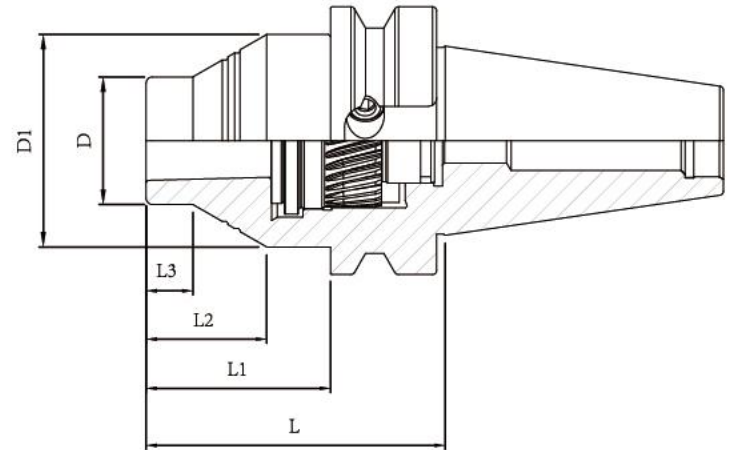
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT40 GPC14L070

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC14L070	4-14	70	43	28	11	/	30	50	/	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC14L070	4-14	70	43	28	11	/	30	50	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet.
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



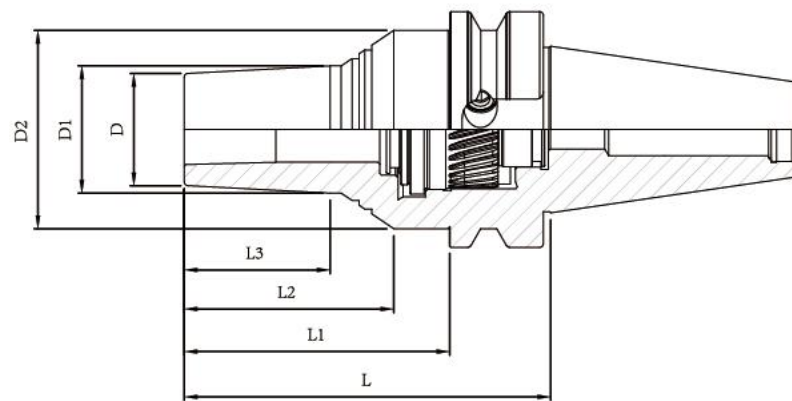
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT40 GPC14L098

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC14L098	4-14	98	71	56	39	/	30	34	53	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC14L098	4-14	98	71	56	39	/	30	34	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

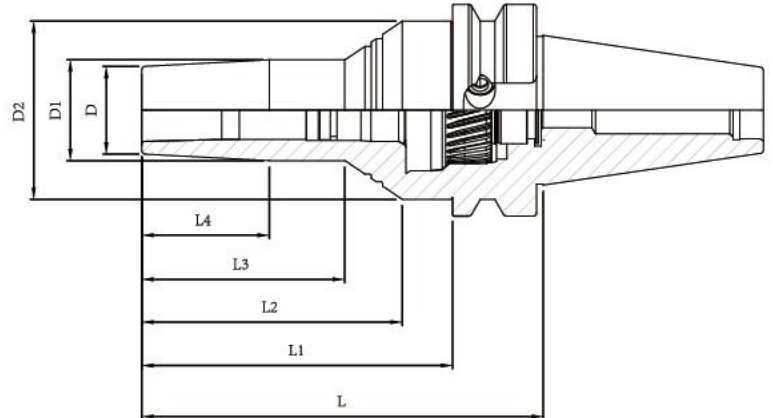
- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



XYBT/BBT40 GPC14L120

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC14L120	4-14	120	93	78	61	38	26	30	53	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC14L120	4-14	120	93	78	61	38	26	30	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

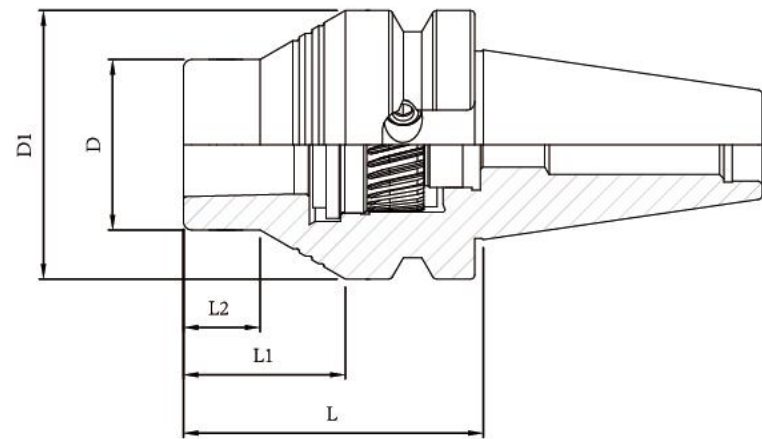
- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



XYBT/BBT40GPC20L070

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC20L070	4-20	70	38	18	/	/	40	63	/	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC20L070	4-20	70	38	18	/	/	40	63	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置，可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

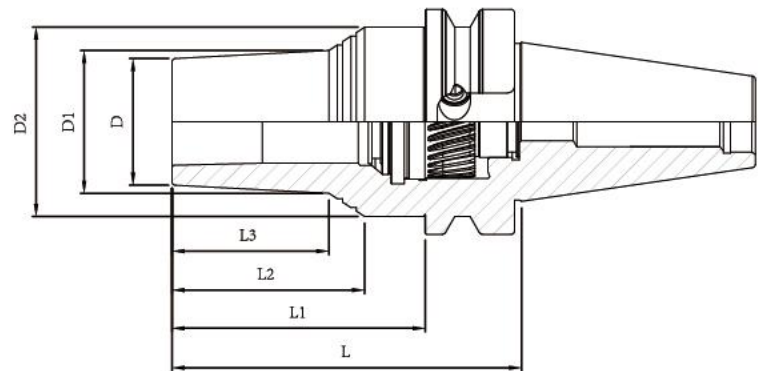
- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



XYBT/BBT40 GPC20L098

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC20L098	4-20	98	71	54	44	/	36	40	53	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC20L098	4-20	98	71	54	44	/	36	40	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置，可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

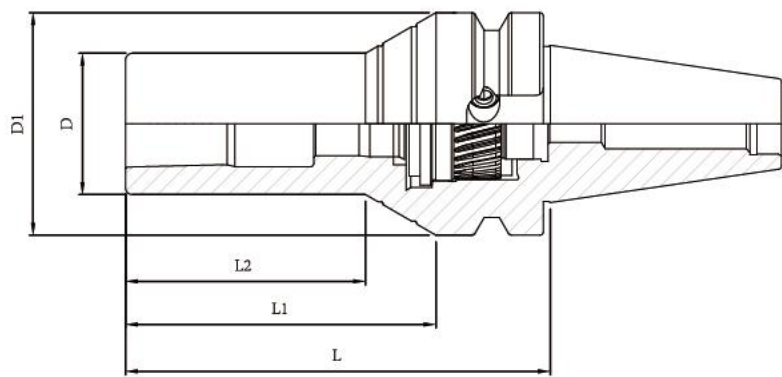
- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



XYBT/BBT40 GPC20L120

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC20L120	4-20	120	89	68	/	/	40	63	/	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC20L120	4-20	120	89	68	/	/	40	63	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



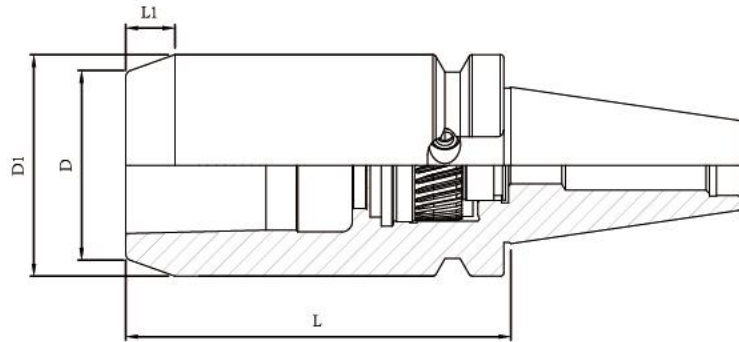
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT40 GPC32L110

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT40GPC32L110	16-32	110	14	/	/	/	53	63	/	/	20000	4MM	10NM	○	√	√	√
XYBBT40GPC32L110	16-32	110	14	/	/	/	53	63	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



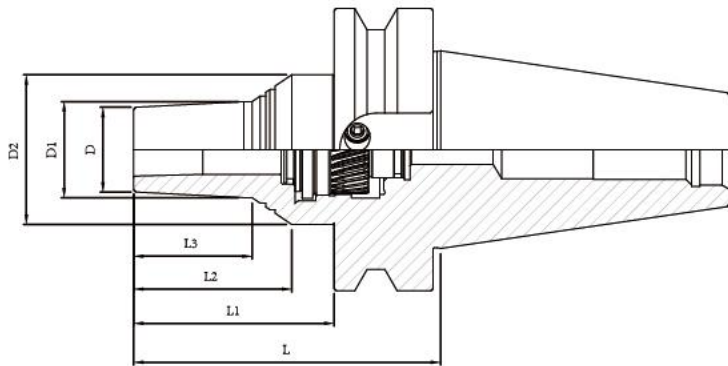
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC14L109

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC14L109	4-14	109	71	56	42	/	30	34	53	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC14L109	4-14	109	71	56	42	/	30	34	53	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
 - 側面出水必須選用有水槽的夾頭。
 - 中心出水選用C型夾頭。
 - 可以選用PIN Collet。
 - 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
 - 2.5D≤0.003mm
- Provide the center coolant and the side coolant.
 - Select the side coolant must to use the collet with coolant slot.
 - C type Chuck is used for central outlet.
 - Select the PIN Collet.
 - Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
 - At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



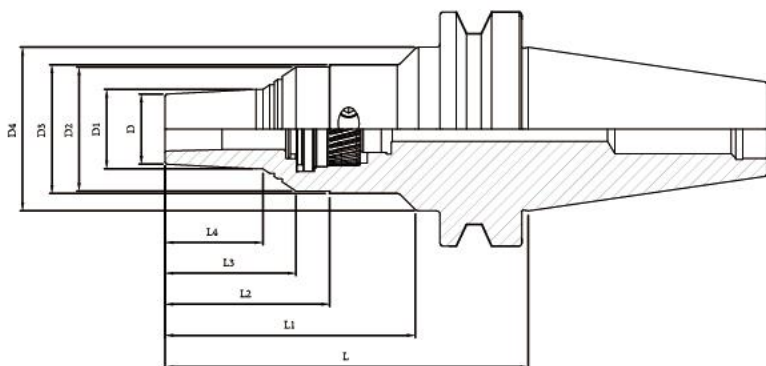
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC14L156

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	D4	D5	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍												動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC14L156	4-14	155	108	72	56	42	30	34	53	55	70	15000	4MM	10NM	○	√	√	√	√
XYBBT50GPC14L156	4-14	155	108	72	56	42	30	34	53	55	70	15000	4MM	10NM	○	√	√	√	√

- 可以選擇中心出水及側面出水的功能。
 - 側面出水必須選用有水槽的夾頭。
 - 中心出水選用C型夾頭。
 - 可以選用PIN Collet。
 - 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
 - 2.5D≤0.003mm
- Provide the center coolant and the side coolant.
 - Select the side coolant must to use the collet with coolant slot.
 - C type Chuck is used for central outlet.
 - Select the PIN Collet.
 - Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
 - At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



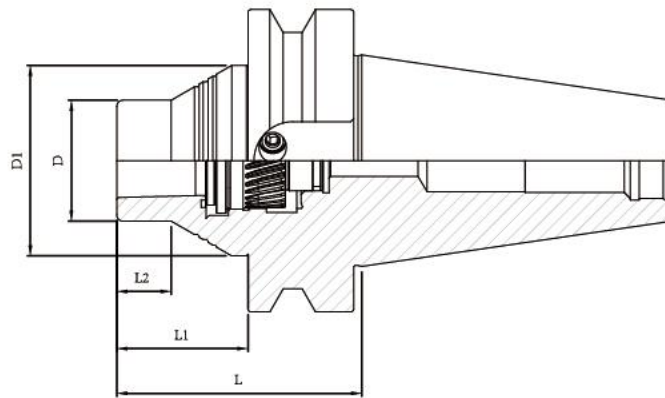
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC20L081

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC20L081	4-20	81	43	18	/	/	40	63	/	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC20L081	4-20	81	43	18	/	/	40	63	/	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- 2.5D≤0.003mm

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



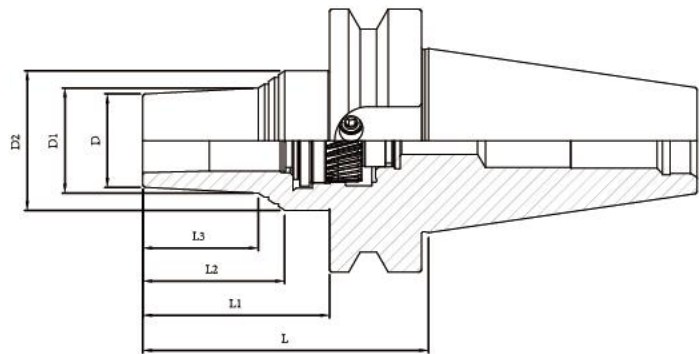
鉸孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC20L109

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC20L109	4-20	109	71	54	44	/	35	40	53	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC20L109	4-20	109	71	54	44	/	35	40	53	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- 2.5D≤0.003mm

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



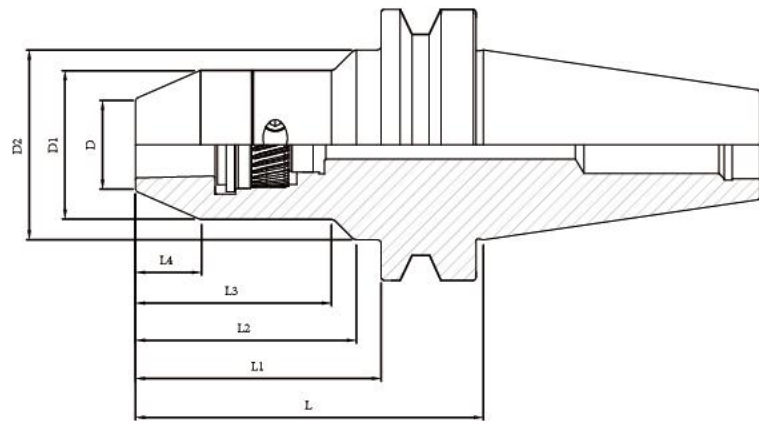
鉸孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC20L130

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC20L130	4-20	128	91	81	73	24	34	55	70	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC20L130	4-20	128	91	81	73	24	34	55	70	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



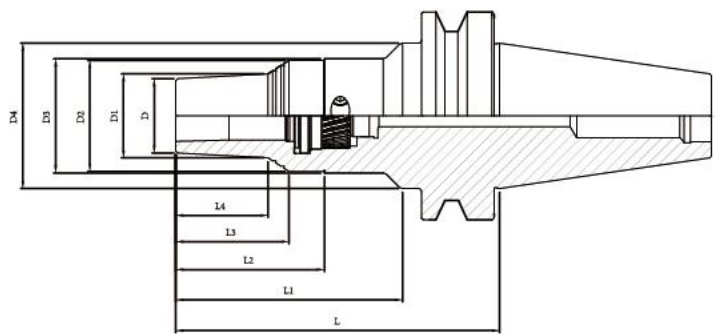
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC20L156

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	D4	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍											動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC20L156	4-20	156	109	72	55	44	36	40	54	55	70	15000	4MM	10NM	○	√	√	√
XYBBT50GPC20L156	4-20	156	109	72	55	44	36	40	54	55	70	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



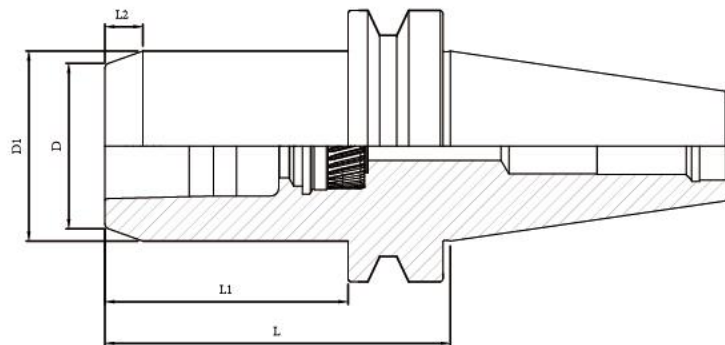
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC32L121

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC32L121	16-32	121	83	14	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC32L121	16-32	121	83	14	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



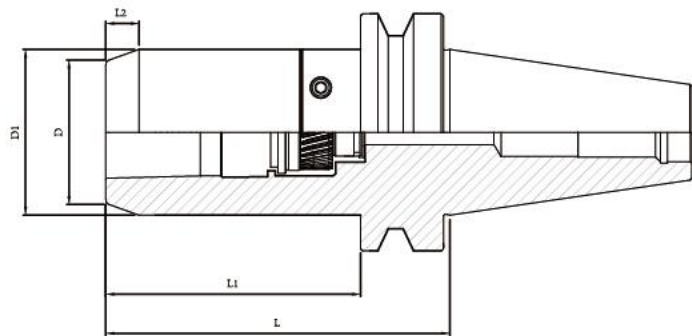
鉋孔
Reaming



鑽孔
Drilling

XYBT/BBT50 GPC32L150

旋壓BT/BBT系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYBT50GPC32L150	16-32	145	108	14	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√
XYBBT50GPC32L150	16-32	145	108	14	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



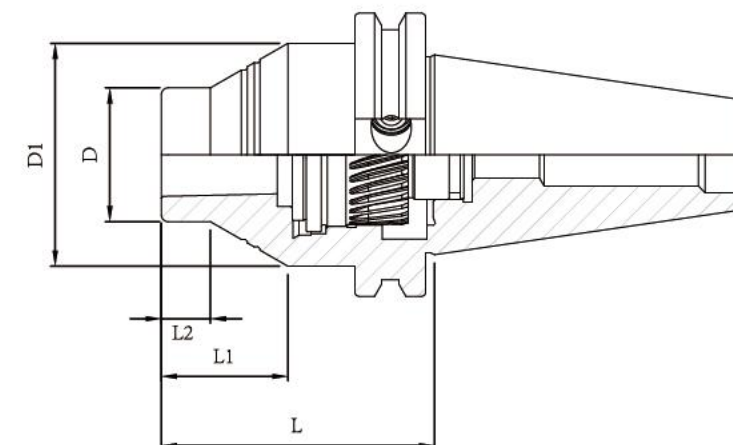
鉋孔
Reaming



鑽孔
Drilling

XYSK40 GPC14L060

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ² G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK40GPC14L060	4-14	61	28	11	/	/	30	50	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



鉋孔
Reaming

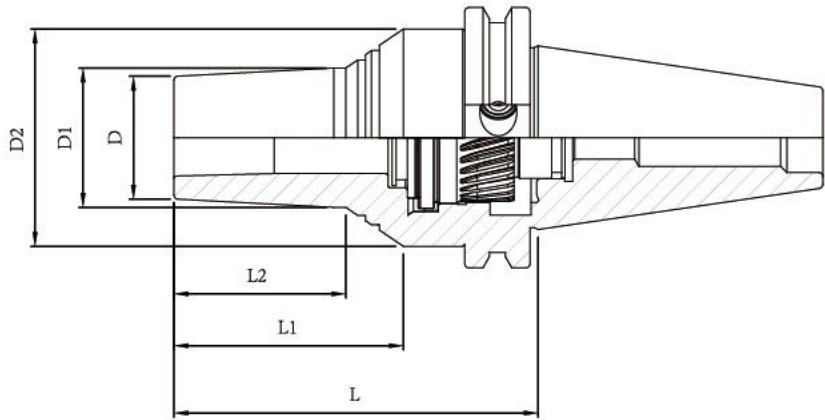


鑽孔
Drilling

2
SK系列

XYSK40 GPC14L090

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK40GPC14L090	4-14	89	56	42	/	/	30	34	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



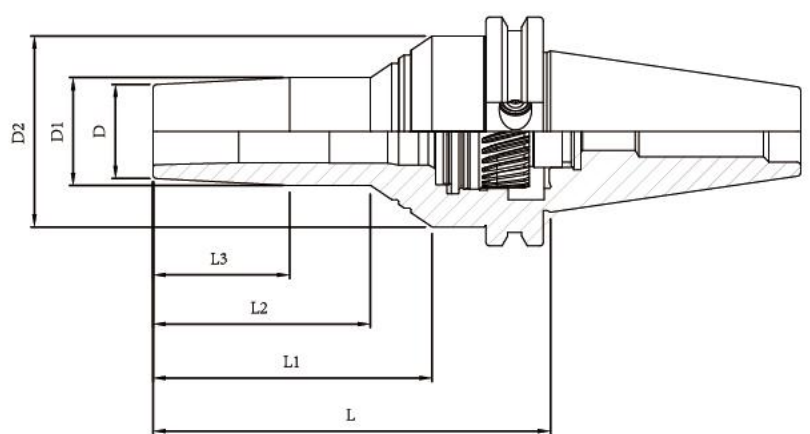
鉋孔
Reaming



鑽孔
Drilling

XYSK40 GPC14L110

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK40GPC14L110	4-14	110	78	60	38	/	26	30	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



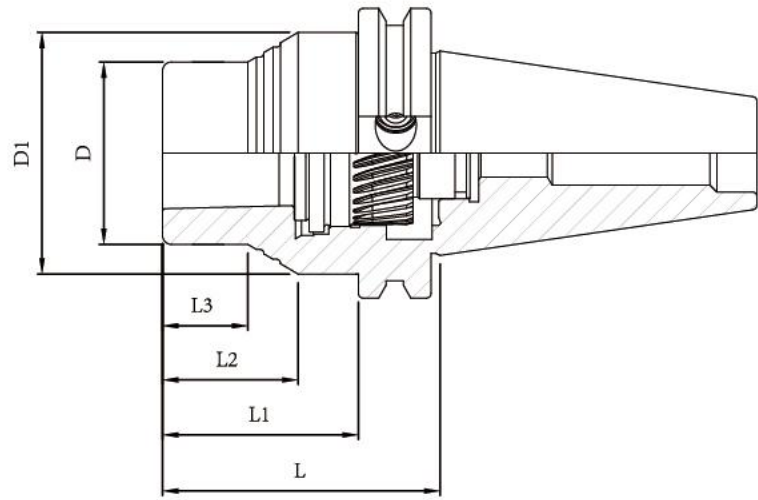
鉋孔
Reaming



鑽孔
Drilling

XYSK40 GPC20L060

旋壓SK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK40GPC20L060	4-20	61	43	30	19	/	40	53	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



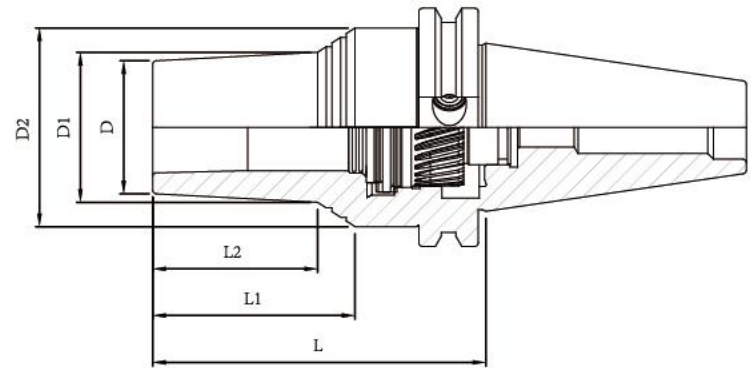
鉋孔
Reaming



鑽孔
Drilling

XYSK40 GPC20L090

旋壓SK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK40GPC20L090	4-20	89	54	44	/	/	35	40	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



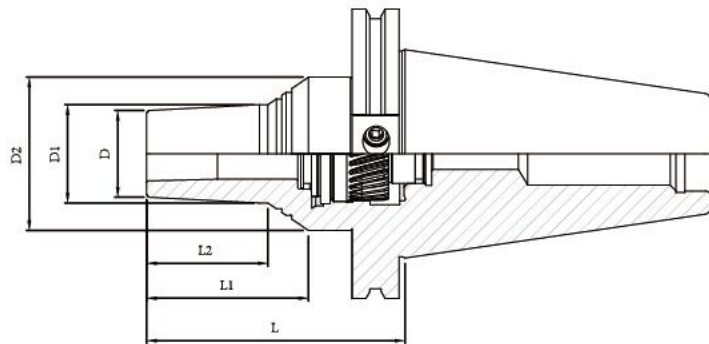
鉋孔
Reaming



鑽孔
Drilling

XYSK50 GPC14L090

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK50GPC14L090	4-14	89	56	42	/	/	30	34	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



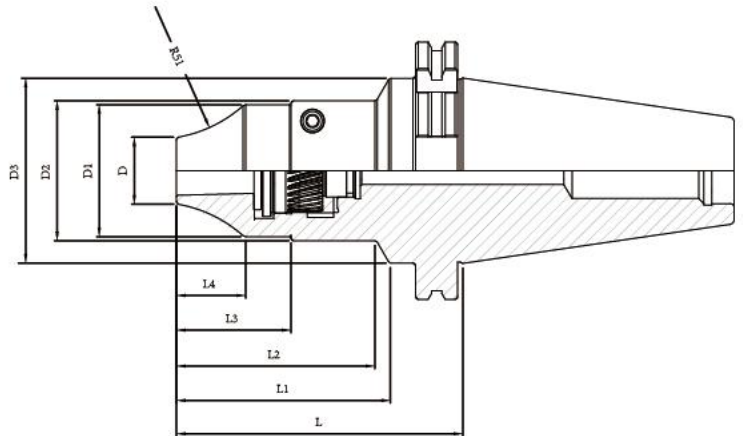
鉋孔
Reaming



鑽孔
Drilling

XYSK50 GPC14L110

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK50GPC14L110	4-14	111	83	77	43	28	29	50	54	72	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



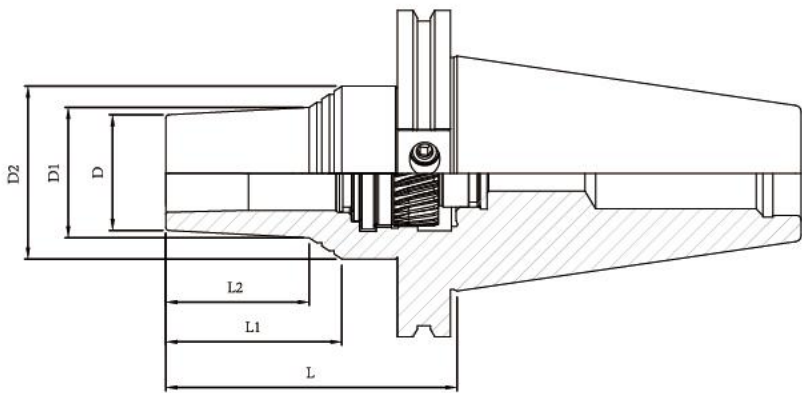
鉋孔
Reaming



鑽孔
Drilling

XYSK50 GPC20L090

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK50GPC20L090	4-20	89	54	44	/	/	35	40	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



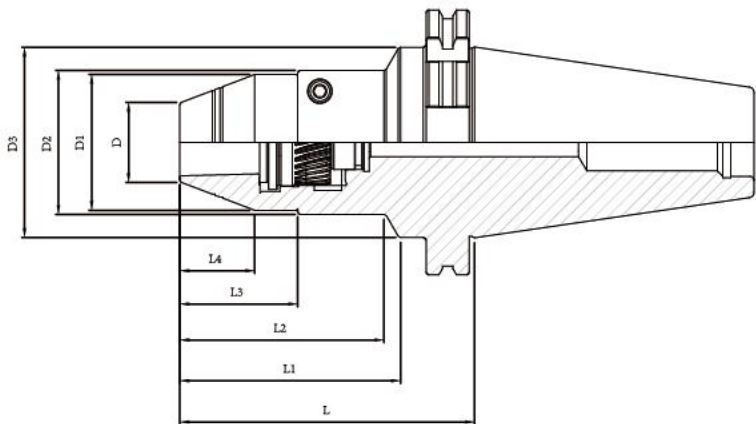
鉋孔
Reaming



鑽孔
Drilling

XYSK50 GPC20L110

旋壓SK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK50GPC20L110	4-20	111	83	77	43	28	29	50	54	72	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



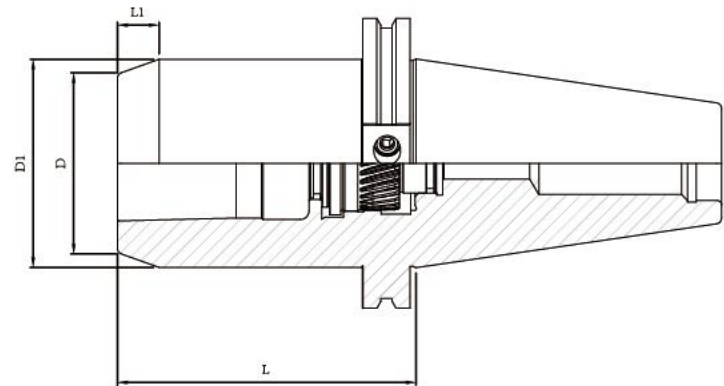
鉋孔
Reaming



鑽孔
Drilling

XYSK50 GPC32L100

旋壓SK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min*IG2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYSK50GPC32L103	16-32	103	14	/	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置，可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



鉋孔
Reaming



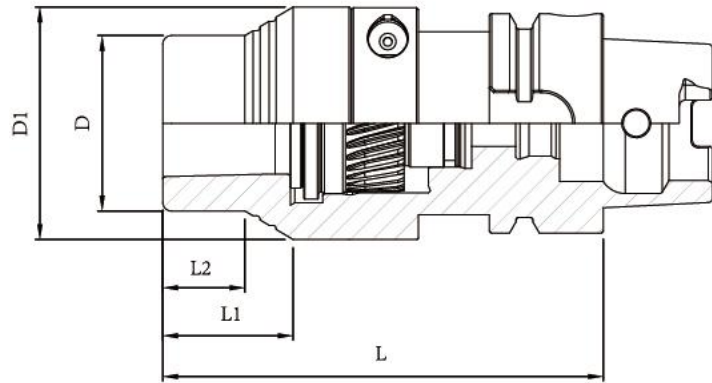
鑽孔
Drilling

高精度、高效率、高穩定、高可靠度

3
HSK系列

XYHSK50A GPC20L101

旋壓HSK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK50AGPC20L101	4-20	100	30	19	/	/	40	53	/	/	20000	4MM	10NM	○	√	√	√
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



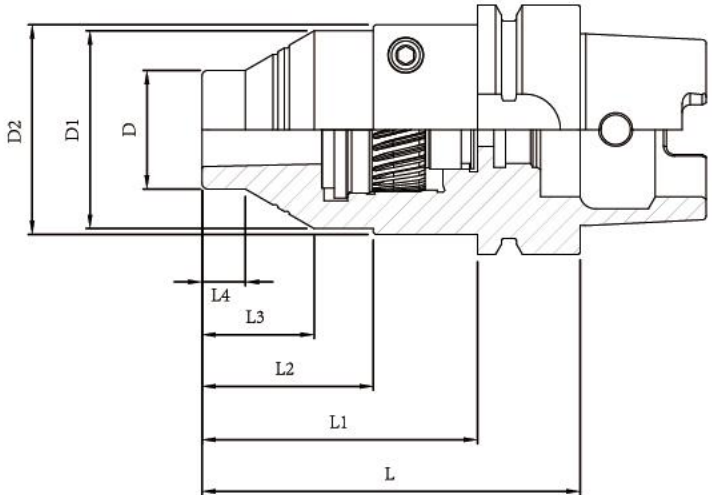
鉋孔
Reaming



鑽孔
Drilling

XYHSK63A GPC14L095

旋壓HSK系列



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK63AGPC14L095	4-14	96	70	43	28	11	30	50	53	/	20000	4MM	10NM	○	√	√	√
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



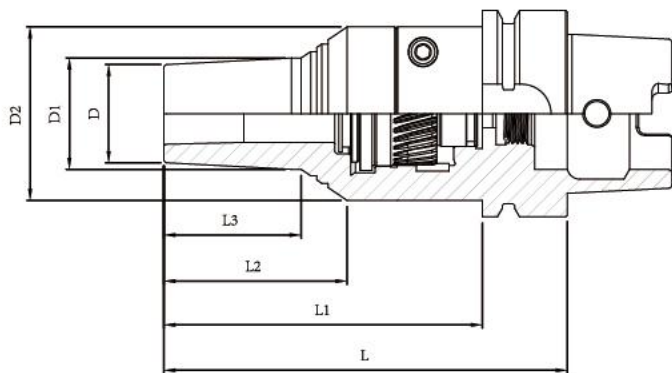
鉋孔
Reaming



鑽孔
Drilling

XYHSK63A GPC14L123

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYHSK63AGPC14L123	4-14	123	97	56	42	/	30	34	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



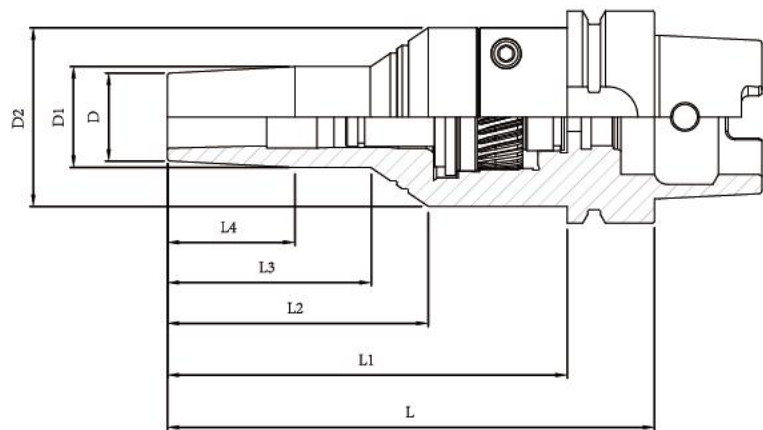
鉋孔
Reaming



鑽孔
Drilling

XYHSK63A GPC14L150

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYHSK63AGPC14L150	4-14	145	119	78	61	38	26	30	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



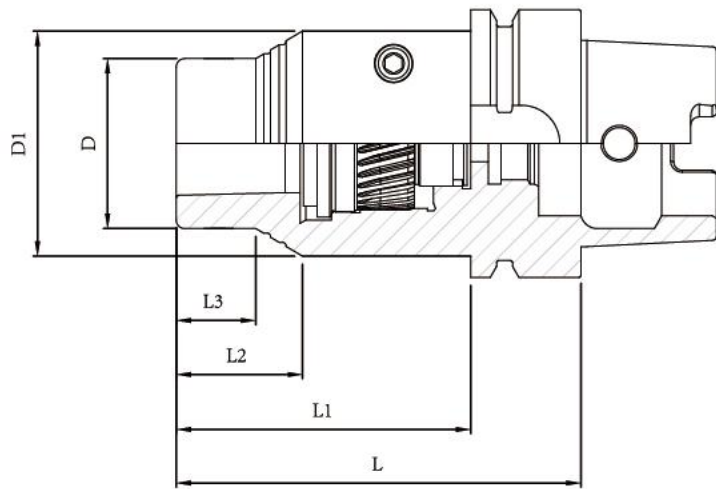
鉋孔
Reaming



鑽孔
Drilling

XYHSK63A GPC20L095

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK63AGPC20L095	4-20	95	70	30	19	/	40	53	/	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



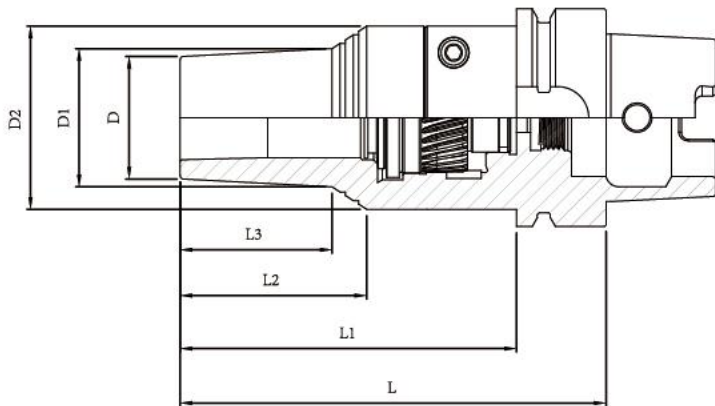
鉋孔
Reaming



鑽孔
Drilling

XYHSK63A GPC20L123

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK63AGPC20L123	4-20	123	97	54	44	/	35	40	53	/	20000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



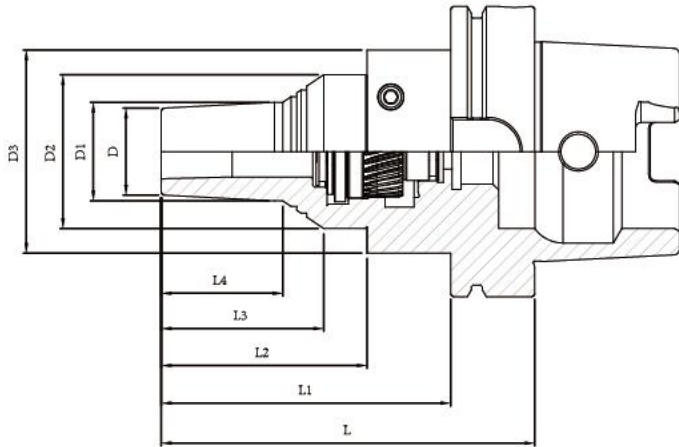
鉋孔
Reaming



鑽孔
Drilling

XYHSK100A GPC14L129

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min*G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK100AGPC14L129	4-14	129	100	71	56	42	30	34	53	70	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



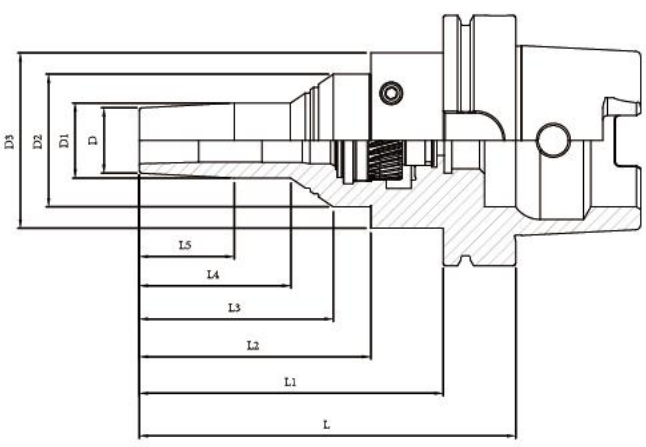
鉋孔
Reaming



鑽孔
Drilling

XYHSK100A GPC14L150

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	L5	D	D1	D2	D3	min*G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK100AGPC14L150	4-14	150	121	93	78	61	38	26	30	53	70	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置, 可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



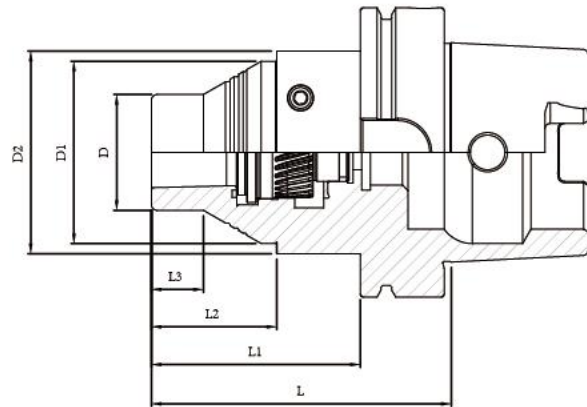
鉋孔
Reaming



鑽孔
Drilling

XYHSK100A GPC20L100

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK100AGPC20L100	4-20	101	72	43	18	/	40	63	70	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



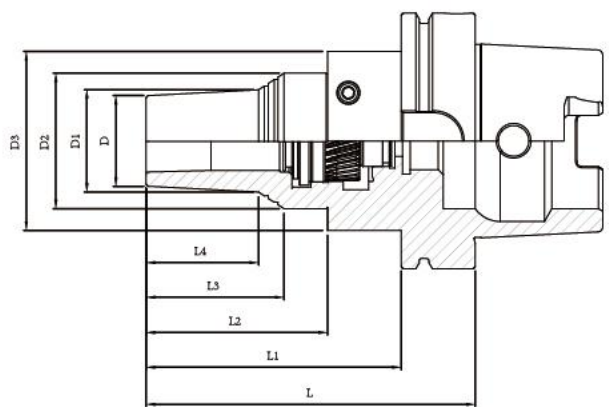
鉋孔
Reaming



鑽孔
Drilling

XYHSK100A GPC20L129

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
XYHSK100AGPC20L129	4-20	129	100	71	54	44	35	40	53	70	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置,可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



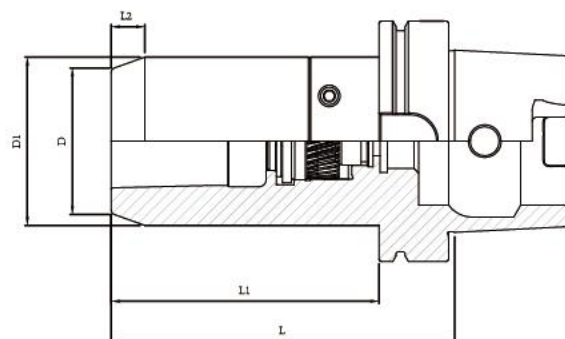
鉋孔
Reaming



鑽孔
Drilling

XYHSK100A GPC32L140

旋壓HSK系列 »



Order Code	Range(d)	L	L1	L2	L3	L4	D	D1	D2	D3	min ¹ G2.5	Spanner	Recommend Torsion	Torque Wrench	Center Coolant	Side Coolant	Pin Collet
訂購編號	夾持範圍										動態平衡	扳手規格	推薦鎖固扭力	扭力扳手	中心出水	側面出水	Pin筒夾
XYHSK100AGPC32L140	16-32	140	111	14	/	/	60	70	/	/	15000	4MM	10NM	○	√	√	√

- 可以選擇中心出水及側面出水的功能。
- 側面出水必須選用有水槽的夾頭。
- 中心出水選用C型夾頭。
- 可以選用PIN Collet。
- 冷卻液可直接噴到刀尖位置，可快速冷卻及去除鐵屑。
- $2.5D \leq 0.003\text{mm}$

- Provide the center coolant and the side coolant.
- Select the side coolant must to use the collet with coolant slot.
- C type Chuck is used for central outlet.
- Select the PIN Collet.
- Coolant can be sprayed directly into the edge of tool for quick cooling and remove the steel chip.
- At 2.5 magnification, the clamping accuracy is less than or equal to 0.003 mm.

應用/Applications



銑削
Endmilling



鉋孔
Reaming



鑽孔
Drilling

高精度、高效率、高穩定、高可靠度

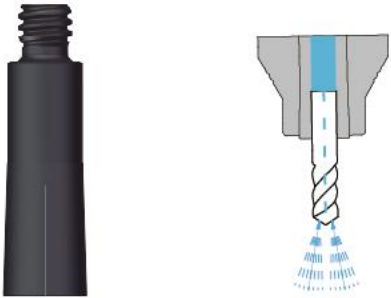
GPC系列

GPC筒夾-夾持深度

GPC筒夾類型	夾持柄徑 (Ø用於h6公差)	最小夾持深度	最大夾持深度
GPC14	4	17	66
	6	22	66
	8-10	30	50
	12-14	38	50
GPC20	4	17	66
	6	22	48.5
	8-10	30	48.5
	12-20	38	48.5
GPC32	16-32	47	60

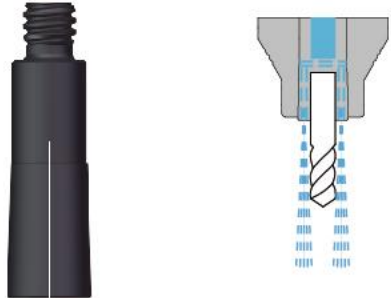
GPC14筒夾

中心出水



訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC14D04C	Ø4	66	中心出水
XYGPC14D06C	Ø6	66	中心出水
XYGPC14D08C	Ø8	50	中心出水
XYGPC14D10C	Ø10	50	中心出水
XYGPC14D12C	Ø12	50	中心出水
XYGPC14D14C	Ø14	50	中心出水

側面出水



訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC14D04L	Ø4	66	側面出水
XYGPC14D06L	Ø6	66	側面出水
XYGPC14D08L	Ø8	50	側面出水
XYGPC14D10L	Ø10	50	側面出水
XYGPC14D12L	Ø12	50	側面出水
XYGPC14D14L	Ø14	50	側面出水

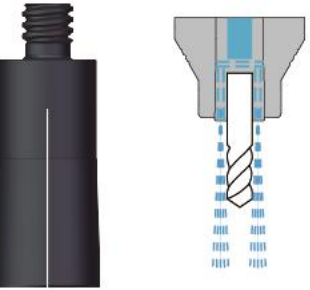
GPC20筒夾

中心出水



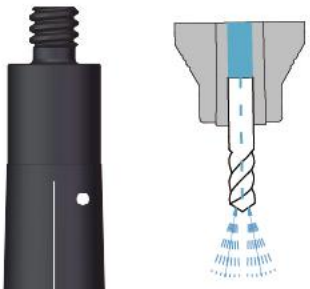
訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC20D04C	Ø4	66	中心出水
XYGPC20D06C	Ø6	66	中心出水
XYGPC20D08C	Ø8	48.5	中心出水
XYGPC20D10C	Ø10	48.5	中心出水
XYGPC20D12C	Ø12	48.5	中心出水
XYGPC20D14C	Ø14	48.5	中心出水
XYGPC20D16C	Ø16	48.5	中心出水
XYGPC20D18C	Ø18	48.5	中心出水
XYGPC20D20C	Ø20	48.5	中心出水

側面出水



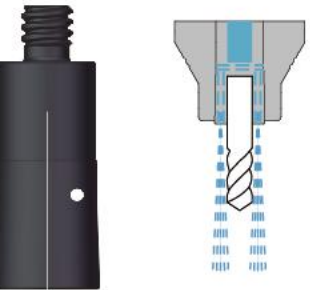
訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC20D04L	Ø4	66	側面出水
XYGPC20D06L	Ø6	66	側面出水
XYGPC20D08L	Ø8	48.5	側面出水
XYGPC20D10L	Ø10	48.5	側面出水
XYGPC20D12L	Ø12	48.5	側面出水
XYGPC20D14L	Ø14	48.5	側面出水
XYGPC20D16L	Ø16	48.5	側面出水
XYGPC20D18L	Ø18	48.5	側面出水
XYGPC20D20L	Ø20	48.5	側面出水

中心出水 + 固定銷



訂購編碼	Ø (夾持柄徑)	最大夾持深度	固定銷	出水方式
XYGPC20D06CP	Ø6	66	是	中心出水
XYGPC20D08CP	Ø8	48.5	是	中心出水
XYGPC20D10CP	Ø10	48.5	是	中心出水
XYGPC20D12CP	Ø12	48.5	是	中心出水
XYGPC20D14CP	Ø14	48.5	是	中心出水
XYGPC20D16CP	Ø16	48.5	是	中心出水

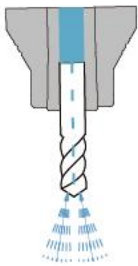
側面出水 + 固定銷



訂購編碼	Ø (夾持柄徑)	最大夾持深度	固定銷	出水方式
XYGPC20D06LP	Ø6	66	是	側面出水
XYGPC20D08LP	Ø8	48.5	是	側面出水
XYGPC20D10LP	Ø10	48.5	是	側面出水
XYGPC20D12LP	Ø12	48.5	是	側面出水
XYGPC20D14LP	Ø14	48.5	是	側面出水
XYGPC20D16LP	Ø16	48.5	是	側面出水

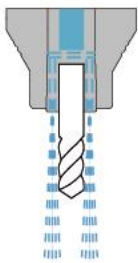
GPC32筒夾

中心出水



訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC32D20C	Ø20	59.5	中心出水
XYGPC32D25C	Ø25	59.5	中心出水
XYGPC32D30C	Ø30	59.5	中心出水
XYGPC32D32C	Ø32	59.5	中心出水

側面出水



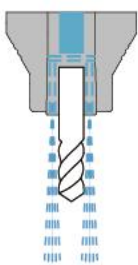
訂購編碼	Ø (夾持柄徑)	最大夾持深度	出水方式
XYGPC32D16L	Ø16	59.5	側面出水
XYGPC32D20L	Ø20	59.5	側面出水
XYGPC32D25L	Ø25	59.5	側面出水
XYGPC32D30L	Ø30	59.5	側面出水
XYGPC32D32L	Ø32	59.5	側面出水

中心出水 + 固定銷



訂購編碼	Ø (夾持柄徑)	最大夾持深度	固定銷	出水方式
XYGPC32D16CP	Ø16	59.5	是	中心出水
XYGPC32D20CP	Ø20	59.5	是	中心出水
XYGPC32D25CP	Ø25	59.5	是	中心出水

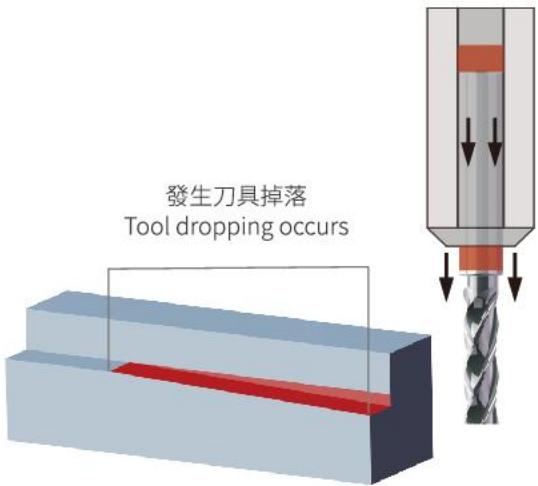
側面出水 + 固定銷



訂購編碼	Ø (夾持柄徑)	最大夾持深度	固定銷	出水方式
XYGPC32D16LP	Ø16	59.5	是	側面出水
XYGPC32D20LP	Ø20	59.5	是	側面出水
XYGPC32D25LP	Ø25	59.5	是	側面出水

PIN-固定鎖

Fixed lock



切深變化會導致工件損壞
Changes in cutting depth will cause workpiece damage



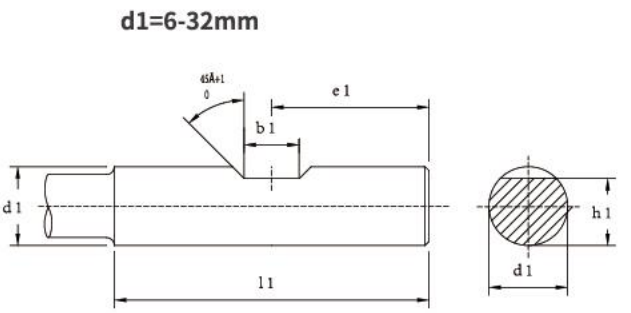
通過使用PIN、可100%不掉刀，防止工件受損
By using a PIN, the tool can be 100% prevented from falling, thus avoiding workpiece damage

DIN 6535 HB

d1 h6 (mm)	b1 +0.05 (mm)	e1 -1 (mm)	h1 h11 (mm)	l1 +2 (mm)
6	4.2	18	5.1	36
8	5.5	18	6.9	36
10	7	20	8.5	40
12	8	22.5	10.4	45
14	8	22.5	12.7	45
16	10	24	14.2	48
18	10	24	16.2	48
20	11	25	18.2	50
25	12	32	23.0	56
32	14	38	30.0	60

帶PIN設計的GPC筒夾
配合側鎖(Weldon)柄(DIN 6535 HB)使用整個組件由筒夾，止動固定銷組成。可100%不掉刀通過提升系統可靠性來提高生產效率是最簡單的機械式解決方案。

The GPC collet with PIN design
Used in conjunction with a side-lock (Weldon) shank(DIN 6535 HB).The entire assembly consists of a collet and a stop pin, ensuring 100% tool retention.Improvig cproduction efficiency by enhancing system reliability.
It is the simplest mechanical solution



PIN-使用说明

Usage Instructions



1. 插入刀具

擰下長度擋塊，對齊刀具的扁平面，使其位於孔的一側。現在將刀具插入夾緊筒夾中，直到刀具與筒夾孔區域平行。

1. Insert the tool

Unscrew the length stop and align the flat surface of the tool so that it is positioned on one side of the hole. Now insert the tool into the clamping collet until the tool is parallel to the collet's bore area.



2. 插入固定銷

使用安裝工具將固定銷插入孔中，直至止動。
注意：銷不得伸出夾緊筒夾。

2. Insert the fixing pin

Use the installation tool to insert the fixing pin into the hole until it stops. Note: The pin must not protrude from the clamping collet.



3. 使刀具無間隙

使用安裝工具擰入長度調節螺絲，直到工具無間隙地抵靠。注意：不要施加軸向壓力。然後用固定工具將夾緊套筒夾裝入旋壓刀柄中。

3. Make the tool have no play

Use the installation tool to screw in the length adjustment screw until the tool abuts without play. Note: Do not apply axial pressure. Then use the fixing tool to clamp the clamping sleeve into the spin-on tool holder.

5

工具配件

高精度、高效率、高穩定、高可靠度

工具配件

Tool Accessories



限位螺絲

訂購編碼	規格	適用直徑	適用筒夾
LGLS001	40	Ø4-Ø6	GPC14-GPC20
LGLS002	30	Ø8-Ø20	GPC14-GPC20
LGLS003	30	Ø12-Ø32	GPC32



止動固定銷

訂購編碼	規格	適用直徑	適用筒夾
LGPIN314	Ø3*14	Ø6-Ø14	GPC14-GPC20
LGPIN312	Ø3*12	Ø16	GPC14-GPC20
LGPIN426	Ø4*26	Ø16-Ø20	GPC32
LGPIN420	Ø4*20	Ø25	GPC32



標準扳手

訂購編碼	規格	扭力范围
LGGPCT10	4MM	10Nm



跳脫扳手

訂購編碼	規格	扭力范围
LGGPCL10	4MM	10Nm

注意事項

Precautions



遵循製造商規定操作, 裝配和維護條件。產品只能在技術數據中規定的限度內使用, 兄夾持參考範圍。如不考慮最小夾緊深度可能會導致損壞和精度損失

利固旋壓刀柄夾緊範圍適用於圓柱軸的旋轉對稱刀具軸類型: DIN1835 A, BDIN 6535 HA, HB 軸公差h6。

在更換工具時, 建議使用合適的防護手套。注意: 如不遵守最小夾緊深度, 則有斷裂的危險((由于零件彈出而造成的危險)。當工具張力鬆開時, 要握住工具, 以免脫落, 損壞工具和工件。

請務必使用利固精工製造商或授權工廠所產出的配件和工具, 使用外部產出的工具或配件有可能造成利固精工系列產品損傷, 對當事人或公司產生損失。

為確保利固旋壓刀柄的功能性和安全性, 修理只能由製造廠商或授權的工廠代理進行在產品破損或碰撞后, 我們建議檢查刀柄和筒夾是否出現精度或其它問題發生。

利固旋壓刀柄使用後, 應用清潔劑清理刀柄和筒夾特別是刀柄內錐和外錐和筒夾及其螺紋并根據污染程度和環境條件進行清潔間隔調整, 清潔後, 請提供適當的防腐蝕保護。

Follow the manufacturer's specified operating, assembly, and maintenance conditions. The product may only be used within the limits specified in the technical data; refer to the clamping reference range。Failure to observe the minimum clamping depth may result in damage and loss of precision.

The clamping range of the Ligui spinning tool holder is suitable for rotationally symmetrical tool shafts with cylindrical shafts.

When changing tools, it is recommended to use suitable protective gloves. Caution: Failure to comply with the minimum clamping depth may result in a risk of breakage (danger due to parts ejection).When releasing tool tension, hold the tool to prevent it from falling and damaging the tool or workpiece.

It is mandatory to use accessories and tools produced by Ligui Precision or its authorized factories.Using externally sourced tools or accessories may cause damage to Ligui Precision series products,leading to losses for individuals or the company.

To ensure the functionality and safety of Ligui spinning tool holders, repairs shall only be performed by the manufacturer or authorized factory agents. In case of product damage or collision, we recommend inspecting the tool holder and collet for accuracy issues or other problems.

After using the Ligui spinning tool holder clean the tool holder and collet with a cleaning agent,particularly the internal and external tapers of the tool holder, the collet, and its threads. Adjust the cleaning interval according to the degree of contamination and environmental conditions. After cleaning,provide appropriate anti-corrosion protection.

刀柄使用說明

Tool Holder Usage instructions



(1) 使用前, 請用適當的工具清潔刀柄內錐和筒夾的錐面及其內孔(注意, 清潔過程中應避免污垢顆粒進入蝸輪內部), 將刀具插入筒夾內部, 用筒夾後部限位螺絲調節刀具長度(限位螺絲為選用配件, 非必要使用), 請見以上夾持範圍參考。

(1) Before use, please clean the internal taper of the tool holder, the conical surface of the collet, and its inner hole with appropriate tools. (Note: During the cleaning process, avoid allowing dirt particles to enter the interior of the worm gear), Insert the tool into the interior of the collet. Adjust the tool length with the limit screw at the rear of the collet. (The limit screw is an optional accessory and not required for use.) Please refer to the clamping range reference above.



(2) 用手將筒夾裝入刀柄, 順時針旋轉直至筒夾與錐體連接。為獲得最好的精度和夾持力等, 請每次更換刀具時清理刀柄及筒夾的內外錐。

(2) Insert the collet into the tool holder by hand and rotate it clockwise until the collet connects with the cone. To achieve optimal accuracy and clamping force, clean the internal and external tapers of the tool holder and collet each time the tool is changed.



(3) 在刀柄側面蝸杆位置插入扭力扳手, 順時針轉動扳手, 將扳手表面兩個箭頭對齊(請使用利固原裝扭力扳手, 避免出現扭力不穩定造成其他問題發生, 使用前請檢查扳手六角面是否出現損壞)

(3) Insert a torque wrench into the worm gear position on the side of the tool holder. Turn the wrench clockwise to align the two arrows on the wrench surface. (Use only the original Ligui torque wrench to prevent issues caused by unstable torque. Before use, inspect the hexagonal surface of the wrench for damage.)

