系統刀具專業設計製造

伉剛

LI KANG INDUSTRY CO., LTD



Rev.03

CORPORATE TOOLING SYSTEM

Professional, Precision, Durable 專業 · 精密 · 耐用



仂剛工業有限公司

LI KANG INDUSTRY CO., LTD

WEBSITE

OFFICIAL LINE

成立於1989年，前身為三和興工業社，從事精密零組件生產已超過30年，也是國內第一批投入精密刀桿生產的廠商之一，擁有豐富的設計研發及生產組裝經驗。

隨著工具機產業的蓬勃發展，市場需求逐年擴增，為增加產能及追求更完美的品質，除豐原一廠、豐原二廠外，位於豐洲科技工業園區的豐洲一廠也於2013年加入生產行列，並引進世界各先進國家的工具機生產及檢驗設備。

在製造、研磨及組裝過程中，我們實施最嚴格的品質管理，以確保每件產品的品質，除了高品質及多樣化的產品選擇外，**仂剛**亦擁有專業的技術部門，針對客戶各種特殊的加工需求，提供專業諮詢和客製化的服務，給予客戶最佳的加工方案，以協助客戶解決問題。

仂剛堅持提供高品質產品及最優質的服務，與每位客戶建立長期且穩定的合作關係，創造雙贏局面。

BT
Series 系列產品

P01 ~ P57



P1

KCH 強力型精密銑刀夾頭
POWER GRIP MILLING CHUCK/KCH



P2

KCH(S) 強力型精密銑刀夾頭
POWER GRIP MILLING CHUCK/KCH(S)



P2

MCH 可調式強力型精密銑刀夾頭
ADJUSTABLE POWER GRIP MILLING CHUCK/MCH



P2

KCH插銷式強力型銑刀夾頭
POWER GRIP MILLING CHUCK WITH PLUG / KCH



P4-5

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P6

LT 超短型高精度銑刀夾頭
SHORT TYPE COLLET CHUCK/LT



P6

MLT 可調式高精度銑刀夾頭
ADJUSTABLE COLLET CHUCK/LT



P6

LT 插銷式高精度銑刀夾頭
COLLET CHUCK WITH PLUG/LT



P9

KG 後拉式高精度銑刀夾頭
COLLET CHUCK/KG



P10

KG(S) 後拉式高精度銑刀夾頭
COLLET CHUCK/KG(S)



P12-13

HSL 標準型燒結式刀桿
STANDARD SHRINK FIT CHUCK/HSL



P14

HSL-S 細型燒結式刀桿
SLIM SHRINK FIT CHUCK/HSL-S



P14

HSLT 燒結式刀桿 (≦3°)
SHRINK FIT CHUCK(≦3°) /HSLT



P15

HSLP 燒結式刀桿 (≦5°)
SHRINK FIT CHUCK (≦5°) /HSLP



P16

HSLB 加粗型燒結式刀桿
POWER SHRINK FIT CHUCK/HSLB



P17

HSL-O 鼻端出水型燒結式刀桿
COOLANT TYPE SHRINK FIT CHUCK/HSL-O



P18

TPA 伸縮扭力攻牙器
TENSION & COMPRESSION TAP HOLDER/TPA



P18

TPA-ES/TPB 扭力攻牙器
TAP HOLDER/TPA-ES & TPB



P19

ER 伸縮攻牙器
RIGID TAP HOLDER/TER



P19

DT33, 52 攻牙器
DT33, 52 DRILL TAPER CHUCK



P20

LB 後拉式高精度銑刀夾頭
COLLET CHUCK/LB



P22-23

ER 銑刀夾頭
SPRING COLLET CHUCK/ER



P24

ER-M 銑刀夾頭
SPRING COLLET CHUCK/ER-M



P24

ER20-M27 銑刀夾頭
SPRING COLLET CHUCK/ER20-M27



P24

SCA 側銑刀架
SIDE CUTTER HOLDER/SCA



P27

LR 整數柄ER銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR



P28-29

FMA 平面銑刀柄
FACE MILL A TYPE/FMA



P30-31

FMB 平面銑刀柄
FACE MILL B TYPE/FMB



P33-34

SLA 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLA



P35

SLB 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLB



P36

SLA 鎢鋼柄專用側固式刀桿
SIDE LOCK HOLDER FOR CARBIDE TOOL/SLA



P36

SLA 超短型側固式立銑刀柄
THE SHORTEST SIDE LOCK END MILL HOLDER/SLA



P36

SLP-45 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLP



P37

SLP 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLP-3S



P38

CK 粗(精)搪刀桿
BORING HOLDER/CK



P39

LCK 粗(精)搪刀桿
BORING HOLDER/LCK



P39

CKB 粗(精)加粗型搪刀桿
BORING HOLDER/CKB



P47

BLB 大口徑微調刀柄
LARGE SIZE MICRO BORING HOLDER/BLB



P47

BST 大口徑粗搪孔刀
LARGE SIZE BORING HOLDER/BST



P50

BCS 微調搪孔刀柄
MICRO FINISH BORING HOLDER



P51

BSA 粗搪孔刀柄
45° BORING HOLDER A TYPE/BSA



P52

BSB 粗搪孔刀柄
90° BORING HOLDER B TYPE/BSB



P53

MTA 斜柄鑽頭套筒刀柄
MORSE TAPER HOLDER A TYPE



P53

MTB 斜柄鑽頭套筒刀柄
MORSE TAPER HOLDER B TYPE



P54

JTA 斜柄鑽帽心軸
DRILL CHUCK HOLDER/JTA



P54

OZ 立銑刀夾頭
COLLET CHUCK/OZ



P54

APU 一體式鑽頭夾頭刀柄
DRILL CHUCK HOLDER/APU



P55

ABH 微調搪孔刀柄
MICRO BORING HOLDER/ABH



P55

鎖牙式刀桿
SCREWED END MILL HOLDER



P56

OSL 油路刀把
EXTERNAL COOLANT INDUCER/OSL



P56

TSA 異徑套筒
ADAPTER/TSA



P57

HLB 後拉式燒結刀桿
PULL BACK SHRINK FIT CHUCK / HLB

扳手 筒夾 螺帽

WRENCH/COLLET/NUT



P3

KCH 扳手+直筒夾
WRENCH/KCH+STRAIGHT COLLET



P7-8

LT 扳手+筒夾+螺帽
LT: WRENCH+COLLET +CLAMPING NUT



P11

KG 後拉式筒夾+
KG 後拉式燒結接桿
KG: COLLET+SHRINK FIT ADAPTER



P18

TPA 扭力攻牙筒夾
COLLET/TPA



P21

LB 後拉式筒夾
COLLET/LB



P21

LB06-LH 後拉式燒結接桿
SHRINK FIT ADAPTER/LB6-LH-HSL



P25-26

ER/LR 螺帽,扳手+**ER**筒夾
ER/LR: CLAMPING NUT+WRENCH +SPRING COLLET/ER



P54

OZ 筒夾+扳手
COLLET+WRENCH/OZ



P56

OSL 套筒
STRAIGHT SLEEVE/OSL



P57

HLB 筒夾
COLLET/HLB

CK 轉接桿

ADAPTER FOR CK



P40

CK-KCH 強力型銑刀夾頭
POWER GRIP MILLING CHUCK ADAPTER FOR CK BORING



P40

CK-LT 高精度銑刀夾頭
LT COLLECT CHUCK ADAPTER FOR CK BORING



P40

CK-TPA 伸縮扭力攻牙器
TENSION & COMPRESSION TPA ADAPTER FOR CK BORING



P40

CK-LR 整數柄ER銑刀夾頭
INTEGER HANDLE COLLET CHUCK ADAPTER FOR CK



P41

CK-FMA(B) 平面銑刀桿
FACE MILL A&B TYPE ADAPTER FOR CK BORING HOLDER



P41

CK-ER 銑刀夾頭
SPRING COLLECT CHUCK ADAPTER FOR CK BORING HOLDER



P41

CK-SLA 側固式立銑刀柄
SIDE LOCK END MILL HOLDER ADAPTER FOR CK BORING HOLDER



P42

CK 接桿
CK:EQUAL DIAMETER EXTENSION ADAPTER



P42

CK 異徑接桿
CK:REDUCING CHANGE ADAPTER

搪孔系統
BORING SYSTEM



P32

搪孔刀頭
FACE MILL A&B TYPE
TRANSFER BORING BLOCK



P32

精搪孔刀頭
FACE MILL A&B TYPE
TRANSFER BORING BLOCK



P32

TB 固定式粗搪刀頭
FIXED ROUGH BORING HEAD/TB



P43

RBH 雙刃粗搪孔頭
ROUGH BORING HEAD/RBH



P43

CBH 微調精搪孔頭
FINISH BORING HEAD/CBH



P43

BJ 小徑精搪頭
MICRO FINISH BORING HEAD/BJ



P44

BJ 小徑搪刀桿
BORING BAR/BJ



P44

鎢鋼柄搪刀桿+搪孔頭
+鎢鋼柄轉換套筒
CARBIDE HOLDER+BORING HEAD
+COLLET ADAPTER



P45

CBM 精密微調精搪頭與刀片座
MICRO ADJUSTMENT BORING HEAD
AND INSERT HOLDER/CBM



P45

CBM 精密微調精搪頭與刀片座
MICRO ADJUSTMENT BORING HEAD
AND INSERT HOLDER/CBM



P47

BLB 刀盤
BORING BLOCK/BLB



P47

BST 刀盤
BORING BLOCK/BST



P48

BSS 微調搪孔刀柄
MICRO BORING BAR/BSS



P48

精搪頭
FINE BORING HEAD



P48

鎢鋼柄刀桿
CARBIDE HOLDER



P49

HSL 鎢鋼柄燒結轉接桿
CARBIDE HOLDER ADAPTER
FOR SHRINK FIT



P49

CK 鎢鋼柄搪孔轉接桿
CARBIDE HOLDER
ADAPTER FOR BORING



P112

CK 直柄雙刃粗(精)搪刀桿
STRAIGHT SHANK
BORING HOLDER/CK



P116

BS 直柄搪孔刀柄
STRAIGHT SHANK BORING HOLDER

SK DIN69871 Series 系列產品

P59 ~ P63



P59

KCH 強力型精密銑刀夾頭
POWER GRIP MILLING CHUCK/KCH



P59

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P60

KG 後拉式高精度銑刀夾頭
COLLET CHUCK/KG



P60

TPA 伸縮扭力攻牙器
TENSION & COMPRESSION TAP HOLDER/TPA



P60

ER 伸縮攻牙器
RIGID TAP HOLDER/TER



P61

ER 銑刀夾頭
SPRING COLLET CHUCK/ER



P61

FMA/FMB 平面銑刀
FACE MILL A&B TYPE



P62

SLA 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLA



P62

MTA 斜柄鑽頭套筒刀柄
MORSE TAPER HOLDER A TYPE/MTA



P62

APU 一體式鑽夾頭刀柄
DRILL CHUCK HOLDER/APU



P62

MTB 斜柄鑽頭套筒刀柄
MORSE TAPER HOLDER B TYPE/MTB



P63

CK 雙刃粗(精)搪刀桿
BORING HOLDER/CK



P63

LBK 雙刃粗(精)搪刀桿
BORING HOLDER/LBK

HSK-A
Series 系列產品

P65 ~ P77


P65

LT 高精度銑刀夾頭
COLLET CHUCK/LT


P66

MLT 可調式高精度銑刀夾頭
ADJUSTABLE COLLET CHUCK/MLT


P67

ER 銑刀夾頭
SPRING COLLET CHUCK/ER


P68

LR 整數柄銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR


P68

SLA 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLA


P69

HSL 標準型燒結式刀桿
STANDARD SHRINK FIT CHUCK/HSL


P70

HSL-S 細型燒結式刀桿
SLIM SHRINK FIT CHUCK/HSL-S


P71

HSL-O 鼻端出水型燒結式刀桿
COOLANT TYPE SHRINK FIT CHUCK/HSL-O


P72

KG 後拉式高精度銑刀夾頭
COLLET CHUCK/KG


P73

M 鎖牙式刀桿
SCREWED END MILL HOLDER


P73

LB 後拉式高精度銑刀夾頭
COLLET CHUCK/LB


P73

TPA (伸縮)扭力攻牙器
(TENSION) & COMPRESSION TAP HOLDER/TPA


P73

HLB 後拉式燒結刀桿
PULL BACK SHRINK FIT CHUCK/HLB


P67

KCH 強力型精密銑刀夾頭
POWER GRIP MILLING CHUCK/KCH


P67

APU 一體式鑽夾頭刀柄
DRILL CHUCK HOLDER/APU


P67

測試棒
TEST BAR


P67

MTA 斜柄鑽頭套筒刀柄
MORSE TAPER HOLDER A TYPE


P66

LBK 雙刃粗(精)搪刀桿
BORING HOLDER/LBK


P68

FMA/FMB 平面銑刀
FACE MILL A&B TYPE



P77

KCH 插銷式強力型銑刀夾頭
POWER GRIP MILLING
CHUCK WITH PLUG / KCH



P77

LT插銷式高精度銑刀夾頭
LT COLLET CHUCK WITH PLUG

HSK-E Series 系列產品

P79 ~ P80



P79

HSL 燒結式專用刀桿
SHRINK FIT CHUCK/HSL



P79

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P79

LB後拉式高精度銑刀夾頭
COLLET CHUCK/LB



P80

ER 銑刀夾頭
SPRING COLLET CHUCK/ER



P80

LR 整數柄銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR



P80

測試棒
TEST BAR

HSK-F Series 系列產品

P81



P81

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P81

LR 整數柄ER銑刀夾頭
INTEGER HANDLECOLLET CHUCK/LR



P81

ER 銑刀夾頭
SPRING COLLET CHUCK/ER

NT
Series 系列產品

P83 ~ P97


P83

TPA 伸縮扭力攻牙器
TENSION COMPRESSION TAP HOLDER/TPA


P83

SCA 側銑刀架
SIDE CUTTER HOLDER/SCA


P83

FMA 平面銑刀柄
FACE MILL A TYPE/FMA


P84

FMA 平面銑刀柄(增長型)
FACE MILL A TYPE (LONG TYPE)/FMA


P84

SLA 側固式立銑刀柄
SIDE LOCK END MILL HOLDER/SLA


P85

CK 雙刃粗(精)搪刀桿
BORING HOLDER/CK


P85

APU 一體式鑽夾頭
DRILL CHUCK HOLDER/APU


P85

BSA 粗糖孔刀柄
30° BORING HOLDER A TYPE/BSA


P85

BSB 粗糖孔刀柄
90° BORING HOLDER B TYPE/BSB


P86

MTA 斜柄鑽頭套筒
MORSE TAPER HOLDER A TYPE/MTA


P86

BST 大口徑搪孔刀柄
LARGE SIZE BORING HOLDER


P86

OZ 立銑刀夾頭
COLLET CHUCK/OZ


P86

KCH 強力型精密銑刀夾頭
POWER MILL CHUCK/KCH


P87

ABH 微調搪孔刀柄
MICRO BORING HOLDER/ABH


P87

ER 銑刀夾頭
SPRING COLLET CHUCK/ER

HBT
Series 系列產品

P89 ~ P99


P89-90
LT 二面接觸強力型精密銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/LT


P91
KCH 二面接觸強力型精密銑刀夾頭
DOUBLE FACE CONTACT POWER GRIP MILLING CHUCK/KCH


P91
LR 二面接觸整數柄ER銑刀夾頭
DOUBLE FACE CONTACT INTEGER HANDLE COLLET CHUCK/LR


P92
ER 二面接觸ER銑刀夾頭
DOUBLE FACE CONTACT SPRING COLLET CHUCK/ER


P93
FMA 二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL A TYPE/FMA


P94
FMB 二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL B TYPE/FMB


P95
SLA 二面接觸側固式立銑刀柄
DOUBLE FACE CONTACT SIDE LOCK END MILL HOLDER/SLA


P96
KG 二面接觸後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/KG


P96
KG(S) 二面接觸細長後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/KG(S)


P97
LBK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/LBK


P98
CK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/CK


P98
LCK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/LCK


P98
APU 二面接觸一體式鑽頭夾頭刀柄
DOUBLE FACE CONTACT DRILL CHUCK HOLDER/APU


P98
M 二面接觸鎖牙式刀桿
DOUBLE FACE CONTACT SCREWED END MILL HOLDER


P99
HSL 二面接觸燒結式專用刀桿
DOUBLE FACE CONTACT SHRINK FIT CHUCK/HSL


P99
LB 二面接觸後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/LB

NBT Series 系列產品

P101



P101

ER 無鍵槽銑刀夾頭
COLLET CHUCK
WITHOUT KEYWAY/ER



P101

LT 無鍵槽高精度銑刀夾頭
COLLET CHUCK
WITHOUT KEYWAY/LT



P101

LR 無鍵槽銑刀夾頭
COLLET CHUCK
WITHOUT KEYWAY/LR



P101

LB 無鍵槽後拉式高精度銑刀夾頭
COLLET CHUCK
WITHOUT KEYWAY/LB

雕刻機刀桿 ISO-BT15-BT20 Series 系列產品

P103~P105



P103

LR 整數柄ER銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR



P103

ER 銑刀夾頭
SPRING COLLET CHUCK/ER



P103

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P104

LB 後拉式高精度銑刀夾頭
COLLET CHUCK/LB



P104

HSL 燒結式專用刀桿
SHRINK FIT CHUCK/HSL



P105

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P105

ER 銑刀夾頭
SPRING COLLET CHUCK/ER



P105

LR 整數柄ER銑刀夾頭
INTEGER HANDLE
COLLET CHUCK/LR



P105

LT 高精度銑刀夾頭
COLLET CHUCK/LT



P105

LR 整數柄ER銑刀夾頭
INTEGER HANDLE
COLLET CHUCK/LR

直柄/斜柄
Series 系列產品

P107~P119



P107-110

HSL 燒結延長桿
SHRINK FIT EXTENSION/HSL



P111

KG 直柄後拉式銑刀夾頭
STRAIGHT SHANK
COLLET CHUCK/KG



P111

LB 直柄後拉式銑刀夾頭
STRAIGHT SHANK
COLLET CHUCK/LB



P112

CK 直柄雙刃粗(精)搪刀桿
STRAIGHT SHANK
BORING HOLDER/CK



P112

APU 一體式鑽夾頭
DRILL CHUCK HOLDER/APU



P113-114

SLA 直柄側固式刀柄
SRAIGHT SHANK SIDE
LOCK END MILL HOLDER



P115

M 直柄絲攻延長桿
STRAIGHT SHANK TAP EXTENSION



P116

BS 直柄搪孔刀柄
STRAIGHT SHANK BORING HOLDER



P116

LT 直柄夾頭
STRAIGHT SHANK
COLLET CHUCK/LT



P117

ER 直柄夾頭
STRAIGHT SHANK
SPRING COLLET CHUCK/ER



P118

ER 直柄夾頭-M型
STRAIGHT SHANK SPRING
COLLET CHUCK/ER(M)



P118

ER 直柄夾頭-側固型
STRAIGHT SHANK SPRING
COLLET CHUCK/SIDE LOCK TYPE



P119

ER 直柄伸縮攻牙器
STRAIGHT SHANK
RIGID TAP HOLDER



P119

MT 延長鑽頭套筒
MORSE TAPER EXTENSION



P119

TPA 直柄/斜柄
伸縮扭力攻牙器
STRAIGHT/MORSE TAPER SHANK

配 件
Accessories

P121 ~ P125


P121
拉頭
PULL STUD


P122
HSK 中心出水導油管/止水塞頭
COOLANT SUPPLY/WATER STOP PLUG


P122
KGS 三點式組合模具
MODODULAR CONCENTRICITY TEST GAUGE


P123
光電式尋邊器
PHOTOELECTRIC EDGE FINDER


P123
偏心式尋邊器
MECHANICAL EDGE FINDER


P123
擦拭棒
SPINDLE TAPER WIPER


P123
Z 軸高度設定器
Z AXIAL PRESET GAUGE


P123
立臥兩用BT、SK刀軸鎖刀座
TOOL LOCKING DEVICE


P124
ER 直柄ER夾頭組
STRAIGHT SHANK SPRING COLLET SET


P124
BC2 搪孔器組
BORING SHANK SET


P124
OZ 立銑刀夾頭組
OZ COLLET CHUCK SET


P125
BHB 搪孔器組
BORING SHANK SET


P125
懸臂鑽床攻牙器組
DRILL TAPER SET


P125
KCH 強力型精密銑刀夾頭組
POWER GRIP MILLING CHUCK SET/KCH


P126
高週波燒結機
INDUCTION SHRINKING UNIT

減震刀桿
Damped tool series
系列產品

P112~P129



P129

BT-SCBH整體式減震精搪刀桿 & BT-SRBH-LA整體式減震粗搪刀桿
BT-SCBH INTEGRATED FINE BORING TOOLS & BT-SRBH-LA INTEGRATED TWIN-BIT ROUGH BORING TOOLS



P130

BT-SLBK 減震搪刀桿
BT-SLBK DAMPED BORING BAR



P131

BT-SLBK減震搪刀桿 + RBH-LA雙刃粗搪頭
BT-SLBK DAMPED BORING BAR TO RBH-LA TWIN-EDGE ROUGH BORING HEAD



P132

BT-SLBK減震搪刀桿 + CBH精密微調搪頭
BT-SLBK DAMPED BORING BAR TO CBH FINE BORING HEAD



P133

LBK減震異徑粗搪頭-組合式
LBK INTEGRATED MODULAR DAMPED ROUGH BORING TOOL



P134

LBK減震異徑微調精搪頭-組合式
LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL



P135

BT刀桿+LBK減震異徑微調精搪頭
BT HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL



P136

SK刀桿+LBK減震異徑微調精搪頭
SK HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL



P137

HSK刀桿+LBK減震異徑微調精搪頭
HSK HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL



P138

HSK-FMH 減震銑刀桿系列
HSK-FMH SERIES DAMPED MILLING TOOL



P139

LBK 減震異徑粗搪頭-組合式
LBK INTEGRATED MODULAR DAMPED ROUGH BORING TOOL



P141

BT/HBT-LT 減震系列
BT/HBT-LT SERIES DAMPED MILLING TOOL



P142

HBT-LR減震銑刀桿系列
HBT-LR SERIES DAMPED MILLING TOOL



P143

HSK-LR 減震系列
HSK-LR SERIES DAMPED MILLING TOOL



P144

SLTC減震直柄車刀桿 +快換式KT車刀頭
SLTC DAMPED TURNING HOLDER SERIES WITH QUICK CHANGE KT TYPE TURNING HEAD



P145

DC 減震車刀套筒系列
DAMPED TURNING TOOL SLEEVE SERIES

LI KANG INDUSTRY CO., LTD

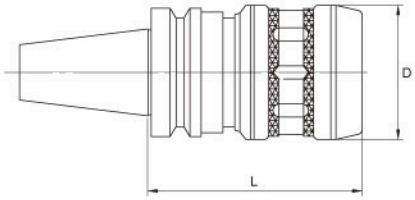
Professional、Precise、Durable 專業、精密、耐用



BT Series 系列產品

Q





KCH強力型精密銑刀夾頭

MODEL NO.	Clamping Range	L	D	COLLET
BT30-KCH12-70	4-12	70	35	C12
BT30-KCH16-70	4-16	70	42	C16
BT30-KCH16-100	4-16	100	42	C16
BT30-KCH20-80	6-20	80	52	C20
BT30-KCH25-80	6-25	80	60	C25
BT30-KCH25-100	6-25	100	60	C25
BT40-KCH12-75	4-12	75	35	C12
BT40-KCH12-90	4-12	90		
BT40-KCH12-105	4-12	105		
BT40-KCH16-75	4-16	75	42	C16
BT40-KCH16-90	4-16	90		
BT40-KCH16-105	4-16	105		
BT40-KCH20-75	6-20	75	52	C20
BT40-KCH20-90	6-20	90		
BT40-KCH20-105	6-20	105		
BT40-KCH20-135	6-20	135		
BT40-KCH25-75	6-25	75	60	C25
BT40-KCH25-90	6-25	90		
BT40-KCH25-105	6-25	105		
BT40-KCH25-135	6-25	135		
BT40-KCH32-95	4-32	95	68	C32
BT40-KCH32-105	4-32	105		
BT40-KCH32-135	4-32	135		


P3-Collet

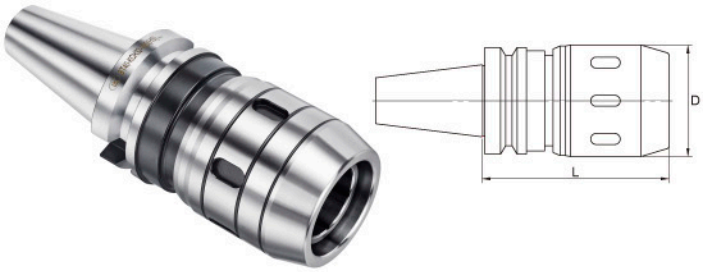

P3-KCH Wrench

POWER GRIP MILLING CHUCK/KCH

MODEL NO.	Clamping Range	L	D	COLLET
BT50-KCH16-105	4-16	105	42	C16
BT50-KCH16-135	4-16	135		
BT50-KCH16-150	4-16	150		
BT50-KCH16-165	4-16	165		
BT50-KCH16-200	4-16	200		
BT50-KCH16-250	4-16	250		
BT50-KCH20-105	6-20	105	52	C20
BT50-KCH20-135	6-20	135		
BT50-KCH20-150	6-20	150		
BT50-KCH20-165	6-20	165		
BT50-KCH20-200	6-20	200		
BT50-KCH20-250	6-20	250		
BT50-KCH20-300	6-20	300		
BT50-KCH20-350	6-20	350		
BT50-KCH20-400	6-20	400		
BT50-KCH25-105	6-25	105	60	C25
BT50-KCH25-135	6-25	135		
BT50-KCH25-150	6-25	150		
BT50-KCH25-165	6-25	165		
BT50-KCH25-200	6-25	200		
BT50-KCH25-250	6-25	250		
BT50-KCH25-300	6-25	300		
BT50-KCH25-350	6-25	350		
BT50-KCH32-105	4-32	105	68	C32
BT50-KCH32-135	4-32	135		
BT50-KCH32-150	4-32	150		
BT50-KCH32-165	4-32	165		
BT50-KCH32-200	4-32	200		
BT50-KCH32-250	4-32	250		
BT50-KCH32-300	4-32	300		
BT50-KCH32-350	4-32	350		
BT50-KCH42-105	6-42	105	87	C42
BT50-KCH42-135	6-42	135		
BT50-KCH42-165	6-42	165		
* BT50-KCH42-200	6-42	200		

PS: KCH16有勾型外蓋及軸承型外蓋可選用。

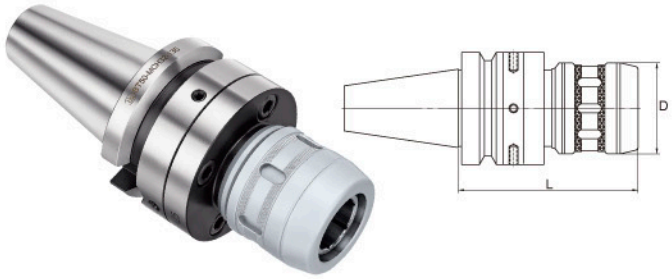
*:為減重設計。



KCH(S)/KGH 強力型精密銑刀夾頭 POWER GRIP MILLING CHUCK/KCH(S)& KGH

MODEL NO.	Clamping Range	L	D	COLLET
BT30-KCH20-70-S	6-20	70	48	C20
BT30-KCH20-80-S	6-20	80		
BT30-KCH20-100-S	6-20	100		
BT30-KCH32-100-HS	4-32	100	63	C32
BT40-KCH20-75-S	6-20	75	48	C20
BT40-KCH20-90-S	6-20	90		
BT40-KCH20-105-S	6-20	105		
BT40-KCH32-90-MS	4-32	90	63	C32
BT40-KCH32-95-HS	4-32	95		
BT40-KCH32-105-HS	4-32	105		
BT50-KCH16-135-S	4-16	135	42	C16
BT50-KCH16-165-S	4-16	165		
BT50-KCH20-105-S	6-20	105	48	C20
BT50-KCH20-135-S	6-20	135		
BT50-KCH20-165-S	6-20	165		
BT50-KCH20-200-S	6-20	200		
BT50-KCH32-105-S	4-32	105	63	C32
BT50-KCH32-135-S	4-32	135		
BT50-KCH32-165-S	4-32	165		
BT40-KGH32-90	4-32	90	73	C32
BT50-KGH32-105	4-32	105	73	C32
BT50-KGH32-135	4-32	135		
BT50-KGH32-165	4-32	165		
BT50-KGH32-200	4-32	200		

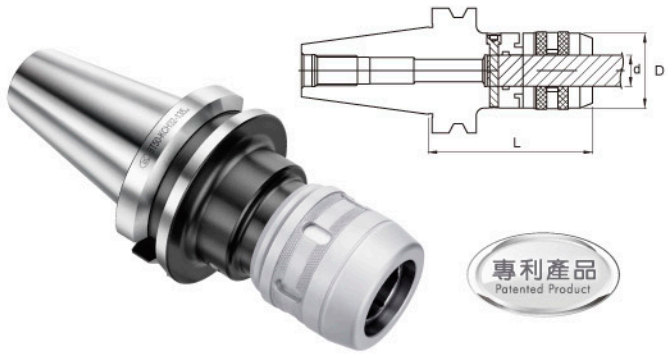
(1) KCH-S外徑較標準型小，可避免干涉問題　(2) KGH外徑較標準型大，可增加夾持力



MCH 可調式強力型精密銑刀夾頭 ADJUSTABLE POWER GRIP MILLING CHUCK/MCH

MODEL NO.	Clamping Range	L	D	COLLET	Weight
BT50-MCH32-135	4-32	135	68	C32	6.55

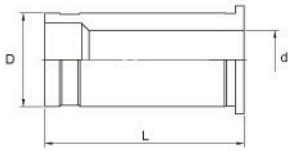
特點：
調整量：0.3mm。不論新舊機台、刀架，皆可調整
至5μ以內，亦可作偏心調整，使刀具符合所需尺寸



KCH 插銷式強力型銑刀夾頭 POWER GRIP MILLING CHUCK WITH PLUG / KCH

MODEL NO.	d	D	L
BT50-KCH20-120	20	52	120
BT50-KCH20-150	20	52	150
BT50-KCH25-120	25	60	120
BT50-KCH25-150	25	60	150
BT50-KCH32-105	32	68	105
BT50-KCH32-135	32	68	135





直筒夾 STRAIGHT COLLET

MODEL NO.	D	整數 d	L
C16	16	4、6、8、10、12	50
C20	20	3、4、5、6、7、8、10、12、15、16	57
C25	25	3、4、6、8、10、12、14、15、16、18、19、20	58
C32	32	4、5、6、7、8、9、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25	68
C42	42	6、8、10、12、16、20、24、25、31、32	80

MODEL NO.	D	小數 d	L
C20	20	10.5、12.5、14.5、15.5、16.5	57
C25	25	15.5	58
C32	32	3.175、4.2、5.2、5.5、6.2、6.5、6.8、7.5、8.5、9.5、10.3、10.5、11.5、12.5	68

MODEL NO.	D	英制 d	L
C32	32	1/4"、5/16"、3/8"、1/2"、5/8"、3/4"、1"	68



FIG.1



FIG.2

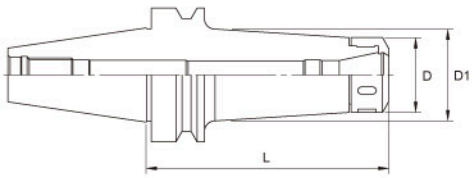
KCH 扳手 WRENCH/KCH

MODEL NO.	Fig	L	A
KCH16	1	210	40.7
KCH20	1	230	42
KCH20-S	1	230	42
KCH25	1	250	52
KCH32	1	270	53
KCH32-S	1	260	53
KGH32	1	285	52
KCH42	1	310	68
KCH12	2	200	35
KCH16	2	210	42
KCH20-MS	2	230	45

FIG.1 = 勾型扳手 FIG.2 = 軸承型扳手



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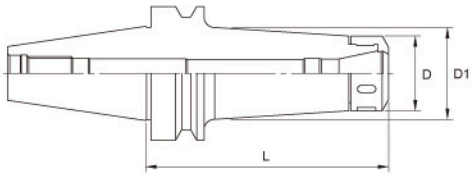
LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L
BT30-LT04-100	2-4	14	20	100
BT30-LT04-100-Z	2-4	14	-	100
BT30-LT06-70	2-6	20	-	70
BT30-LT06-100	2-6	20	-	100
BT30-LT08-70	2-8	25	-	70
BT30-LT08-100	2-8	25	-	100
BT30-LT10-50	2-10.3	35	-	50
BT30-LT10-70	2-10.3	35	-	70
BT30-LT10-100	2-10.3	35	-	100
BT30-LT10-120	2-10.3	35	-	120
BT30-LT10-135	2-10.3	35	-	135
BT30-LT12-60	3-12	40	-	60
BT30-LT12-70	3-12	40	-	70
BT30-LT12-80	3-12	40	-	80
BT30-LT12-100	3-12	40	-	100
BT30-LT12-125	3-12	40	-	125
BT30-LT16-70	3-16	46	-	70
BT30-LT16-100	3-16	46	-	100
BT30-LT20-75	4-20	50	-	75
BT30-LT20-100	4-20	50	-	100
BT30-LT25-100	4-25	58	-	100

MODEL NO.	Clamping Range	D	D1	L
BT40-LT04-100	2-4	14	20	100
BT40-LT04-100-Z	2-4	14	-	100
BT40-LT04-125	2-4	14	24	125
BT40-LT06-70	2-6	20	-	70
BT40-LT06-100	2-6	20	23	100
BT40-LT06-100-Z	2-6	20	-	100
BT40-LT06-125	2-6	20	23	125
BT40-LT06-125-Z	2-6	20	-	125
BT40-LT06-150	2-6	20	27	150
BT40-LT08-70	2-8	25	-	70
BT40-LT08-100	2-8	25	-	100
BT40-LT08-125	2-8	25	-	125
BT40-LT08-150	2-8	25	28	150
BT40-LT10-70	2-10.3	35	-	70
BT40-LT10-80	2-10.3	35	-	80
BT40-LT10-100	2-10.3	35	-	100
BT40-LT10-125	2-10.3	35	-	125
BT40-LT10-150	2-10.3	35	-	150
BT40-LT10-200	2-10.3	35	-	200
BT40-LT12-70	3-12	40	-	70
BT40-LT12-90	3-12	40	-	90
BT40-LT12-100	3-12	40	-	100
BT40-LT12-125	3-12	40	-	125
BT40-LT12-150	3-12	40	-	150
BT40-LT16-70	3-16	46	-	70
BT40-LT16-80	3-16	46	-	80
BT40-LT16-100	3-16	46	-	100
BT40-LT16-125	3-16	46	-	125
BT40-LT16-150	3-16	46	-	150
BT40-LT16-200	3-16	46	-	200
BT40-LT20-70	4-20	50	-	70
BT40-LT20-100	4-20	50	-	100
BT40-LT20-125	4-20	50	-	125
BT40-LT20-150	4-20	50	-	150
BT40-LT20-200	4-20	50	-	200
BT40-LT25-80	4-25	58	-	80
BT40-LT25-100	4-25	58	-	100
BT40-LT25-125	4-25	58	-	125
BT40-LT25-150	4-25	58	-	150
BT40-LT25-200	4-25	58	-	200
BT40-LT32-90	10-32	68	-	90
BT40-LT32-105	10-32	68	-	105
BT40-LT32-135	10-32	68	-	135
BT40-LT32-165	10-32	68	-	165
BT40-LT32-200	10-32	68	-	200
BT40-LT32-250	10-32	68	-	250



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LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L
BT50-LT06-135	2-6	20	25	135
BT50-LT06-165	2-6	20	25	165
BT50-LT06-200	2-6	20	27	200
BT50-LT08-165	2-8	25	30	165
BT50-LT08-200	2-8	25	32	200
BT50-LT10-100	2-10.3	35	-	100
BT50-LT10-125	2-10.3	35	-	125
BT50-LT10-150	2-10.3	35	40	150
BT50-LT10-200	2-10.3	35	42	200
BT50-LT10-250	2-10.3	35	-	250
BT50-LT10-300	2-10.3	35	47	300
BT50-LT12-100	3-12	40	-	100
BT50-LT12-125	3-12	40	-	125
BT50-LT12-150	3-12	40	-	150
BT50-LT12-200	3-12	40	-	200
BT50-LT16-100	3-16	46	-	100
BT50-LT16-125	3-16	46	-	125
BT50-LT16-150	3-16	46	52	150
BT50-LT16-200	3-16	46	52	200
BT50-LT16-250	3-16	46	54	250
BT50-LT16-300	3-16	46	57	300
BT50-LT16-350	3-16	46	57	350
BT50-LT20-100	4-20	50	-	100
BT50-LT20-125	4-20	50	-	125
BT50-LT20-150	4-20	50	-	150
BT50-LT20-200	4-20	50	-	200
BT50-LT20-250	4-20	50	-	250
BT50-LT25-100	4-25	58	-	100
BT50-LT25-120	4-25	58	-	120
BT50-LT25-125	4-25	58	-	125
BT50-LT25-150	4-25	58	-	150
BT50-LT25-200	4-25	58	-	200

MODEL NO.	Clamping Range	D	D1	L
BT50-LT25-250	4-25	58	62	250
BT50-LT25-300	4-25	58	62	300
BT50-LT25-350	4-25	58	62	350
BT50-LT25-400	4-25	58	62	400
BT50-LT32-75	10-32	68	-	75
BT50-LT32-100	10-32	68	-	100
BT50-LT32-135	10-32	68	-	135
BT50-LT32-165	10-32	68	-	165
BT50-LT32-200	10-32	68	-	200
BT50-LT32-250	10-32	68	-	250
BT50-LT32-300	10-32	68	-	300
BT50-LT42-75	19-42	83	-	75
BT50-LT42-90	19-42	83	-	90
BT50-LT42-105	19-42	83	-	105
BT50-LT42-135	19-42	83	-	135
BT50-LT42-165	19-42	83	-	165
BT30-LT12-70-S	3-12	35	-	70
BT30-LT12-80-S	3-12	35	-	80
BT30-LT12-100-S	3-12	35	-	100
BT40-LT04-100-S	2-4	12	18	100
BT40-LT04-125-S	2-4	12	22	125
BT40-LT10-100-S	2-10.3	30	-	100
BT40-LT10-125-S	2-10.3	30	-	125
BT40-LT10-150-S	2-10.3	30	-	150
BT40-LT12-100-S	3-12	35	-	100
BT50-LT10-100-S	2-10.3	30	-	100
BT50-LT10-150-S	2-10.3	30	35	150
BT50-LT10-200-S	2-10.3	30	35	200
BT50-LT12-100-S	3-12	35	-	100
BT50-LT12-125-S	3-12	35	-	125
BT50-LT12-150-S	3-12	35	-	150

PS: LT10有勾型螺帽及軸承型螺帽可選用。

註：LT-S外徑較標準型小，可避免干涉問題

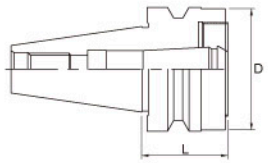

P7-LT Wrench


P7-LT Nut


P8-LT Collet

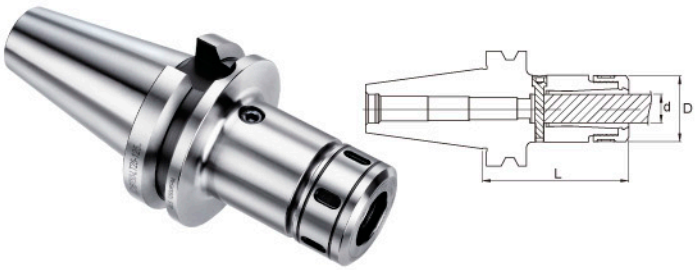


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LT 超短型高精度銑刀夾頭 SHORT TYPE COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	L
BT30-LT10-32	2-10.3	45	32
BT40-LT10-27	2-10.3	63	27
BT40-LT16-27	4-16	63	27
BT40-LT16-35	4-16	55	35
BT50-LT16-45	4-16	58	45

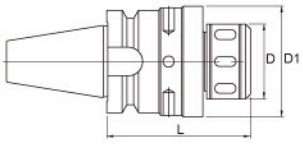


LT 插銷式高精度銑刀夾頭 COLLET CHUCK WITH PLUG/LT

MODEL NO.	d	D	L	Collet
BT50-LT25-100	25	58	100	LT25
BT50-LT25-125	25	58	125	LT25
BT50-LT25-150	25	58	150	LT25
BT50-LT32-105	32	68	105	LT32
BT50-LT32-150	32	68	150	LT32



專利產品 Patented Product



MLT 可調式高精度銑刀夾頭 ADJUSTABLE COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L
BT30-MLT06-65	2-6	20	38	65
BT30-MLT10-85-S	2-10.3	30	48	85
BT40-MLT06-70	2-6	20	38	70
BT40-MLT10-85	2-10.3	35	63	85
BT40-MLT16-90	3-16	46	68	90
BT40-MLT20-100	4-20	50	73	100
BT40-MLT25-135	4-25	58	94	135
BT50-MLT16-100	3-16	46	68	100
BT50-MLT25-125	4-25	58	94	125
BT50-MLT32-135	10-32	68	100	135

(1) 新舊機台、刀架，精度皆可調整至5 μ以內，亦可作偏心調整，便刀具符合所需尺寸
(2) 出廠設定調整量為0.05mm，下訂時可視客戶需求提高調整量
(3) 筒夾規格齊全，可適用各式柄徑之工具，亦有止水筒夾可供選用



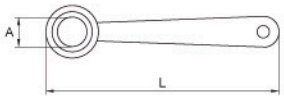


FIG.1



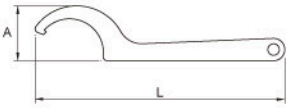


FIG.2





FIG.3



FIG.1

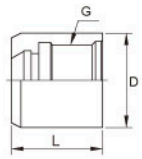




FIG.2

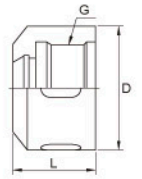




FIG.3

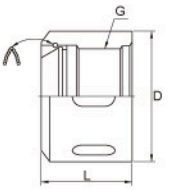
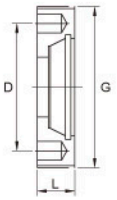




Fig.4



LT 扳手 WRENCH/LT

MODEL NO.	Fig	L	A
LT04-S	1	140	12
LT04	1	150	14
LT06	1	160	20
LT08	1	170	25
LT10	1	200	35
LT10-S	1	180	30
LT12	1	200	40
LT10	2	190	36
LT12	2	240	41
LT16	2	235	43.5
LT20	2	250	45
LT25	2	260	47
LT32	2	270	58
LT42	2	320	70
LT10	3	156	25
LT16	3	180	34

FIG.1 ＝軸承型扳手
FIG.2 ＝勾型扳手
FIG.3 ＝內藏型扳手

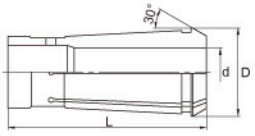
LT 螺帽 CLAMPING NUT/LT

MODEL NO.	Fig	D	L	G
LT04-S	1	12	12	M11xP0.75
LT04	1	14	14	M11xP0.75
LT06	1	20	19	M16xP1.0
LT08	1	25	25	M20xP1.0
LT10	1	35	30	M25xP1.25
LT10-S	1	30	23	M23xP1.25
LT12	1	40	29	M30xP1.25
LT12-S	1	35	29	M27xP1.25
LT10	2	35	30	M25xP1.25
LT12	2	40	29	M30xP1.25
LT16	2	46	27	M36xP1.5
LT16	3	46	27	M36xP1.5
LT20	3	50	27	M40xP1.5
LT25	3	58	32	M47xP1.5
LT32	3	68	33	M56xP1.5
LT42	3	83	35	M70xP1.5
LT10	4	25	10	M35xP1.25
LT16	4	34	10	M43xP1.25

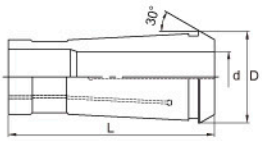
FIG.1 ＝軸承型螺帽　FIG.3 ＝勾型鋼珠螺帽
FIG.2 ＝勾型螺帽　FIG.4 ＝內藏式螺帽











LT 筒夾 COLLET/LT

MODEL NO.	整數 d	D	L
LT04	2、3、4	8.3	27.4
LT06	2、3、4、5、6	12	40.5
LT08	3、4、5、6、7、8	15	41.5
LT10	2、3、4、5、6、7、8、9、10	17.2	46.5
LT12	3、4、5、6、7、8、9、10、11、12	20.4	48.5
LT16	3、4、5、6、7、8、9、10、11、12、13、14、15、16	26.4	60
LT20	4、5、6、7、8、9、10、11、12、13、14、15、16、17、18、19、20	31	65.5
LT25	4、5、6、7、8、9、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25	36	70
LT32	10、11、12、13、14、15、16、17、18、19、20、22、24、25、30、32	44	80
LT42	19、20、24、25、30、32、40、42	57	90.5

MODEL NO.	小數 d	D	L
LT04	2.5、3.175、3.3、3.5、4.2	8.3	27.4
LT06	2.5、2.6、3.2、3.3、3.4、3.5、4.2、4.3、4.5、5.2、5.5	12	40.5
LT08	2.6、3.2、3.4、3.5、4.3、4.5、5.2、5.5、6.2、6.6、6.8	15	41.5
LT10	2.2、2.3、2.5、2.6、2.8、3.2、3.3、3.4、3.5、3.8、4.2、4.3、4.5、4.8、5.1、5.2、5.5、5.6、5.8、6.1、6.2、6.3、6.35、6.5、6.6、6.8、7.2、7.5、7.94、8.2、8.5、8.6、8.8、9.525、10.3	17.2	46.5
LT12	12.5	20.4	48.5
LT16	3.5、4.3、4.5、5.1、5.3、5.5、6.2、6.35、6.5、6.8、7.2、7.5、8.5、9.525、10.3、10.5、11.5、12.5、12.7、13.5、14.5、15.5、15.875	26.4	60
LT20	6.2、8.5、10.5、12.5	31	65.7
LT25	8.5、10.5、12.5、15.5、16.5、17.5、18.5、19.5	33.3	70

WLT 止水筒夾 COOLANT COLLET/WLT

MODEL NO.	整數 d	D	L
WLT06	3、4、5、6	12	40.5
WLT08	3、4、6、7、8	15	41.5
WLT10	3、4、5、6、7、8、9、10	17.2	46.5
WLT12	4、6、8、10、12	20	48.5
WLT16	4、5、6、7、8、9、10、11、12、13、14、15、16	26.4	60
WLT20	6、7、8、9、10、11、12、13、14、15、16、17、18、19、20	31	65.5
WLT25	4、6、8、10、11、12、13、14、15、16	36	70
WLT32	11、12、13、14、15、16、17、18、19、20、21、22、23、24、25、26、27、28、29、30、31、32	44	80
WLT42	20、25、30、32、40、42	57	90.5

MODEL NO.	小數 d	D	L
WLT06	3.18	12	40.5
WLT10	3.2、3.3、3.5、4.3、4.5、5.5、6.2、6.5、7.5、9.5、10.3	17.2	46.5
WLT16	8.5、10.5、12.5	26.4	60
WLT32	25.4、31.75	44	80

1.剛性出水，不需加裝膠墊、油封、墊片。
2.不論刀具是否中心出水，皆可夾持。
3.LT刀柄可適用LT筒夾及WLT止水筒夾。



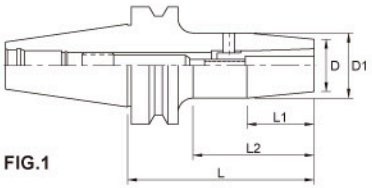


FIG.1

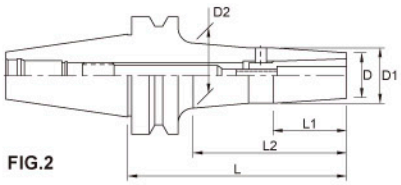


FIG.2

KG 後拉式高精度銑刀夾頭 COLLET CHUCK/KG

MODEL NO.	Fig	Clamping Range	L	L1	L2	D	D1	D2	Collet
BT30-KG08-60	1	3-10	60	25	35	23	27	-	
BT40-KG08-75	1	3-10	75	36	46	23	30	-	
BT40-KG08-75-H	1	3-10	75	-	45	30	-	-	
BT40-KG08-90-MS	1	3-10	90	38	55	21	27	-	
BT40-KG08-100	1	3-10	100	36	63	23	30	-	KG08
BT40-KG08-100-H	1	3-10	100	-	63	30	-	-	
BT40-KG08-125	2	3-10	125	36	92	23	30	35	
BT40-KG08-150	2	3-10	150	36	117	23	30	37	
BT40-KG08-250	3	3-10	250	213	-	23	40	-	
BT40-KG14-75	1	6-14	75	40	43	26	34	-	
BT40-KG14-75-H	1	6-14	75	-	42	34	-	-	
BT40-KG14-100	1	6-14	100	45	65	26	34	-	
BT40-KG14-125	3	6-14	125	90	-	26	38	-	KG14
BT40-KG14-150	2	6-14	150	40	118	26	34	38	
BT40-KG14-250	3	6-14	250	216	-	26	47	-	
BT40-KG16-75	1	6-16	75	32	41	32	37	-	
BT40-KG16-100	1	6-16	100	45	66	32	39	-	
BT40-KG16-125	1	6-16	125	67	92	32	40	-	KG16
BT40-KG16-150	1	6-16	150	80	119	32	43	-	
BT40-KG20-75	3	10-20	75	46	-	38	45	-	
BT40-KG20-80	3	10-20	80	50	-	42	45	-	
BT40-KG20-80-H	1	10-20	80	-	50	48	-	-	
BT40-KG20-100	1	10-20	100	52	71	42	48	-	
BT40-KG20-100-H	1	10-20	100	-	71	48	-	-	KG20
BT40-KG20-125	1	10-20	125	52	96	42	48	-	
BT40-KG20-150	1	10-20	150	52	121	42	48	-	
BT50-KG08-100	1	3-10	100	32	50	24	30	-	
BT50-KG08-160	3	3-10	160	110	-	22	39	-	
BT50-KG08-200	3	3-10	200	150	-	22	47	-	
BT50-KG08-250	3	3-10	250	200	-	22	50	-	
BT50-KG08-300	2	3-10	300	40	245	22	30	48	KG08
BT50-KG08-350	3	3-10	350	300	-	22	52	-	
BT50-KG08-400	3	3-10	400	350	-	22	45	-	
BT50-KG14-105	3	6-14	105	45	59	28	34	-	
BT50-KG14-160	3	6-14	160	35	121	26	43	-	
BT50-KG14-200	3	6-14	200	150	-	26	51	-	
BT50-KG14-250	2	6-14	250	25	195	26	34	52	KG14
BT50-KG14-300	2	6-14	300	40	245	26	34	52	
BT50-KG14-350	3	6-14	350	300	-	26	56	-	
BT50-KG16-110	1	6-16	110	45	64	32	39	-	KG16
BT50-KG16-160	1	6-16	160	108	115	32	49	-	
BT50-KG20-110	1	10-20	110	38	64	42	48	-	
BT50-KG20-160	3	10-20	160	110	-	38	57	55	
BT50-KG20-200	3	10-20	200	150	-	38	53	58	KG20
BT50-KG20-250	3	10-20	250	200	-	38	58	61	
BT50-KG20-300	2	10-20	300	30	247	38	48	61	



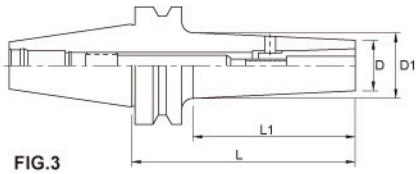


FIG.3

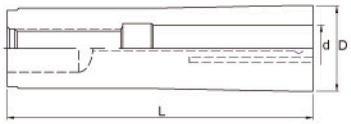
KG(S) 後拉式高精度銑刀夾頭 COLLET CHUCK/KG(S)

MODEL NO.	Fig	Clamping Range	L	L1	L2	D	D1	D2	Collet
BT40-KG08-125-S	3	3-10	125	90	-	22	32	-	KG08
BT40-KG08-150-S	3	3-10	150	115	-	22	32	-	
BT40-KG08-200-S	3	3-10	200	160	-	22	32	-	
BT40-KG08-250-S	3	3-10	250	218	-	22	34	-	
BT40-KG08-250-M	3	3-10	250	213	-	28	40	-	
BT40-KG14-125-S	3	6-14	125	90	-	26	34	-	KG14
BT40-KG14-150-S	3	6-14	150	115	-	26	34	-	
BT40-KG14-200-S	3	6-14	200	160	-	26	34	-	
BT40-KG14-250-S	3	6-14	250	218	-	26	40	-	
BT40-KG14-250-M	3	6-14	250	216	-	32	47	-	
BT50-KG08-200-S	3	3-10	200	150	-	22	35	-	KG08
BT50-KG08-250-S	3	3-10	250	200	-	22	35	-	
BT50-KG08-300-S	3	3-10	300	250	-	22	35	-	
BT50-KG08-350-S	3	3-10	350	300	-	22	35	-	
BT50-KG08-400-S	3	3-10	400	352	-	22	35	-	
BT50-KG08-400-M	3	3-10	400	350	-	30	45	-	
BT50-KG08-400-MH	3	3-10	400	350	-	22	57	-	
BT50-KG14-200-S	3	6-14	200	150	-	25	38	-	KG14
BT50-KG14-250-S	3	6-14	250	200	-	25	38	-	
BT50-KG14-300-S	3	6-14	300	250	-	25	38	-	
BT50-KG14-350-S	3	6-14	350	300	-	25	38	-	
BT50-KG14-350-M	3	6-14	350	300	-	26	48	-	
BT50-KG14-350-MH	3	6-14	350	300	-	35	48	-	
BT50-KG14-400-S	3	6-14	400	350	-	25	38	-	
BT50-KG14-400-M	3	6-14	400	350	-	26	48	-	
BT50-KG20-160-S	3	10-20	160	113	-	38	48	-	KG20
BT50-KG20-160-M	3	10-20	160	113	-	42	53	-	
BT50-KG20-300-S	3	10-20	300	250	-	36	48	-	
BT50-KG20-300-MS	3	10-20	300	250	-	36	42	-	
BT50-KG20-400-S	3	10-20	400	350	-	36	48	-	
BT50-KG20-400-MS	1	10-20	400	52	349	36	38	-	


P11 -KG Collet


P11-Adapter



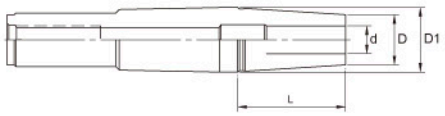


KG 後拉式筒夾 COLLET/KG

MODEL NO.	D	d	L
KG08	14.5	3、4、5、6、7、8、9、10 3.2、3.3、3.4、3.5、3.8、4.2、4.3、4.5、5.2、5.5、6.2、6.3、6.35、6.5、6.8、8.5	53
KG14	17.8	6、7、8、9、10、11、12、14 8.5、10.5、12.5	64
KG16	22.05	6、7、8、9、10、11、12、13、14、15、16	68
KG20	24.6	10、12、14、16、18、20	70

備註：KG08筒夾建議夾持長度35mm以下， KG14筒夾建議夾持長度45mm以下， KG20筒夾建議夾持長度50mm以下





KG 後拉式燒結接桿 SHRINK FIT ADAPTER/KG

MODEL NO.	d	D	D1	L
KG08-HSL04-25	4	9	14.5	25
KG08-HSL04-45	4	8	14.5	45
KG08-HSL04-65	4	7	16.5	65
KG08-HSL06-25	6	12	14.5	25
KG08-HSL06-45	6	11	14.5	45
KG08-HSL06-65	6	10	16.5	65
KG08-HSL08-30	8	12	14.5	30
KG08-HSL08-45	8	12	16	45
KG14-HSL06-65	6	10	20	65
KG14-HSL08-30	8	14	17.5	30
KG14-HSL08-50	8	14	20	50
KG14-HSL10-35	10	15	17.5	35
KG14-HSL10-50	10	15	21	50
KG14-HSL12-50	12	18	21	50



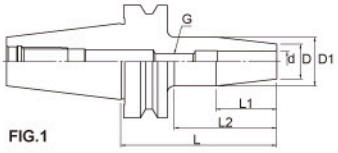


FIG.1

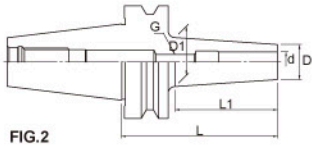


FIG.2

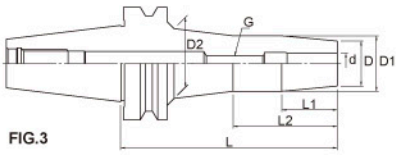


FIG.3

HSL 標準型燒結式刀桿 STANDARD SHRINK FIT CHUCK/HSL

MODEL NO.	Fig	d	D	D1	D2	L	L1	L2	G
BT30-HSL03-80	2	3	8	16	-	80	50	-	-
BT30-HSL04-60	1	4	10	14	-	60	26	32	-
BT30-HSL04-80	2	4	10	18	-	80	50	-	-
BT30-HSL04-120	1	4	10	21	-	120	70	91	-
BT30-HSL06-60	1	6	21	25	-	60	27	33	M8xP1.25
BT30-HSL06-80	1	6	21	27	-	80	38	52	M8xP1.25
BT30-HSL06-120	1	6	21	27	-	120	38	93	M8xP1.25
BT30-HSL06-135	1	6	21	27	-	135	38	108	M8xP1.25
BT30-HSL08-60	1	8	21	25	-	60	27	33	M10xP1.5
BT30-HSL08-80	1	8	21	27	-	80	38	52	M10xP1.5
BT30-HSL08-120	1	8	21	27	-	120	38	93	M6xP1.0
BT30-HSL08-135	1	8	21	27	-	135	38	108	M6xP1.0
BT30-HSL10-60	1	10	24	28	-	60	28	34	M8xP1.25
BT30-HSL10-80	1	10	24	31	-	80	42	55	M8xP1.25
BT30-HSL10-120	1	10	24	32	-	120	51	96	M8xP1.25
BT30-HSL10-135	1	10	24	32	-	135	51	111	M8xP1.25
BT30-HSL12-60	1	12	24	28	-	60	28	34	M8xP1.25
BT30-HSL12-80	1	12	24	32	-	80	40	55	M8xP1.25
BT30-HSL12-120	1	12	24	32	-	120	51	96	M8xP1.25
BT30-HSL12-135	1	12	24	32	-	135	51	111	M8xP1.25
BT30-HSL16-60	1	16	27	32	-	60	30	36	M8xP1.25
BT30-HSL16-80	1	16	27	34	-	80	42	56	M8xP1.25
BT30-HSL16-120	1	16	27	34	-	120	44	96	M8xP1.25
BT30-HSL16-135	1	16	27	34	-	135	44	111	M8xP1.25
BT30-HSL20-60	1	20	32	36	-	60	25	37	M8xP1.25
BT30-HSL20-80	1	20	32	38	-	80	36	56	M8xP1.25
BT40-HSL03-90	2	3	8	17	-	90	55	-	-
BT40-HSL04-90	2	4	10	17.5	-	90	45	-	-
BT40-HSL04-120	1	4	10	21	-	120	67	81	-
BT40-HSL04-120-1	3	4	10	21	28	120	67	87	M8xP1.25
BT40-HSL05-90	1	5	11.5	17.5	-	90	40	51	-
BT40-HSL06-90	1	6	21	27	-	90	38	56	M8xP1.25
BT40-HSL06-120	1	6	21	27	-	120	38	85	M8xP1.25
BT40-HSL06-160	1	6	21	27	-	160	38	125	M8xP1.25
BT40-HSL06-200	1	6	21	27	-	200	38	163	M8xP1.25
BT40-HSL08-70	1	8	21	25.5	-	70	28	36	M10xP1.5
BT40-HSL08-90	1	8	21	27	-	90	36	56	M10xP1.5
BT40-HSL08-120	1	8	21	27	-	120	38	85	M10xP1.5
BT40-HSL08-160	1	8	21	27	-	160	38	125	M10xP1.5
BT40-HSL08-200	1	8	21	27	-	200	38	163	M10xP1.5
BT40-HSL10-70	1	10	24	30	-	70	30	36	M12xP1.75
BT40-HSL10-90	1	10	24	31	-	90	42	58	M12xP1.75
BT40-HSL10-120	1	10	24	32	-	120	42	85	M12xP1.75
BT40-HSL10-160	3	10	24	32	40	160	42	80	M12xP1.75
BT40-HSL10-200	1	10	24	32	-	200	51	163	M12xP1.75



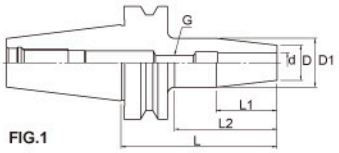


FIG.1

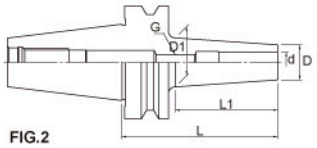


FIG.2

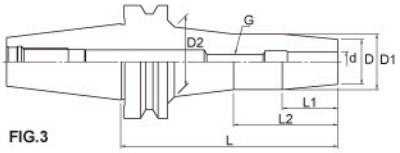


FIG.3

HSL 標準型燒結式刀桿 STANDARD SHRINK FIT CHUCK/HSL

MODEL NO.	Fig	d	D	D1	D2	L	L1	L2	G
BT40-HSL12-75	1	12	24	30	-	75	38	45	M10xP1.5
BT40-HSL12-75-T	1	12	24	32	-	75	36	44	-
BT40-HSL12-90	1	12	24	31.5	-	90	47	58	M10xP1.5
BT40-HSL12-90-T	1	12	24	32	-	90	50	59	-
BT40-HSL12-120	1	12	24	32	-	120	50	85	M10xP1.5
BT40-HSL12-160	3	12	24	32	40	160	42	80	M10xP1.5
BT40-HSL12-200	3	12	24	32	40	200	51	80	M10xP1.5
BT40-HSL14-90	1	14	27	34	-	90	45	58	M12xP1.75
BT40-HSL16-70	1	16	27	32	-	70	30	38	M12xP1.75
BT40-HSL16-90	1	16	27	34	-	90	44	58	M12xP1.75
BT40-HSL16-120	1	16	27	34	-	120	44	88	M12xP1.75
BT40-HSL16-160	1	16	27	34	-	160	44	128	M12xP1.75
BT40-HSL16-200	3	16	28	35	43	200	44.5	80	M12xP1.75
BT40-HSL20-75	1	20	33	38	-	75	32	44	M12xP1.75
BT40-HSL20-90	1	20	33	41	-	90	51	59	M12xP1.75
BT40-HSL20-120	1	20	34	42	-	120	51	89	M12xP1.75
BT40-HSL20-160	2	20	33	41	-	160	126	-	M12xP1.75
BT40-HSL20-200	1	20	34	42	-	200	51	169	M12xP1.75
BT40-HSL25-75	1	25	44	50	-	75	38	46	M16xP2.0
BT40-HSL25-90	1	25	44	52	-	90	50	61	M16xP2.0
BT40-HSL25-100	1	25	44	52.5	-	100	54	71	M16xP2.0
BT40-HSL25-160	1	25	44	52	-	160	80	-	M16xP2.0
BT40-HSL25-200	1	25	44	53	-	200	57	-	M16xP2.0
BT40-HSL32-75	1	32	44	50	-	75	38	46	M16xP2.0
BT40-HSL32-85	1	32	44	50	-	85	38	56	M16xP2.0
BT40-HSL32-100	1	32	44	53	-	100	57	71	M16xP2.0
BT50-HSL06-130	1	6	21	27	-	130	38	84	M8xP1.25
BT50-HSL06-160	1	6	21	27	-	160	38	114	M8xP1.25
BT50-HSL06-200	1	6	21	27	-	200	38	152	M8xP1.25
BT50-HSL08-130	1	8	21	27	-	130	38	84	M10xP1.5
BT50-HSL08-160	1	8	21	27	-	160	38	114	M10xP1.5
BT50-HSL08-200	1	8	21	27	-	200	38	152	M10xP1.5
BT50-HSL10-105	1	10	24	32	-	105	48	58	M12xP1.75
BT50-HSL10-130	1	10	24	32	-	130	48	84	M12xP1.75
BT50-HSL10-160	2	10	19	36		160	110	-	M12xP1.75
BT50-HSL12-105	1	12	24	31.5	-	105	48	58	M14xP1.5
BT50-HSL12-130	1	12	24	32	-	130	48	84	M14xP1.5
BT50-HSL12-160	2	12	22	39	-	160	110	-	M14xP1.5
BT50-HSL16-105	1	16	27	34	-	105	44	59	-
BT50-HSL16-130	1	16	27	34	-	130	43	84	-
BT50-HSL16-160	1	16	27	34	-	160	43	114	-
BT50-HSL20-105	1	20	33	41	-	105	51	60	-
BT50-HSL20-130	1	20	40	49	-	130	58	84	-
BT50-HSL20-160	1	20	40	49	-	160	58	114	
BT50-HSL25-130	1	25	44	53	-	130	58	86	-
BT50-HSL25-160	1	25	44	53	-	160	58	116	-
BT50-HSL32-100	1	32	44	51	-	100	44.5	57	M16xP2.0
BT50-HSL32-130	1	32	44	53	-	130	57	88	M16xP2.0

PS:HSL-T為通孔型設計



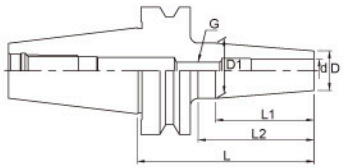


FIG.1

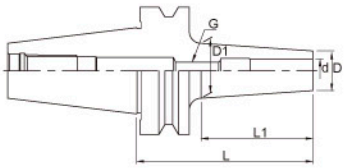


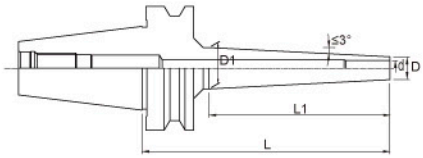
FIG.2

HSL-S 細型燒結式刀桿 SLIM SHRINK FIT CHUCK/HSL-S

MODEL NO.	Fig	d	D	D1	L	L1	L2	G
BT30-HSL06-60-S	1	6	16	20	60	27	33	M8xP1.25
BT30-HSL06-80-S	1	6	16	24	80	38	52	M8xP1.25
BT30-HSL08-80-S	1	8	16	24	80	38	52	M10xP1.5
BT30-HSL10-80-S	1	10	18	24	80	40	52	M8xP1.25
BT30-HSL12-80-S	1	12	20	28	80	40	54	M8xP1.25
BT40-HSL06-90-S	1	6	16	24	90	38	55	M8xP1.25
BT40-HSL06-90-MS	1	6	12	19	90	42	55	M8xP1.25
BT40-HSL06-120-S	1	6	14	24	120	50	85	M8xP1.25
BT40-HSL08-90-S	1	8	16	24	90	38	56	M10xP1.5
BT40-HSL08-90-MS	1	8	14	20	90	42	56	M10xP1.5
BT40-HSL08-120-S	1	8	16	24	120	50	85	M10xP1.5
BT40-HSL10-90-S	1	10	18	26	90	50	58	M12xP1.75
BT40-HSL10-160-S	2	10	24	32	160	126	-	-
BT40-HSL12-90-S	1	12	20	28	90	50	58	M10xP1.5
BT40-HSL12-90-T-S	2	12	20	28	90	57	-	-
BT40-HSL12-160-S	2	12	24	32	160	126	-	M10xP1.5
BT40-HSL14-160-S	2	14	27	35	160	126	-	M12xP1.75
BT40-HSL16-160-S	2	16	27	35	160	126	-	M12xP1.75

PS:HSL-T為通孔型設計





HSLT 燒結式刀桿 (≦3°) SHRINK FIT CHUCK(≦3°) /HSLT

MODEL NO.	d	D	D1	L	L1
BT40-HSLT04-100	4	10	17	100	65
BT40-HSLT06-100	6	12	19	100	65
BT40-HSLT08-130	8	12	21.5	130	95
BT40-HSLT10-130	10	15	24.5	130	95
BT40-HSLT12-130	12	22	31.5	130	95
BT40-HSLT14-130	14	24	33.5	130	95
BT40-HSLT16-130	16	26	35.5	130	95
BT50-HSLT12-200	12	22	37	200	150
BT50-HSLT16-200	16	26	41	200	150
BT50-HSLT20-200	20	30	43	200	150



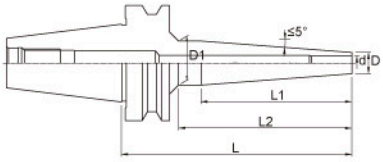


FIG.1

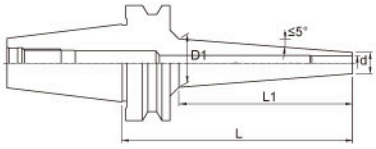
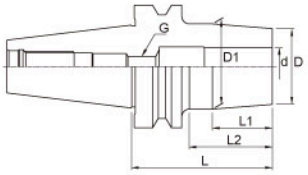


FIG.2

HSLP 燒結式刀桿 (≦5°) SHRINK FIT CHUCK (≦5°) /HSLP

MODEL NO.	Fig	d	D	D1	D2	L	L1	L2
BT40-HSLP04-130	2	4	7	22	-	130	97	-
BT40-HSLP06-130	2	6	9	24	-	130	95	-
BT40-HSLP08-130	2	8	12	27	-	130	98	-
BT40-HSLP10-130	2	10	15	30	-	130	98	-
BT40-HSLP12-130	2	12	22	37	-	130	95	-
BT40-HSLP16-130	2	16	26	41	-	130	100	-
BT40-HSLP4B-100	2	4	10	20	-	100	65	-
BT40-HSLP4B-130	2	4	10	25	-	130	97	-
BT40-HSLP6B-100	2	6	12	22	-	100	65	-
BT40-HSLP6B-130	2	6	12	26.5	-	130	95	-
BT40-HSLP10B-130	2	10	20	32	-	130	98	-
BT40-HSLP4S-130	2	4	7	16.5	-	130	95	-
BT40-HSLP6S-130	2	6	9	18.5	-	130	95	-
BT50-HSLP10-160	2	10	19	36	-	160	110	-
BT50-HSLP10-200	2	10	18	43	-	200	150	-
BT50-HSLP10-250	2	10	18	51	-	250	200	-
BT50-HSLP12-160	2	12	22	39	-	160	110	-
BT50-HSLP12-200	2	12	22	47	-	200	150	-
BT50-HSLP12-250	2	12	22	55	-	250	200	-
BT50-HSLP16-160	2	16	26	45	-	160	110	-
BT50-HSLP16-200	2	16	26	50	-	200	150	-
BT50-HSLP16-250	2	16	26	59	-	250	200	-
BT50-HSLP20-130	1	20	33	44	-	130	52	84
BT50-HSLP20-160	2	20	30	49	-	160	110	-
BT50-HSLP20-200	2	20	30	55	-	200	150	-
BT50-HSLP20-250	2	20	30	63.5	-	250	200	-
BT50-HSLP25-160	2	25	38	55	-	160	112	-
BT50-HSLP25-200	2	25	35	62	-	200	150	-
BT50-HSLP25-250	2	25	35	70	-	250	200	-
BT50-HSLP32-200	2	32	42	66	-	200	150	-
BT50-HSLPB32-160	2	32	44	62	-	160	111	-

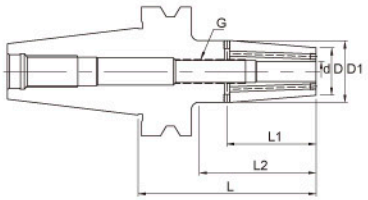




HSLB 加粗型燒結式刀桿 POWER SHRINK FIT CHUCK/HSLB

MODEL NO.	d	D	D1	L	L1	L2	G
BT40-HSLB08-120	8	24	32	120	51	85	M10xP1.5
BT40-HSLB10-90	10	25	34	90	44.5	57	M12xP1.75
BT40-HSLB10-120	10	25	34	120	44.5	87	M12xP1.75
BT40-HSLB12-75	12	30	36	75	25.4	45	M10xP1.5
BT40-HSLB12-90	12	30	38	90	38	59	M10xP1.5
BT40-HSLB12-120	12	30	38	120	38	87	M10xP1.5
BT40-HSLB12-160	12	28	40	160	51	128	M10xP1.5
BT40-HSLB14-75	14	30	38	75	38	45	M10xP1.5
BT40-HSLB14-90	14	30	38	90	38	59	M10xP1.5
BT40-HSLB16-75	16	31	38	75	32	43	M12xP1.75
BT40-HSLB16-90	16	31	40	90	44.5	58	M12xP1.75
BT40-HSLB16-160	16	30	42	160	51	129	M12xP1.75
BT40-HSLB16-200	16	30	42	200	51	169	M12xP1.75
BT40-HSLB20-75	20	38	45	75	32	44	M12xP1.75
BT40-HSLB20-90	20	38	46	90	38	60	M12xP1.75
BT40-HSLB20-120	20	38	46	120	38	90	M12xP1.75
BT40-HSLB20-160	20	38	50	160	51	131	M12xP1.75
BT40-HSLB20-200	20	38	50	200	51	171	M12xP1.75
BT50-HSLB10-105	10	27	34	105	44.5	59	M12xP1.75
BT50-HSLB12-105	12	32	38	105	38	59	M14xP1.5
BT50-HSLB16-105	16	33	40	105	44.5	59	-
BT50-HSLB20-105	20	40	46	105	38	60	-





HSL-O 鼻端出水型燒結式刀桿 COOLANT TYPE SHRINK FIT CHUCK/HSL-O

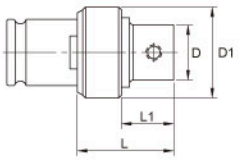
MODEL NO.	d	D	D1	L	L1	L2	G
BT30-HSL08-80-O	8	21	27	80	36	53	M10xP1.5
BT30-HSL10-80-O	10	24	31	80	42	55	M8xP1.25
BT40-HSL06-90-O	6	21	26.5	90	35	57	M8xP1.25
BT40-HSL06-120-O	6	21	26	120	32	85	M8xP1.25
BT40-HSL08-90-O	8	21	27	90	36	57	M10xP1.5
BT40-HSL08-120-O	8	21	26	120	32	85	M10xP1.5
BT40-HSL10-90-O	10	24	31	90	42	59	M12xP1.75
BT40-HSL10-120-O	10	24	30	120	38	85	M12xP1.75
BT40-HSL12-90-O	12	24	31.5	90	48	59	M10xP1.5
BT40-HSL12-120-O	12	24	32	120	51	85	M10xP1.5
BT40-HSL16-90-O	16	28	35	90	44.5	60	M12xP1.75
BT40-HSL16-120-O	16	28	35	120	44.5	88	M12xP1.75
BT40-HSL20-90-O	20	33	41	90	51	60	M12xP1.75
BT40-HSL20-120-O	20	33	41	120	51	59	M12xP1.75
BT40-HSL25-100-O	25	44	52.5	100	54	71	M16xP2.0



TPA 伸縮扭力攻牙器 TENSION & COMPRESSION TAP HOLDER/TPA

MODEL NO.	Tapping Range	D	L	F1	F2	Collet Type
BT40-TPA316	M3-M16	53	140	10	20	TPA316
BT40-TPA830	M8-M30	68	200	10	25	TPA830
BT50-TPA316-150	M3-M16	53	150	10	20	TPA316
BT50-TPA316-200	M3-M16	53	200	10	20	
BT50-TPA316-250	M3-M16	53	250	10	20	
BT50-TPA316-300	M3-M16	53	300	10	20	
BT50-TPA316-350	M3-M16	55	350	10	20	
BT50-TPA316-400	M3-M16	55	400	10	20	
BT50-TPA830	M8-M30	68	200	10	25	TPA830
BT50-TPA830加長型	M8-M30	73	225	10	75	
BT50-TPA830-300	M8-M30	73	300	10	75	
BT50-TPA2042	M20-M48	85	230	-	10	TPA2042

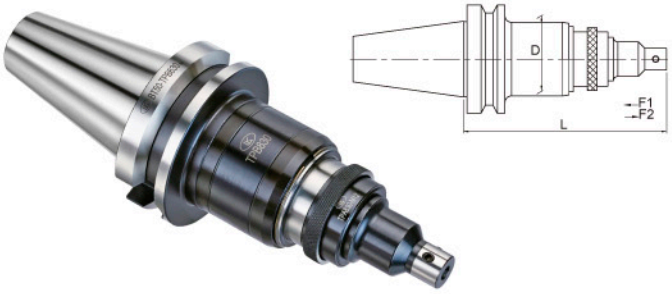




TPA 扭力攻牙筒夾 COLLET/TPA

MODEL NO.	Tap Diameter	D	D1	L	L1
TPA316 筒夾	M2、M3(W1/8)、M4、M5(W3/16)、M6(W1/4)、M8、M10(W3/8)、M12、M14、M16、W5/16、W7/16(PT1/8)、W1/2、W5/8、PT1/4	13-25	34	43	27
TPA830 筒夾	M6、M8、M10(W3/8)、M12、M14、M16、M18(W3/4、PT3/8)、M20、M22(W7/8)、M24、M27(W1、PT5/8)、M30(PT3/4)、M32、M32、W5/16、W7/16(PT1/8)、W1/2、W5/8、W1-1/8、PT1/2、PT1/4	18-36	51	70	53
TPA2042 筒夾	M20、M22、M24、M27、M28、M30、M32、M33、M35(M34)、M36(M38)、M40(M39)、M42、M45、M48、PT3/4、PT1、PT1-1/8、PT1-1/4	32-50	70	86	65

PS：(1)TPA316、TPA830 筒夾，L另有加長50及100。
(2)D部尺寸，隨著絲攻柄徑尺寸而增加。
(3)詳細絲攻規格，請查閱目錄末頁。



TPA-ES/TPB 扭力攻牙器 TAP HOLDER/ TPA-ES & TPB

MODEL NO.	Tapping Range	D	L	F1	F2	Collet Type
BT30-TPA316-ES	M3-M16	53	100	0.5	0	TPA316
BT40-TPA830-ES	M8-M30	63	145	1	0	TPA830
BT50-TPA830-ES	M8-M30	63	150	1	0	
BT50-TPB830	M8-M30	68	190	10	13	



ER伸縮攻牙器 RIGID TAP HOLDER/TER

MODEL NO.	Tapping Range	L	D	F1	F2
BT30-TER16-75	M3-M12	75	28	4	8
BT30-TER20-100	M4-M16	100	34	4	8
BT30-TER32-120	M8-M27	120	50	4	10
BT40-TER16-75	M3-M12	75	28	4	8
BT40-TER16-100	M3-M12	100	28	4	8
BT40-TER20-80	M4-M16	80	34	4	8
BT40-TER20-100	M4-M16	100	34	4	8
BT40-TER20-150	M4-M16	150	34	4	8
BT40-TER25-100	M3-M20	100	42	4	8
BT40-TER32-100	M8-M27	100	50	4	10
BT40-TER32-125	M8-M27	125	50	4	10
BT40-TER32-150	M8-M27	150	50	4	10
BT50-TER16-100	M3-M12	100	28	4	8
BT50-TER16-125	M3-M12	125	28	4	8
BT50-TER16-150	M3-M12	150	28	4	8
BT50-TER20-120	M4-M16	120	34	4	8
BT50-TER20-150	M4-M16	150	34	4	8
BT50-TER25-100	M3-M20	100	42	4	8
BT50-TER25-125	M3-M20	125	42	4	8
BT50-TER25-150	M3-M20	150	42	4	8
BT50-TER32-100	M8-M27	100	50	4	10
BT50-TER32-150	M8-M27	150	50	4	10
BT50-TER40-120	M10-M32	120	63	4	10


P26-ER Collet



DT33, 52攻牙器 DT33, 52 DRILL TAPER CHUCK

MODEL NO.	Tapping Range	D	L
BT50-DT33-195	M6-M33	90	195
BT50-DT52-225	M20-M52	115	225



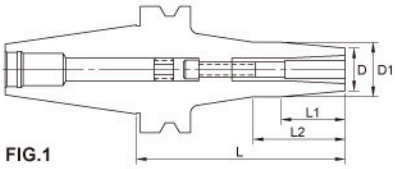


FIG.1

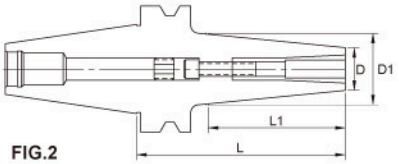


FIG.2

LB 後拉式高精度銑刀夾頭 COLLET CHUCK/LB

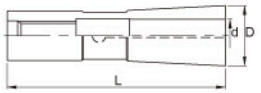
MODEL NO.	Clamping Range	Fig	L	L1	L2	D	D1	Collet
BT30-LB06-60	2.6-6	2	60	30	-	14	17	
BT30-LB06-70	2.6-6	2	70	35	-	14	17	
BT30-LB06-70-H	2.6-6	2	70	35	-	16	19	
BT30-LB06-90	2.6-6	1	90	40	50	14	20	
BT30-LB06-100	2.6-6	1	100	40	50	14	20	LB06
BT30-LB06-125	2.6-6	1	125	40	50	14	20	
BT30-LB06-150	2.6-6	1	150	40	50	14	20	
BT30-LB06-150H	2.6-6	2	150	122	-	14	31	
BT30-LB06-200	2.6-6	1	200	40	50	14	20	
BT30-LB08-70	2.5-8	2	70	35	-	19	21	
BT30-LB08-90	2.5-8	1	90	30	38	19	24	LB08
BT30-LB08-100	2.5-8	1	100	30	38	19	24	
BT30-LB10-70	3-10	1	70	24	43	24	30	LB10
BT30-LB10-100	3-10	2	100	45	-	24	32	
BT30-LB12-75	3-12.5	1	75	52	-	34	40	LB12
BT30-LB12-100	3-12.5	1	100	48	-	34	40	
BT30-LB06-70-LH	2.6-6	2	70	35	-	14	17	LB06-LH
BT40-LB04-90	3-4	2	90	46	-	10	18	LB04
BT40-LB04-100	3-4	2	100	40	-	10	18	
BT40-LB06-70	2.6-6	2	70	35	-	14	19	
BT40-LB06-100	2.6-6	1	100	35	45	14	20	
BT40-LB06-100-ES	2.6-6	1	100	37	45	14	19.5	LB06
BT40-LB06-125	2.6-6	1	125	48	65	14	22	
BT40-LB06-125-ES	2.6-6	1	125	50	65	14	21.5	
BT40-LB06-150	2.6-6	2	150	115	-	14	30	
BT40-LB08-100	2.5-8	1	100	30	38	19	24	
BT40-LB08-125	2.5-8	1	125	47	55	19	24	LB08
BT40-LB08-150	2.5-8	2	150	115	-	19	35	
BT40-LB10-75	3-10	1	75	-	38	28	-	LB10
BT40-LB10-100	3-10	1	100	36	63	24	30	
BT40-LB12-75	3-12.5	2	75	40	-	34	-	
BT40-LB12-100	3-12.5	2	100	67	-	34	40	LB12
BT40-LB12-125	3-12.5	2	125	94	-	34	42	
BT40-LB12-150	3-12.5	2	150	119	-	34	42	

MODEL NO.	Clamping Range	Fig	L	L1	L2	D	D1	Collet
BT50-LB10-100	3-10	1	100	32	50	25	30	
BT50-LB10-160	3-10	2	160	111	-	24	42.5	LB10
BT50-LB10-200	3-10	2	200	150	-	24	49	
BT50-LB12-100	3-12.5	2	100	57	-	34	40	
BT50-LB12-125	3-12.5	2	125	84	-	34	42	LB12
BT50-LB12-150	3-12.5	2	150	109	-	34	42	
BT40-LB06-70-LH	3-6	2	70	30	-	14	19	
BT40-LB06-100-LH	3-6	1	100	35	43	14	20	
BT40-LB06-100-LHM	3-6	1	100	38	45	14	20	
BT40-LB06-100-LHS	3-6	1	100	56	61	14	19.5	LB06-LH
BT40-LB06-125-LH	3-6	1	125	47	55	14	22	
BT40-LB06-125-LHM	3-6	1	125	50	70	14	22	
BT40-LB06-125-LHS	3-6	1	125	56	65	14	19.5	
BT40-LB06-150-LH	3-6	2	150	115	-	14	30	
BT50-LB06-120-LH	3-6	2	120	62	50	14	20	
BT50-LB06-135-LH	3-6	2	135	82	-	14	21.5	LB06-LH
BT50-LB06-165-LH	3-6	2	165	100	-	14	23	
BT50-LB06-200-LH	3-6	2	200	110	-	14	25	

註：若需搭配WLB止水筒夾使用，訂購刀桿前請先告知


P21-LB Collet



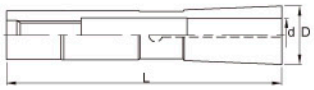


LB 後拉式筒夾 COLLET/LB

MODEL NO.	整數 d	D	L
LB04	3、4	7	38
LB06	3、4、5、6	10	38
LB08	3、4、5、6、7、8	13	43
LB10	3、4、6、8、10	16	50
LB12	3、4、5、6、7、8、9、10、11、12	22	64

MODEL NO.	小數 d	D	L
LB04	3.18	7	38
LB06	2.6、3.2、3.3、3.4、3.5、4.3、4.5、5.2、5.5	10	38
LB08	2.5、2.6、3.18、3.2、3.3、3.4、4.3、4.5、5.2、5.5、6.2、6.8	13	48
LB12	3.18、4.2、5.5、6.2、8.5、10.5、12.5	22	43





LB06-LH 後拉式加長型筒夾 COLLET/LB6-LH

MODEL NO.	d	D	L
LB06-LH	3、4、5、6 3.2、3.3、4.2、4.3、4.5	10	48





LB06-LH-H 後拉式超長型筒夾 COLLET/LB6-LH-H

MODEL NO.	d	D	D1	L
LB06-4H-LH	4	7.5	10	52
LB06-6H-LH	6	9	10	53

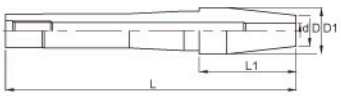




WLB 後拉式止水筒夾 COOLANT COLLET/WLB

MODEL NO.	d	D	L
WLB10	4、6、8、10	13	43
WLB12	4、6、8、10、12	22	64

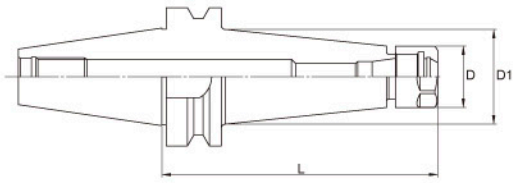




LB06-LH 後拉式燒結接桿 SHRINK FIT ADAPTER/LB6-LH-HSL

MODEL NO.	d	D	D1	L	L1
LB06-LH-HSL04-18	4	8	10	64	18
LB06-LH-HSL04-28	4	8	12	75	28
LB06-LH-HSL06-15	6	9	10	62	15
LB06-LH-HSL06-23	6	10	12	70	20



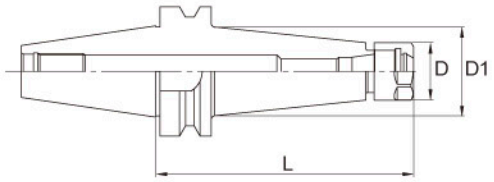


ER 銑刀夾頭 SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	L	D	D1
BT30-ER11-60	0.5-7	60	19	-
BT30-ER11-70	0.5-7	70	19	-
BT30-ER11-100	0.5-7	100	19	-
BT30-ER16-45	0.5-10	45	28	-
BT30-ER16-60	0.5-10	60	28	-
BT30-ER16-70	0.5-10	70	28	-
BT30-ER16-80	0.5-10	80	28	-
BT30-ER16-100	0.5-10	100	28	-
BT30-ER16-120	0.5-10	120	28	-
BT30-ER16-135	0.5-10	135	28	-
BT30-ER20-45	1-13	45	34	-
BT30-ER20-60	1-13	60	34	-
BT30-ER20-70	1-13	70	34	-
BT30-ER20-80	1-13	80	34	-
BT30-ER20-100	1-13	100	34	-
BT30-ER20-120	1-13	120	34	-
BT30-ER20-135	1-13	135	34	-
BT30-ER25-60	1-16	60	42	-
BT30-ER25-70	1-16	70	42	-
BT30-ER25-80	1-16	80	42	-
BT30-ER25-100	1-16	100	42	-
BT30-ER32-60	2-20	60	50	-
BT30-ER32-70	2-20	70	50	-
BT30-ER32-80	2-20	80	50	-
BT30-ER32-100	2-20	100	50	-
BT30-ER40-70	3-26	70	63	-
BT40-ER11-70	0.5-7	70	19	-
BT40-ER11-100	0.5-7	100	19	-
BT40-ER11-125	0.5-7	125	19	-
BT40-ER16-50	0.5-10	50	28	-
BT40-ER16-70	0.5-10	70	28	-
BT40-ER16-80	0.5-10	80	28	-
BT40-ER16-100	0.5-10	100	28	-
BT40-ER16-125	0.5-10	125	28	-
BT40-ER16-150	0.5-10	150	28	32
BT40-ER16-200	0.5-10	200	28	34
BT40-ER16-250	0.5-10	250	28	-

MODEL NO.	Clamping Range	L	D	D1
BT40-ER20-50	1-13	50	34	-
BT40-ER20-70	1-13	70	34	-
BT40-ER20-80	1-13	80	34	-
BT40-ER20-90	1-13	90	34	-
BT40-ER20-100	1-13	100	34	-
BT40-ER20-100-S	1-13	100	30	-
BT40-ER20-125	1-13	125	34	-
BT40-ER20-150	1-13	150	34	40
BT40-ER20-200	1-13	200	34	42
BT40-ER20-250	1-13	250	34	-
BT40-ER25-50	1-16	50	42	-
BT40-ER25-70	1-16	70	42	-
BT40-ER25-100	1-16	100	42	-
BT40-ER25-125	1-16	125	42	45
BT40-ER25-150	1-16	150	42	45
BT40-ER25-200	1-16	200	42	50
BT40-ER32-50	2-10	50	50	-
BT40-ER32-70	2-20	70	50	-
BT40-ER32-80	2-20	80	50	-
BT40-ER32-100	2-20	100	50	-
BT40-ER32-125	2-20	125	50	-
BT40-ER32-150	2-20	150	50	54
BT40-ER32-200	2-20	200	50	54
BT40-ER40-80	3-26	80	63	-
BT40-ER40-100	3-26	100	63	-
BT40-ER40-125	3-26	125	63	-
BT40-ER40-150	3-26	150	63	-
BT40-ER40-200	3-26	200	63	-
BT50-ER16-100	0.5-10	100	28	-
BT50-ER16-125	0.5-10	125	28	-
BT50-ER16-150	0.5-10	150	28	-
BT50-ER16-150-T	0.5-10	150	28	32
BT50-ER16-200	0.5-10	200	28	-
BT50-ER16-200-T	0.5-10	200	28	36
BT50-ER16-250	0.5-10	250	28	-
BT50-ER16-250-T	0.5-10	250	28	36
BT50-ER16-300	0.5-10	300	34	-
BT50-ER16-300-T	0.5-10	300	28	36





ER 銑刀夾頭 SPRING COLLET CHUCK/ER

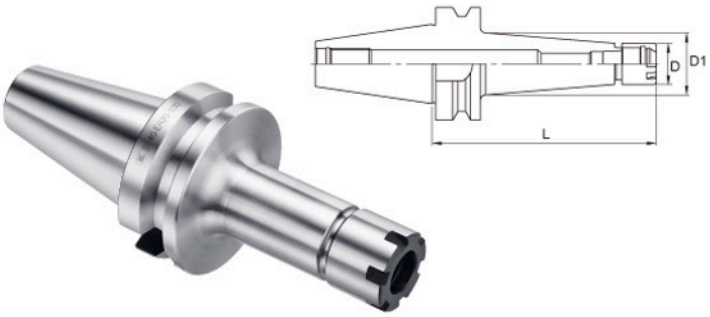
MODEL NO.	Clamping Range	L	D	D1
BT50-ER20-80	1-13	80	34	-
BT50-ER20-100	1-13	100	34	-
BT50-ER20-125	1-13	125	34	-
BT50-ER20-150	1-13	150	34	-
BT50-ER20-150-T	1-13	150	34	40
BT50-ER20-200	1-13	200	34	-
BT50-ER20-200-T	1-13	200	34	42
BT50-ER20-250	1-13	250	34	-
BT50-ER20-250-T	1-13	250	35	48
BT50-ER20-300	1-13	300	34	-
BT50-ER20-300-T	1-13	300	35	48
BT50-ER20-350	1-13	350	34	-
BT50-ER20-350-T	1-13	350	34	48
BT50-ER20-400	1-13	400	35	-
BT50-ER20-450	1-13	450	35	-
BT50-ER20-500	1-13	500	35	-
BT50-ER25-45	1-16	45	42	-
BT50-ER25-65	1-16	65	42	-
BT50-ER25-100	1-16	100	42	-
BT50-ER25-125	1-16	125	42	-
BT50-ER25-150	1-16	150	42	-
BT50-ER25-200	1-16	200	42	-
BT50-ER25-200-T	1-16	200	42	46
BT50-ER25-250	1-16	250	42	46
BT50-ER25-300	1-16	300	42	50
BT50-ER25-350	1-16	350	42	55
BT50-ER25-400	1-16	400	43	-
BT50-ER25-450	1-16	450	43	-
BT50-ER25-500	1-16	500	43	-
BT50-ER32-65	2-22	65	63	-
BT50-ER32-80	2-20	80	50	-
BT50-ER32-100	2-20	100	50	-
BT50-ER32-125	2-20	125	50	-
BT50-ER32-150	2-20	150	50	-
BT50-ER32-175	2-20	175	50	-
BT50-ER32-200	2-20	200	50	-
BT50-ER32-200-T	2-20	200	50	55

MODEL NO.	Clamping Range	L	D	D1
BT50-ER32-250	2-20	250	50	58
BT50-ER32-300	2-20	300	50	58
BT50-ER32-350	2-20	350	50	60
BT50-ER32-400	2-20	400	53	58
BT50-ER32-450	2-22	450	53	58
BT50-ER32-500	2-22	500	53	59
BT50-ER40-80	3-26	80	63	-
BT50-ER40-100	3-26	100	63	-
BT50-ER40-125	3-26	125	63	-
BT50-ER40-150	3-26	150	63	-
BT50-ER40-200	3-26	200	63	-
BT50-ER40-250	3-26	250	63	-
BT50-ER40-300	3-26	300	63	-
BT50-ER40-350	3-26	350	63	-
BT50-ER40-400	3-26	400	63	-


P25-ER Wrench

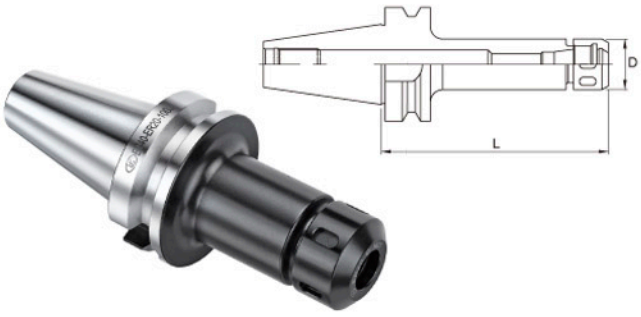

P25-ER Nut


P26-ER Collet



ER-M 銑刀夾頭 SPRING COLLET CHUCK/ER-M

MODEL NO.	Clamping Range	L	D	D1
BT30-ER11-60-M	0.5-7	60	16	-
BT30-ER11-70-M	0.5-7	70	16	-
BT30-ER11-100-HM	0.5-7	100	17	-
BT30-ER11-125-M	0.5-7	125	16	23
BT30-ER11-150-M	0.5-7	150	16	23
BT30-ER16-60-M	0.5-10	60	23	-
BT30-ER16-70-M	0.5-10	70	23	-
BT30-ER16-80-M	0.5-10	80	23	-
BT30-ER16-100-HM	0.5-10	100	23	-
BT30-ER16-120-HM	0.5-10	120	23	-
BT30-ER16-135-HM	0.5-10	135	23	-
BT30-ER20-60-M	1-13	60	29	-
BT30-ER20-70-M	1-13	70	29	-
BT30-ER20-80-M	1-13	80	29	-
BT30-ER20-100-M	1-13	100	29	32
BT30-ER20-120-M	1-13	120	29	-
BT30-ER20-135-M	1-13	135	29	-
BT40-ER11-70-HM	0.5-7	70	17	-
BT40-ER11-100-HM	0.5-7	100	17	-
BT40-ER11-100-HM-T	0.5-7	100	17	21
BT40-ER11-125-M	0.5-7	125	16	21
BT40-ER11-125-HM	0.5-7	125	17	-
BT40-ER11-125-HM-T	0.5-7	125	17	21
BT40-ER11-150-M	0.5-7	150	16	24
BT40-ER11-150-HM	0.5-7	150	17	-
BT40-ER11-150-HM-T	0.5-7	150	17	24
BT40-ER16-70-M	0.5-10	70	23	-
BT40-ER16-100-HM	0.5-10	100	23	-
BT40-ER16-125-HM	0.5-10	125	23	-
BT40-ER16-125-HM-T	0.5-10	125	23	25
BT40-ER16-150-HM	0.5-10	150	23	-
BT40-ER16-150-HM-T	0.5-10	150	23	28
BT40-ER16-200-HM	0.5-10	200	23	-
BT40-ER16-250-HM	0.5-10	250	23	-
BT40-ER20-70-M	1-13	70	29	-
BT40-ER20-100-M	1-13	100	29	-
BT40-ER20-125-M	1-13	125	29	35
BT40-ER20-150-M	1-13	150	29	35
BT40-ER20-200-M	1-13	200	29	-
BT40-ER20-250-M	1-13	250	29	-
BT50-ER16-150-HM	0.5-10	150	23	28
BT50-ER16-200-HM	0.5-10	200	23	28
BT50-ER20-100-M	1-13	100	29	-
BT50-ER20-125-M	1-13	125	29	-
BT50-ER20-150-M	1-13	150	29	-
BT50-ER20-200-M	1-13	200	28	32



ER20-M27 銑刀夾頭 SPRING COLLET CHUCK/ER20-M27

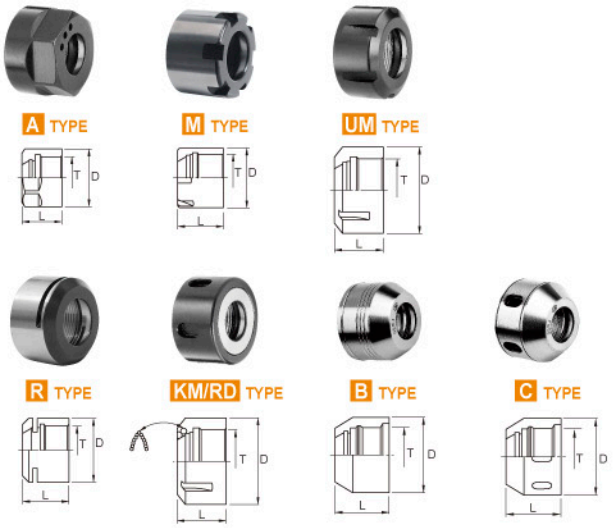
MODEL NO.	Clamping Range	L	D
BT30-ER20-60-M27	1-13	60	37
BT30-ER20-80-M27	1-13	80	37
BT30-ER20-100-M27	1-13	100	37
BT40-ER20-70-M27	1-13	70	37
BT40-ER20-100-M27	1-13	100	37
BT50-ER20-100-M27	1-13	100	37
BT50-ER20-150-M27	1-13	150	37

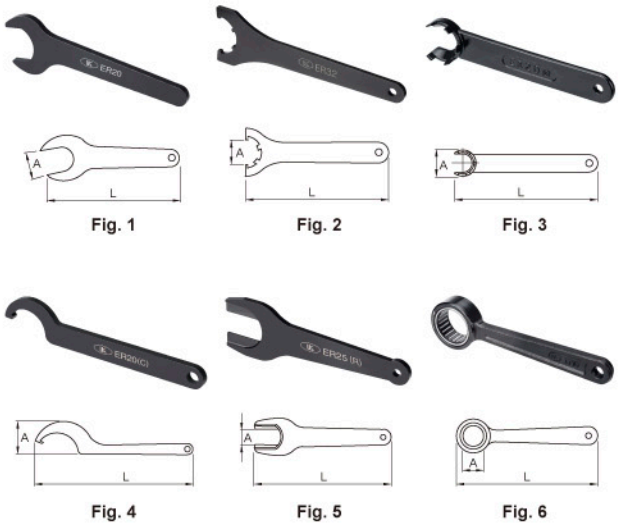
註：ER20-M27牙為M27xP1.5



SCA 側銑刀架 SIDE CUTTER HOLDER/SCA

MODEL NO.	D	D1	L	L1	L2	W	G
BT40-SCA22-75	22	34	75	26	25	6	M22xP1.5
BT40-SCA25.4-60	25.4	40	60	26	25	6.35	1"x W16
BT40-SCA25.4-75	25.4	40	75	26	25	6.35	1"x W16
BT40-SCA25.4-90	25.4	40	90	26	25	6.35	1"x W16
BT40-SCA25.4-120	25.4	40	120	26	25	6.35	1"x W16
BT40-SCA25.4-150	25.4	40	150	26	25	6.35	1"x W16
BT40-SCA25.4-180	25.4	40	180	26	25	6.35	1"x W16
BT50-SCA25.4-90	25.4	40	90	26	25	6.35	1"x W16
BT50-SCA25.4-135	25.4	40	135	26	25	6.35	1"x W16
BT50-SCA25.4-150	25.4	40	150	26	25	6.35	1"x W16
BT50-SCA25.4-180	25.4	40	180	26	25	6.35	1"x W16





ER 螺帽 CLAMPING NUT/ER

TYPE	MODEL NO.	D	L	T
A	ER11-A	19	14	M14xP0.75
	ER16-A-M19	28	20	M19xP1.0
	ER16-A-M22	28	20	M22xP1.5
	ER20-A-M24	34	22	M24xP1.0
	ER20-A-M25	34	22	M25xP1.5
	ER20-A-M26	34	22	M26xP1.5
M	ER11-M	16	13	M13xP0.75
	ER16-M	22	18	M19xP1.0
	ER20-M	28	20	M24xP1.0
	ER11-HM	17	13	M14xP0.75
	ER16-HM	23	18	M20xP1.0
UM	ER25-UM	42	24	M32xP1.5
	ER32-UM	50	25	M40xP1.5
	ER40-UM	63	31	M50xP1.5
R	ER11-R	18	13	M14xP0.75
	ER16-R	22	17	M19xP1.0
	ER20-R	30	20	M25xP1.5
	ER25-R	40	24	M32xP1.5
	ER16-HR	23	17	M20xP1.0
	ER20-SR	31	22	M25xP1.25
KM/RD	ER20-KM	36	20	M26xP1.5
	ER32-KM	50	27	M40xP1.5
B	ER16-B	25	19	M20xP1.0
	ER20-B	30	21	M25xP1.25
	ER25-B	40	24	M32xP1.5
C	ER20-C	37	22	M27xP1.5

LR 螺帽 CLAMPING NUT/LR

TYPE	MODEL NO.	D	L	T
B	LR16-B	30	22	M23xP1.25
	LR16-S-B	25	22	M21xP1.0
	LR20-B	35	25	M27xP1.25
	LR25-B	40	28	M32xP1.5
C	LR20-C	37	25	M27xP1.25
	LR25-C	42	29	M32xP1.5
	LR25-F-C	45	30	M34xP1.25
	LR32-C	50	30	M40xP1.5
	LR40-C	63	34	M52xP1.5

ER 扳手 WRENCH/ER

TYPE	MODEL NO.	Fig	L	A
A	ER16	1	170	25
	ER20	1	170	30
UM	ER25	2	210	37
	ER32	2	250	46.5
	ER40	2	285	58
M	ER11	3	110	15
	ER16	3	115	22
	ER20	3	130	28
C	ER20	4	190	34
R	ER11	5	105	26
	ER16	5	140	15.2
	ER20	5	155	19
	ER25	5	185	22

LR 扳手 WRENCH/LR

TYPE	MODEL NO.	Fig	L	A
B	LR16	6	180	30
	LR20	6	200	35
	LR25	6	200	40
C	LR20	4	200	37
	LR25	4	220	42
	LR32	4	235	50
	LR40	4	260	53



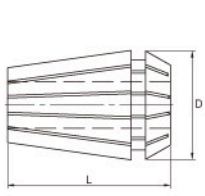


Fig.1

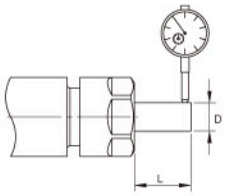


Fig.2

ER 筒夾 SPRING COLLET/ER

ER11	
MODEL NO.	Range
ER11-01	1.0-0.5
ER11-02	2.0-1.5
ER11-03	3.0-2.5
ER11-04	4.0-3.5
ER11-05	5.0-4.5
ER11-06	6.0-5.5
ER11-07	7.0-6.5
ER11-1.5	1.5-1.0
ER11-2.5	2.5-2.0
ER11-3.2	3.2-2.7
ER11-3.5	3.5-3.0
ER11-4.3	4.3-3.8
ER11-4.5	4.5-4.0
ER11-5.2	5.2-4.7
ER11-5.5	5.5-5.0
ER11-6.2	6.2-5.7
ER11-6.5	6.5-6.0

ER16	
MODEL NO.	Range
ER16-01	1.0-0.5
ER16-02	2-1
ER16-03	3-2
ER16-04	4-3
ER16-05	5-4
ER16-06	6-5
ER16-07	7-6
ER16-08	8-7
ER16-09	9-8
ER16-10	10-9
ER16-1.5	1.5-1.0
ER16-2.5	2.5-2.0
ER16-3.5	3.5-3.0
ER16-4.5	4.5-4.0
ER16-5.5	5.5-5.0
ER16-6.5	6.5-6.0
ER16-7.5	7.5-7.0
ER16-8.5	8.5-8.0
ER16-9.5	9.5-9.0

NO.	ER11	ER16	ER20	ER25	ER32	ER40
Fig	1	1	1	1	1	1
D	11.5	17	21	26	33	41
L	18	27	31	35	40	46

Fig	D	L	Concentricity 同心度		
			一般級	G 級	GS 級
2	1.5-2.9	10	0.015	-	-
2	3.0-5.9	16	0.015	0.005	0.003
2	6.0-9.9	25	0.015	0.005	0.003
2	10.0-17.9	40	0.02	0.006	0.003
2	18.0-26.9	50	0.02	0.008	-
2	27.0-34.9	60	0.02	0.01	-

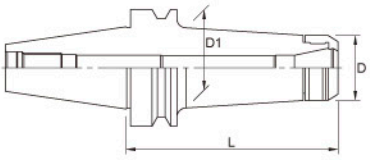
ER20	
MODEL NO.	Range
ER20-02	2-1
ER20-03	3-2
ER20-04	4-3
ER20-05	5-4
ER20-06	6-5
ER20-07	7-6
ER20-08	8-7
ER20-09	9-8
ER20-10	10-9
ER20-11	11-10
ER20-12	12-11
ER20-13	13-12
ER20-1.5	1.5-1.0
ER20-2.5	2.5-2.0
ER20-3.2	3.2-2.7
ER20-3.3	3.3-2.8
ER20-3.4	3.4-2.9
ER20-3.5	3.5-3.0
ER20-4.2	4.2-3.7
ER20-4.5	4.5-4.0
ER20-5.5	5.5-5.0
ER20-6.2	6.2-5.7
ER20-6.35	6.35-6
ER20-6.5	6.5-6.0
ER20-6.8	6.8-6.3
ER20-7.5	7.5-7.0
ER20-8.5	8.5-8.0
ER20-9.5	9.5-9.0
ER20-10.3	10.3-9.8
ER20-10.5	10.5-10.0
ER20-11.5	11.5-11.0
ER20-12.5	12.5-12.0

ER25	
MODEL NO.	Range
ER25-02	2-1
ER25-03	3-2
ER25-04	4-3
ER25-05	5-4
ER25-06	6-5
ER25-07	7-6
ER25-08	8-7
ER25-09	9-8
ER25-10	10-9
ER25-11	11-10
ER25-12	12-11
ER25-13	13-12
ER25-14	14-13
ER25-15	15-14
ER25-16	16-15
ER25-3.2	3.2-2.7
ER25-3.4	3.4-2.9
ER25-3.5	3.5-3.0
ER25-4.5	4.5-4.0
ER25-5.5	5.5-5.0
ER25-6.2	6.2-5.7
ER25-6.35	6.35-6.0
ER25-6.5	6.5-6.0
ER25-6.8	6.8-6.3
ER25-7.5	7.5-7.0
ER25-8.5	8.5-8.0
ER25-9.525	9.525-9.0
ER25-10.3	10.3-9.8
ER25-10.5	10.5-10
ER25-11.5	11.5-11
ER25-12.5	12.5-12
ER25-12.7	12.7-12.2
ER25-13.5	13.5-13
ER25-14.5	14.5-14
ER25-15.5	15.5-15

ER32	
MODEL NO.	Range
ER32-03	3-2
ER32-04	4-3
ER32-05	5-4
ER32-06	6-5
ER32-07	7-6
ER32-08	8-7
ER32-09	9-8
ER32-10	10-9
ER32-11	11-10
ER32-12	12-11
ER32-13	13-12
ER32-14	14-13
ER32-15	15-14
ER32-16	16-15
ER32-17	17-16
ER32-18	18-17
ER32-19	19-18
ER32-20	20-19
ER32-21	21-20
ER32-22	22-21
ER32-3.5	3.5-3.0
ER32-4.5	4.5-4.0
ER32-5.5	5.5-5.0
ER32-6.5	6.5-6.0
ER32-7.5	7.5-7.0
ER32-8.5	8.5-8.0
ER32-9.5	9.5-9.0
ER32-10.5	10.5-10
ER32-11.5	11.5-11.0
ER32-12.5	12.5-12.0
ER32-16.5	16.5-16.0

ER40	
MODEL NO.	Range
ER40-03	3-2
ER40-04	4-3
ER40-05	5-4
ER40-06	6-5
ER40-07	7-6
ER40-08	8-7
ER40-09	9-8
ER40-10	10-9
ER40-11	11-10
ER40-12	12-11
ER40-13	13-12
ER40-14	14-13
ER40-15	15-14
ER40-16	16-15
ER40-17	17-16
ER40-18	18-17
ER40-19	19-18
ER40-20	20-19
ER40-21	21-20
ER40-22	22-21
ER40-23	23-22
ER40-24	24-23
ER40-25	25-24
ER40-26	26-25





LR 整數柄ER銑刀夾頭

MODEL NO.	Clamping Range	L	D	D1	Collet
BT30-LR16-70	1-10	70	30	-	ER16
BT30-LR16-80	1-10	80	30	-	ER16
BT30-LR16-100	1-10	100	30	-	ER16
BT30-LR20-70	2-13	70	35	-	ER20
BT30-LR20-80	2-13	80	35	-	ER20
BT30-LR20-100	2-13	100	35	-	ER20
BT30-LR25-70	2-16	70	42	-	ER25
BT30-LR25-100	2-16	100	42	-	ER25
BT30-LR32-60	3-20	60	50	-	ER32
BT30-LR32-100	3-20	100	50	-	ER32
BT40-LR16-70	1-10	70	30	-	ER16
BT40-LR16-100	1-10	100	30	-	ER16
BT40-LR16-150	1-10	150	30	-	ER16
BT40-LR16-150-S	1-10	150	25	-	ER16
BT40-LR16-200	1-10	200	30	-	ER16
BT40-LR16-200-S	1-10	200	25	-	ER16
BT40-LR20-70	2-13	70	35	-	ER20
BT40-LR20-100	2-13	100	35	-	ER20
BT40-LR20-100-S	2-13	100	30	-	ER20
BT40-LR20-125	2-13	125	35	-	ER20
BT40-LR20-150	2-13	150	35	-	ER20
BT40-LR20-200	2-13	200	35	-	ER20
BT40-LR20-250	2-13	250	35	-	ER20
BT40-LR25-70-H	2-16	70	45	-	ER25
BT40-LR25-100	2-16	100	42	-	ER25
BT40-LR25-B-100	2-16	100	40	-	ER25
BT40-LR25-B-125	2-16	125	40	-	ER25
BT40-LR25-B-150	2-16	150	40	-	ER25
BT40-LR32-70	3-20	70	50	-	ER32
BT40-LR32-100	3-20	100	50	-	ER32
BT40-LR32-125	3-20	125	50	-	ER32
BT40-LR32-150	3-20	150	50	-	ER32
BT40-LR32-200	3-20	200	50	-	ER32
BT40-LR40-100	3-26	100	63	-	ER40

PS: LR20,LR25有勾型螺帽及軸承型螺帽可選用。

INTEGER HANDLE COLLET CHUCK/LR

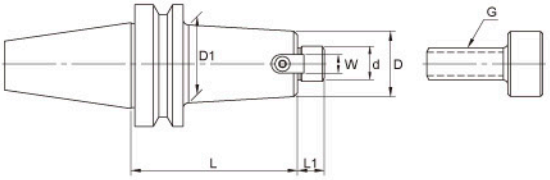
MODEL NO.	Clamping Range	L	D	D1	Collet
BT50-LR16-150	1-10	150	30	-	ER16
BT50-LR20-100	2-13	100	35	-	ER20
BT50-LR20-125	2-13	125	35	-	ER20
BT50-LR20-150	2-13	150	35	-	ER20
BT50-LR20-200	2-13	200	35	40	ER20
BT50-LR20-250	2-13	250	35	43	ER20
BT50-LR20-300	2-13	300	35	43	ER20
BT50-LR25-100	2-16	100	42	-	ER25
BT50-LR25-125	2-16	125	42	-	ER25
BT50-LR25-150	2-16	150	42	-	ER25
BT50-LR25-200	2-16	200	42	-	ER25
BT50-LR25-250-H	2-16	250	45	-	ER25
BT50-LR25-300	2-16	300	42	-	ER25
BT50-LR32-100	3-22	100	50	-	ER32
BT50-LR32-125	3-22	125	50	-	ER32
BT50-LR32-150	3-22	150	50	-	ER32
BT50-LR32-200	3-22	200	50	-	ER32
BT50-LR32-250	3-22	250	50	58	ER32
BT50-LR32-300	3-22	300	50	58	ER32
BT50-LR32-400	3-22	400	52	58	ER32
BT50-LR32-450	3-22	450	52	58	ER32
BT50-LR32-500	3-22	500	53	59	ER32
BT50-LR40-100	3-26	100	63	-	ER40


P25-LR Wrench


P25-LR Nut


P26-ER Collet





FMA 平面銑刀柄 FACE MILL A TYPE/FMA

MODEL NO.	L	L1	d	D	D1	W	G
BT30-FMA25.4-45	45	19	25.4	45	-	9.5	M12
BT30-FMA25.4-60	60	19	25.4	45	-	9.5	M12
BT40-FMA25.4-45	45	19	25.4	55	-	9.5	M12
BT40-FMA25.4-60	60	19	25.4	55	-	9.5	M12
BT40-FMA25.4-75	75	19	25.4	55	-	9.5	M12
BT40-FMA25.4-90	90	19	25.4	55	-	9.5	M12
BT40-FMA25.4-105	105	19	25.4	56	58	9.5	M12
BT40-FMA25.4-125	125	19	25.4	56	58	9.5	M12
BT40-FMA25.4-150	150	19	25.4	56	58	9.5	M12
BT40-FMA25.4-200	200	19	25.4	56	58	9.5	M12
BT40-FMA31.75-45	45	21	31.75	60	-	12.7	M12
BT40-FMA31.75-60	60	21	31.75	60	-	12.7	M12
BT40-FMA31.75-75	75	21	31.75	60	-	12.7	M12
BT40-FMA31.75-90	90	21	31.75	60	-	12.7	M12
BT40-FMA31.75-105	105	21	31.75	60	-	12.7	M12
BT40-FMA31.75-125	125	21	31.75	60	-	12.7	M12
BT40-FMA31.75-150	150	21	31.75	60	-	12.7	M12
BT40-FMA38.1-60	60	23	38.1	78	-	15.9	M16
BT50-FMA25.4-45	45	19	25.4	63	-	9.5	M12
BT50-FMA25.4-60	60	19	25.4	58	-	9.5	M12
BT50-FMA25.4-75	75	19	25.4	58	-	9.5	M12
BT50-FMA25.4-90	90	19	25.4	58	-	9.5	M12
BT50-FMA25.4-105	105	19	25.4	60	-	9.5	M12
BT50-FMA25.4-125	125	19	25.4	60	-	9.5	M12
BT50-FMA25.4-150	150	19	25.4	60	-	9.5	M12
BT50-FMA25.4-175	175	19	25.4	60	-	9.5	M12
BT50-FMA25.4-200	200	19	25.4	59	61	9.5	M12

MODEL NO.	L	L1	d	D	D1	W	G
BT50-FMA25.4-225	225	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-250	250	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-275	275	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-300	300	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-350	350	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-400	400	19	25.4	59	61	9.5	M12
* BT50-FMA25.4-450	450	19	25.4	59	61	9.5	M12
BT50-FMA31.75-45	45	21	31.75	76	-	12.7	M16
BT50-FMA31.75-75	75	21	31.75	70	-	12.7	M16
BT50-FMA31.75-90	90	21	31.75	70	-	12.7	M16
BT50-FMA31.75-105	105	21	31.75	70	-	12.7	M16
BT50-FMA31.75-125	125	21	31.75	71	73	12.7	M16
BT50-FMA31.75-150	150	21	31.75	71	73	12.7	M16
BT50-FMA31.75-175	175	21	31.75	71	73	12.7	M16
* BT50-FMA31.75-200	200	21	31.75	72	74	12.7	M16
* BT50-FMA31.75-225	225	21	31.75	70	73	12.7	M16
* BT50-FMA31.75-250	250	21	31.75	72	74	12.7	M16
* BT50-FMA31.75-275	275	21	31.75	82	86	12.7	M16
* BT50-FMA31.75-300	300	21	31.75	82	86	12.7	M16
* BT50-FMA31.75-325	325	21	31.75	82	86	12.7	M16
* BT50-FMA31.75-350	350	21	31.75	75	79	12.7	M16
* BT50-FMA31.75-375	375	21	31.75	82	86	12.7	M16
* BT50-FMA31.75-400	400	21	31.75	71	73	12.7	M16
* BT50-FMA31.75-450	450	21	31.75	82	86	12.7	M16
* BT50-FMA31.75-500	500	21	31.75	80	85	12.7	M16
* BT50-FMA31.75-600	600	21	31.75	80	85	12.7	M16

*:為減重設計。



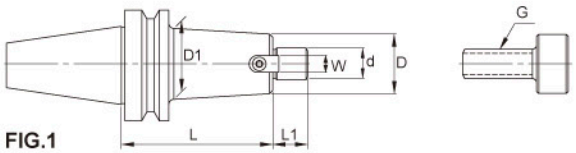


FIG.1

FMA 平面銑刀柄 FACE MILL A TYPE/FMA

MODEL NO.	Fig	L	L1	d	D	D1	W	G
BT50-FMA38.1-45	1	45	23	38.1	85	-	15.9	M16
BT50-FMA38.1-75	1	75	23	38.1	85	-	15.9	M16
BT50-FMA38.1-105	1	105	23	38.1	85	-	15.9	M16
BT50-FMA38.1-125	1	125	23	38.1	82	85	15.9	M16
BT50-FMA38.1-150	1	150	23	38.1	82	85	15.9	M16
BT50-FMA38.1-200	1	200	23	38.1	82	85	15.9	M16
BT50-FMA38.1-250	1	250	23	38.1	82	85	15.9	M16
BT50-FMA38.1-300	1	300	23	38.1	82	85	15.9	M16
BT50-FMA38.1-350	1	350	23	38.1	82	84	15.9	M16
BT50-FMA47.625-75	2	75	32	47.625	128	-	25.4	M16
* BT50-FMA47.625-150	2	150	32	47.625	128	-	25.4	M16
BT50-FMA50.8-45	1	45	24	50.8	97	-	19	M16
BT50-FMA50.8-75	1	75	24	50.8	97	-	19	M16
BT50-FMA50.8-105	1	105	24	50.8	97	-	19	M16
BT50-FMA50.8-125	1	125	24	50.8	97	-	19	M16
BT50-FMA50.8-150	1	150	24	50.8	97	-	19	M16
* BT50-FMA50.8-200	1	200	24	50.8	100	-	19	M16
* BT50-FMA50.8-250	1	250	24	50.8	100	-	19	M16
* BT50-FMA50.8-300	1	300	24	50.8	100	-	19	M16

*:為減重設計。

MODEL NO.	Fig	L	L1	d	D	D1	W	G
BT50-FMA25.4-150-H	1	150	19	25.4	70	75	9.5	M12
BT50-FMA25.4-400-H	1	400	19	25.4	82	86	9.5	M12
BT50-FMA25.4-450-H	1	450	19	25.4	82	86	9.5	M12
* BT50-FMA25.4-200-LH	1	200	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-250-LH	1	250	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-300-LH	1	300	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-350-LH	1	350	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-400-LH	1	400	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-450-LH	1	450	19	25.4	74	-	9.5	M12
* BT50-FMA25.4-500-LH	1	500	19	25.4	74	-	9.5	M12
BT50-FMA25.4-200-MH	1	200	19	25.4	62	70	9.5	M12
* BT50-FMA25.4-250-MH	1	250	19	25.4	62	73	9.5	M12
* BT50-FMA25.4-300-MH	1	300	19	25.4	62	73	9.5	M12
* BT50-FMA25.4-350-MH	1	350	19	25.4	62	73	9.5	M12
* BT50-FMA25.4-400-MH	1	400	19	25.4	62	73	9.5	M12
* BT50-FMA25.4-450-MH	1	450	19	25.4	62	73	9.5	M12
* BT50-FMA25.4-500-MH	1	500	19	25.4	62	73	9.5	M12

MODEL NO.	Fig	L	L1	d	D	D1	W	G
BT50-FMA25.4-75-S	1	75	19	25.4	49	53	9.5	M12
BT50-FMA25.4-90-S	1	90	19	25.4	49	53	9.5	M12
BT50-FMA25.4-105-S	1	105	19	25.4	51	53	9.5	M12
BT50-FMA25.4-125-S	1	125	19	25.4	51	53	9.5	M12
BT50-FMA25.4-150-S	1	150	19	25.4	51	53	9.5	M12
BT50-FMA25.4-175-S	1	175	19	25.4	51	53	9.5	M12
BT50-FMA25.4-250-S	1	250	19	25.4	51	55	9.5	M12
BT50-FMA25.4-75-MS	1	75	19	25.4	46	-	9.5	M12
BT50-FMA25.4-90-MS	1	90	19	25.4	46	-	9.5	M12
BT50-FMA25.4-105-MS	1	105	19	25.4	46	-	9.5	M12
BT50-FMA25.4-125-MS	1	125	19	25.4	46	-	9.5	M12
BT50-FMA25.4-150-MS	1	150	19	25.4	46	-	9.5	M12
BT50-FMA25.4-175-MS	1	175	19	25.4	46	-	9.5	M12
BT50-FMA25.4-200-MS	1	200	19	25.4	46	-	9.5	M12
BT50-FMA25.4-225-MS	1	225	19	25.4	46	-	9.5	M12
BT50-FMA25.4-250-MS	1	250	19	25.4	46	-	9.5	M12
BT50-FMA25.4-75-LS	1	75	19	25.4	48	-	9.5	M12
BT50-FMA25.4-90-LS	1	90	19	25.4	48	-	9.5	M12
BT50-FMA25.4-105-LS	1	105	19	25.4	48	-	9.5	M12
BT50-FMA25.4-125-LS	1	125	19	25.4	48	-	9.5	M12
BT50-FMA25.4-150-LS	1	150	19	25.4	48	-	9.5	M12
BT50-FMA25.4-175-LS	1	175	19	25.4	48	-	9.5	M12
BT50-FMA25.4-200-LS	1	200	19	25.4	48	-	9.5	M12
BT50-FMA25.4-250-LS	1	250	19	25.4	48	-	9.5	M12
BT50-FMA25.4-300-LS	1	300	19	25.4	48	-	9.5	M12
BT50-FMA31.75-75-S	1	75	21	31.75	63	-	12.7	M16
BT50-FMA31.75-90-S	1	90	21	31.75	60	-	12.7	M12
BT50-FMA31.75-105-S	1	105	21	31.75	61	63	12.7	M16
BT50-FMA31.75-125-S	1	125	21	31.75	61	63	12.7	M16
BT50-FMA31.75-150-S	1	150	21	31.75	61	63	12.7	M16
BT50-FMA31.75-175-S	1	175	21	31.75	61	63	12.7	M16
BT50-FMA31.75-180-S	1	180	21	31.75	60	62	12.7	M12
BT50-FMA31.75-200-S	1	200	21	31.75	61	63	12.7	M16
BT50-FMA31.75-225-S	1	225	21	31.75	61	63	12.7	M16
* BT50-FMA31.75-200-H	1	200	21	31.75	82	85	12.7	M16
* BT50-FMA31.75-225-H	1	225	21	31.75	82	85	12.7	M16
* BT50-FMA31.75-250-H	1	250	21	31.75	82	85	12.7	M16
* BT50-FMA31.75-350-H	1	350	21	31.75	81	84	12.7	M16
* BT50-FMA31.75-400-H	1	400	21	31.75	82	86	12.7	M16
BT50-FMA31.75-150-MS	1	150	21	31.75	60	-	12.7	M16
BT50-FMA31.75-200-MS	1	200	21	31.75	60	-	12.7	M16
BT50-FMA31.75-250-MS	1	250	21	31.75	60	-	12.7	M16

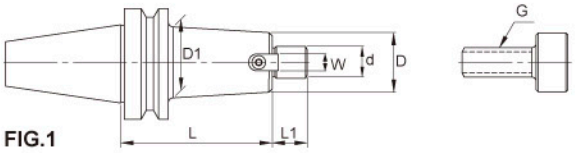


FIG.1

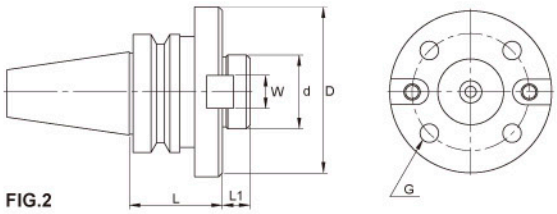


FIG.2

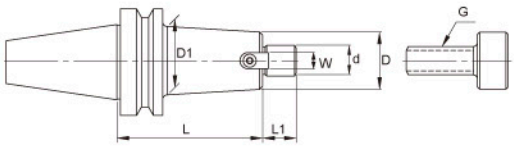
FMB 平面銑刀柄 FACE MILL B TYPE/FMB

MODEL NO.	Fig	L	L1	d	D	D1	W	G
BT30-FMB16-45	1	45	17	16	32	-	8	M8
BT30-FMB22-45	1	45	18	22	45	-	10	M10
BT30-FMB22-60	1	60	18	22	45	-	10	M10
BT30-FMB27-45	1	45	20	27	45	-	12	M12
BT30-FMB27-60	1	60	20	27	45	-	12	M12
BT40-FMB16-150	1	150	16	16	38	-	8	M8
BT40-FMB22-40	1	40	18	22	45	-	10	M10
BT40-FMB22-45	1	45	18	22	45	-	10	M10
BT40-FMB22-60	1	60	18	22	45	-	10	M10
BT40-FMB22-75	1	75	18	22	45	48	10	M10
BT40-FMB22-90	1	90	18	22	47	50	10	M10
BT40-FMB22-105	1	105	18	22	47	50	10	M10
BT40-FMB22-125	1	125	18	22	47	50	10	M10
BT40-FMB22-150	1	150	18	22	47	49	10	M10
BT40-FMB22-150-MS	1	150	18	22	40	-	10	M10
BT40-FMB22-200	1	200	18	22	47	49	10	M10
BT40-FMB27-45	1	45	20	27	55	-	12	M12
BT40-FMB27-60	1	60	20	27	55	-	12	M12
BT40-FMB27-75	1	75	20	27	58	-	12	M12
BT40-FMB27-90	1	90	20	27	58	60	12	M12
BT40-FMB27-105	1	105	20	27	58	60	12	M12
BT40-FMB27-150-LS	1	150	20	27	58	-	12	M12
BT40-FMB32-45	1	45	21	32	60	-	14	M16
BT40-FMB32-60	1	60	21	32	60	-	14	M16
BT40-FMB32-75	1	75	21	32	60	-	14	M16
BT40-FMB32-90	1	90	21	32	60	-	14	M16
BT40-FMB32-105	1	105	21	32	60	-	14	M16
*BT40-FMB32-150	1	150	21	43	76	-	14	M16
BT40-FMB40-60	1	60	21	40	78	-	15.9	M16
BT50-FMB16-125	1	125	17	16	38	-	8	M8
BT50-FMB16-150	1	150	17	16	38	-	8	M8
BT50-FMB16-200	1	200	17	16	38	-	8	M8
BT50-FMB16-250	1	250	17	16	38	-	8	M8
BT50-FMB22-60	1	60	18	22	46	-	10	M10
BT50-FMB22-75	1	75	18	22	45	48	10	M10
BT50-FMB22-90	1	90	18	22	48	-	10	M10
BT50-FMB22-105	1	105	18	22	47	48	10	M10
BT50-FMB22-125	1	125	18	22	47	49	10	M10
BT50-FMB22-150	1	150	18	22	47	49	10	M10
BT50-FMB22-175	1	175	18	22	47	49	10	M10

MODEL NO.	Fig	L	L1	d	D	D1	W	G
BT50-FMB22-200	1	200	18	22	47	49	10	M10
BT50-FMB22-225	1	225	18	22	47	49	10	M10
BT50-FMB22-250	1	250	18	22	47	49	10	M10
BT50-FMB22-300	1	300	18	22	47	49	10	M10
BT50-FMB22-350	1	350	18	22	47	49	10	M10
BT50-FMB22-400	1	400	18	22	47	49	10	M10
BT50-FMB22-450	1	450	18	22	47	49	10	M10
BT50-FMB27-45	1	45	20	27	70	-	12	M12
BT50-FMB27-60	1	60	20	27	60	-	12	M12
BT50-FMB27-75	1	75	20	27	60	-	12	M12
BT50-FMB27-90	1	90	20	27	60	63	12	M12
BT50-FMB27-105	1	105	20	27	60	62	12	M12
BT50-FMB27-125	1	125	20	27	60	63	12	M12
BT50-FMB27-150	1	150	20	27	60	63	12	M12
BT50-FMB27-200	1	200	20	27	60	62	12	M12
BT50-FMB27-250	1	250	20	27	60	65	12	M12
BT50-FMB27-300	1	300	20	27	60	62	12	M12
BT50-FMB32-60	1	60	21	32	70	-	14	M16
BT50-FMB32-75	1	75	21	32	70	-	14	M16
BT50-FMB32-90	1	90	21	32	70	-	14	M16
BT50-FMB32-105	1	105	21	32	70	73	14	M16
BT50-FMB32-125	1	125	21	32	70	73	14	M16
BT50-FMB32-150	1	150	21	32	70	73	14	M16
BT50-FMB32-200	1	200	21	32	72	74	14	M16
*BT50-FMB32-250	1	250	21	32	72	74	14	M16
*BT50-FMB32-300	1	300	21	32	81	84	14	M16
*BT50-FMB32-350	1	350	21	32	82	86	14	M16
*BT50-FMB32-400	1	400	21	32	71	73	14	M16
BT50-FMB40-60	1	60	21	40	80	-	16	M16
BT50-FMB40-75	1	75	21	40	80	-	16	M12
BT50-FMB40-75-F	2	75	21	40	90	-	16	M16
BT50-FMB40-90	1	90	21	40	80	-	16	M16
BT50-FMB40-105	1	105	21	40	80	-	16	M16
BT50-FMB40-125	1	125	21	40	81	85	16	M16
BT50-FMB40-150	1	150	21	40	81	85	16	M16
*BT50-FMB40-200	1	200	21	40	82	85	16	M16
*BT50-FMB40-250	1	250	21	40	82	85	16	M16
*BT50-FMB40-300	1	300	21	40	82	85	16	M16
*BT50-FMB40-350	1	350	21	40	82	84	16	M16
BT50-FMB60-75	2	75	32	60	128	-	25.4	M16
*BT50-FMB60-150	2	150	32	60	128	-	25.4	M16

*:為減重設計。





FMB 平面銑刀柄 FACE MILL B TYPE/FMB

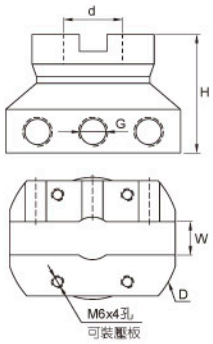
MODEL NO.	L	L1	d	D	D1	W	G
BT50-FMB22-105-H	105	18	22	58	62	10	M10
BT50-FMB22-150-H	150	18	22	58	62	10	M10
BT50-FMB22-200-H	200	18	22	58	62	10	M10
BT50-FMB22-250-H	250	18	22	58	62	10	M10
BT50-FMB22-300-H	300	18	22	58	62	10	M10
BT50-FMB22-350-H	350	18	22	58	62	10	M10
* BT50-FMB22-400-H	400	18	22	58	62	10	M10
* BT50-FMB22-450-H	450	18	22	58	62	10	M10
* BT50-FMB22-500-H	500	18	22	58	62	10	M10
* BT50-FMB22-600-H	600	18	22	58	62	10	M10
BT50-FMB22-150-T	150	18	22	49	54	10	M10
BT50-FMB22-175-T	175	18	22	49	55	10	M10
BT50-FMB22-200-T	200	18	22	49	56	10	M10
BT50-FMB22-250-T	250	18	22	49	59	10	M10
BT50-FMB22-300-T	300	18	22	49	62	10	M10
BT50-FMB22-350-T	350	18	22	49	62	10	M10
BT50-FMB22-400-T	400	18	22	49	70	10	M10
BT50-FMB22-450-T	450	18	22	49	70	10	M10
BT50-FMB22-105-LS	105	18	22	48	-	10	M10
BT50-FMB22-125-LS	125	18	22	48	-	10	M10
BT50-FMB22-150-LS	150	18	22	48	-	10	M10
BT50-FMB22-175-LS	175	18	22	48	-	10	M10
BT50-FMB22-200-LS	200	18	22	48	-	10	M10
BT50-FMB22-250-LS	250	18	22	48	-	10	M10
BT50-FMB22-300-LS	300	18	22	48	-	10	M10
BT50-FMB22-350-LS	350	18	22	48	-	10	M10
* BT50-FMB22-400-LS	400	18	22	48	-	10	M10
* BT50-FMB22-500-LS	500	18	22	48	-	10	M10
BT50-FMB22-105-MS	105	18	22	40	-	10	M10
BT50-FMB22-125-MS	125	18	22	40	-	10	M10
BT50-FMB22-150-MS	150	18	22	40	-	10	M10
BT50-FMB22-105-MSL	105	18	22	44	-	10	M10
BT50-FMB22-150-MSL	150	18	22	45	-	10	M10
BT50-FMB22-200-MSL	200	18	22	45	-	10	M10
BT50-FMB22-250-MSL	250	18	22	45	-	10	M10

*:為減重設計。

MODEL NO.	L	L1	d	D	D1	W	G
BT50-FMB27-150-LS	150	20	27	58	-	12	M12
* BT50-FMB27-200-H	200	20	27	76	78	12	M12
* BT50-FMB32-150-LS	150	21	32	76	-	14	M12
* BT50-FMB32-200-H	200	21	32	76	78	14	M16
* BT50-FMB32-250-H	250	21	32	82	86	14	M16

*:為減重設計。



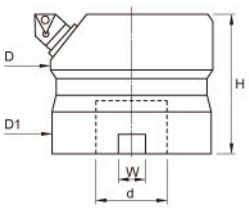


搪孔刀頭 FACE MILL A&B TYPE TRANSFER BORING BLOCK

MODEL NO.	d	D	H	W	G
FMB22-BOR55	22	55	50	16	M6
FMB22-BOR66	22	66	57	16	M10
FMA25.4-BOR66	25.4	66	57	16	M8
FMA31.75-BOR82	31.75	82	68	19	M12
FMA31.75-BOR100	31.75	100	68	19	M12
FMA31.75-BOR118	31.75	118	68	19	M12

1.不用再添置刀桿，配合於各種長度 FMB22 / FMA25.4 / FMA31.75，以節省成本。
2.可用於各種面銑刀桿作各式搪孔。
3.FMA31.75至少有三種尺寸(D)可選擇，搪孔範圍大，配合BSS也可做精搪。
備註：BOR100、BOR118可利用4個M6螺絲鎖緊壓板。





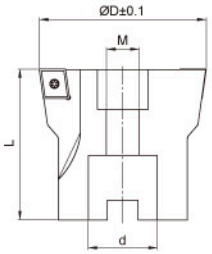
精搪孔刀頭 FACE MILL A&B TYPE TRANSFER FINE BORING BLOCK

MODEL NO.	d	D	D1	H	W	Boring Head
FMA25.4-MBR62	25.4	58	57	50	9.5	L148C-31
FMA25.4-MBR72	25.4	68	57	50	9.5	L148C-31
FMB22-MBR62	22	58	57	50	10	L148C-31
FMB22-MBR65	22	61	57	50	10	L148C-31
FMB22-MBR68	22	64	57	50	10	L148C-31

1.不用再添置刀桿，配合於各種長度面銑刀桿，以節省成本。
2.可用於各種面銑刀桿作各式粗搪及精搪。







TB 固定式粗搪刀頭 FIXED ROUGH BORING HEAD/TB

MODEL NO.	D	d	L	Insert
TB47-22.0-CC09	46.8	22	49	CC..09T304
TB48-22.0-CC09	47.8	22	49	CC..09T304
TB50-22.0-CC09	49.8	22	49	CC..09T304
TB52-22.0-CC09	51.8	22	49	CC..09T304
TB55-22.0-CC09	54.8	22	49	CC..09T304
TB58-22.0-CC09	57.8	22	49	CC..09T304
TB60-22.0-CC12	59.8	22	49	CC..120404
TB62-22.0-CC12	61.8	22	49	CC..120404
TB65-22.0-CC12	64.8	22	49	CC..120404
TB70-22.0-CC12	69.8	22	49	CC..120404
TB72-22.0-CC12	71.8	22	49	CC..120404
TB50-25.4-CC09	49.8	25.4	49	CC..09T304
TB52-25.4-CC09	51.8	25.4	49	CC..09T304
TB55-25.4-CC09	54.8	25.4	49	CC..09T304
TB58-25.4-CC09	57.8	25.4	49	CC..09T304
TB60-25.4-CC12	59.8	25.4	49	CC..120404
TB62-25.4-CC12	61.8	25.4	49	CC..120404
TB65-25.4-CC12	64.8	25.4	49	CC..120404
TB70-25.4-CC12	69.8	25.4	49	CC..120404
TB72-25.4-CC12	71.8	25.4	49	CC..120404



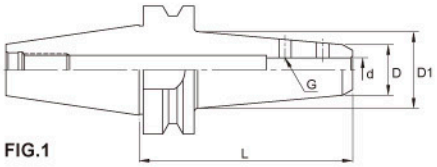


FIG.1

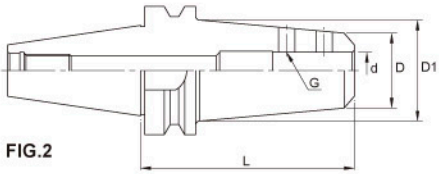


FIG.2

SLA 側固式立銑刀柄

SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	Fig	d	D	D1	L	G
BT30-SLA6-60	1	6	25	-	60	M6
BT30-SLA8-60	1	8	30	-	60	M8
BT30-SLA10-60	2	10	34	-	60	M8
BT30-SLA12-60	2	12	38	-	60	M10
BT30-SLA12-65	2	12	38	-	65	M10
BT30-SLA16-70	2	16	45	-	70	M10
BT30-SLA20-65	2	20	45	-	65	M12
BT30-SLA25-75	2	25	48	-	75	M12
BT40-SLA6-75	1	6	25	-	75	M6
BT40-SLA6-90	1	6	25	-	90	M6
BT40-SLA6-105	1	6	18	25	105	M6
BT40-SLA6-120	1	6	18	25	120	M6
BT40-SLA6-150	1	6	18	28	150	M6
BT40-SLA8-75	1	8	30	-	75	M8
BT40-SLA8-90	1	8	28	-	90	M8
BT40-SLA8-105	1	8	25	30	105	M8
BT40-SLA8-120	1	8	25	30	120	M8
BT40-SLA8-150	1	8	24	30	150	M8
BT40-SLA10-75	1	10	34	-	75	M8
BT40-SLA10-90	1	10	34	-	90	M8
BT40-SLA10-105	1	10	30	34	105	M8
BT40-SLA10-120	1	10	30	34	120	M8
BT40-SLA10-150	1	10	30	34	150	M8
BT40-SLA12-75	1	12	38	-	75	M10
BT40-SLA12-90	1	12	38	-	90	M10
BT40-SLA12-105	1	12	35	40	105	M10
BT40-SLA12-120	1	12	35	40	120	M10
BT40-SLA12-150	1	12	34	40	150	M10
BT40-SLA16-75	2	16	45	-	75	M10
BT40-SLA16-90	2	16	45	-	90	M10

MODEL NO.	Fig	d	D	D1	L	G
BT40-SLA16-120	2	16	40	45	120	M10
BT40-SLA16-150	2	16	40	45	150	M10
BT40-SLA20-90	2	20	50	-	90	M12
BT40-SLA20-120	2	20	50	-	120	M12
BT40-SLA20-150	2	20	45	50	150	M12
BT40-SLA20-200	2	20	43	50	200	M12
BT40-SLA25-90	2	25	57	-	90	M16
BT40-SLA25-120	2	25	57	-	120	M16
BT40-SLA25-150	2	25	55	60	150	M16
BT40-SLA25-200	2	25	55	60	200	M16
BT40-SLA32-90	2	32	60	-	90	M16
BT40-SLA32-120	2	32	60	-	120	M16
BT40-SLA32-150	2	32	60	-	150	M16
BT40-SLA32-200	2	32	60	-	200	M16
BT40-SLA40-105	2	40	68	-	105	M16
BT40-SLA42-105	2	42	72	-	105	M16
BT50-SLA6-105	1	6	25	-	105	M6
BT50-SLA6-150	1	6	20	28	150	M6
BT50-SLA6-200	1	6	20	32	200	M6
BT50-SLA8-105	1	8	28	-	105	M8
BT50-SLA8-150	1	8	25	30	150	M8
BT50-SLA8-200	1	8	25	35	200	M8
BT50-SLA10-105	1	10	34	-	105	M8
BT50-SLA10-150	1	10	30	36	150	M8
BT50-SLA10-200	1	10	30	40	200	M8
BT50-SLA10-250	1	10	30	45	250	M8
BT50-SLA12-105	1	12	40	-	105	M10
BT50-SLA12-150	1	12	35	40	150	M10
BT50-SLA12-200	1	12	35	45	200	M10
BT50-SLA12-250	1	12	35	45	250	M10



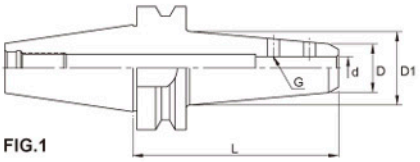


FIG.1

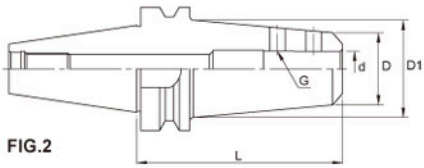


FIG.2

SLA 側固式立銑刀柄

MODEL NO.	Fig	d	D	D1	L	G
BT50-SLA14-105	1	14	40	-	105	M10
BT50-SLA16-105	1	16	45	-	105	M10
BT50-SLA16-150	1	16	40	45	150	M10
BT50-SLA16-200	1	16	40	50	200	M10
BT50-SLA16-250	1	16	40	50	250	M10
BT50-SLA16-300	1	16	40	50	300	M10
BT50-SLA18-105	1	18	45	-	105	M10
BT50-SLA20-105	1	20	50	-	105	M12
BT50-SLA20-150	1	20	45	50	150	M12
BT50-SLA20-200	1	20	45	55	200	M12
BT50-SLA20-250	1	20	45	55	250	M12
BT50-SLA20-300	1	20	45	55	300	M12
BT50-SLA20-350	1	20	45	55	350	M12
BT50-SLA25-105	2	25	58	-	105	M16
BT50-SLA25-150	2	25	55	60	150	M16
BT50-SLA25-200	2	25	55	62	200	M16
BT50-SLA25-250	2	25	55	62	250	M16
BT50-SLA25-300	2	25	55	62	300	M16
BT50-SLA25-350	2	25	55	62	350	M16
BT50-SLA25-400	2	25	56	63	400	M16
BT50-SLA32-105	2	32	62	-	105	M16
BT50-SLA32-125	2	32	62	-	125	M16
BT50-SLA32-150	2	32	62	-	150	M16
BT50-SLA32-175	2	32	60	64	175	M16
BT50-SLA32-200	2	32	60	65	200	M16
BT50-SLA32-250	2	32	60	65	250	M16
BT50-SLA32-300	2	32	60	65	300	M16
BT50-SLA32-350	2	32	60	65	350	M16
BT50-SLA40-120	2	40	78	-	120	M20
BT50-SLA40-150	2	40	78	-	150	M20
BT50-SLA40-200	2	40	78	-	200	M20
BT50-SLA40-250	2	40	78	-	250	M20
BT50-SLA40-300	1	40	78	-	300	M20
BT50-SLA40-350	1	40	78	-	350	M20

SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	Fig	d	D	D1	L	G
BT50-SLA42-120	2	42	80	-	120	M20
BT50-SLA42-150	2	42	80	-	150	M20
BT50-SLA42-200	2	42	80	-	200	M20
BT50-SLA42-250	2	42	80	-	250	M20
BT50-SLA42-300	2	42	80	-	300	M20
BT50-SLA50-120	2	50	95	-	120	M20
BT50-SLA50.8-121	2	50.8	95	-	121	M20
BT50-SLA50.8-160	2	50.8	95	-	160	M20
BT50-SLA50.8-165	2	50.8	95	-	165	M20
BT50-SLA12-150-M	1	12	30	35	150	M10
BT50-SLA12-200-M	1	12	30	40	200	M10
BT50-SLA16-105-M	1	16	40	-	105	M10
BT50-SLA16-150-M	1	16	35	40	150	M10
BT50-SLA16-200-M	1	16	35	45	200	M10
BT50-SLA16-250-M	1	16	35	45	250	M10
BT50-SLA20-105-M	1	20	48	-	105	M12
BT50-SLA20-150-M	1	20	40	45	150	M12
BT50-SLA20-200-M	1	20	40	50	200	M12
BT50-SLA20-250-M	1	20	40	50	250	M12
BT50-SLA20-300-M	1	20	40	50	300	M12
BT50-SLA20-350-M	1	20	40	50	350	M12
BT50-SLA25-105-M	2	25	52	-	105	M16
BT50-SLA25-150-M	2	25	50	55	150	M16
BT50-SLA25-200-M	2	25	50	60	200	M16
BT50-SLA25-250-M	2	25	50	60	250	M16
BT50-SLA25-300-M	2	25	50	60	300	M16
BT50-SLA25-350-M	2	25	50	60	350	M16
BT50-SLA32-105-M	2	32	55	-	105	M16
BT50-SLA32-200-M	2	32	55	65	200	M16
BT50-SLA32-250-M	2	32	55	62	250	M16
BT50-SLA32-300-M	2	32	55	65	300	M16
BT50-SLA32-350-M	2	32	55	65	350	M16

*:BT50-SLA50.8全系列內孔附插銷

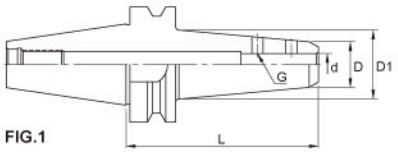


FIG.1

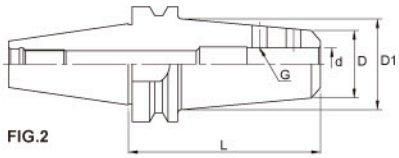
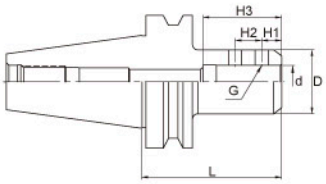


FIG.2





SLA 側固式立銑刀柄

MODEL NO.	Fig.	d	D	D1	L	G
BT50-SLA12-150-S	1	12	25	30	150	M8
BT50-SLA12-200-S	1	12	25	35	200	M8
BT50-SLA16-105-MS	1	16	34	-	105	M10
BT50-SLA16-150-S	1	16	30	35	150	M10
BT50-SLA16-200-S	1	16	30	40	200	M10
BT50-SLA16-250-S	1	16	30	38	250	M10
BT50-SLA20-150-S	1	20	35	40	150	M10
BT50-SLA20-250-S	1	20	35	45	250	M10
BT50-SLA20-300-S	2	20	35	45	300	M10
BT50-SLA25-150-S	2	25	45	50	150	M12
BT50-SLA25-200-S	2	25	45	55	200	M12
BT50-SLA25-250-S	2	25	45	55	250	M12
BT50-SLA25-300-S	2	25	45	55	300	M12
BT50-SLA32-150-S	2	32	50	55	150	M12
BT50-SLA32-250-S	2	32	50	60	250	M12
BT50-SLA32-300-S	2	32	50	60	300	M12
BT50-SLA16-250-T	1	16	30	45	250	M10
BT50-SLA20-200-T	1	20	35	45	200	M10
BT50-SLA20-250-T	1	20	35	50	250	M10
BT50-SLA20-300-T	2	20	30	40	300	M10
BT50-SLA25-200-T	2	25	40	50	200	M10
BT50-SLA25-250-T	2	25	40	55	250	M10
BT50-SLA25-300-T	2	25	40	55	300	M10
BT50-SLA32-200-T	2	32	50	56	200	M12
BT50-SLA32-250-T	2	32	50	65	250	M12
BT50-SLA32-300-T	2	32	50	68	300	M12

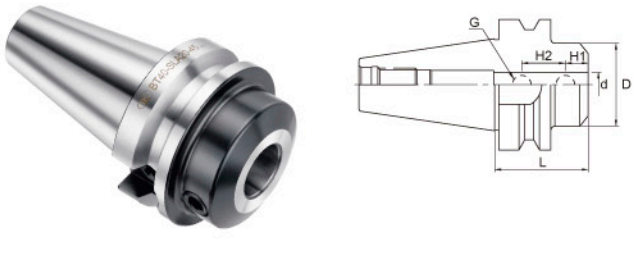
SLB 側固式立銑刀柄 SIDE LOCK END MILL HOLDER/SLB

MODEL NO.	d	D	L	H1	H2	H3	G
BT40-SLB6-75	6	24	75	6	9	-	M6
BT40-SLB8-75	8	28	75	8.5	11.5	-	M8
BT40-SLB10-75	10	32	75	10	12	-	M8
BT40-SLB12-75	12	36	75	12	16	-	M10
BT40-SLB12-105	12	32	105	11	15.5	-	M10
BT40-SLB16-75	16	42	75	13	15	49	M10
BT40-SLB16-105	16	36	105	12	15.5	-	M10
BT40-SLB20-75	20	46	75	13	15	51	M10
BT40-SLB20-105	20	40	105	12	15.5	-	M10
BT40-SLB25-65	25	48	65	12	16	57	M12
BT40-SLB25-75	25	48	75	15	20	57	M12
BT40-SLB25-105	25	48	105	14	18	-	M12
BT40-SLB32-65	32	62	65	13	18	61	M12
BT40-SLB32-75	32	62	75	16	22	61	M16
BT40-SLB40-100	40	68	100	20	25	76	M16
BT50-SLB12-90	12	38	90	12	15	-	M10
BT50-SLB12-105	12	38	105	12	15	-	M10
BT50-SLB14-90	14	38	90	13	15	-	M10
BT50-SLB16-90	16	42	90	13	15	-	M10
BT50-SLB16-105	16	42	105	13	15	42	M10
BT50-SLB16-150	16	42	150	13	15	42	M10
BT50-SLB18-90	18	48	90	13	15	43	M10
BT50-SLB18-105	18	48	105	13	15	50	M10
BT50-SLB20-90	20	48	90	13	15	55	M10
BT50-SLB20-105	20	48	105	13	15	55	M10
BT50-SLB20-150	20	48	150	13	15	55	M10
BT50-SLB20-200	20	48	200	13	15	55	M10
BT50-SLB25-90	25	48	90	15	20	60	M12
BT50-SLB25-105	25	48	105	15	20	60	M12
BT50-SLB25-150	25	48	150	15	20	60	M12
BT50-SLB25-200	25	48	200	15	20	60	M12
BT50-SLB32-90	32	60	90	16	22	65	M16
BT50-SLB32-105	32	63	105	16	22	65	M16
BT50-SLB32-150	32	63	150	16	22	65	M16
BT50-SLB32-200	32	60	200	16	22	65	M16
BT50-SLB40-95	40	68	95	20	25	75	M16
BT50-SLB40-105	40	68	105	20	25	75	M16



SLA鎢鋼柄專用側固式刀桿 SIDE LOCK HOLDER FOR CARBIDE TOOL/SLA

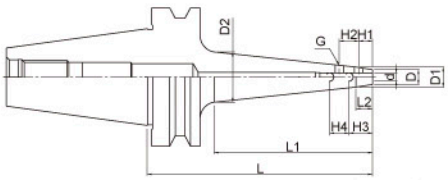
MODEL NO.	d	D	L
BT40-SLA19-90-W	19	40	90
BT40-SLA20-90-W	20	40	90
BT40-SLA24-90-W	24	45	90
BT40-SLA25-90-W	25	45	90
BT40-SLA32-105-W	32	62	105
BT50-SLA19-105-W	19	40	105
BT50-SLA19-150-W	19	40	150
BT50-SLA20-105-W	20	40	105
BT50-SLA20-150-W	20	40	150
BT50-SLA24-105-W	24	45	105
BT50-SLA24-150-W	24	45	150
BT50-SLA25-105-W	25	45	105
BT50-SLA25-150-W	25	45	150
BT50-SLA32-105-W	32	62	105
BT50-SLA32-150-W	32	62	150
BT50-SLA40-135-W	40	80	135
BT50-SLA50-165-W	50	90	165
BT50-SLA60-200-W	60	100	200



SLA 超短型側固式立銑刀柄 THE SHORTEST SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	d	D	L	H1	H2	G
BT40-SLA12-45	12	36	45	11	21	M10
BT40-SLA16-45	16	40	45	11	21	M10
BT40-SLA20-45	20	50	45	11	21	M12
BT40-SLA25-45	25	57	45	10	20	M12
BT40-SLA32-50	32	60	50	10	20	M12
BT50-SLA16-45	16	40	45	17	19	M10
BT50-SLA16-75	16	40	75	20	25	M10
BT50-SLA20-38	20	-	38	14	18	M12
BT50-SLA20-45	20	50	45	17	19	M12
BT50-SLA20-70	20	50	70	18	26	M12
BT50-SLA25-38	25	-	38	15	25	M12
BT50-SLA25-75	25	58	75	23	27	M16
BT50-SLA32-38	32	-	38	15	25	M12
BT50-SLA32-75	32	62	75	23	29	M16
BT50-SLA42-75	42	72	75	23	29	M16

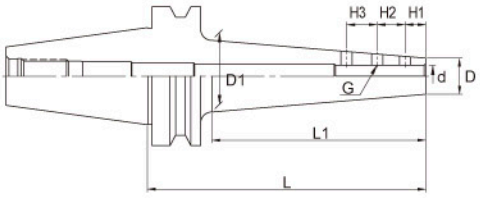




SLP 側固式立銑刀柄 SIDE LOCK END MILL HOLDER/SLP

MODEL NO.	d	D	D1	D2	L	L1	L2	H1	H2	H3	H4	G
BT50-SLP4-200	4	8.4	12.33	34.17	200	152	12	8	10	13	10	M4xP0.5
BT50-SLP6-200	6	10.6	14.4	36.24	200	150	12	10	14	17	14	M6xP0.75





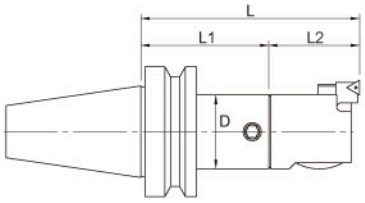
SLP 側固式立銑刀柄(≦5°) SIDE LOCK END MILL HOLDER (≦5°) / SLP

MODEL NO.	d	D	D1	L	L1	H1	H2	H3	G
BT40-SLP4-110	4	8.5	24	110	78	10	12	-	M4xP0.5
BT40-SLP4-130	4	8.5	28	130	98	10	12	-	M4xP0.5
BT40-SLP4-150	4	8.5	31	150	118	10	12	-	M4xP0.5
BT40-SLP6-130	6	10.5	29	130	98	10	14	-	M6xP0.75
BT40-SLP6-150	6	12	30	150	118	12	13	-	M6xP0.75
BT40-SLP8-130	8	15	31	130	98	13.5	18	-	M6xP0.75
BT40-SLP8-150	8	15	34	150	118	13.5	18	-	M6xP0.75
BT40-SLP10-130	10	17	33	130	98	15	20	-	M6xP0.75
BT40-SLP10-150	10	17	36	150	118	15	20	-	M6xP0.75
BT40-SLP12-130	12	22	38	130	99	15	16	16	M8xP0.75
BT40-SLP12-165	12	22	43.5	165	134	15	16	16	M8xP0.75
BT40-SLP16-130	16	26	41	130	100	15	20	22	M8xP0.75
BT40-SLP16-165	16	26	47.5	165	134	15	20	22	M8xP0.75
BT40-SLP20-130	20	30	45	130	100	15	20	25	M8xP0.75
BT40-SLP20-165	20	30	51.5	165	136	15	20	25	M8xP0.75
BT40-SLP25-130	25	37	53	130	101	15	20	25	M8xP0.75
BT40-SLP25-165	25	37	58	165	137	15	20	25	M8xP0.75
BT50-SLP4-200	4	8.5	34	200	152	8	18	13	M4xP0.5
BT50-SLP6-200	6	10.5	36	200	152	10	24	17	M6xP0.75
BT50-SLP8-200	8	17	41	200	150	13.5	18	-	M6xP0.75
BT50-SLP10-200	10	19	43.5	200	152	15	20	-	M6xP0.75
BT50-SLP10-250	10	20	52	250	200	15	20	-	M6xP0.75
BT50-SLP10-300	10	20	61	300	254	15	20	-	M6xP0.75
BT50-SLP12-200	12	22	48	200	154	15	16	16	M8xP0.75
BT50-SLP12-250	12	22	54.5	250	200	15	16	16	M8xP0.75
BT50-SLP12-300	12	23	64	300	254	15	16	16	M8xP0.75
BT50-SLP16-200	16	26	50	200	154	15	20	22	M8xP0.75
BT50-SLP16-250	16	26	57.5	250	202	15	20	22	M8xP0.75
BT50-SLP16-300	16	27	68	300	254	15	20	22	M8xP0.75
BT50-SLP20-200	20	30	54	200	154	15	20	25	M8xP0.75
BT50-SLP20-250	20	30	62	250	204	15	20	25	M8xP0.75
BT50-SLP20-300	20	31	68	300	250	15	20	25	M8xP0.75
BT50-SLP25-160	25	38	56	160	100	15	20	22	M8xP0.75
BT50-SLP25-200	25	35	60.5	200	154	15	20	25	M8xP0.75
BT50-SLP25-250	25	36	67	250	202	15	20	25	M8xP0.75
BT50-SLP25-300	25	38	73	300	257	15	20	25	M8xP0.75
BT50-SLP25-350	25	38	76	350	279	15	20	25	M8xP0.75
BT50-SLP32-160	32	42	61	160	114	15	20	25	M8xP0.75
BT50-SLP32-200	32	42	62	200	154	15	20	25	M8xP0.75

SLT 側固式立銑刀柄(≦3°) SIDE LOCK END MILL HOLDER (≦3°) / SLT

MODEL NO.	d	D	D1	L	L1	H1	H2	H3	G
BT50-SLT16-200	16	26	41	200	150	15	20	22	M8xP0.75
BT50-SLT16-250	16	27	48	250	200	15	20	22	M8xP0.75
BT50-SLT20-200	20	30	45	200	150	15	20	25	M8xP0.75
BT50-SLT20-250	20	31	51	250	200	15	20	25	M8xP0.75
BT50-SLT20-300	20	31	57	300	250	15	20	25	M8xP0.75
BT50-SLT25-200	25	35	50.5	200	154	15	20	25	M8xP0.75
BT50-SLT25-250	25	38	58	250	200	15	20	25	M8xP0.75
BT50-SLT32-200	32	42	57.5	200	154	15	20	25	M8xP0.75
BT50-SLT32-250	32	48	68	250	200	15	20	25	M8xP0.75
BT50-SLT32-300	32	42	67	300	250	15	20	25	M8xP0.75





《L含搪頭長度》

CK 粗(精)搪刀桿 BORING HOLDER/CK

MODEL NO.	D	L	L1	L2	Min-Max	Cutter
BT30-CK1-75	19	75	42	33	19-25	CBH20
BT30-CK1-105	19	105	72	33		
BT30-CK2-90	24	90	52	38	25-33	RBH25, CBH25
BT30-CK2-105	24	105	67	38		
BT30-CK3-105	31	105	64	41	32-42	RBH32, CBH32
BT30-CK3-120	31	120	79	41		
BT30-CK3-150	31	150	109	41		
BT30-CK4-135	39	135	88	47	40-55	RBH40, CBH40
BT30-CK4-165	39	165	118	47		
BT30-CK5-120	50	120	63	57	52-70	RBH52, CBH52
BT30-CK5-135	50	135	78	57		
BT30-CK5-165	50	165	108	57		
BT30-CK6-135	64	135	64	71	68-92 90-122	RBH68, RBH90 CBH68, LBJ16
BT40-CK1-90	19	90	57	33	19-25	CBH20
BT40-CK1-105	19	105	75	33		
BT40-CK1-120	19	120	87	33		
BT40-CK2-90	24	90	52	38	25-33	RBH25, CBH25
BT40-CK2-105	24	105	67	38		
BT40-CK2-120	24	120	82	38		
BT40-CK2-150	24	150	112	38		
BT40-CK3-90	31	90	49	41	32-42	RBH32, CBH32
BT40-CK3-120	31	120	79	41		
BT40-CK3-135	31	135	94	41		
BT40-CK3-165	31	165	124	41		
BT40-CK4-100	39	100	53	47	40-55	RBH40, CBH40
BT40-CK4-135	39	135	88	47		
BT40-CK4-165	39	165	118	47		
BT40-CK5-110	50	110	53	57	52-70	RBH52, CBH52
BT40-CK5-135	50	135	78	57		
BT40-CK5-165	50	165	108	57		
BT40-CK6-120	64	120	49	71	68-92 90-122	RBH68, CBH68 LBJ16, RBH90 CBH100, CBH150
BT40-CK6-135	64	135	64	71		
BT40-CK6-165	64	165	91	71		

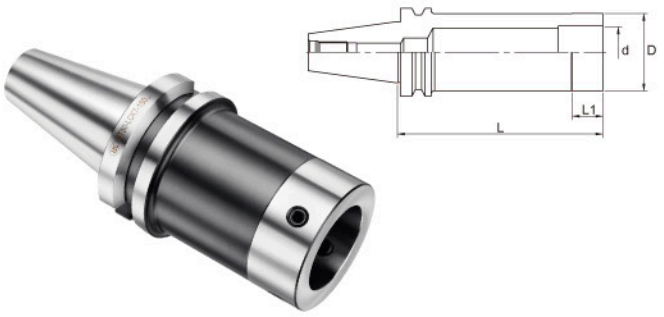
CK 粗(精)搪刀桿 BORING HOLDER/CK

MODEL NO.	D	L	L1	L2	Min-Max	Cutter
BT50-CK1-135	19	135	102	33	19-25	CBH20
BT50-CK1-150	19	150	117	33		
BT50-CK2-150	24	150	112	38	25-33	RBH25, CBH25
BT50-CK2-180	24	180	142	38		
BT50-CK3-165	31	165	124	41	32-42	RBH32, CBH32
BT50-CK3-195	31	195	154	41		
BT50-CK3-210	31	210	169	41		
BT50-CK4-120	39	120	73	47	40-55	RBH40, CBH40
BT50-CK4-165	39	165	118	47		
BT50-CK4-200	39	200	153	47		
BT50-CK4-240	39	240	193	47		
BT50-CK4-270	39	270	223	47		
BT50-CK4-280	39	280	233	47		
BT50-CK5-135	50	135	78	57	52-70	RBH52, CBH52
BT50-CK5-165	50	165	108	57		
BT50-CK5-200	50	200	143	57		
BT50-CK5-240	50	240	183	57		
BT50-CK5-285	50	285	228	57		
BT50-CK6-135	64	135	64	71	68-92 90-122	RBH68, CBH68, LBJ16, RBH90, CBH100, CBH150
BT50-CK6-165	64	165	94	71		
BT50-CK6-180	64	180	109	71		
BT50-CK6-200	64	200	129	71		
BT50-CK6-240	64	240	169	71		
BT50-CK6-280	64	280	209	71		
BT50-CK6-300	64	300	229	71		
BT50-CK6-320	64	320	249	71		
* BT50-CK6-350	64	350	279	71		
* BT50-CK6-400	64	400	329	71		
* BT50-CK6-450	64	450	379	71		

*：為減重設計


P42-Adapter


P43-Boring Head



《L不含搪頭長度》

LCK 粗(精)搪刀桿 BORING HOLDER/LCK

MODEL NO.	d	D	L	L1	Min-Max	Cutter
BT50-LCK7-65	58	88	65	25	90-610	RBH90~RBH500 CBH100~CBH500
BT50-LCK7-105	58	88	105	35		
BT50-LCK7-150	58	88	150	50		
BT50-LCK7-200	58	88	200	35		
BT50-LCK7-250	58	88	250	35		
BT50-LCK7-300	58	88	300	35		
BT50-LCK7-350	58	88	350	35		
BT50-LCK7-400	58	88	400	35		
BT50-LCK7-450	58	88	450	35		
BT50-LCK7-300-S	58	85	300	35		
BT50-LCK7-350-S	58	85	350	35		
BT50-LCK7-400-S	58	85	400	35		



《L不含搪頭長度》

CKB 加粗型粗(精)搪刀桿 BORING HOLDER/CKB

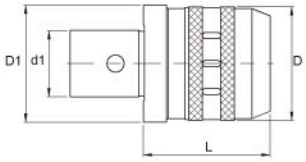
MODEL NO.	D	D1	L	L1	Min-Max	Cutter
＊BT50-CKB5-300	50	66	300	85	52-70	RBH52, CBH52
＊BT50-CKB5-350	50	66	350	85		
＊BT50-CKB6-280	64	72	280	70	68-92 90-122	RBH68, CBH68, LBJ16, RBH90, CBH100, CBH150
＊BT50-CKB6-350	64	77	350	70		
＊BT50-CKB6-400	64	80	400	70		
＊BT50-CKB6-400-S	64	77	400	70		
＊BT50-CKB6-450	64	80	450	70		
＊BT50-CKB6-450-S	64	77	450	70		

＊：為減重設計


P42 -Adapter


P43-Boring Head

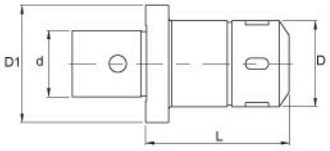




CK-KCH 強力型銑刀夾頭 POWER GRIP MILLING CHUCK ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	D	D1	d
CK6-KCH25-70	70	68	64	36
CK6-KCH32-82	82	60	64	36

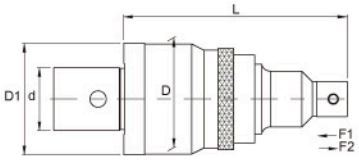




CK-LT 高精度銑刀夾頭 LT COLLECT CHUCK ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	D	D1	d
CK6-LT25-80	80	58	64	36
CK6-LT32-90	90	68	64	36

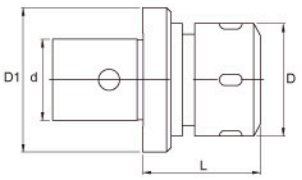




CK-TPA 扭力攻牙器 TENSION & ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	d	D	D1	F1	F2
CK4-TPA316-ES	88	22	53	48	1	0
CK6-TPA830-ES	120	36	63	64	1	0

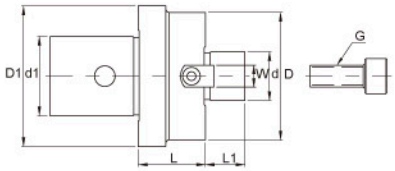




CK-LR 整數柄ER銑刀夾頭 INTEGER HANDLE COLLET CHUCK ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	D	D1	d
CK6-LR32	50	50	64	36
CK6-LR40	55	63	64	36

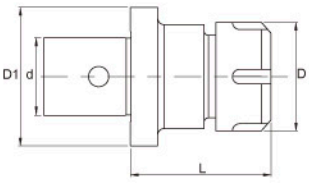




CK-FMA(B) 平面銑刀桿 FACE MILL A&B TYPE ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	L1	d	d1	D	D1	W	G
CK5-FMB22-25	25	18	22	28	46	50	10	M10xP1.5
CK6-FMA25.4-30	30	19	25.4	36	58	64	9.5	M12xP1.75
CK6-FMB22-30	31	18	22	36	58	64	10	M10xP1.5
CK6-FMB27-30	29	20	27	36	58	64	12	M12xP1.75

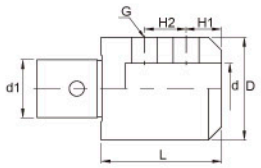




CK-ER 銑刀夾頭 SPRING COLLECT CHUCK ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	D	D1	d
CK6-ER32-65	65	50	64	36
CK6-ER40-60	60	60	64	36

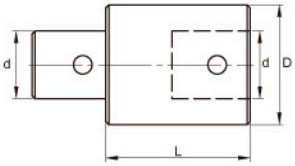




CK-SLA 側固式立銑刀柄 SIDE LOCK END MILL HOLDER ADAPTER FOR CK BORING HOLDER

MODEL NO.	L	D	d	d1	H1	H2	G
CK6-SLA25-75	75	64	25	36	22	26	M16

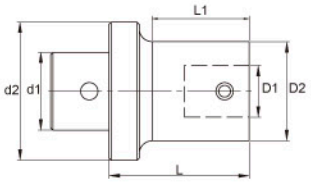




CK 接桿 EQUAL DIAMETER EXTENSION ADAPTER/CK

MODEL NO.	d	D	L	Cutter
CK1接桿20L	11	19	20	CBH20
CK1接桿30L	11	19	30	
CK2接桿25L	14	24	25	RBH25, CBH25
CK2接桿30L	14	24	30	
CK3接桿30L	18	31	30	RBH32, CBH32
CK3接桿60L	18	31	60	
CK4接桿35L	22	39	35	RBH40, CBH40
CK4接桿45L	22	39	45	
CK4接桿60L	22	39	60	
CK4接桿45L	22	39	45	
CK4接桿75L	22	39	75	
CK4接桿150L	22	39	150	
CK5接桿60L	28	50	60	RBH52, CBH52
CK5接桿100L	28	50	100	
CK5接桿120L	28	50	120	
CK6接桿60L	36	64	60	RBH68, RBH90 CBH68, CBH100
CK6接桿80L	36	64	80	
CK6接桿100L	36	64	100	
CK6接桿120L	36	64	120	
CK7接桿100L	58	88	100	RBH90~RBH500 CBH100~CBH500
CK7接桿150L	58	88	150	

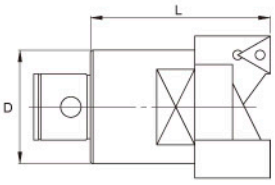




CK 異徑接桿 REDUCING CHANGE ADAPTER/CK

MODEL NO.	d1	d2	D1	D2	L	L1	Cutter
CK4-2-50	22	39	14	24	50	34	RBH25、CBH25
CK4-3-50	22	39	18	31	50	37	RBH32、CBH32
CK5-2-50	28	50	14	24	50	30	RBH25、CBH25
CK5-3-47	28	50	18	31	47	29	RBH32、CBH32
CK5-3-72	28	50	18	31	72	54	
CK5-4-42	28	50	22	39	42	25	RBH40、CBH40
CK5-4-67	28	50	22	39	67	50	
CK6-2-35	36	64	14	24	35	15	RBH25、CBH25
CK6-2-50	36	64	14	24	50	27	
CK6-3-35	36	64	18	31	35	18	RBH32、CBH32
CK6-3-60	36	64	18	31	60	40	
CK6-3-90	36	64	18	31	90	70	
CK6-3-120	36	64	18	31	120	95	
CK6-4-35	36	64	22	39	35	20	RBH40、CBH40
CK6-4-60	36	64	22	39	60	40	
CK6-4-85	36	64	22	39	85	75	
CK6-4-100	36	64	22	39	100	75	
CK6-4-125	36	64	22	39	125	100	
CK6-4-150	36	64	22	39	150	125	
CK6-5-50	36	64	28	50	50	30	RBH52、CBH52
CK6-5-75	36	64	28	50	75	55	
CK6-5-100	36	64	28	50	100	80	
CK6-5-125	36	64	28	50	125	105	
CK6-5-150	36	64	28	50	150	130	
CK6-5-200	36	64	28	50	200	180	
CK6-5-225	36	64	28	50	225	205	
CK7-4-50	58	88	22	39	50	32	RBH40、CBH40
CK7-4-75	58	88	22	39	75	55	
CK7-5-50	58	88	28	50	50	30	RBH52、CBH52
CK7-5-75	58	88	28	50	75	55	
CK7-5-100	58	88	28	50	100	80	
CK7-6-80	58	88	36	64	80	60	RBH68、RBH90 CBH68、CBH100
CK7-6-120	58	88	36	64	120	100	
CK7-6-80-S	58	85	36	64	80	60	
CK7-6-120-S	58	85	36	64	120	100	

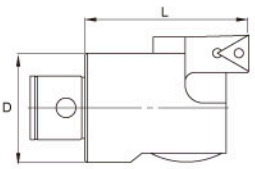




RBH 雙刃粗搪孔頭 ROUGH BORING HEAD/RBH

MODEL NO.	Boring Range	D	L	Tool Holder	Insert
RBH25	25-33	24	45	CK2	CCMT060204
RBH32	32-42	31	55	CK3	CCMT060204 TCMT110204
RBH40	40-55	39	65	CK4	CCMT09T304 TCMT16T304
RBH52	52-70	50	75	CK5	
RBH68	68-92	66	85	CK6	CCMT120408 TCMT16T304
RBH90	90-122	88	100	CK6	CCMT120408 TCMT220408
RBH120	120-164	100	95	CK7, BST	
RBH160	160-204	130	95	CK7, BST	
RBH200	200-300	-	95	CK7, BST	
RBH300	300-400	-	95	CK7, BST	

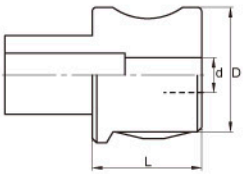




CBH 微調精搪孔頭 FINISH BORING HEAD/CBH

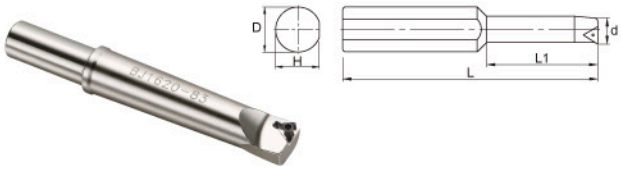
MODEL NO.	Boring Range	D	L	Tool Holder	Insert
CBH20	20-26	19	35	CK1	TB06..0602... TP08..0802... TC09..0902...
CBH25	25-33	24	40	CK2	
CBH32	32-42	31	40	CK3	
CBH40	40-55	39	50	CK4	
CBH52	52-75	50	60	CK5	TP08..0802... TP09..0902... TC11..1102...
CBH68	68-102	64	70	CK6	
CBH100	100-152	90	70	CK6, CK7, BST	
CBH150	150-202	140	70	CK6, CK7, BST	
CBH200	200-310	-	130	BST	





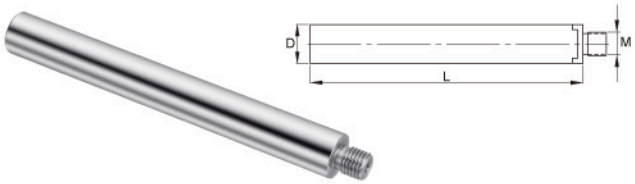
BJ小徑精搪頭 MICRO FINISH BORING HEAD/BJ

MODEL NO.	Boring Range	L	d	D	Feed(mm)	Each Graduate	Adapter
LBJ16	8-50	50	16	64	0-6	0.01(mm)	CK6



BJ16 小徑搪刀桿 BORING BAR/BJ16

MODEL NO.	D	H	d	L	L1	Boring Range	Tips No.	Screw	Wrench
BJ1606-28	16	15	6	73	28	6-9	TBGT0601…	M2.0	T6
BJ1608-32	16	15	8	80	33.5	8-11		M2.0	T6
BJ1610-40	16	15	10	86.5	41.8	10-13		M2.0	T6
BJ1612-53	16	15	12	98	55.2	12-15	TPGH0902…	M2.5	T8
BJ1614-60	16	15	12	103	60	14-17		M2.5	T8
BJ1616-68	16	15	16	110	70.8	16-21	TPGH1103…	M3.0	T10
BJ1620-83	16	15	20	125	85	20-26		M3.0	T10
BJ1625-90	16	15	25	128	90	25-31		M3.0	T10
BJ1630-90	16	15	30	128	90	30-36		M3.0	T10
BJ1635-90	16	15	35	128	90	35-41		M3.0	T10
BJ1640-90	16	15	40	128	90	40-46		M3.0	T10
BJ1645-90	16	15	45	128	90	45-51		M3.0	T10
BJ16x8pcs	附刀柄8支、木盒一只、扳手6只(不含刀片)								



鎢鋼柄搪刀桿 CARBIDE HOLDER

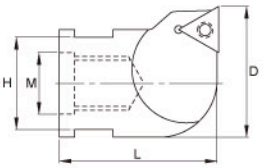
MODEL NO.	D	L	M	Boring Head	COLLET
SC08-M5-115	8	115	M5	BE09A、BE10.5A	EC1608
SC08-M5-135	8	135	M5		EC1608
SC10-M6-135	10	135	M6	BE12A	EC1610
SC10-M6-165	10	165	M6		EC1610
SC12-M6-135	12	135	M6	BE14A、BE16A	EC1612
SC12-M6-165	12	165	M6		EC1612
SC16-M10-130	16	130	M10	BE18A、BE20A、BE22A、BE24A、BE26A、BE28A、BE30A、BE32A、BE34A、BE36A、BE38A、BE40A、BE42A、BE44A、BE46A、BE48A、BE50A	-
SC16-M10-150	16	150	M10		-
SC16-M10-180	16	180	M10		-

BJ20 小徑搪刀桿 BORING BAR/BJ20

MODEL NO.	D	H	L	L1	Boring Range	Tips No.	Screw	Wrench
BJ2008-32	20	19	74	32	8-10	TB0601…	MS2005A	T6
BJ2010-40	20	19	75	40	10-12		MS2005A	T6
BJ2012-53	20	19	85	53	12-16	TP0902…	MS2006A	T6
BJ2016-68	20	19	100	68	16-20		MS2006A	T9
BJ2020-83	20	19	115	83	20-25	TP1103…	MS2008A	T9
BJ2025-96	20	19	135	40	25-30		MS2008A	T9
BJ2030-115	20	19	158	40	30-35		MS2008A	T9
BJ2020-L	20	19	97	8	-		MS2008A	T9
BJ20x8pcs	附刀柄8支、木盒一只、扳手6只(不含刀片)							

PS : 另有BJ18小徑搪刀桿可供選購。





搪孔頭 BORING HEAD

加工直徑 Ø9 ~ Ø52mm
Boring Diameter from Ø9~Ø52mm

MODEL NO.	D	H	L	M	Range	Insert	Screw	Wrench
BE09A	9	7	18	M5	9-10.5	TP...0802..	MS2205A	TF7
BE10.5A	10.5	7	18	M5	10.5-12			
BE12A	12	8	23	M6	12-14			
BE14A	14	10	23	M6	14-16	TP...0802..	MS2206A	TF7
BE16A	16	10	23	M6	16-18			
BE18A	18	14	27	M10	18-20			
BE20A	20	14	27	M10	20-22			
BE22A	22	14	27	M10	22-24			
BE24A	24	14	27	M10	24-26			
BE26A	26	14	27	M10	26-28			
BE28A	28	14	27	M10	28-30			
BE30A	30	14	27	M10	30-32			
BE32A	32	14	27	M10	32-34			
BE34A	34	14	27	M10	34-36			
BE36A	36	14	27	M10	36-38			
BE38A	38	14	27	M10	38-40			
BE40A	40	14	27	M10	40-42			
BE42A	42	14	27	M10	42-44			
BE44A	44	14	27	M10	44-46			
BE46A	46	14	27	M10	46-48			
BE48A	48	14	27	M10	48-50			
BE50A	50	14	27	M10	50-52			





鎢鋼柄轉換套筒 COLLET ADAPTER

MODEL NO.	D	d
EC1606	16	6
EC1608	16	8
EC1610	16	10
EC1612	16	12
EC1614	16	14

CBM 精密微調精搪頭與刀片座
MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER/CBM

特性說明

1.CBM精密微調精搪刀適用於精切削搪孔，搪孔範圍Ø18-Ø204mm均可搭配使用。
2.調整刻度每格調整尺寸為直徑0.002mm。
3.精密導程螺絲位於內部，不受切屑、磨耗、生鏽等影響，具有內部潤滑，精準耐用。
4.內藏式水孔，刀尖直接冷卻，刀片壽命長。
5.刀片座由齒形結合結構固定，切削穩定，加工範圍廣泛。
6.更換刀片座即可進行正向或反向搪孔加工。

FEATURES

1.CBM Micro adjustment boring head is suitable for fine boring.
2.The dial adjustment is each 0.002mm on diameter.
3.High precision internal lead screw with inner lubrication is free from the effects of chip, featuring high durability.
4.Coolant nozzle easily cools the insert elongating its working life.
5.The insert holder is fixed by toothed instruction, proving high stability and width working range.
6.Forward cutting or reverse cutting by exchange insert holder.



CBM55-SP55



CBM55-SA55



CBM100-SP100



CBM68-CB150-RCM100-SP100

正搪搪刀 FORWARD BORING

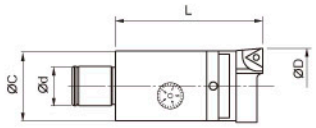


Fig.1

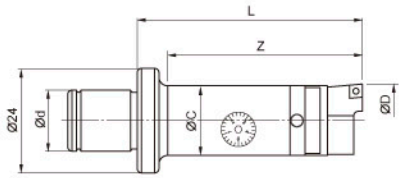


Fig.2

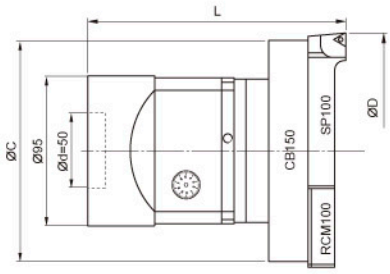


Fig.3

反搪搪刀 REVERSE BORING

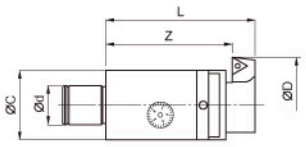


Fig.1

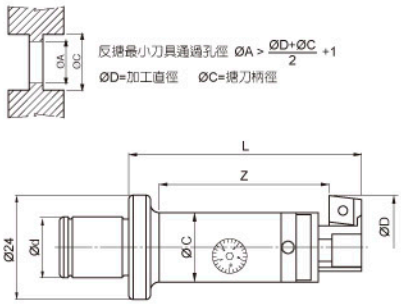


Fig.2

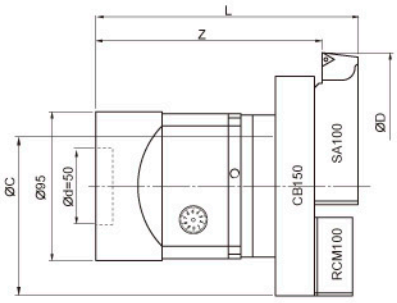
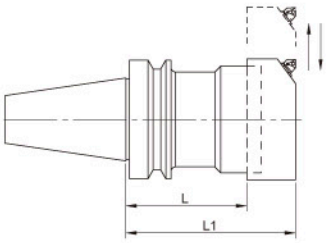
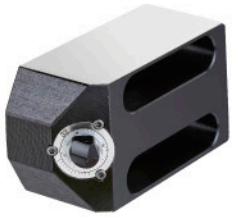


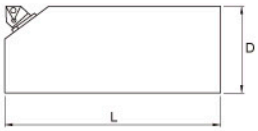
Fig.3

搪頭型號 MODEL NO.	樣式 Fig	接合型號 LBK No.	ØC	Ød	正搪 Forward Boring			反搪 Reverse Boring				刀片規格/螺絲/扳手 Insert/ Clamp Screw/ Wrench	重量 kg Weight
					刀片座 Insert Holder	搪孔範圍 Boring Ranges	搪頭長度 Length L	刀片座 Insert Holder	搪孔範圍 Boring Ranges	搪頭長度 Length L	有效長 Length Z		
CBM18A	2	LBK2	16	14	SP18	18-23	65/Z60	SA18	20-25	65	55	CC06 / M2.5 / T8	0.10
CBM18B	2	LBK2	16	14	SP18	18-23	90/Z85	SA18	20-25	90	80		0.14
CBM22	1	LBK1	20	11	SP22	22-29	40	SA22	24-32	40	30	CC06 / M2.5 / T8	0.09
CBM27	1	LBK2	25	14	SP27	27-40	50	SA27	31-41	50	40	TP09 / M2.5 / T8	0.17
CBM35	1	LBK3	32	18	SP35	35-50	65	SA35	38-52	65	50		0.36
CBM45	1	LBK4	40	22	SP45	45-65	80	SA45	50-65	80	70		0.71
CBM55	1	LBK5	50	28	SP55	55-80	85	SA55	60-84	85	60		1.04
					SP68	68-104	95	SA68	78-115	95	70		1.11
					SP100	100-154	95	SA100	110-164	95	70		1.22
CBM55	3	LBK5	140	28	CB150 RCM100 SP100	150-204	120	CB150 RCM100 SA100	160-214	120	95		2.13
CBM68	1	LBK6	63	36	SP68	68-104	100	SA68	78-115	100	75	CC09 / M4 / T15 TP09 / M2.5 / T8 TC11 / M2.5 / T8	2.00
					SP100	100-154		SA100	110-164				2.11
CBM68	3	LBK6	140	36	CB150 RCM100 SP100	150-204	125	CB150 RCM100 SA100	160-214	125	100		3.02
CBM100	1	BST	95	50	SP100	100-154	120	SA100	110-164	120	95		2.78
CBM100	3	BST	140	50	CB150 RCM100 SP100	150-204	145	CB150 RCM100 SA100	160-214	145	120		3.72









BLB 大口徑微調刀柄 LARGE SIZE MICRO BORING HOLDER/BLB

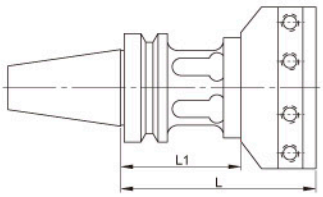
MODEL NO.	L	L1	Weight
BT50-BLB-105	105	150	7.53
BT50-BLB-125	125	170	8.32
BT50-BLB-150	150	195	8.95
* BT50-BLB-200	200	245	8.79
* BT50-BLB-250	250	295	10.32
* BT50-BLB-300	300	345	11.76
* BT50-BLB-350	350	395	12.98

*：為減重設計。

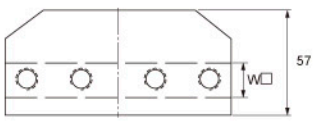
BLB 刀盤 BORING BLOCK/BLB

MODEL NO.	Min-Max	D	L	Boring Head
BLB-90	100-150	45	90	L148C-32
BLB-95	105-155	45	95	
BLB-100	110-160	45	100	
BLB-125	140-200	45	125	
BLB-150	170-250	45	150	
BLB-175	190-275	45	175	
BLB-200	220-320	45	200	
BLB-250	270-370	45	250	
BLB-300	320-420	45	300	









BST 大口徑粗搪孔刀 LARGE SIZE BORING HOLDER/BST

MODEL NO.	L1	L	Weight
BT40-BST-75	75	132	2
BT50-BST-105	105	157	5.3
BT50-BST-125	125	182	6
BT50-BST-150	150	207	6.6
BT50-BST-200	200	257	8
* BT50-BST-250	250	307	9.8
* BT50-BST-300	300	357	11
* BT50-BST-350	350	407	12.9
* BT50-BST-400	400	457	13.5

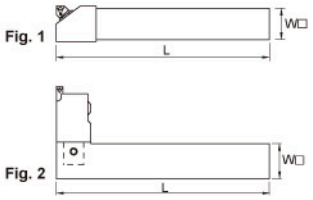
*:為減重設計。

BST 刀盤 BORING BLOCK/BST

MODEL NO.	Min-Max	W□
BST-100	120-170	19、25
BST-125	150-200	
BST-150	170-250	
BST-200	220-300	
BST-250	270-350	
BST-300	320-450	
BST-350	370-500	
BST-400	450-600	

PS：刀盤有鋼製及鋁合金材質可選擇。







BSS 微調搪孔刀柄 MICRO BORING BAR/BSS

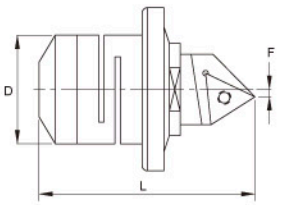
MODEL NO.	Fig	W□	L	Applicable Angle	Boring Head
BSS-16MM-85	1	16	85	90°	L148C-31
BSS-16MM-100	1	16	100	90°	
BSS-16MM-150	1	16	150	30°, 45°, 90°	
BSS-16MM-200	1	16	200	30°, 45°, 90°	
BSS-19MM-150	1	19	150	30°, 45°, 90°	
BSS-19MM-200	1	19	200	30°, 45°, 90°	
BSS-25MM-150	1	25	150	45°, 90°	
BSS-25MM-200	1	25	200	45°, 90°	
BSS-19MM-CK1-150	2	19	150	-	CBH20
BSS-25MM-CK1-150	2	25	150	-	
BSS-25MM-CK1-200	2	25	200	-	
BSS-25MM-CK2-150	2	25	150	-	RBH25, CBH25
BSS-25MM-CK2-200	2	25	200	-	

鎢鋼柄刀桿 CARBIDE HOLDER

MODEL NO.	D	L	d	G
W10-M5-100	10	100	5.5	M5xP0.8
W10-M5-130	10	130	5.5	
W10-M5-150	10	150	5.5	
W12-M6-100	12	100	6.5	M6xP1.0
W12-M6-125	12	125	6.5	
W12-M6-150	12	150	6.5	
W16-M8-100	16	100	8.5	M8xP1.25
W16-M8-130	16	130	8.5	
W16-M8-150	16	150	8.5	
W16-M8-200	16	200	8.5	
W19-M10-150	19	150	10.5	M10xP1.5
W19-M10-200	19	200	10.5	
W20-M10-150	20	150	10.5	
W20-M10-200	20	200	10.5	
W20-M10-250	20	250	10.5	
W24-M12-150	24	150	12.5	M12xP1.75
W24-M12-200	24	200	12.5	
W24-M12-250	24	250	12.5	
W25-M12-150	25	150	12.5	
W25-M12-200	25	200	12.5	
W25-M12-250	25	250	12.5	
W25-M12-300	25	300	12.5	
W32-M16-200	32	200	17	M16xP2.0
W32-M16-250	32	250	17	
W32-M16-300	32	300	17	

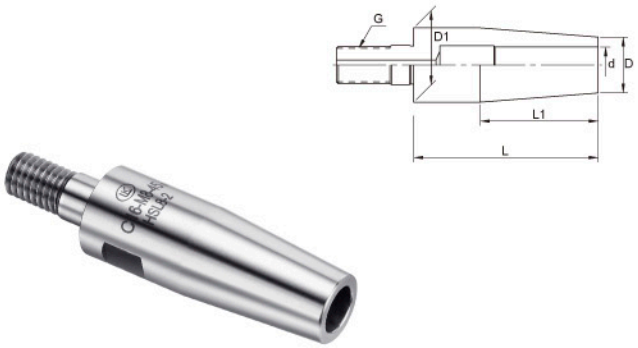
PS：鎢鋼刀桿應用於各式夾具，如直筒夾、彈性筒夾、燒結刀桿、側固刀桿。

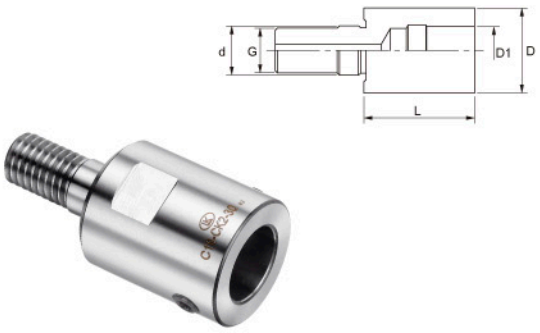




精搪頭 FINE BORING HEAD

MODEL NO.	D	L	F	D min	Screw	Insert
L148C-31-0602	16	15.5	0.2	24.8	5513-020-03	CCMT060204
L148C-32-0902	20	33.7	0.9	32.5	5513-020-05	TCMT090204
L148C-33-1102	22	45.3	1.1	42.0	5513-020-03	TCMT110204
L148C-34-16T3	32	62.3	1.2	59.4	5513-020-10	TCMT16T304





HSL 鎢鋼柄燒結轉接桿 CARBIDE HOLDER ADAPTER FOR SHRINK FIT

MODEL NO.	L	L1	d	D	D1	G
C12-HSL08-35	35	35	8	12	12	M6xP1.0
C16-HSL04-50	50	33	4	8	16	M8xP1.25
C16-HSL06-43	43	34	6	10	16	
C16-HSL08-35	35	35	8	16	16	
C16-HSL08-45	45	25	8	12	16	
C16-HSL08-45-1	45	38	8	12	16	
C16-HSL08-45-3	45	45	8	16	16	
C16-HSL10-35	35	35	10	16	16	
C16-HSL10-45	45	45	10	16	16	
C20-HSL06-50	50	32	6	15	20	M10xP1.5
C20-HSL10-40	40	25	10	16	20	
C20-HSL10-50	50	32	10	15	20	
C20-HSL12-50	50	15	12	18	20	
C25-HSL08-50	50	30	8	22	25	M12xP1.75
C25-HSL10-70	70	67	10	16	25	
C25-HSL12-50	50	42	12	18	25	
C25-HSL16-50	50	30	16	22	25	
C25-HSL16-70	70	67	16	22	25	
C32-HSL16-50	50	32	16	27	32	M16xP2.0
C32-HSL16-65	65	32	16	27	32	

CK 鎢鋼柄搪孔轉接桿 CARBIDE HOLDER ADAPTER FOR BORING

MODEL NO.	D	L	d	D1	G
C19-CK1-20	19	20	10.5	11(CK1)	M10xP1.5
C19-CK2-30	19	30	10.5	14(CK2)	
C24-CK2-30	24	30	12.5	14(CK2)	M12xP1.75
C24-CK2-60	24	60	12.5	14(CK2)	
C32-CK3-30	31	30	17	18(CK3)	M16xP2.0
C32-CK3-45	31	45	17	18(CK3)	
C32-CK3-60	31	60	17	18(CK3)	


P42-Adapter


P43-Boring Head



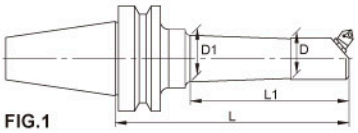


FIG.1

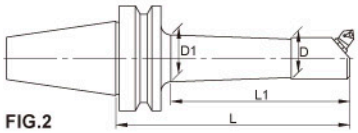


FIG.2

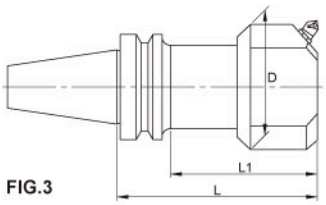


FIG.3

BCS 微調搪孔刀柄

MODEL NO.	Fig	Min-Max	D	D1	L	L1	Boring Head
BT40-BCS25-150	2	25-28	23.5	25	150	115	
BT40-BCS30-150	2	30-33	27	30	150	115	L148C-31
BT40-BCS30-180	1	30-33	27	30	180	135	
BT40-BCS34-150	2	34-39	31	34	150	115	
BT40-BCS34-180	2	34-39	31	34	180	145	L148C-32
BT40-BCS38-150	2	38-43	34	38	150	115	
BT40-BCS38-180	2	38-43	34	38	180	145	
BT40-BCS44-150	2	44-52.5	41	43	150	120	
BT40-BCS44-180	2	44-52.5	41	43	180	150	
BT40-BCS44-210	2	44-52.5	41	43	210	180	
BT40-BCS52-180	2	52-61.5	46	50	180	150	L148C-33
BT40-BCS52-210	2	52-61.5	46	50	210	180	
BT40-BCS61-150	2	61-70.5	55	55	150	120	
BT40-BCS61-180	2	61-70.5	55	58	180	155	
BT40-BCS70-150	3	70-86	60	-	150	125	
BT40-BCS70-180	3	70-86	60	-	180	155	L148C-34
BT40-BCS70-210	3	70-86	60	-	210	185	
BT40-BCS85-210	3	85-101	75	-	210	180	


P48-Fine Boring Head

MICRO FINISH BORING HOLDER

MODEL NO.	Fig	Min-Max	D	D1	L	L1	Boring Head
BT50-BCS25-150	2	25-28	23.5	25	150	100	
BT50-BCS27-180	2	27-30	25	27	180	130	
BT50-BCS27-210	2	27-30	25	27	210	160	
BT50-BCS30-165	2	30-33	27	30	165	115	L148C-31
BT50-BCS30-180	2	30-33	27	30	180	130	
BT50-BCS30-210	1	30-33	27	30	210	140	
BT50-BCS30-240	1	30-33	27	30	240	140	
BT50-BCS34-165	2	34-39	30	34	165	130	
BT50-BCS34-180	2	34-39	30	34	180	130	L148C-32
BT50-BCS34-210	1	34-39	30	34	210	160	
BT50-BCS38-165	2	38-43	34	37	165	115	
BT50-BCS44-165	2	44-52.5	41	43	165	120	
BT50-BCS44-180	2	44-52.5	41	43.5	180	130	
BT50-BCS44-210	2	44-52.5	41	43.5	210	160	
BT50-BCS44-240	2	44-52.5	41	43.5	240	190	
BT50-BCS44-280	2	44-52.5	41	43.5	280	230	
BT50-BCS52-180	2	52-61.5	46	51	180	130	
BT50-BCS52-210	2	52-61.5	46	51	210	160	
BT50-BCS52-240	2	52-61.5	46	51	240	190	L148C-33
BT50-BCS52-280	2	52-61.5	46	51	280	230	
BT50-BCS61-180	2	61-70.5	55	58	180	135	
BT50-BCS61-210	2	61-70.5	55	58	210	165	
BT50-BCS61-240	2	61-70.5	55	60	240	190	
BT50-BCS61-280	2	61-70.5	55	60	280	230	
BT50-BCS61-330	2	61-70.5	55	61	330	275	
BT50-BCS70-180	2	70-86	60	68	180	135	
BT50-BCS70-210	2	70-86	60	66	210	165	
BT50-BCS70-240	2	70-86	60	66	240	195	
BT50-BCS70-280	2	70-86	60	69	280	230	
BT50-BCS85-180	3	85-101	75	-	180	140	L148C-34
BT50-BCS85-240	3	85-101	75	-	240	195	
BT50-BCS85-280	3	85-101	75	-	280	240	
*BT50-BCS100-280	3	100-116	90	-	280	240	
*BT50-BCS100-350	3	100-116	90	-	350	310	

*:為減重設計。



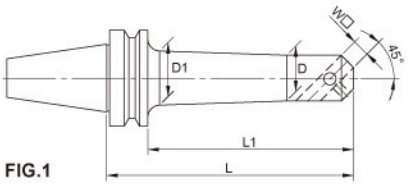


FIG.1

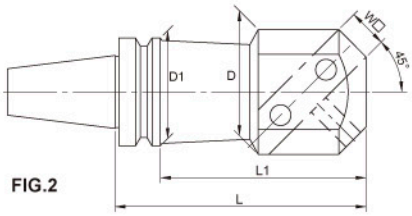


FIG.2

BSA 粗搪孔刀柄

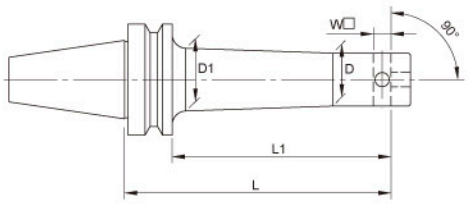
MODEL NO.	Fig	Min-Max	D	D1	L	L1	W□
BT40-BSA25-150	1	25-38	20	24	150	123	8
BT40-BSA30-150	1	30-42	24	28	150	123	8
BT40-BSA38-135	1	38-52	30	36	135	108	10
BT40-BSA38-165	1	38-52	30	36	165	138	10
BT40-BSA42-135	1	42-56	34	38	135	108	10
BT40-BSA42-165	1	42-56	34	38	165	138	10
BT40-BSA50-135	1	50-65	40	48	135	108	13
BT40-BSA50-165	1	50-65	40	48	165	138	13
BT40-BSA62-135	1	62-90	50	58	135	108	16
BT40-BSA72-120	1	72-110	60	59	120	93	19
BT40-BSA72-135	1	72-110	60	59	135	108	19
BT40-BSA72-165	1	72-110	60	59	165	138	19
BT40-BSA90-120	2	90-125	75	62	120	93	19
BT40-BSA90-135	2	90-125	75	62	135	108	19

45° BORING HOLDER A TYPE/BSA

MODEL NO.	Fig	Min-Max	D	D1	L	L1	W□
BT50-BSA25-135	1	25-38	20	24	135	97	8
BT50-BSA25-165	1	25-38	20	24	165	127	8
BT50-BSA30-165	1	30-42	24	28	165	127	8
BT50-BSA30-210	1	30-42	24	28	210	172	8
BT50-BSA38-180	1	38-52	30	36	180	142	10
BT50-BSA38-210	1	38-52	30	36	210	172	10
BT50-BSA42-210	1	42-56	34	38	210	172	10
BT50-BSA42-240	1	42-56	34	38	240	202	10
BT50-BSA50-180	1	50-65	40	48	180	142	13
BT50-BSA50-280	1	50-65	40	48	280	242	13
BT50-BSA62-195	1	62-90	50	58	195	157	16
BT50-BSA62-240	1	62-90	50	58	240	202	16
BT50-BSA62-270	1	62-90	50	58	270	232	16
BT50-BSA62-300	1	62-90	50	58	300	262	16
BT50-BSA62-350	1	62-90	50	58	350	312	16
BT50-BSA72-195	1	72-110	60	68	195	157	19
BT50-BSA72-285	1	72-110	60	68	285	247	19
BT50-BSA72-320	1	72-110	60	68	320	282	19
BT50-BSA72-350	1	72-110	60	68	350	312	19
BT50-BSA90-210	2	90-125	74	70	210	172	19
BT50-BSA90-240	2	90-125	74	70	240	202	19
*BT50-BSA90-300	2	90-125	74	70	300	262	19
*BT50-BSA90-350	2	90-125	74	70	350	312	19
*BT50-BSA95-250	2	95-160	80	78	250	207	19
*BT50-BSA95-300	2	95-160	80	78	300	257	19
BT50-BSA105-195	2	105-160	90	76	195	157	19
*BT50-BSA105-240	2	105-160	90	76	240	202	19
*BT50-BSA105-250	2	105-160	90	76	250	212	19
*BT50-BSA105-285	2	105-160	90	76	285	247	19
*BT50-BSA105-300	2	105-160	90	76	300	262	19
*BT50-BSA105-350	2	105-160	90	76	350	312	19
*BT50-BSA105-400	2	105-160	90	76	400	362	19

*:為減重設計。





BSB 粗搪孔刀柄

MODEL NO.	Min-Max	D	D1	L	L1	W□
BT40-BSB25-150	25-38	20	24	150	123	8
BT40-BSB30-150	30-42	24	28	150	123	8
BT40-BSB30-165	30-42	24	28	165	138	8
BT40-BSB38-135	38-52	30	36	135	108	10
BT40-BSB38-165	38-52	30	36	165	138	10
BT40-BSB42-135	42-56	34	40	135	108	10
BT40-BSB42-165	42-56	34	40	165	138	10
BT40-BSB50-135	50-65	40	48	135	108	13
BT40-BSB50-165	50-65	40	48	165	138	13
BT40-BSB62-135	62-90	50	58	135	108	16
BT40-BSB62-165	62-90	50	58	165	138	16
BT40-BSB72-135	72-110	60	68	135	108	19
BT40-BSB72-165	72-110	60	68	165	138	19
BT40-BSB90-120	90-125	75	-	120	93	19
BT40-BSB90-135	90-125	75	-	135	108	19
BT40-BSB90-165	90-125	75	-	165	138	19

90° BORING HOLDER B TYPE/BSB

MODEL NO.	Min-Max	D	D1	L	L1	W□
BT50-BSB25-165	25-38	20	24	165	127	8
BT50-BSB30-165	30-42	24	28	165	127	8
BT50-BSB30-210	30-42	24	28	210	172	8
BT50-BSB38-180	38-52	30	36	180	142	10
BT50-BSB38-210	38-52	30	36	210	172	10
BT50-BSB38-240	38-52	30	36	240	202	10
BT50-BSB42-210	42-56	34	40	210	172	10
BT50-BSB42-240	42-56	34	40	240	202	10
BT50-BSB42-280	42-56	34	40	280	242	10
BT50-BSB50-180	50-65	40	48	180	142	13
BT50-BSB50-240	50-65	40	48	240	202	13
BT50-BSB50-280	50-65	40	48	280	242	13
BT50-BSB50-320	50-65	40	48	320	282	13
BT50-BSB62-195	62-90	50	58	195	157	16
BT50-BSB62-240	62-90	50	58	240	202	16
BT50-BSB62-270	62-90	50	58	270	232	16
BT50-BSB62-320	62-90	50	58	320	282	16
BT50-BSB72-195	72-110	60	68	195	157	19
BT50-BSB72-240	72-110	60	68	240	202	19
BT50-BSB72-285	72-110	60	68	285	247	19
BT50-BSB72-320	72-110	60	68	320	282	19
BT50-BSB90-210	90-125	74	-	210	172	19
BT50-BSB90-240	90-125	74	-	240	202	19
*BT50-BSB90-300	90-125	74	-	300	262	19
*BT50-BSB90-350	90-125	74	-	350	312	19
*BT50-BSB105-240	105-160	90	-	240	202	19
*BT50-BSB105-285	105-160	90	-	285	247	19
*BT50-BSB105-300	105-160	90	-	300	262	19

*:為減重設計。



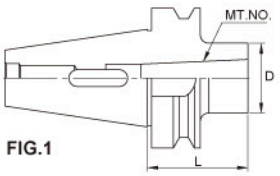


FIG.1

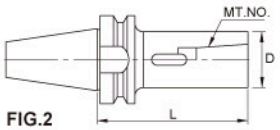
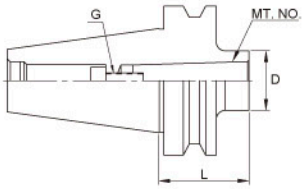


FIG.2





MTA 斜柄鑽頭套筒刀柄 MORSE TAPER HOLDER A TYPE

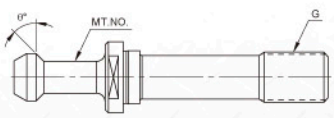
MODEL NO.	Fig	D	L	MT.NO.
BT30-MTA1-45	1	25	45	MTA1
BT30-MTA2-60	1	32	60	MTA2
BT30-MTA3-80	1	40	80	MTA3
BT40-MTA1-45	1	25	45	MTA1
BT40-MTA1-120	2	25	120	
BT40-MTA1-180	2	25	180	
BT40-MTA2-45	1	32	45	MTA2
BT40-MTA2-120	2	32	120	
BT40-MTA2-180	2	32	180	
BT40-MTA3-75	1	40	75	MTA3
BT40-MTA3-135	2	40	135	
BT40-MTA3-180	2	40	180	
BT40-MTA4-90	1	50	90	MTA4
BT40-MTA4-165	2	50	165	
BT50-MTA1-45	1	25	45	MTA1
BT50-MTA1-120	2	25	120	
BT50-MTA1-180	2	25	180	
BT50-MTA2-45	1	32	45	MTA2
BT50-MTA2-135	2	32	135	
BT50-MTA2-180	2	32	180	
BT50-MTA3-60	1	40	60	MTA3
BT50-MTA3-150	2	40	150	
BT50-MTA3-180	2	40	180	
BT50-MTA4-75	1	50	75	MTA4
BT50-MTA4-180	2	50	180	
BT50-MTA5-105	1	65	105	MTA5
BT50-MTA5-210	2	65	210	

MTB 斜柄鑽頭套筒刀柄 MORSE TAPER HOLDER B TYPE

MODEL NO.	D	L	G	MT.NO.
BT40-MTB1-45	25	45	M6	MTB1
BT40-MTB2-45	32	45	M10	MTB2
BT40-MTB2-120	32	120	M10	
BT40-MTB2-180	32	180	M10	
BT40-MTB3-75	40	75	M12	MTB3
BT40-MTB3-135	40	135	M12	
BT40-MTB3-180	40	180	M12	
BT40-MTB4-90	50	90	M16	MTB4
BT50-MTB1-45	25	45	M6	MTB1
BT50-MTB1-105	25	105	M6	
BT50-MTB2-45	32	45	M10	MTB2
BT50-MTB2-135	32	135	M10	
BT50-MTB3-60	40	60	M12	MTB3
BT50-MTB3-135	40	135	M12	
BT50-MTB3-150	40	150	M12	
BT50-MTB3-180	40	180	M12	
BT50-MTB4-75	50	75	M16	MTB4
BT50-MTB4-150	50	150	M16	
BT50-MTB4-180	50	180	M16	
BT50-MTB5-105	65	105	M20	MTB5

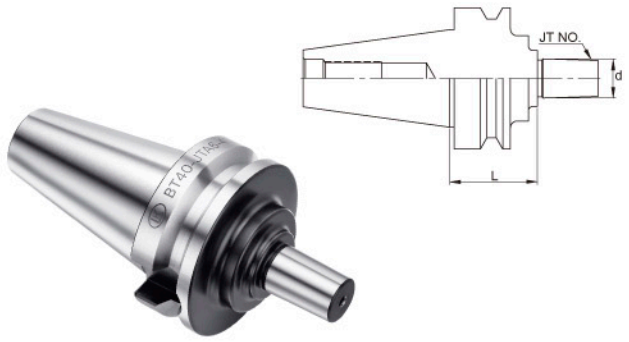
1.BT40-MTB4不附螺絲，需使用指定拉桿。
2.其它刀柄皆內附螺絲。





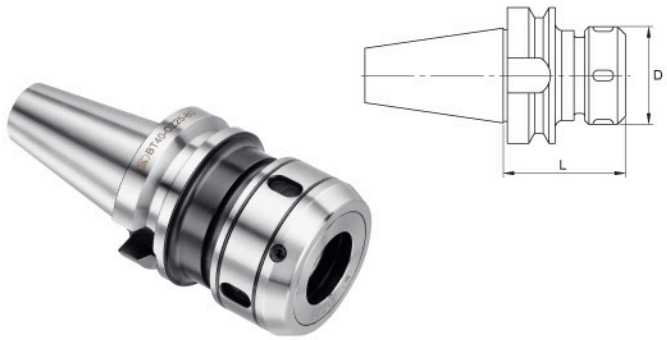
MTB 專用拉頭 MTB PULL STUD

MODEL NO.	MT.NO.	G	θ°
BT40-45°-MTB4	MTB4	M16xP2.0	45°
JIS-B6339-40PA-MTB4	MTB4	M16xP2.0	-



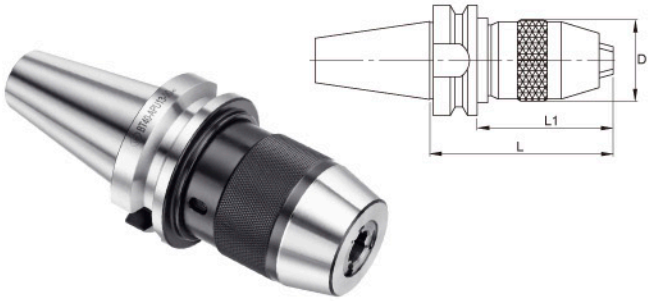
JTA 斜柄鑽帽心軸 DRILL CHUCK HOLDER/JTA

MODEL NO.	JT.NO.	L	d
BT30-JTA1-45	JTA1	45	9.754
BT30-JTA6-45	JTA6	45	17.17
BT40-JTA6-45	JTA6	45	17.17
BT40-JTA6-90	JTA6	90	17.17
BT50-JTA6-45	JTA6	45	17.17
BT50-JTA6-105	JTA6	105	17.17



OZ 立銑刀夾頭 COLLET CHUCK/OZ

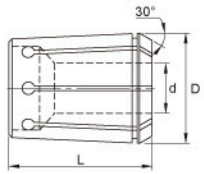
MODEL NO.	Clamping Range	L	D	Collet
BT30-OZ25-70	3-25	70	60	OZ25
BT40-OZ25-80	3-25	80	60	OZ25
BT40-OZ32-85	6-32	85	72	OZ32
BT50-OZ25-90	3-25	90	60	OZ25
BT50-OZ32-100	6-32	100	72	OZ32



APU一體式鑽頭夾頭刀柄 DRILL CHUCK HOLDER/APU

MODEL NO.	Clamping Range	D	L	L1
BT30-APU08-90	0.3-8	37.5	90	68
BT30-APU13-105	1-13	50.5	105	83
BT40-APU08-90	0.3-8	37.5	90	63
BT40-APU13-90	1-13	50.5	90	63
BT40-APU13-105	1-13	50.5	105	78
BT40-APU13-130	1-13	50.5	130	103
BT40-APU16-115	3-16	57	115	88
BT40-APK13-110	1-13	55	110	83
BT40-APK16-120	3-16	62	120	93
BT50-APU08-100	0.3-8	37.5	100	62
BT50-APU13-125	1-13	50.5	125	87
BT50-APU13-185	1-13	50.5	185	147
BT50-APU16-135	3-16	57	135	98
BT50-APU16-185	3-16	57	185	148

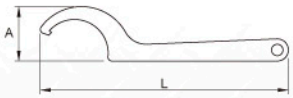




OZ 筒夾 OZ COLLET

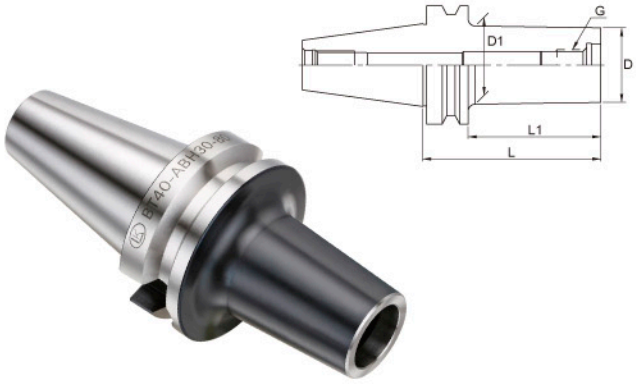
MODEL NO.	D	L	d
OZ25	25.5	52	3、4、5、6、7、8、9、10、11、12、13、14、15、16、17、18、19、20、21、22、23、24、25
OZ32	44	60	6、8、10、12、16、20、25、32





OZ 扳手 OZ WRENCH

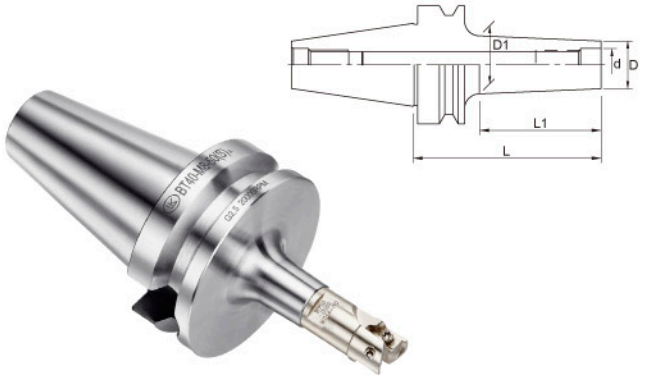
MODEL NO.	L	A
OZ25	260	47
OZ32	280	57



ABH 微調搪孔刀柄 MICRO BORING HOLDER/ABH

MODEL NO.	Min-Max	L	L1	D	D1	G
BT40-ABH18-60	22-32	60	32	18	24	M10xP1.5
BT40-ABH18-100	22-32	100	72	18	24	
BT40-ABH23-80	28-46	80	52	23	29	M12xP1.75
BT40-ABH23-120	28-46	120	92	23	29	
BT40-ABH30-80	36-60	80	52	30	36	M16xP2.0
BT40-ABH30-120	36-60	120	92	30	36	
BT40-ABH40-80	46-80	80	52	40	46	M18xP2.5
BT40-ABH40-120	46-80	120	92	40	46	
BT40-ABH63-80	70-130	80	52	63	-	M25xP2.0
BT40-ABH63-120	70-130	120	92	63	-	
BT50-ABH18-60	22-32	60	32	18	24	M10xP1.5
BT50-ABH18-100	22-32	100	63	18	24	
BT50-ABH23-80	28-46	80	42	23	29	M12xP1.75
BT50-ABH23-120	28-46	120	82	23	29	
BT50-ABH30-80	36-60	80	42	30	36	M16xP2.0
BT50-ABH30-120	36-60	120	82	30	36	
BT50-ABH40-80	46-80	80	42	40	46	M18xP2.5
BT50-ABH40-120	46-80	120	82	40	46	
BT50-ABH40-150	46-80	150	112	40	48	
BT50-ABH40-200	46-80	200	162	40	48	
BT50-ABH40-250	46-80	250	212	40	46	
BT50-ABH63-80	70-130	80	42	63	66	M25xP2.0
BT50-ABH63-120	70-130	120	82	63	66	
BT50-ABH63-150	70-130	150	112	63	66	
BT50-ABH63-200	70-130	200	162	63	66	
BT50-ABH63-250	70-130	250	212	63	66	
* BT50-ABH83-250	90-160	250	212	83	86	-
* BT50-ABH83-300	90-160	300	262	83	86	

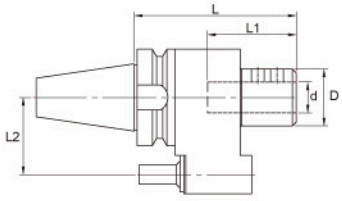
*:為減重設計。



鎖牙式刀桿 SCREWED END MILL HOLDER

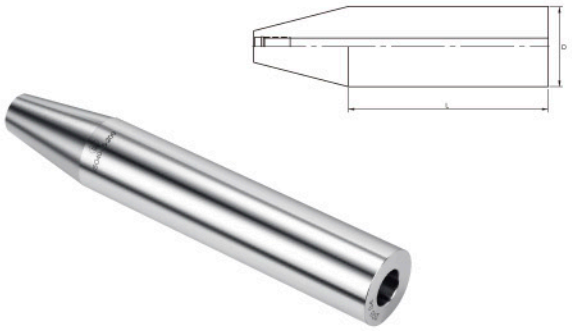
MODEL NO.	L	L1	d	D	D1	G
BT30-M10-45	45	16	10.5	19.5	-	M10
BT30-M12-50	50	23	12.5	24	-	M12
BT40-M8-50	50	15	8.5	17	18	M8
BT40-M8-50-S	50	15	8.5	15	16	
BT40-M8-60	60	25	8.5	17	18	
BT40-M8-60-S	60	25	8.5	15	16	
BT40-M8-80	80	45	8.5	17	18	
BT40-M8-80-S	80	45	8.5	15	16	
BT40-M8-100	100	65	8.5	17	18	
BT40-M8-100-S	100	65	8.5	15	16	
BT40-M10-60	60	25	10.5	19	23	M10
BT40-M10-60-S	60	23	10.5	18	19	
BT40-M10-80	80	43	10.5	19	24	
BT40-M10-80-S	80	45	10.5	19	23	
BT40-M10-100	100	63	10.5	19	24	
BT40-M10-100-S	100	63	10.5	19	23	
BT40-M12-50	50	15	12.5	23	-	M12
BT40-M12-60	60	25	12.5	23	24.5	
BT40-M12-80	80	43	12.5	23	24.5	
BT40-M12-80-H	80	43	12.5	23	29	
BT40-M12-100	100	63	12.5	23	24.5	
BT40-M16-60	60	25	17	31	31.5	M16
BT40-M16-80	80	45	17	31	31.5	
BT40-M16-80-M	80	45	17	32	34.5	
BT40-M16-100	100	65	17	31	36	
BT40-M16-100-M	100	65	17	32	34.5	
BT40-M16-100-S	100	65	17	29	34	
BT40-M16-120	120	88	17	31	39	
BT50-M10-100	100	50	10.5	19	24	M10
BT50-M10-100-S	100	50	10.5	18	20	
BT50-M12-100	100	47	12.5	23	24.5	M12
BT50-M12-125	125	77	12.5	24	32	
BT50-M12-125-S	125	77	12.5	23	24.5	
BT50-M16-100	100	52	17	31	34	M16
BT50-M16-125	125	77	17	31	34.5	
BT50-M16-150	150	102	17	31	40	
BT50-M16-150-S	150	102	17	31	34.5	











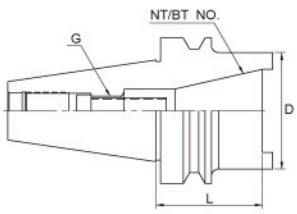
OSL油路刀把 EXTERNAL COOLANT INDUCER/OSL

MODEL NO.	d	D	L	L1	L2
BT30-OLT16-120	LT16	46	120	-	55
BT30-OLT16-135	LT16	46	135	-	55
BT30-OLT25-130	LT25	58	130	-	55
BT40-OSL20-165	20	50	165	50	65
BT40-OSL25-165	25	50	165	56	65
BT40-OSL32-165	32	50	165	60	65
BT50-OSL16-165	16	48	165	48	80
BT50-OSL20-165	20	48	165	50	80
BT50-OSL25-165	25	55	165	56	80
BT50-OSL32-165	32	60	165	60	80
BT50-OSL40(B)-170	40	90	170	70	80
BT40-OLR32-150	LR32	50	150	-	65
BT50-OLR32-160	LR32	50	160	-	80
BT50-OLT16-165	LT16	46	165	-	80
BT50-OLT25-160	LT25	58	160	-	80
BT50-OLT32-165	LT32	68	165	-	80

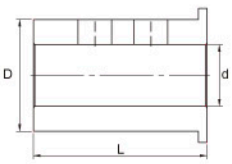
測試棒 TEST BAR

MODEL NO.	D	L	Roundness 真圓度	Concentricity 同心度
ISO30-32-150	32	150	<0.0015	<0.003
ISO30-32-200	32	200	<0.0015	<0.003
ISO30-32-250	32	250	<0.002	<0.004
ISO30-32-300	32	300	<0.002	<0.004
ISO40-45-150	45	150	<0.0015	<0.003
ISO40-45-200	45	200	<0.0015	<0.003
ISO40-45-250	45	250	<0.002	<0.004
ISO40-45-300	45	300	<0.002	<0.004
ISO40-45-350	45	350	<0.002	<0.005
ISO50-60-200	60	200	<0.0015	<0.003
ISO50-60-250	60	250	<0.002	<0.004
ISO50-60-300	60	300	<0.002	<0.004
ISO50-50-350	50	350	<0.002	<0.005
ISO50-60-400	60	400	<0.002	<0.005







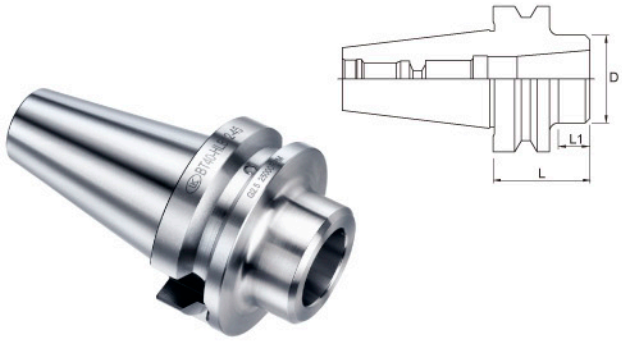


TSA 異徑套筒 ADAPTER/TSA

MODEL NO.	D	L	G
BT50-TSA-BT30-60	65	60	M12
BT50-TSA-BT40-75	80	75	M16
BT50-TSA-SK40-75	80	75	M16
BT50-TSA-NT40-75-U	80	75	W5/8
BT50-TSA-NT40-75-M	80	75	M16
NT50-TSA-NT40-45-U	80	45	W5/8

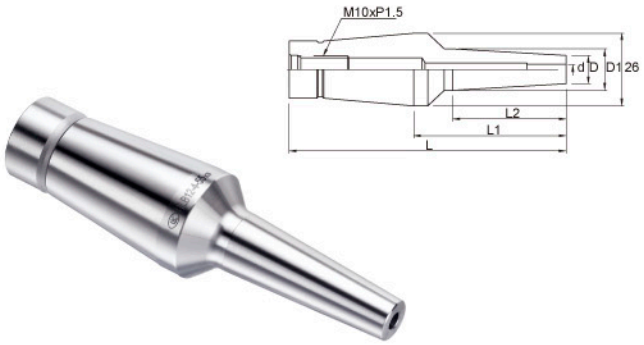
OSL套筒 STRAIGHT SLEEVE/OSL

MODEL NO.	d	D	L
OSL32-10	10	32	60
OSL32-12	12	32	60
OSL32-16	16	32	60
OSL32-20	20	32	60
OSL32-25	25	32	60
OSL40-20	20	40	65
OSL40-25	25	40	65
OSL40-32	32	40	65



HLB 後拉式燒結刀桿 PULL BACK SHRINK FIT CHUCK / HLB

MODEL NO.	L	L1	D	Collet
BT40-HLB12	45	14	39	HLB12



HLB 筒夾 COLLET / HLB

MODEL NO.	d	D	D1	L	L1	L2
HLB12-4-35	4	10	12	80	35	21
HLB12-4-55	4	10	15	100	55	41
HLB12-6-35	6	12	14	80	35	21
HLB12-6-55	6	12	17	100	55	41
HLB12-8-35	8	14	16	80	35	21
HLB12-8-55	8	14	19	100	55	41
HLB12-10-35	10	16	18	80	35	21
HLB12-10-55	10	16	21	100	55	41

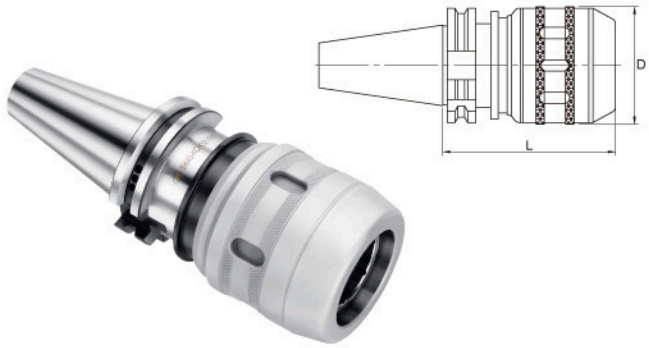
LI KANG INDUSTRY CO., LTD

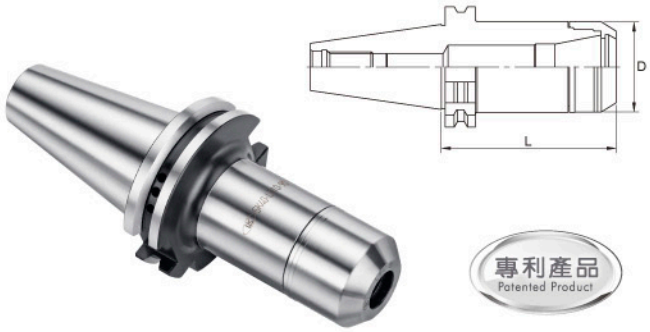
Professional, Precise, Durable 專業、精密、耐用



SK
DIN69871

Series 系列產品





KCH強力型精密銑刀夾頭 POWER GRIP MILLING CHUCK/KCH

MODEL NO.	Clamping Range	L	D	Collet
SK40-KCH16-90	4-16	90	42	C16
SK40-KCH20-80	6-20	80	52	C20
SK40-KCH20-90	6-20	90	52	
SK40-KCH20-105	6-20	105	52	
SK40-KCH25-90	6-25	90	60	C25
SK40-KCH25-105	6-25	105	60	
SK40-KCH32-105	4-32	105	68	C32
SK40-KCH32-135	4-32	135	68	
SK50-KCH16-105	4-16	105	42	C16
SK50-KCH20-105	6-20	105	52	C20
SK50-KCH20-135	6-20	135	52	
SK50-KCH20-165	6-20	165	52	
SK50-KCH20-200	6-20	200	52	
SK50-KCH25-105	6-25	105	60	C25
SK50-KCH25-135	6-25	135	60	
SK50-KCH25-165	6-25	165	60	
SK50-KCH25-200	6-25	200	60	
SK50-KCH32-105	4-32	105	68	C32
SK50-KCH32-135	4-32	135	68	
SK50-KCH32-165	4-32	165	68	
SK50-KCH32-200	4-32	200	68	
SK50-KCH42-105	6-42	105	87	C42


P3-KCH Wrench


P3-Collet

LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	L	Collet
SK40-LT06-90	2-6	20	90	LT06
SK40-LT10-90	2-10.3	35	90	LT10
SK40-LT10-100	2-10.3	35	100	
SK40-LT10-125	2-10.3	35	125	
SK40-LT10-150	2-10.3	35	150	
SK40-LT16-90	3-16	46	90	LT16
SK40-LT16-100	3-16	46	100	
SK40-LT16-125	3-16	46	125	
SK40-LT16-150	3-16	46	150	
SK40-LT20-150	4-20	50	150	LT20
SK40-LT25-90	4-25	58	90	LT25
SK40-LT25-150	4-25	58	150	
SK40-LT25-200	4-25	58	200	
SK50-LT06-100	2-6	20	100	LT06
SK50-LT10-100	2-10.3	35	100	LT10
SK50-LT10-150	2-10.3	35	150	
SK50-LT10-200	2-10.3	35	200	
SK50-LT16-100	3-16	46	100	LT16
SK50-LT16-150	3-16	46	150	
SK50-LT16-200	3-16	46	200	
SK50-LT25-100	4-25	58	100	LT25
SK50-LT25-150	4-25	58	150	
SK50-LT25-200	4-25	58	200	

PS: LT10有勾型螺帽及軸承型螺帽可選用。


P7-LT Wrench


P7-LT Nut


P8-LT Collet



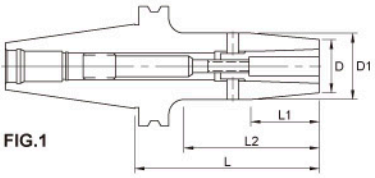


FIG.1

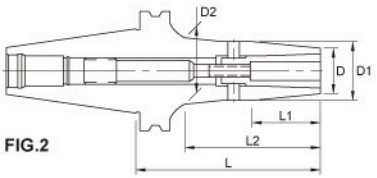


FIG.2

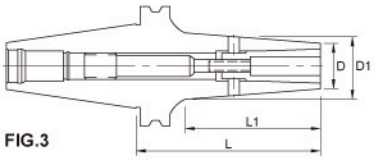


FIG.3

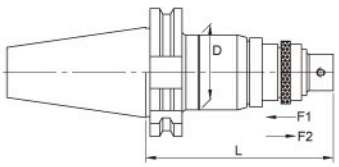
KG 後拉式高精度銑刀夾頭 COLLET CHUCK/KG

MODEL NO.	Fig.	Clamping Range	L	L1	L2	D	D1	D2	Collet
SK40-KG08-100	1	3-10	100	38	71	23	30	-	KG08
SK40-KG08-125	2	3-10	125	36	99	23	30	35	
SK40-KG08-125-S	3	3-10	125	36	-	22	32	-	
SK40-KG08-150	2	3-10	150	36	125	23	30	37	
SK40-KG08-150-S	3	3-10	150	123	-	22	32	-	
SK40-KG14-100	1	6-14	100	45	73	26	34	-	KG14
SK40-KG14-125	2	6-14	125	40	101	26	34	38	
SK40-KG14-150	2	6-14	150	40	124	26	34	38	
SK40-KG16-100	1	6-16	100	45	76	32	39	-	KG16
SK40-KG20-150	1	10-20	150	50	131	42	50	-	KG20
SK50-KG08-100	1	3-10	100	38	71	23	30	-	KG08
SK50-KG14-100	1	6-14	100	45	73	26	34		KG14

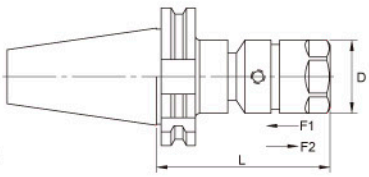

P11-KG Collet


P11-Adapter









TPA 伸縮扭力攻牙器 TENSION & COMPRESSION TAP HOLDER/TPA

MODEL NO.	Tapping Range	L	D	F1	F2	Collet Type
SK40-TPA316	M3-M16	155	53	10	20	TPA316
SK40-TPA830	M8-M30	210	68	10	25	TPA830
SK50-TPA316	M3-M16	145	53	10	20	TPA316
SK50-TPA830	M8-M30	200	68	10	25	TPA830


P18-TPA Collet

ER 伸縮攻牙器 RIGID TAP HOLDER/TER

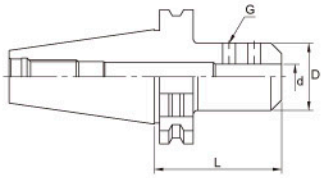
MODEL NO.	Tapping Range	L	D	F1	F2
SK40-TER16-75	M3-M12	75	28	4	8
SK40-TER20-100	M4-M16	100	34	4	8
SK40-TER32-100	M8-M27	100	50	4	10
SK50-TER16-100	M3-M12	100	28	4	8
SK50-TER20-100	M4-M16	100	34	4	8
SK50-TER32-100	M8-M27	100	50	4	10


P25-ER Wrench


P25-ER Nut


P26-ER Collet

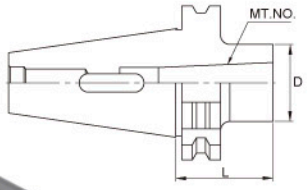




SLA 側固式立銑刀柄 SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	d	D	L	G
SK40-SLA6-50	6	25	50	M6
SK40-SLA6-60	6	25	60	M6
SK40-SLA8-50	8	30	50	M8
SK40-SLA8-60	8	30	60	M8
SK40-SLA10-50	10	34	50	M8
SK40-SLA10-60	10	34	60	M8
SK40-SLA12-50	12	38	50	M10
SK40-SLA12-75	12	38	75	M10
SK40-SLA16-75	16	45	75	M10
SK40-SLA20-75	20	50	75	M10
SK40-SLA25-100	25	57	100	M16
SK40-SLA32-100	32	60	100	M16
SK50-SLA10-63	10	34	63	M8
SK50-SLA12-63	12	38	63	M10
SK50-SLA16-63	16	45	63	M10
SK50-SLA16-75	16	45	75	M10
SK50-SLA20-63	20	50	63	M10
SK50-SLA20-75	20	50	75	M10
SK50-SLA25-80	25	58	80	M16
SK50-SLA25-85	25	58	85	M16
SK50-SLA32-100	32	62	100	M16
SK50-SLA40-100	40	77	100	M20

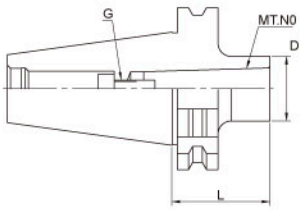




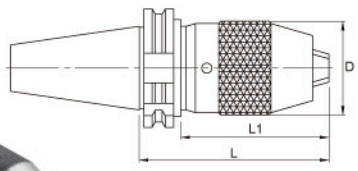
MTA 斜柄鑽頭套筒刀柄 MORSE TAPER HOLDER A TYPE/MTA

MODEL NO.	D	L	MT.NO.
SK40-MTA1-45	25	45	MTA1
SK40-MTA2-45	32	45	MTA2
SK40-MTA3-75	40	75	MTA3
SK40-MTA4-95	50	95	MTA4
SK50-MTA2-60	32	60	MTA2
SK50-MTA3-65	40	65	MTA3
SK50-MTA4-90	50	90	MTA4
SK50-MTA5-105	65	105	MTA5









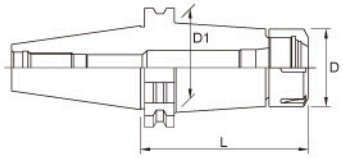
MTB 斜柄鑽頭套筒刀柄 MORSE TAPER HOLDER B TYPE/MTB

MODEL NO.	D	L	G	MT.NO.
SK40-MTB1-45	25	45	M6	MT1
SK40-MTB2-45	32	45	M10	MT2
SK40-MTB3-75	40	75	M12	MT3
SK40-MTB4-90	50	90	M16	MT4
SK50-MTB3-75	40	75	M12	MT2
SK50-MTB4-90	50	90	M16	MT3

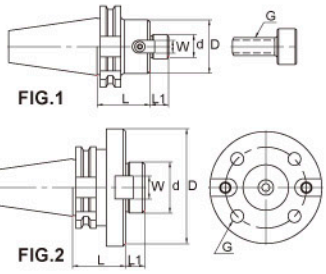
一體式鑽夾頭刀柄 DRILL CHUCK HOLDER/APU

MODEL NO.	Clamping Range	D	L	L1
SK40-APU08-80	0.3-8	37.5	80	60.6
SK40-APU13-100	1-13	50.5	100	80.5
SK40-APU16-110	3-16	57	110	85
SK50-APU13-100	1-13	50.5	100	80.5
SK50-APU16-110	3-16	57	110	85









ER 銑刀夾頭 SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	L	D	D1
SK40-ER16-70	0.5-10	70	28	-
SK40-ER16-100	0.5-10	100	28	-
SK40-ER16-150	0.5-10	150	28	32
SK40-ER20-70	1-13	70	34	-
SK40-ER20-100	1-13	100	34	-
SK40-ER25-80	1-16	80	42	-
SK40-ER25-100	1-16	100	42	-
SK40-ER32-70	2-22	70	50	-
SK40-ER32-100	2-22	100	50	-
SK40-ER32-150	2-22	150	50	-
SK40-ER40-80	3-26	80	63	-
SK40-ER40-100	3-26	100	63	-
SK50-ER16-100	0.5-10	100	28	-
SK50-ER16-150	0.5-10	150	28	32
SK50-ER16-200	0.5-10	200	28	36
SK50-ER20-100	1-13	100	34	-
SK50-ER20-150	1-13	150	34	-
SK50-ER20-200	1-13	200	34	42
SK50-ER20-250	1-13	250	34	42
SK50-ER20-300	1-13	300	34	42
SK50-ER25-100	1-16	100	42	-
SK50-ER25-150	1-16	150	42	-
SK50-ER25-200	1-16	200	42	46
SK50-ER32-100	2-20	100	50	-
SK50-ER32-150	2-20	150	50	-
SK50-ER32-200	2-20	200	50	58
SK50-ER32-250	2-20	250	50	58
SK50-ER32-300	2-20	300	50	58
SK50-ER40-100	3-26	100	63	-
SK50-ER40-150	3-26	150	63	-
SK50-ER40-200	3-26	200	63	-
SK50-ER40-250	3-26	250	65	65


P25-ER Wrench


P25-ER Nut


P26-ER Collet

FMA/FMB 平面銑刀 FACE MILL A&B TYPE

MODEL NO.	Fig	L	L1	d	D	W	G
SK40-FMA25.4-55	1	55	19	25.4	55	9.5	M12
SK40-FMA25.4-75	1	75	19	25.4	55	9.5	M12
SK40-FMA31.75-60	1	60	21	31.75	60	12.7	M12
SK40-FMB16-40	1	40	17	16	38	8	M8
SK40-FMB22-40	1	40	18	22	45	10	M10
SK40-FMB22-100	1	100	18	22	45	10	M10
SK40-FMB27-55	1	55	20	27	55	12	M12
SK40-FMB32-60	1	60	21	32	60	14	M16
SK40-FMB40-60	1	60	21	40	78	16	M16
SK40-FMB40-60-F	2	60	21	40	78	16	M12
SK50-FMB16-40	1	40	17	16	-	8	M8
SK50-FMB22-40	1	40	18	22	45	10	M10
SK50-FMB22-75	1	75	18	22	45	10	M10
SK50-FMB22-105	1	105	18	22	48	10	M10
SK50-FMB27-40	1	40	20	27	60	12	M12
SK50-FMB27-75	1	75	20	27	60	12	M12
SK50-FMB27-105	1	105	20	27	60	12	M12
SK50-FMB32-60	1	60	21	32	70	14	M16
SK50-FMB32-75	1	75	21	32	70	14	M16
SK50-FMB32-105	1	105	21	32	70	14	M16
SK50-FMB40-60	1	60	21	40	80	16	M16
SK50-FMB40-60-F	2	60	21	40	80	16	M12
SK50-FMA25.4-60	1	60	19	25.4	58	9.5	M12
SK50-FMA25.4-105	1	105	19	25.4	60	9.5	M12
SK50-FMA25.4-150	1	150	19	25.4	60	9.5	M12
SK50-FMA31.75-75	1	75	21	31.75	70	12.7	M12
SK50-FMA31.75-105	1	105	21	31.75	70	12.7	M12
SK50-FMA31.75-150	1	150	21	31.75	70	12.7	M12
SK50-FMA31.75-200	1	200	21	31.75	70	12.7	M12
SK50-FMA47.625-75	2	75	32	47.625	128	25.4	M16



《L含搪頭長度》

CK 雙刃粗(精)搪刀桿 CK BORING HOLDER

MODEL NO.	D	L	L1	L2	Min-Max	Cutter
SK40-CK2-120	24	120	82	38	25-33	RBH25, CBH25
SK40-CK2-150	24	150	112	38		
SK40-CK3-135	31	135	94	41	32-42	RBH32, CBH32
SK40-CK3-165	31	165	124	41		
SK40-CK4-135	39	135	88	47	40-55	RBH40, CBH40
SK40-CK4-165	39	165	118	47		
SK40-CK5-135	50	135	78	57	52-70	RBH52, CBH52
SK40-CK5-165	50	165	108	57		
SK40-CK6-135	64	135	64	71	68-92 90-122	RBH68, CBH68, LBJ16, RBH90, CBH100, CBH150
SK40-CK6-165	64	165	94	71		
SK50-CK2-150	24	150	112	38	25-33	RBH25, CBH25
SK50-CK2-180	24	180	142	38		
SK50-CK3-150	31	150	109	41	32-42	RBH32, CBH32
SK50-CK3-165	31	165	124	41		
SK50-CK3-195	31	195	154	41		
SK50-CK4-165	39	165	118	47	40-55	RBH40, CBH40
SK50-CK4-200	39	200	153	47		
SK50-CK5-165	50	165	108	57	52-70	RBH52, CBH52
SK50-CK5-240	50	240	183	57		
SK50-CK6-165	64	165	94	71	68-92 90-122	RBH68, CBH68, LBJ16, RBH90, CBH100, CBH150
SK50-CK6-200	64	200	129	71		
SK50-CK6-240	64	240	169	71		
SK50-CK6-300	64	300	229	71		
SK50-CK6-350	64	350	279	71		
SK50-CK6-420	64	420	349	71		


P42-Adapter


P43-Boring Head



《L不含搪頭長度》

LBK 雙刃粗(精)搪刀桿 BORING HOLDER/LBK

MODEL NO.	d	D	L	Min-Max	MT.NO.
SK50-LBK5-105	28	50	105	52-70	RBH52-CBH52
SK50-LBK7-100	58	88	100	90-610	RBH90-RBH500 CBH90-CBH500
SK50-LBK7-150	58	88	150		
SK50-LBK7-200	58	88	200		
SK50-LBK7-250	58	88	250		
SK50-LBK7-300	58	88	300		
SK50-LBK7-350	58	88	350		

LI KANG INDUSTRY CO., LTD

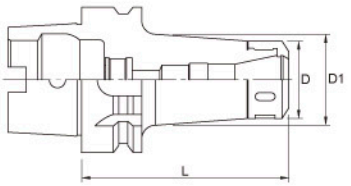
Professional, Precise, Durable 專業、精密、耐用



HSK-A Series 系列產品



專利產品
Patented Product



LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L	Collet
HSK40A-LT10-90-S	2-10.3	30	-	90	LT10
HSK50A-LT06-70	2-6	20	-	70	LT06
HSK50A-LT08-70	2-8	25	-	70	LT08
HSK50A-LT08-90	2-8	25	-	90	
HSK50A-LT10-65	2-10.3	35	-	65	LT10
HSK50A-LT10-65-S	2-10.3	30	-	65	
HSK50A-LT10-75	2-10.3	35	-	75	
HSK50A-LT10-75-S	2-10.3	30	-	75	
HSK50A-LT10-90	2-10.3	35	-	90	
HSK50A-LT10-90-S	2-10.3	30	-	90	
HSK50A-LT10-105-S	2-10.3	30	-	105	
HSK50A-LT10-120	2-10.3	35	-	120	
HSK50A-LT12-75	3-12	40	-	75	LT12
HSK50A-LT12-75-S	3-12	35	-	75	
HSK50A-LT12-90	3-12	40	-	90	
HSK50A-LT12-90-S	3-12	35	-	90	
HSK50A-LT16-80	3-16	46	-	80	LT16

LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L	Collet
HSK63A-LT06-100	2-6	20	23	100	LT06
HSK63A-LT06-125	2-6	20	25	125	
HSK63A-LT06-150	2-6	20	27	150	
HSK63A-LT06-200	2-6	20	28	200	
HSK63A-LT08-80	2-8	25	-	80	LT08
HSK63A-LT08-100	2-8	25	-	100	
HSK63A-LT08-125	2-8	25	-	125	
HSK63A-LT08-150	2-8	25	28	150	
HSK63A-LT10-100	2-10.3	35	-	100	LT10
HSK63A-LT10-125	2-10.3	35	-	125	
HSK63A-LT10-150	2-10.3	35	-	150	
HSK63A-LT10-200	2-10.3	35	40	200	
HSK63A-LT10-250	2-10.3	35	40	250	
HSK63A-LT12-80	3-12	40	-	80	LT12
HSK63A-LT12-100	3-12	40	-	100	
HSK63A-LT12-125	3-12	40	-	125	
HSK63A-LT12-150	3-12	40	-	150	
HSK63A-LT16-100	3-16	46	-	100	LT16
HSK63A-LT16-125	3-16	46	-	125	
HSK63A-LT16-150	3-16	46	-	150	
HSK63A-LT16-200	3-16	46	-	200	
HSK63A-LT20-100	4-20	50	-	100	LT20
HSK63A-LT20-120	4-20	50	-	120	
HSK63A-LT20-150	4-20	51	-	150	
HSK63A-LT20-200	4-20	51	-	200	
HSK63A-LT25-105	4-25	58	-	105	LT25
HSK63A-LT25-125	4-25	58	-	125	
HSK63A-LT25-150	4-25	58	-	150	
HSK63A-LT25-200	4-25	58	-	200	
HSK63A-LT32-115	10-32	68	-	115	LT32



專利產品 Patented Product

LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L	Collet
HSK100A-LT10-100	2-10.3	35	-	100	LT10
HSK100A-LT10-130	2-10.3	35	-	130	
HSK100A-LT10-160	2-10.3	35	40	160	
HSK100A-LT10-200	2-10.3	35	42	200	
HSK100A-LT10-250	2-10.3	35	45	250	
HSK100A-LT10-300	2-10.3	35	47	300	
HSK100A-LT12-100	3-12	40	-	100	LT12
HSK100A-LT12-130	3-12	40	-	130	
HSK100A-LT12-160	3-12	40	-	160	
HSK100A-LT12-200	3-12	40	-	200	
HSK100A-LT16-100	3-16	46	-	100	LT16
HSK100A-LT16-120	3-16	46	-	120	
HSK100A-LT16-160	3-16	46	52	160	
HSK100A-LT16-200	3-16	46	52	200	
HSK100A-LT16-250	3-16	46	54	250	
HSK100A-LT16-300	3-16	46	57	300	
HSK100A-LT20-130	4-20	50	-	130	LT20
HSK100A-LT20-160	4-20	50	-	160	
HSK100A-LT20-200	5-20	51	57	200	
HSK100A-LT25-120	4-25	58	-	120	LT25
HSK100A-LT25-160	4-25	58	60	160	
HSK100A-LT25-200	4-25	58	62	200	
HSK100A-LT25-250	4-25	58	-	250	
HSK100A-LT32-130	10-32	68	-	130	LT32
HSK100A-LT32-160	10-32	68	-	160	
HSK100A-LT32-200	10-32	68	-	200	
HSK100A-LT32-250	10-32	68	-	250	
HSK100A-LT42-130	19-42	82	-	130	LT42

PS: LT10有勾型螺帽及軸承型螺帽可選用。



P7-LT Wrench

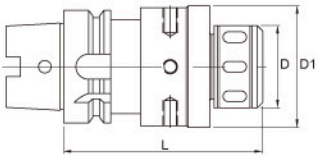


P7-LT Nut



P8-LT Collet

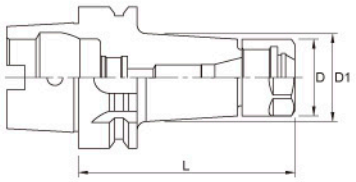




MLT 可調式高精度銑刀夾頭 ADJUSTABLE COLLET CHUCK/MLT

MODEL NO.	Clamping Range	D	D1	L	Collet
HSK63A-MLT16-110	3-16	46	66	110	LT16





ER 銑刀夾頭 SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	D	D1	L
HSK40A-ER20-80	1-13	34	-	80
HSK50A-ER16-70	0.5-10	28	-	70
HSK50A-ER20-70	1-13	34	-	70
HSK50A-ER20-90	1-13	34	-	90
HSK50A-ER25-70	1-16	42	-	70
HSK50A-ER25-90	1-16	42	-	90
HSK50A-ER32-70	2-22	50	-	70
HSK63A-ER11-80-HM	0.5-7	17	-	80
HSK63A-ER11-100-HM	0.5-7	17	-	100
HSK63A-ER11-130-HM	0.5-7	17	-	130
HSK63A-ER11-160-HM	0.5-7	17	--	160
HSK63A-ER16-80	0.5-10	28	-	80
HSK63A-ER16-100	0.5-10	28	-	100
HSK63A-ER16-120	0.5-10	28	-	120
HSK63A-ER16-150	0.5-10	28	33	150
HSK63A-ER16-200	0.5-10	28	-	200
HSK63A-ER20-80	1-13	34	-	80
HSK63A-ER20-100	1-13	34	-	100
HSK63A-ER20-120	1-13	34	-	120
HSK63A-ER20-150	1-13	34	-	150
HSK63A-ER20-200	1-13	34	-	200
HSK63A-ER20-250	1-13	34	-	250
HSK63A-ER25-80	1-16	42	-	80
HSK63A-ER25-100	1-16	42	-	100
HSK63A-ER25-120	1-16	42	-	120
HSK63A-ER25-150	1-16	42	47	150
HSK63A-ER25-200	1-16	42	-	200
HSK63A-ER25-250	1-16	42	-	250
HSK63A-ER32-80	2-22	50	-	80
HSK63A-ER32-100	2-22	50	-	100
HSK63A-ER32-120	2-22	50	-	120
HSK63A-ER32-150	2-22	50	-	150
HSK63A-ER32-200	2-22	50	-	200
HSK63A-ER32-250	2-22	50		250

ER 銑刀夾頭 SPRING COLLET CHUCK/ER

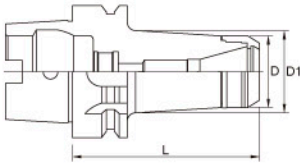
MODEL NO.	Clamping Range	D	D1	L
HSK63A-ER40-80	2-26	63	-	80
HSK63A-ER40-100	2-26	63	-	100
HSK63A-ER40-120	2-26	63	-	120
HSK63A-ER40-150	2-26	63	-	150
HSK100A-ER16-100	0.5-10	28	-	100
HSK100A-ER16-130	0.5-10	28	-	130
HSK100A-ER16-160	0.5-10	28	-	160
HSK100A-ER16-200	0.5-10	28	-	200
HSK100A-ER20-100	1-13	34	-	100
HSK100A-ER20-130	1-13	34	-	130
HSK100A-ER20-160	1-13	34	-	160
HSK100A-ER20-200	1-13	34	-	200
HSK100A-ER20-250	1-13	34	-	250
HSK100A-ER20-300	1-13	34	-	300
HSK100A-ER25-100	1-16	42	-	100
HSK100A-ER25-130	1-16	42	-	130
HSK100A-ER25-160	1-16	42	-	160
HSK100A-ER25-200	1-16	42	-	200
HSK100A-ER25-250	1-16	42	-	250
HSK100A-ER25-300	1-16	42	-	300
HSK100A-ER32-100	2-22	50	-	100
HSK100A-ER32-130	2-22	50	-	130
HSK100A-ER32-160	2-22	50	-	160
HSK100A-ER32-200	2-22	50	-	200
HSK100A-ER32-250	2-22	50	-	250
HSK100A-ER32-300	2-22	50	-	300
HSK100A-ER40-100	2-26	63	-	100
HSK100A-ER40-130	2-26	63	-	130
HSK100A-ER40-160	2-26	63	-	160
HSK100A-ER40-200	2-26	63	-	200
HSK100A-ER40-250	2-26	63	-	250
HSK100A-ER40-300	2-26	63	-	300


P25-ER Wrench


P25-ER Nut


P26-ER Collet









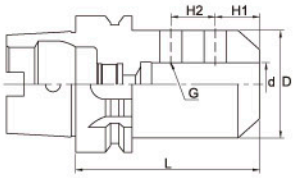


LR 整數柄銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR

MODEL NO.	Clamping Range	D	D1	L	Collet
HSK50A-LR16-70	1-10	30	-	70	ER16
HSK50A-LR16-90	1-10	30	-	70	
HSK50A-LR20-70	2-13	35	-	70	ER20
HSK50A-LR20-90	2-13	35	-	90	
HSK50A-LR25-70-H	2-16	45	-	70	ER25
HSK50A-LR32-70	3-22	50	-	70	ER32
HSK63A-LR16-100	1-10	30	-	100	ER16
HSK63A-LR16-125	1-10	30	-	125	
HSK63A-LR16-150	1-10	30	-	150	
HSK63A-LR20-100	2-13	35	-	100	ER20
HSK63A-LR20-125	2-13	35	-	125	
HSK63A-LR20-150	2-13	35	-	150	
HSK63A-LR20-200	2-13	35	-	200	
HSK63A-LR20-250	2-13	35	-	250	
HSK63A-LR25-B-100	2-16	40	-	100	ER25
HSK63A-LR25-100-H	2-16	45	-	100	
HSK63A-LR25-B-125	2-16	40	-	125	
HSK63A-LR25-125-H	2-16	45	-	125	
HSK63A-LR25-B-150	2-16	40	-	150	
HSK63A-LR25-150-H	2-16	45	-	150	
HSK63A-LR25-200-H	2-16	45	-	200	
HSK63A-LR32-100	3-22	50	-	100	ER32
HSK63A-LR32-125	3-22	50	-	125	
HSK63A-LR32-150	3-22	50	-	150	
HSK63A-LR32-200	3-22	50	-	200	
HSK100A-LR16-100	1-10	30	-	100	ER16
HSK100A-LR16-130	1-10	30	-	130	
HSK100A-LR20-100	2-13	35	-	100	ER20
HSK100A-LR20-130	2-13	35	-	130	
HSK100A-LR20-160	2-13	35	-	160	
HSK100A-LR20-200	2-13	35	40	200	
HSK100A-LR25-100	2-16	42	-	100	ER25
HSK100A-LR25-130	2-16	42	-	130	
HSK100A-LR25-130-H	2-16	45	-	130	
HSK100A-LR25-160-H	2-16	45	-	160	
HSK100A-LR25-200-H	2-16	45	-	200	
HSK100A-LR32-100	3-22	50	-	100	ER32
HSK100A-LR32-120	3-22	50	-	120	
HSK100A-LR32-160	3-22	50	-	160	
HSK100A-LR32-200	3-22	50	54	200	
HSK100A-LR32-250	3-22	50	-	250	

PS: LR20, LR25有勾型螺帽及軸承型螺帽可選用。

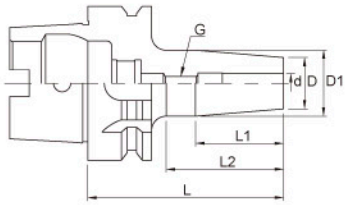




SLA 側固式立銑刀柄 SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	d	D	D1	L	H1	H2	G
HSK63A-SLA8-80	8	30	-	80	12	12	M8
HSK63A-SLA8-100	8	28	-	100	12	12	M8
HSK63A-SLA8-120	8	24	28	120	12	12	M8
HSK63A-SLA10-85	10	34	-	85	14	12	M8
HSK63A-SLA10-100	10	34	-	100	14	12	M8
HSK63A-SLA10-120	10	30	35	120	14	12	M8
HSK63A-SLA10-150	10	30	35	150	14	12	M8
HSK63A-SLA12-85	12	38	-	85	18	16	M10
HSK63A-SLA12-100	12	38	-	100	18	16	M10
HSK63A-SLA12-120	12	34	40	120	18	16	M10
HSK63A-SLA12-150	12	34	40	150	18	16	M10
HSK63A-SLA16-85	16	45	-	85	20	18	M10
HSK63A-SLA16-100	16	45	-	100	20	18	M10
HSK63A-SLA16-120	16	40	45	120	20	18	M10
HSK63A-SLA16-150	16	40	45	150	20	18	M10
HSK63A-SLA20-85	20	50	-	85	23	20	M12
HSK63A-SLA20-100	20	50	-	100	23	20	M12
HSK63A-SLA20-120	20	50	-	120	23	20	M12
HSK63A-SLA25-100	25	58	-	100	22	25	M16
HSK63A-SLB32-95	32	60	-	95	16	22	M16
HSK63A-SLA32-95	32	60	-	95	15	23	M16
HSK63A-SLA32-115	32	60	-	115	23	28	M16
HSK63A-SLA40-115	40	68	-	115	16	25	M16
HSK100A-SLA16-120	16	45	-	120	18	18	M10
HSK100A-SLA16-160	16	40	45	160	18	18	M10
HSK100A-SLA20-120	20	50	-	120	23	20	M12
HSK100A-SLA20-160	20	50	-	160	23	20	M12
HSK100A-SLA25-120	25	58	-	120	24	24	M16
HSK100A-SLA25-160	25	58	-	160	24	24	M16
HSK100A-SLA32-120	32	62	-	120	24	28	M16
HSK100A-SLA32-160	32	62	-	160	24	28	M16
HSK100A-SLA50-130	50	95	-	130	28	34	M20
HSK100A-SLB20-120	20	48	-	120	13	15	M10
HSK100A-SLB25-120	25	48	-	120	15	20	M12
HSK100A-SLB32-120	32	60	-	120	16	22	M16
HSK100A-SLB40-120	40	67	-	120	15	25	M16

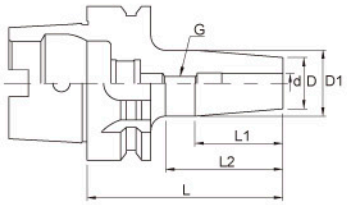




HSL 標準型燒結式刀桿 STANDARD SHRINK FIT CHUCK/HSL

MODEL NO.	d	D	D1	L	L1	L2	G
HSK63A-HSL04-80	4	10	16	80	38	44	-
HSK63A-HSL04-105	4	10	17.5	105	49	69	-
HSK63A-HSL04-130	4	10	21	130	67	94	-
HSK63A-HSL06-80	6	20	26	80	38	48	M8xP1.25
HSK63A-HSL06-105	6	20	27	105	44.5	73	M8xP1.25
HSK63A-HSL06-130	6	20	26	130	38	98	M8xP1.25
HSK63A-HSL06-160	6	20	27	160	44.5	128	-
HSK63A-HSL08-80	8	21	27	80	38	48	M6xP1.0
HSK63A-HSL08-105	8	21	27	105	38	73	M6xP1.0
HSK63A-HSL08-130	8	21	27	130	38	98	M6xP1.0
HSK63A-HSL08-160	8	21	27	160	38	128	M6xP1.0
HSK63A-HSL10-85	10	24	32	85	50	52	M8xP1.25
HSK63A-HSL10-105	10	24	32	105	51	73	M8xP1.25
HSK63A-HSL10-130	10	24	32	130	50	98	M8xP1.25
HSK63A-HSL10-160	10	24	32	160	51	128	M8xP1.25
HSK63A-HSL12-90	12	24	32	90	50	58	M10xP1.5
HSK63A-HSL12-130	12	24	32	130	50	98	M10xP1.5
HSK63A-HSL12-160	12	24	32	160	51	128	M10xP1.5
HSK63A-HSL16-95	16	27	34	95	45	62	M10xP1.5
HSK63A-HSL16-130	16	27	34	130	45	98	M10xP1.5
HSK63A-HSL16-160	16	27	34	160	44.5	128	M10xP1.5
HSK63A-HSL20-100	20	33	42	100	50	70	M8xP1.25
HSK63A-HSL20-130	20	33	42	130	52	100	M8xP1.25
HSK63A-HSL20-160	20	33	41	160	51	129	M12xP1.75
HSK63A-HSL25-105	25	44	51	105	44.5	78	M8xP1.25
HSK63A-HSL25-130	25	44	51	130	44.5	103	M12xP1.75
HSK63A-HSL32-105	32	44	51	105	44.5	78	M8xP1.25
HSK63A-HSL32-130	32	44	51	130	44.5	103	M12xP1.75

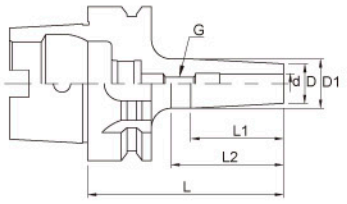




HSL 標準型燒結式刀桿 STANDARD SHRINK FIT CHUCK/HSL

MODEL NO.	d	D	D1	L	L1	L2	G
HSK100A-HSL06-90	6	20	27	90	39	48	M8xP1.25
HSK100A-HSL06-130	6	20	27	130	39	87	M8xP1.25
HSK100A-HSL08-90	8	21	28	90	39	48	M10xP1.5
HSK100A-HSL08-130	8	21	28	130	39	87	M10xP1.5
HSK100A-HSL10-95	10	24	32	95	48	57	M12xP1.75
HSK100A-HSL10-120	10	24	32	120	48	82	M12xP1.75
HSK100A-HSL10-160	10	24	32	160	51	122	M8xP1.25
HSK100A-HSL10-200	10	24	32	200	51	162	M8xP1.25
HSK100A-HSL12-95	12	24	32	95	48	57	M10xP1.5
HSK100A-HSL12-120	12	24	32	120	48	82	M10xP1.5
HSK100A-HSL12-160	12	24	32	160	51	122	M10xP1.5
HSK100A-HSL12-200	12	24	32	200	51	162	M10xP1.5
HSK100A-HSL16-100	16	27	34	100	42	61	M12xP1.75
HSK100A-HSL16-130	16	27	34	130	44.5	91	M10xP1.5
HSK100A-HSL16-160	16	27	34	160	44.5	121	M12xP1.75
HSK100A-HSL16-200	16	27	34	200	44.5	161	M12xP1.75
HSK100A-HSL20-105	20	33	42	105	54	68	M12xP1.75
HSK100A-HSL20-130	20	33	42	130	57	93	M10xP1.5
HSK100A-HSL20-160	20	33	42	160	57	123	M12xP1.75
HSK100A-HSL20-200	20	33	42	200	57	163	M12xP1.75
HSK100A-HSL25-115	25	44	53	115	57	78	M10xP1.5
HSK100A-HSL32-120	32	44	53	120	57	83	M10xP1.5

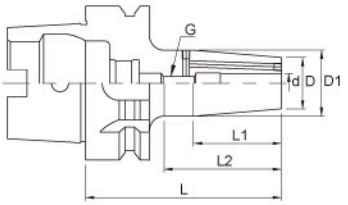




HSL-S 細型燒結式刀桿 SLIM SHRINK FIT CHUCK/HSL-S

MODEL NO.	d	D	D1	L	L1	L2	G
HSK63A-HSL06-80-S	6	14	20	80	38	46	M8xP1.25
HSK63A-HSL08-80-S	8	16	20	80	38	46	M6xP1.0
HSK63A-HSL10-85-S	10	18	24	85	38	50	M8xP1.25
HSK63A-HSL12-90-S	12	20	26	90	38	56	M10xP1.5
HSK63A-HSL16-95-S	16	26	30	95	26	63	M10xP1.5
HSK63A-HSL20-100-S	20	30	35	100	26	68	M8xP1.25





HSL-O 鼻端出水型燒結式刀桿 COOLANT TYPE SHRINK FIT CHUCK/HSL-O

MODEL NO.	d	D	D1	L	L1	L2	G
HSK63A-HSL06-80-O	6	21	27	80	38	48	M8xP1.25
HSK63A-HSL06-130-O	6	21	27	130	38	98	M8xP1.25
HSK63A-HSL06-160-O	6	21	27	160	38	128	-
HSK63A-HSL08-80-O	8	21	27	80	38	48	M6xP1.0
HSK63A-HSL08-130-O	8	21	27	130	38	98	M6xP1.0
HSK63A-HSL08-160-O	8	21	27	160	38	128	M6xP1.0
HSK63A-HSL10-85-O	10	24	32	85	50	52	M8xP1.25
HSK63A-HSL10-130-O	10	24	32	130	51	98	M8xP1.25
HSK63A-HSL10-160-O	10	24	32	160	51	128	M8xP1.25
HSK63A-HSL12-90-O	12	24	32	90	50	58	M10xP1.5
HSK63A-HSL12-130-O	12	24	32	130	51	98	M10xP1.5
HSK63A-HSL12-160-O	12	24	32	160	51	128	M10xP1.5
HSK63A-HSL16-95-O	16	28	35	95	44.5	62	M10xP1.5
HSK63A-HSL16-130-O	16	28	35	130	44.5	98	M10xP1.5
HSK63A-HSL16-160-O	16	28	35	160	44.5	128	M10xP1.5
HSK63A-HSL20-100-O	20	33	41	100	51	70	M12xP1.75
HSK63A-HSL20-130-O	20	33	41	130	51	99	M12xP1.75
HSK63A-HSL20-160-O	20	33	41	160	51	129	M12xP1.75
HSK63A-HSL25-130-O	25	44	51	130	44.5	103	M12xP1.75
HSK100A-HSL06-90-O	6	21	27	90	38	52	M8xP1.25
HSK100A-HSL06-130-O	6	21	27	130	38	92	M8xP1.25
HSK100A-HSL08-90-O	8	21	27	90	38	52	M10xP1.5
HSK100A-HSL08-130-O	8	21	27	130	38	92	M10xP1.5
HSK100A-HSL10-95-O	10	24	31	95	44.5	57	M8xP1.25
HSK100A-HSL10-130-O	10	24	31	130	44.5	82	M8xP1.25
HSK100A-HSL12-95-O	12	24	32	95	51	58	M10xP1.5
HSK100A-HSL12-130-O	12	24	32	130	51	82	M10xP1.5
HSK100A-HSL16-100-O	16	27	34	100	44.5	63	M10xP1.5
HSK100A-HSL16-130-O	16	27	34	130	44.5	91	M10xP1.5
HSK100A-HSL20-105-O	20	33	42	105	57	68	M10xP1.5
HSK100A-HSL20-130-O	20	33	42	130	57	93	M10xP1.5
HSK100A-HSL25-130-O	25	44	53	130	57	93	M10xP1.5



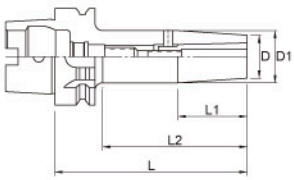


FIG.1

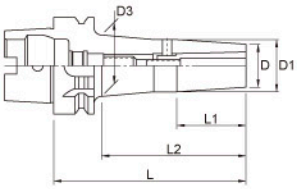


FIG.2

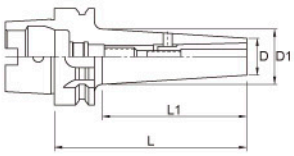


FIG.3

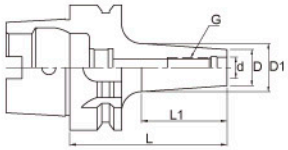
KG 後拉式高精度銑刀夾頭 COLLET CHUCK/KG

MODEL NO.	Fig.	Clamping Range	L	L1	L2	D	D1	D2	Collet
HSK63A-KG08-95	1	3-10	95	36	61	23	30	-	KG08
HSK63A-KG08-120	2	3-10	120	36	87	24	30	33	
HSK63A-KG08-150	2	3-10	150	36	117	24	30	37	
HSK63A-KG08-200	2	3-10	200	36	171	24	30	42	
HSK63A-KG08-250	3	3-10	250	219	-	23	40	-	
HSK63A-KG14-105	1	6-14	105	36	71	26	34	-	KG14
HSK63A-KG14-125	2	6-14	125	45	94	28	34	40	
HSK63A-KG14-150	2	6-14	150	45	119	28	34	40	
HSK63A-KG14-200	2	6-14	200	45	172	26	34	46	
HSK63A-KG14-250	3	6-14	250	222	-	26	47	-	
HSK63A-KG16-105	1	6-16	105	45	74	32	39	-	KG16
HSK63A-KG16-125	1	6-16	125	92	95	32	42	-	
HSK63A-KG20-115	1	10-20	115	52	87	42	48	-	KG20
HSK63A-KG08-120-S	3	3-10	120	86	-	22	32	-	KG08
HSK63A-KG08-150-S	3	3-10	150	116	-	22	32	-	
HSK63A-KG08-200-S	3	3-10	200	166	-	22	32	-	
HSK63A-KG14-150-S	3	6-14	150	117	-	25	36	-	KG14
HSK63A-KG14-200-S	3	6-14	200	167	-	25	36	-	
HSK100A-KG08-125	2	3-10	125	36	83	24	30	34	KG08
HSK100A-KG08-160	2	3-10	160	36	119	24	30	40	
HSK100A-KG08-200	2	3-10	200	36	159	24	30	45	
HSK100A-KG14-135	1	6-14	135	94	101	26	41	40	KG14
HSK100A-KG14-160	2	6-14	160	35	119	26	34	45	
HSK100A-KG14-200	2	6-14	200	45	159	26	34	48	
HSK100A-KG16-135	1	6-16	135	93	100	32	46	-	KG16
HSK100A-KG16-160	1	6-16	160	118	124	32	48	-	
HSK100A-KG20-160	3	10-20	160	120	-	38	57	-	KG20
HSK100A-KG20-200	3	10-20	200	158	-	40	56	-	


P11-KG Collet


P11-Adapter

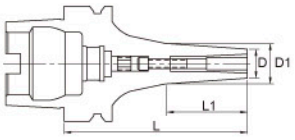




M 鎖牙式刀桿 SCREWED END MILL HOLDER

MODEL NO.	L	L1	d	D	D1	G
HSK63A-M8-50	50	16	8.5	17	18	M8xP1.25
HSK63A-M8-60	60	26	8.5	17	18	M8xP1.25
HSK63A-M10-60	60	26	10.5	18	23	M10xP1.5
HSK63A-M10-80	80	44	10.5	20	24	M10xP1.5
HSK63A-M12-60	60	26	12.5	23	24	M12xP1.75
HSK63A-M12-80	80	44	12.5	21	24	M12xP1.75
HSK63A-M12-100	100	64	12.5	23	25	M12xP1.75
HSK63A-M16-80	80	46	17	29	34	M16xP2.0
HSK63A-M16-100	100	66	17	30	34	M16xP2.0
HSK63A-M16-120	120	89	17	31	39	M16xP2.0
HSK100A-M10-100	100	55	10.5	19	24	M10xP1.5
HSK100A-M12-100	100	57	12.5	23	24.5	M12xP1.75
HSK100A-M12-125	125	82	12.5	24	32	M12xP1.75
HSK100A-M16-100	100	59	17	31	34	M16xP2.0
HSK100A-M16-125	125	84	17	31	34	M16xP2.0
HSK100A-M16-150	150	109	17	31	39	M16xP2.0



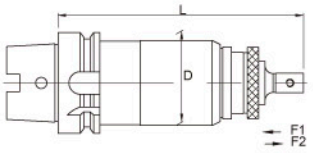




LB 後拉式高精度銑刀夾頭 COLLET CHUCK/LB

MODEL NO.	Clamping Range	L	L1	D	D1	Collet
HSK50A-LB6-70	2.6-6	70	25	16	22	LB6
HSK50A-LB10-85	3-10	85	36	24	30	LB10
HSK63A-LB6-100	2.6-6	100	45	14	20	
HSK63A-LB6-125	2.6-6	125	70	14	22	LB6
HSK63A-LB6-150	2.6-6	150	80	14	22	
HSK63A-LB8-82	2.6-8	82	38	19	24	
HSK63A-LB8-100	2.6-8	100	38	19	24	LB8
HSK63A-LB8-125	2.6-8	125	63	19	24	
HSK63A-LB10-90	3-10	90	36	24	30	LB10
HSK63A-LB6-100-LH	2.6-6	100	45	14	20	
HSK63A-LB6-125-LH	2.6-6	125	70	14	22	LB6-LH
HSK63A-LB6-150-LH	2.6-6	150	80	14	22	
HSK100A-LB6-100	2.6-6	100	56	16	23	LB6

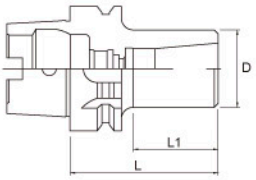




TPA (伸縮)扭力攻牙器 (TENSION) & COMPRESSION TAP HOLDER/TPA

MODEL NO.	Clamping Range	D	L	F1	F2	Collect Type
HSK63A-TPA316	M3-M16	53	165	10	20	TPA316
HSK63A-TPA316-ES	M3-M16	53	110	0.5	0	TPA316

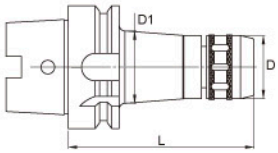




HLB 後拉式燒結刀桿 PULL BACK SHRINK FIT CHUCK/HLB

MODEL NO.	L	L1	D	Collet
HSK63A-HLB12-75	75	43	39	HLB12
HSK63A-HLB12-105	105	73	39	HLB12





KCH 強力型精密銑刀夾頭 POWER GRIP MILLING CHUCK/KCH

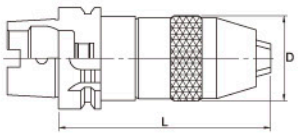
MODEL NO.	Clamping Range	D	D1	L	Collet
HSK63A-KCH16-90	4-16	42	-	90	C16
HSK63A-KCH20-90	6-20	52	-	90	C20
HSK63A-KCH25-105	6-25	60	-	105	C25
HSK63A-KCH32-105-S	4-32	63	-	105	C32
HSK63A-KCH32-115	4-32	68	-	115	
HSK100A-KCH16-120	4-16	42	-	120	C16
HSK100A-KCH16-160	4-16	42	46	160	
HSK100A-KCH20-100	6-20	52	-	100	C20
HSK100A-KCH20-120	6-20	52	-	120	
HSK100A-KCH20-160	6-20	52	-	160	
HSK100A-KCH20-200	6-20	52	58	200	
HSK100A-KCH20-250	6-20	52	64	250	
HSK100A-KCH20-300	6-20	52	64	300	
HSK100A-KCH25-105	6-25	60	-	105	C25
HSK100A-KCH25-120	6-25	60	-	120	
HSK100A-KCH25-160	6-25	60	63	160	
HSK100A-KCH25-200	6-25	60	67	200	
HSK100A-KCH32-105	4-32	68	-	105	C32
HSK100A-KCH32-120	4-32	68	-	120	
HSK100A-KCH32-160	4-32	68	-	160	
HSK100A-KCH32-200	4-32	68	-	200	
HSK100A-KCH32-250	4-32	68	-	250	
HSK100A-KCH32-300	4-32	68	-	300	
HSK100A-KCH42-120	6-42	87	-	120	C42

PS: KCH16有勾型外蓋及軸承型外蓋可選用


P3-KCH Wrench


P3-Collet

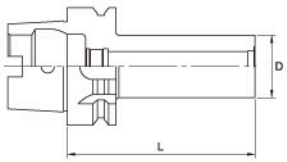




APU 一體式鑽夾頭刀柄 DRILL CHUCK HOLDER/APU

MODEL NO.	Clamping Range	D	L
HSK63A-APU13-140	1-13	50.5	140
HSK63A-APU16-150	3-16	50.5	150
HSK100A-APU13-150	1-13	50.5	150
HSK100A-APU16-160	3-16	50.5	160

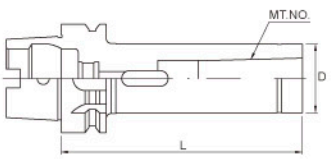




測試棒 TEST BAR

MODEL NO.	D	L	Roundness 真圓度	Concentricity 同心度
HSK63A-150	50	150	<0.0015	<0.003
HSK63A-200	50	200	<0.0015	<0.003
HSK63A-250	50	250	<0.002	<0.004
HSK63A-300	50	300	<0.002	<0.004

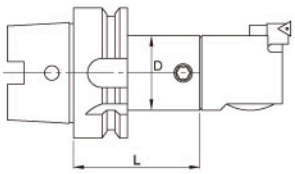




MTA 斜柄鑽頭套筒刀柄 MORSE TAPER HOLDER A TYPE

MODEL NO.	D	L	MT.NO.
HSK50A-MTA1-100	25	100	MTA1
HSK50A-MTA2-115	32	115	MTA2
HSK63A-MTA1-105	25	105	MTA1
HSK63A-MTA2-120	32	120	MTA2
HSK63A-MTA3-140	40	140	MTA3
HSK63A-MTA4-160	50	160	MTA4
HSK100A-MTA1-110	25	105	MTA1
HSK100A-MTA1-150	25	150	MTA1
HSK100A-MTA2-120	32	120	MTA2
HSK100A-MTA3-140	40	140	MTA3
HSK100A-MTA4-170	50	170	MTA4





《L不含搪頭長度》

LBK 雙刃粗(精)搪刀桿 BORING HOLDER/LBK

MODEL NO.	D	L	Min-Max	Cutter
HSK63A-LBK2-45	24	45	25-33	RBH25, CBH25
HSK63A-LBK2-60	24	60		
HSK63A-LBK2-75	24	75		
HSK63A-LBK2-90	24	90		
HSK63A-LBK2-105	24	105		
HSK63A-LBK3-45	31	45	32-42	RBH32, CBH32
HSK63A-LBK3-75	31	75		
HSK63A-LBK3-105	31	105		
HSK63A-LBK3-120	31	120		
HSK63A-LBK4-45	39	45	40-55	RBH40, CBH40
HSK63A-LBK4-75	39	75		
HSK63A-LBK4-105	39	105		
HSK63A-LBK4-120	39	120		
HSK63A-LBK4-150	39	150		
HSK63A-LBK5-55	50	55	52-70	RBH52, CBH52
HSK63A-LBK5-75	50	75		
HSK63A-LBK5-105	50	105		
HSK63A-LBK5-120	50	120		
HSK63A-LBK5-150	50	150		
HSK63A-LBK6-70	64	70	68-92 90-122	RBH68, CBH68 LBJ16, RBH90 CBH100, CBH150
HSK63A-LBK6-75	64	75		
HSK63A-LBK6-90	64	90		
HSK63A-LBK6-125	64	125		
HSK63A-LBK6-165	64	165		

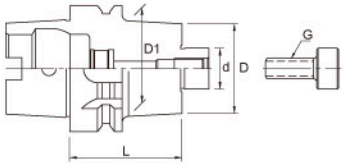
LBK 雙刃粗(精)搪刀桿 BORING HOLDER/LBK

MODEL NO.	D	L	Min-Max	Cutter
HSK100A-LBK2-120	24	120	25-33	RBH25, CBH25
HSK100A-LBK3-120	31	120	32-42	RBH32, CBH32
HSK100A-LBK3-160	31	160		
HSK100A-LBK4-120	39	120	40-55	RBH40, CBH40
HSK100A-LBK4-160	39	160		
HSK100A-LBK4-200	39	200		
HSK100A-LBK5-120	50	120	52-70	RBH52, CBH52
HSK100A-LBK5-160	50	160		
HSK100A-LBK5-200	50	200		
HSK100A-LBK5-250	50	250		
HSK100A-LBK5-300	50	300		
HSK100A-LBK6-100	64	100	68-92 90-122	RBH68, CBH68 LBJ16, RBH90 CBH100, CBH150
HSK100A-LBK6-120	64	120		
HSK100A-LBK6-160	64	160		
HSK100A-LBK6-200	64	200		
HSK100A-LBK6-250	64	250		
HSK100A-LBK6-300	64	300		
HSK100A-LBK6-350	64	350		
HSK100A-LBK6-400	64	400		
HSK100A-LBK7-100	88	100	90-610	RBH90-RBH500 CBH100-CBH500
HSK100A-LBK7-150	88	150		
HSK100A-LBK7-200	88	200		
HSK100A-LBK7-250	88	250		
HSK100A-LBK7-300	88	300		
HSK100A-LBK7-350	88	350		







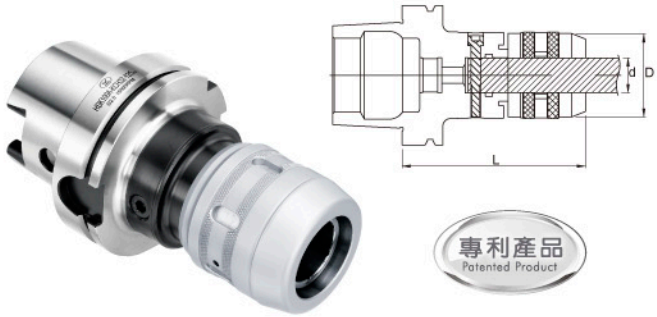


FMA/FMB 平面銑刀 FACE MILL A&B TYPE

MODEL NO.	d	D	D1	L	G
HSK63A-FMA25.4-50	25.4	51	-	50	M12
HSK63A-FMA25.4-75	25.4	51	-	75	
HSK63A-FMA25.4-105	25.4	54	-	105	
HSK63A-FMA25.4-125	25.4	54	-	125	
HSK63A-FMA25.4-150	25.4	54	-	150	
HSK63A-FMA25.4-200	25.4	54	-	200	
HSK63A-FMA31.75-65	31.75	68	-	65	
HSK63A-FMA31.75-75	31.75	68	-	75	
HSK63A-FMB16-45	16	38	-	45	M8
HSK63A-FMB22-50	22	48	-	50	M10
HSK63A-FMB22-75	22	47	-	75	
HSK63A-FMB22-90	22	47	-	90	
HSK63A-FMB22-105	22	47	-	105	
HSK63A-FMB22-125	22	47	-	125	
HSK63A-FMB22-150	22	47	-	150	
HSK63A-FMB22-150-MS	22	40	-	150	
HSK63A-FMB22-200	22	48	-	200	
HSK63A-FMB27-50	27	52	-	50	M12
HSK63A-FMB27-90	27	58	-	90	
HSK63A-FMB27-125	27	58	-	125	
HSK63A-FMB27-150	27	58	-	150	
HSK63A-FMB32-60	32	68	-	60	M16
HSK63A-FMB32-150	32	76	-	150	
HSK100A-FMA25.4-75	25.4	58	-	75	M12
HSK100A-FMA25.4-105	25.4	60	-	105	
HSK100A-FMA25.4-125	25.4	60	-	125	
HSK100A-FMA25.4-150	25.4	60	-	150	
HSK100A-FMA25.4-200	25.4	59	61	200	
HSK100A-FMA31.75-75	31.75	70	-	75	M16
HSK100A-FMA31.75-105	31.75	70	-	105	

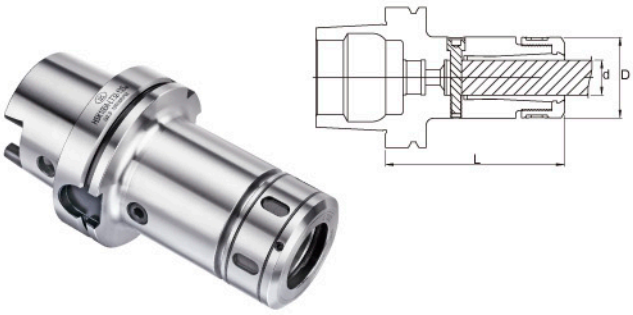
FMA/FMB 平面銑刀 FACE MILL A&B TYPE

MODEL NO.	d	D	D1	L	G
HSK100A-FMA31.75-125	31.75	71	73	125	M16
HSK100A-FMA31.75-150	31.75	71	73	150	
HSK100A-FMA31.75-200	31.75	72	74	200	
HSK100A-FMA31.75-250	31.75	72	74	250	
HSK100A-FMA38.1-60	38.1	85	-	60	
HSK100A-FMA38.1-90	38.1	85	-	90	
HSK100A-FMA38.1-105	38.1	85	-	105	
HSK100A-FMA38.1-150	38.1	85	-	150	
HSK100A-FMA50.8-75	50.8	97	-	75	
HSK100A-FMB22-75	22	48	-	75	M10
HSK100A-FMB22-105	22	48	-	105	
HSK100A-FMB22-125	22	48	-	125	
HSK100A-FMB22-150	22	48	-	150	
HSK100A-FMB22-200	22	47	49	200	
HSK100A-FMB22-250	22	47	49	250	
HSK100A-FMB22-300	22	47	49	300	
HSK100A-FMB27-75	27	60	-	75	M12
HSK100A-FMB27-105	27	60	-	105	
HSK100A-FMB27-125	27	61	64	125	
HSK100A-FMB27-150	27	61	64	150	
HSK100A-FMB27-250	27	60	62	250	
HSK100A-FMB27-300	27	60	62	300	
HSK100A-FMB32-75	32	70	-	75	M16
HSK100A-FMB32-105	32	70	-	105	
HSK100A-FMB32-125	32	72	74	125	
HSK100A-FMB32-150	32	72	74	150	
HSK100A-FMB32-200	32	72	74	200	
HSK100A-FMB32-250	32	72	74	250	
HSK100A-FMB40-75	40	80	-	75	
HSK100A-FMB40-105	40	80	-	105	
HSK100A-FMB40-150	40	80	-	150	



KCH 插銷式強力型銑刀夾頭 POWER GRIP MILLING CHUCK WITH PLUG / KCH

MODEL NO.	d	D	L
HSK100A-KCH20-120	20	52	120
HSK100A-KCH20-160	20	52	160
HSK100A-KCH25-120	25	60	120
HSK100A-KCH25-160	25	60	160
HSK100A-KCH32-125	32	68	125
HSK100A-KCH32-160	32	68	160

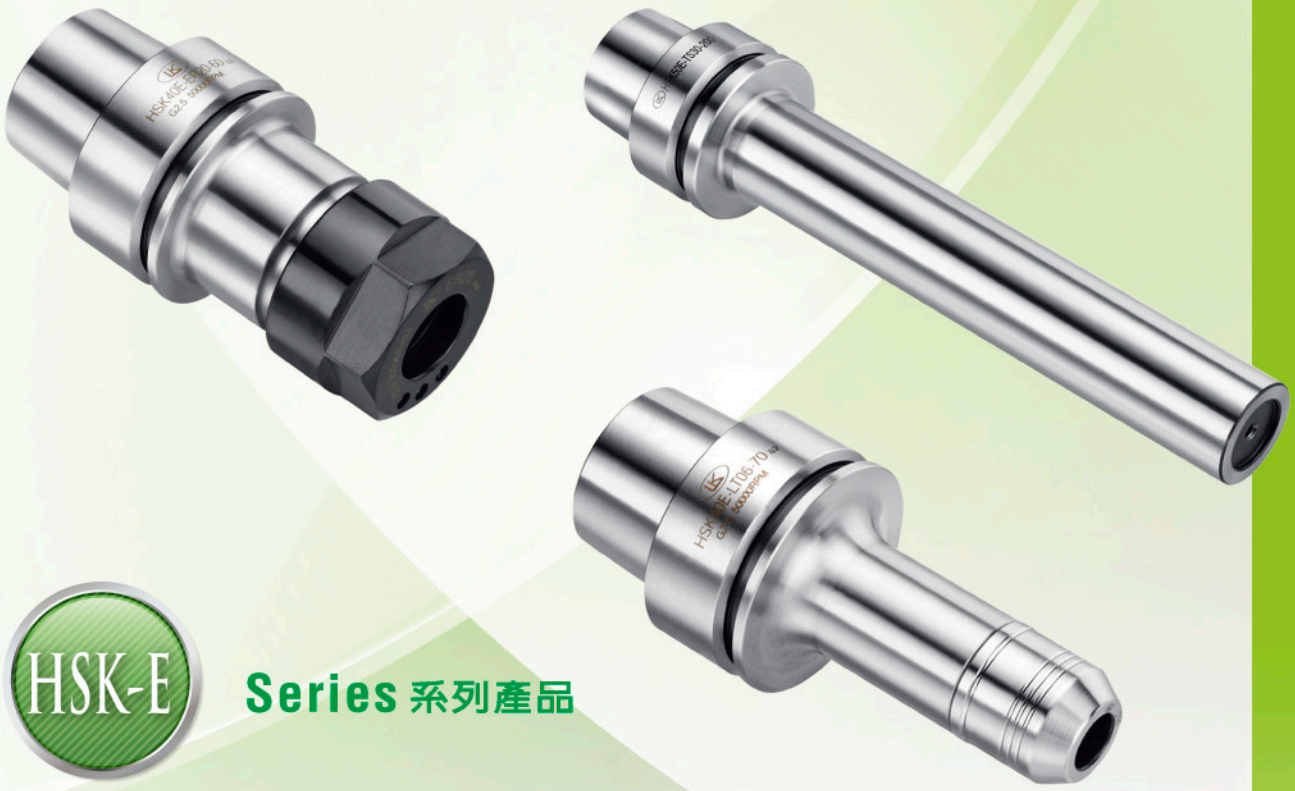


LT 插銷式高精度銑刀夾頭 LT COLLET CHUCK WITH PLUG

MODEL NO.	d	D	L	Collet
HSK100A-LT32-135	32	68	135	LT32

LI KANG INDUSTRY CO., LTD

Professional, Precise, Durable 專業、精密、耐用

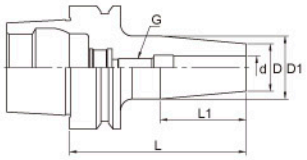


HSK-E Series 系列產品



HSK-F Series 系列產品

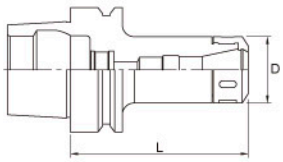




HSL燒結式專用刀桿 SHRINK FIT CHUCK/HSL

MODEL NO.	d	D	D1	L	L1	G
HSK32E-HSL04-60	4	10	14	60	25	-
HSK32E-HSL06-60	6	16	20	60	25	M8xP1.25
HSK32E-HSL08-60	8	18	22	60	25	M6xP1.0
HSK32E-HSL10-60	10	21	25	60	25	M6xP1.0
HSK40E-HSL04-60	4	10	14	60	25	-
HSK40E-HSL06-60	6	18	22	60	25	M8xP1.25
HSK40E-HSL08-60	8	21	25	60	25	M6xP1.0
HSK40E-HSL10-60	10	22	26	60	27	M6xP1.0
HSK40E-HSL12-60	12	24	28	60	27	M6xP1.0
HSK40E-HSL04-60-S	4	8	12	60	25	-
HSK40E-HSL06-60-S	6	14	18	60	25	M8xP1.25
HSK40E-HSL08-60-S	8	16	20	60	25	M6xP1.0





專利產品 Patented Product

LT 高精度銑刀夾頭 COLLET CHUCK/LT

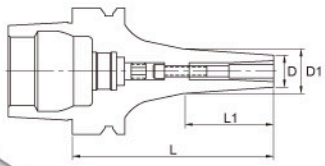
MODEL NO.	Clamping Range	D	L	Collet
HSK32E-LT06-60	2-6	20	60	LT06
HSK32E-LT08-60	2-8	25	60	LT08
HSK32E-LT10-60-S	2-10.3	30	60	LT10
HSK32E-LT10-80-S	2-10.3	30	80	LT10
HSK32E-LT10-100-S	2-10.3	30	100	LT10
HSK40E-LT06-60	2-6	20	60	LT06
HSK40E-LT06-65	2-6	20	65	LT06
HSK40E-LT06-70	2-6	20	70	LT06
HSK40E-LT08-60	2-8	25	60	LT08
HSK40E-LT10-60-S	2-10.3	30	60	LT10
HSK40E-LT10-65-S	2-10.3	30	65	LT10
HSK40E-LT10-70-S	2-10.3	30	70	LT10
HSK50E-LT10-65-S	2-10.3	30	65	LT10
HSK50E-LT10-75-S	2-10.3	30	75	LT10
HSK50E-LT16-80	4-16	46	80	LT16


P7-LT Wrench


P7-LT Nut


P8-LT Collet



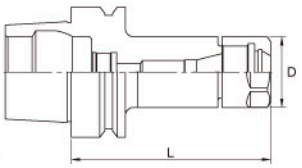


LB 後拉式高精度銑刀夾頭 COLLET CHUCK/LB

MODEL NO.	Clamping Range	L	L1	D	D1	Collet
HSK32E-LB6-65	2.6-6	65	37	16	20	LB6
HSK32E-LB8-72	2.6-8	72	37	19	24	LB8
HSK40E-LB6-68	2.6-6	68	20	16	22	LB6
HSK40E-LB8-75	2.6-8	75	35	19	24	LB8
HSK50E-LB6-70	2.6-6	70	25	16	22	LB6
HSK50E-LB6-75-LH	2.6-6	75	25	16	22	LB6(LH)
HSK50E-LB6-90	2.6-6	90	40	14	20	LB6
HSK50E-LB8-75	2.6-8	75	30	19	24	LB8
HSK50E-LB8-90	2.6-8	90	36	24	30	LB8
HSK50E-LB10-85	3-10	85	36	24	30	LB10


P21-LB Collet





ER 銑刀夾頭 SPRING COLLET CHUCK/ER

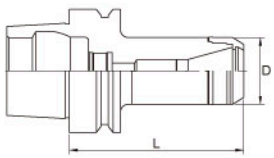
MODEL NO.	Clamping Range	D	L	Nut
HSK32E-ER11-50-HM	0.5-7	17	50	ER11(HM)
HSK32E-ER16-50-HM	0.5-10	23	50	ER16(HM)
HSK32E-ER16-50-HR	0.5-10	23	50	ER16(HR)
HSK32E-ER20-60	1-13	34	60	ER20(A)
HSK32E-ER20-45-M	1-13	29	45	ER20(M)
HSK32E-ER20-50-M	1-13	29	50	ER20(M)
HSK32E-ER20-60-M	1-13	29	60	ER20(M)
HSK32E-ER20-50-B	1-13	30	50	ER20(B)
HSK32E-ER20-60-B	1-13	30	60	ER20(B)
HSK32E-ER20-50-HR	1-13	31	50	ER20(HR)
HSK32E-ER20-60-HR	1-13	31	60	ER20(HR)
HSK40E-ER16-60	0.5-10	28	60	ER16(A)
HSK40E-ER16-60-HM	0.5-10	23	60	ER16(HM)
HSK40E-ER16-60-HR	0.5-10	23	60	ER16(HR)
HSK40E-ER20-60	1-13	34	60	ER20(A)
HSK40E-ER20-60-R	1-13	30	60	ER20(R)
HSK40E-ER20-80	1-13	34	80	ER20(A)
HSK40E-ER25-65	1-16	42	65	ER25(UM)
HSK40E-ER25-70	1-16	42	70	ER25(UM)
HSK40E-ER25-80	1-16	50	80	ER25(UM)
HSK40E-ER32-75	2-20	50	75	ER32(UM)
HSK40E-ER32-80	2-20	50	80	ER32(UM)
HSK50E-ER20-70	1-13	34	70	ER20(A)
HSK50E-ER25-70	1-16	42	70	ER25(UM)


P25-ER Wrench


P25-ER Nut


P26-ER Collet





LR 整數柄銑刀夾頭 INTEGER HANDLE COLLET CHUCK/LR

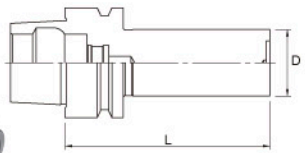
MODEL NO.	Clamping Range	D	L	COLLET
HSK32E-LR16-50-S	1-10	25	50	ER16
HSK40E-LR16-60	1-10	30	60	ER16
HSK40E-LR20-60	2-13	35	60	ER20
HSK40E-LR25-70	2-16	42	70	ER25
HSK50E-LR20-70	2-13	35	70	ER20


P25-LR Wrench


P25-LR Nut


P26-ER Collet

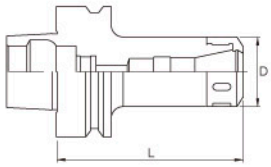




測試棒 TEST BAR

MODEL NO.	D	L	Roundness 真圓度	Concentricity 同心度
HSK50E-200	30	200	<0.0015	<0.003

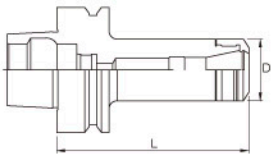




LT 高精度銑刀夾頭 COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	L
HSK63F-LT10-80	2-10.3	35	80
HSK63F-LT10-100	2-10.3	35	100
HSK63F-LT10-100-S	2-10.3	30	100
HSK63F-LT16-85	4-16	46	85
HSK63F-LT16-100	4-16	46	100

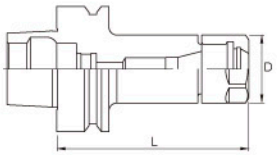




LR 整數柄ER銑刀夾頭 INTEGER HANDLECOLLET CHUCK/LR

MODEL NO.	Clamping Range	D	L	Collet
HSK63F-LR16-80	1-10	30	80	ER16
HSK63F-LR16-100	1-10	30	100	
HSK63F-LR20-80	2-13	35	80	ER20
HSK63F-LR20-100	2-13	35	100	
HSK63F-LR32-80	3-20	50	80	ER32
HSK63F-LR32-100	3-20	50	100	





ER 銑刀夾頭 SPRING COLLET CHUCK/ER

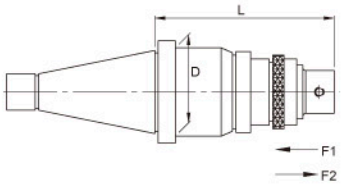
MODEL NO.	Clamping Range	D	L
HSK63F-ER16-80	0.5-10	28	80
HSK63F-ER16-100	0.5-10	28	100
HSK63F-ER20-80	1-13	34	80
HSK63F-ER20-100	1-13	34	100
HSK63F-ER32-80	2-20	50	80
HSK63F-ER32-100	2-20	50	100

LI KANG INDUSTRY CO., LTD

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NT Series 系列產品

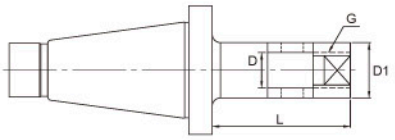






TPA 伸縮扭力攻牙器 TENSION COMPRESSION TAP HOLDER/TPA

MODEL NO.	Tapping Range	D	L	F1	F2	Collet Type
NT40-TPA316	M3-M16	53	130	10	20	TPA316
NT40-TPA830	M8-M30	68	160	10	25	TPA830
NT50-TPA316	M3-M16	53	130	10	25	TPA316
NT50-TPA830加長型	M8-M30	73	220	10	75	TPA830
NT50-TPA2042	M20-M48	85	225	-	10	TPA2042





SCA 側銑刀架 SIDE CUTTER HOLDER/SCA

MODEL NO.	D	D1	L	G
NT30-SCA25.4	25.4	40	3", 4", 5", 6"	1"x W16
NT40-SCA25.4	25.4	40	3", 4", 5", 6", 7", 8"	1"x W16
NT50-SCA25.4	25.4	40	3", 4", 5", 6", 7", 8"	1"x W16

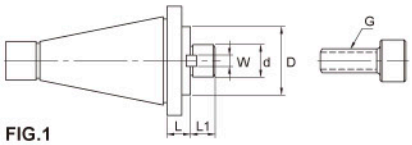


FIG.1

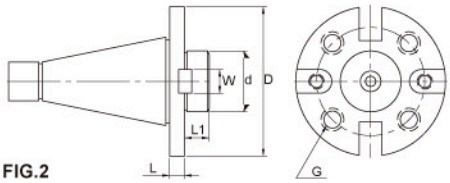
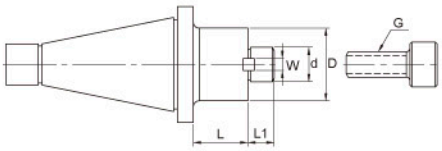


FIG.2



FMA 平面銑刀柄 FACE MILL A TYPE/FMA

MODEL NO.	Fig	L	L1	d	D	W	G
NT30-FMA25.4	1	18	19	25.4	-	9.5	M12
NT40-FMA25.4	1	18	19	25.4	-	9.5	M12
NT40-FMA31.75	1	20	21	31.75	-	12.7	M12
NT40-FMA38.1	1	20	23	38.1	82	15.9	M16
NT40-FMA47.625	2	22	32	47.625	128	25.4	M16
NT40-FMA50.8	1	20	24	50.8	95	19.05	M16
NT50-FMA25.4	1	20	19	25.4	64	9.5	M12
NT50-FMA31.75	1	20	21	31.75	74	12.7	M16
NT50-FMA38.1	1	20	23	38.1	82	15.9	M16
NT50-FMA47.625	2	24	32	47.625	128	25.4	M16
NT50-FMA50.8	1	20	24	50.8	97	19.05	M16





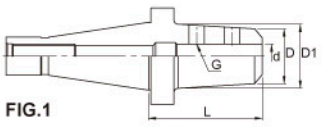


FIG.1

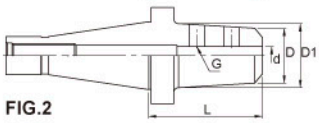


FIG.2



FMA 平面銑刀柄(增長型) FACE MILL A TYPE (LONG TYPE)/FMA

MODEL NO.	L	L1	d	D	W	G
NT50-FMA25.4-50	50	19	25.4	63	9.5	M12
NT50-FMA25.4-75	75	19	25.4	63	9.5	M12
NT50-FMA25.4-100	100	19	25.4	63	9.5	M12
NT50-FMA25.4-125	125	19	25.4	63	9.5	M12
NT50-FMA25.4-150	150	19	25.4	63	9.5	M12
NT50-FMA25.4-200	200	19	25.4	63	9.5	M12
NT50-FMA31.75-50	50	21	31.75	70	12.7	M16
NT50-FMA31.75-75	75	21	31.75	70	12.7	M16
NT50-FMA31.75-100	100	21	31.75	70	12.7	M16
NT50-FMA31.75-125	125	21	31.75	70	12.7	M16
NT50-FMA31.75-150	150	21	31.75	70	12.7	M16
NT50-FMA31.75-200	200	21	31.75	70	12.7	M16
NT50-FMA38.1-50	50	23	38.1	85	15.9	M16
NT50-FMA38.1-75	75	23	38.1	85	15.9	M16
NT50-FMA38.1-100	100	23	38.1	85	15.9	M16
NT50-FMA38.1-125	125	23	38.1	85	15.9	M16
NT50-FMA38.1-150	150	23	38.1	85	15.9	M16
NT50-FMA38.1-200	200	23	38.1	85	15.9	M16
NT50-FMA47.625-100	100	32	47.625	128	25.4	-
NT50-FMA50.8-50	50	24	50.8	92	19.05	M16
NT50-FMA50.8-75	75	24	50.8	92	19.05	M16
NT50-FMA50.8-100	100	24	50.8	92	19.05	M16
NT50-FMA50.8-150	150	24	50.8	92	19.05	M16

SLA 側固式立銑刀柄 SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	Fig	d	D	D1	L	G
NT40-SLA6-55	1	6	25	-	55	M6
NT40-SLA8-60	1	8	30	-	60	M8
NT40-SLA10-60	1	10	35	-	60	M8
NT40-SLA12-75	1	12	40	-	75	M10
NT40-SLA16-75	2	16	45	-	75	M10
NT40-SLA20-45	2	20	50	-	45	M12
NT40-SLA20-75	2	20	50	-	75	M12
NT40-SLA25-45	2	25	63	-	45	M16
NT40-SLA25-75	2	25	63	-	75	M16
NT40-SLA25-80	2	25	63	-	80	M16
NT40-SLA32-45	2	32	63	-	45	M16
NT40-SLA32-90	2	32	63	-	90	M16
NT50-SLA6-60	1	6	25	-	60	M6
NT50-SLA8-75	1	8	30	-	75	M8
NT50-SLA10-75	1	10	35	-	75	M8
NT50-SLA12-80	1	12	40	-	80	M10
NT50-SLA16-80	1	16	45	-	80	M10
NT50-SLA16-150	1	16	40	50	150	M10
NT50-SLA16-200	1	16	40	50	200	M10
NT50-SLA18-80	1	18	45	-	80	M10
NT50-SLA20-80	1	20	50	-	80	M12
NT50-SLA20-150	2	20	50	53	150	M12
NT50-SLA20-200	2	20	45	53	200	M12
NT50-SLA25-80	2	25	58	-	80	M16
NT50-SLA25-150	2	25	55	60	150	M16
NT50-SLA25-200	2	25	55	65	200	M16
NT50-SLA32-90	2	32	62	-	90	M16
NT50-SLA32-150	2	32	62	-	150	M16
NT50-SLA32-200	2	32	60	65	200	M16
NT50-SLA40-105	2	40	78	-	105	M20
NT50-SLA42-105	2	42	80	-	105	M20
NT50-SLA50.8-105	2	50.8	95	-	105	M20

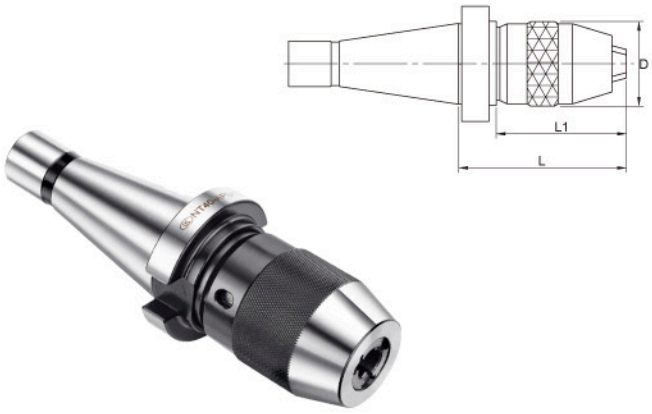
*NT50-SLA50.8全系列內孔附插銷。



《L含搪頭長度》

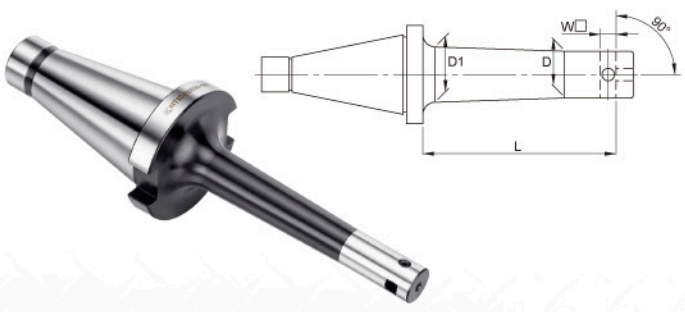
CK 雙刃粗(精)搪刀桿 BORING HOLDER/CK

MODEL NO.	D	L	L1	L2	Min-Max	Cutter
NT50-CK2-125	24	125	87	38	25-33	RBH25、CBH25
NT50-CK2-150	24	150	112	38	25-33	
NT50-CK2-180	24	180	142	38	25-33	
NT50-CK3-165	31	165	124	41	32-42	RBH32、CBH32
NT50-CK3-195	31	195	154	41	32-42	
NT50-CK4-165	39	165	118	47	40-55	RBH40、CBH40
NT50-CK4-200	39	200	153	47	40-55	
NT50-CK5-165	50	165	108	57	52-70	RBH52、CBH52
NT50-CK5-200	50	200	143	57	52-70	
NT50-CK5-240	50	240	183	57	52-70	
NT50-CK5-280	50	280	223	57	52-70	
NT50-CK6-135	64	135	64	71	68-92 90-122	RBH68、CBH68、LBJ16、RBH90、CBH100、CBH150
NT50-CK6-165	64	165	94	71		
NT50-CK6-200	64	200	129	71		
NT50-CK6-240	64	240	169	71		
NT50-CK6-280	64	280	209	71		



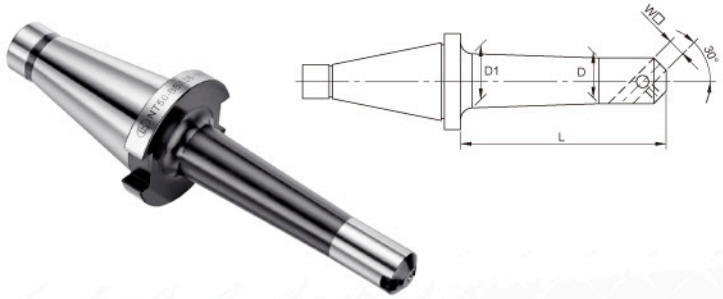
APU 一體式鑽夾頭 DRILL CHUCK HOLDER/APU

MODEL NO.	Clamping Range	L	L1	D
NT30-APU13	1-13	110	86.5	50.5
NT40-APU13	1-13	105	83.5	50.5
NT40-APU16	3-16	115	93.5	57
NT50-APU13	1-13	110	81	50.5
NT50-APU16	3-16	120	91	57



BSB 粗糖孔刀柄 90° BORING HOLDER B TYPE/BSB

MODEL NO.	Min-Max	D	D1	L	W□
NT50-BSB30-165	30-42	24	28	165	5/16
NT50-BSB62-240	62-90	50	58	240	5/8
NT50-BSB72-240	72-110	60	68	240	3/4



BSA 粗糖孔刀柄 30° BORING HOLDER A TYPE/BSA

MODEL NO.	Min-Max	D	D1	L	W□
NT50-BSA20-120	20-25	16	19	120	1/4
NT50-BSA25-165	25-38	20	24	165	5/16
NT50-BSA38-180	38-52	30	36	180	3/8
NT50-BSA50-285	50-65	40	46	285	1/2
NT50-BSA72-195	72-110	60	68	195	3/4
NT50-BSA72-240	72-110	60	68	240	3/4
NT50-BSA105-240	105-160	90	-	240	3/4



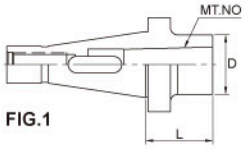


FIG.1

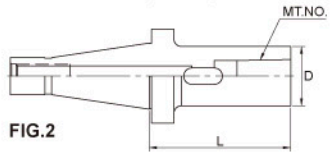
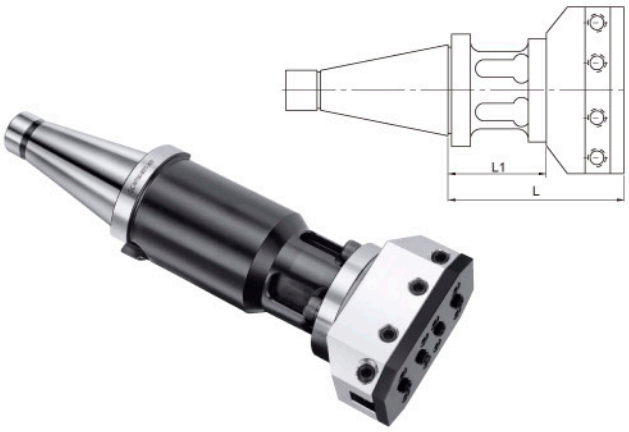


FIG.2

MTA 斜柄鑽頭套筒 MORSE TAPER HOLDER A TYPE/MTA

MODEL NO.	Fig	D	L	MT.NO.
NT30-MTA1	1	25	25	MTA1
NT30-MTA2	1	32	50	MTA2
NT30-MTA3	1	35	70	MTA3
NT40-MTA1	1	25	30	MTA1
NT40-MTA2	1	32	30	MTA2
NT40-MTA3	1	40	45	MTA3
NT40-MTA4	1	50	90	MTA4
NT50-MTA2	1	32	30	MTA2
NT50-MTA2-135	2	32	135	MTA2
NT50-MTA3	1	40	45	MTA3
NT50-MTA3-160	2	40	160	MTA3
NT50-MTA4	1	50	60	MTA4
NT50-MTA4-180	2	50	180	MTA4
NT50-MTA5	1	65	105	MTA5

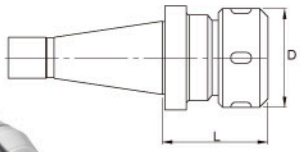


BST 大口徑搪孔刀柄 LARGE SIZE BORING HOLDER

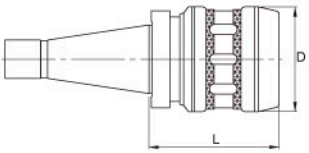
MODEL NO.	L1	L
NT50-BST-150	150	207
NT50-BST-200	200	257
NT50-BST-250	250	307


P47-Boring Block










P3-KCH Wrench


P3-Collet

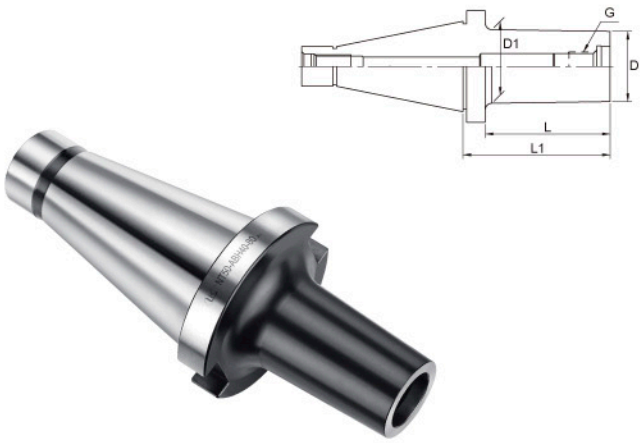

P54-OZ Collet

OZ 立銑刀夾頭 COLLET CHUCK/OZ

MODEL NO.	Clamping Range	L	D	Collet
NT30-OZ25	3-25	65	60	OZ25
NT40-OZ25	3-25	65	60	OZ25

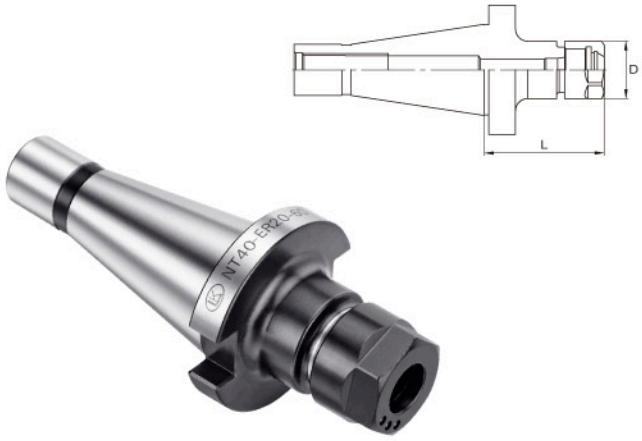
KCH 強力型精密銑刀夾頭 POWER MILL CHUCK/KCH

MODEL NO.	Clamping Range	L	D	Collet
NT40-KCH32-85	4-32	85	68	C32
NT40-KGH32-85	4-32	85	73	C32
NT50-KGH32-90	4-32	90	73	C32
NT50-KCH42-105	6-42	105	87	C42



ABH 微調搪孔刀柄 MICRO BORING HOLDER/ABH

MODEL NO.	Min-Max	L	L1	D	D1	G
NT50-ABH18-80	22-32	80	96	18	24	M10xP1.5
NT50-ABH18-120	22-32	120	136	18	24	M10xP1.5
NT50-ABH23-80	28-46	80	96	23	29	M12xP1.75
NT50-ABH23-120	28-46	120	136	23	29	M12xP1.75
NT50-ABH30-80	36-60	80	96	30	36	M16xP2.0
NT50-ABH30-130	36-60	130	146	30	36	M16xP2.0
NT50-ABH30-150	36-60	150	166	30	36	M16xP2.0
NT50-ABH40-80	46-80	80	96	40	46	M18xP2.5
NT50-ABH40-120	46-80	120	136	40	46	M18xP2.5
NT50-ABH40-200	46-80	200	216	40	46	M18xP2.5
NT50-ABH63-80	70-130	80	96	63	66	M25xP2.0
NT50-ABH63-120	70-130	120	136	63	66	M25xP2.0
NT50-ABH63-150	70-130	150	166	63	66	M25xP2.0
NT50-ABH63-200	70-130	200	216	63	66	M25xP2.0
NT50-ABH83-80	90-160	80	96	83	-	-
NT50-ABH83-150	90-160	150	166	83	-	-



ER 銑刀夾頭 SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	D	L
NT30-ER16-60	0.5-10	28	60
NT30-ER20-60	1-13	34	60
NT30-ER25-60	1-16	42	60
NT30-ER32-60	2-22	50	60
NT40-ER16-60	0.5-10	28	60
NT40-ER20-60	1-13	34	60
NT40-ER25-60	1-16	42	60
NT40-ER32-60	2-22	50	60
NT40-ER40-100	2-26	63	100
NT50-ER20-100	1-13	34	100
NT50-ER25-100	1-16	42	100
NT50-ER32-100	2-22	50	100
NT50-ER40-100	2-26	63	100


P25-ER Wrench


P25-ER Nut


P26-ER Collet

LI KANG INDUSTRY CO., LTD

Professional, Precise, Durable 專業、精密、耐用

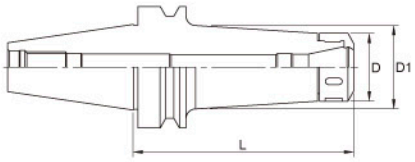


HBT
二面接觸

Series 系列產品



專利產品
Patented Product



LT 二面接觸高精度銑刀夾頭

DOUBLE FACE CONTACT COLLET CHUCK/LT

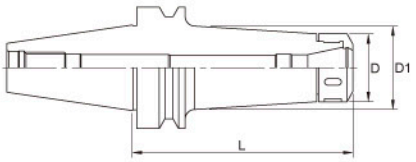
MODEL NO.	Clamping Range	D	D1	L	Collet
HBT30-LT06-70	2-6	20	-	70	LT06
HBT30-LT10-70	2-10.3	35	-	70	LT10
HBT30-LT16-70	3-16	46	-	70	LT16
HBT40-LT06-70	2-6	20	-	70	LT06
HBT40-LT06-100	2-6	20	23	100	
HBT40-LT06-125	2-6	20	25	125	
HBT40-LT06-150	2-6	20	27	150	
HBT40-LT08-70	2.6-8	25	-	70	LT08
HBT40-LT08-100	2.6-8	25	-	100	
HBT40-LT08-125	2.6-8	25	-	125	
HBT40-LT08-150	2.6-8	25	28	150	
HBT40-LT08-200	2.6-8	25	28	200	
HBT40-LT10-70	2-10.3	35	-	70	LT10
HBT40-LT10-100	2-10.3	35	-	100	
HBT40-LT10-125	2-10.3	35	-	125	
HBT40-LT10-150	2-10.3	35	-	150	
HBT40-LT10-200	2-10.3	35	40	200	
HBT40-LT12-100	3-12	40	-	100	LT12
HBT40-LT12-125	3-12	40	-	125	
HBT40-LT12-150	3-12	40	-	150	
HBT40-LT16-70	3-16	46	-	70	LT16
HBT40-LT16-100	3-16	46	-	100	
HBT40-LT16-125	3-16	46	-	125	
HBT40-LT16-150	3-16	46	-	150	
HBT40-LT16-200	3-16	46	50	200	
HBT40-LT16-250	3-16	46	50	250	

MODEL NO.	Clamping Range	D	D1	L	Collet
HBT40-LT20-70	4-20	50	-	70	LT20
HBT40-LT20-100	4-20	50	-	100	
HBT40-LT20-125	4-20	50	-	125	
HBT40-LT20-150	4-20	50	-	150	
HBT40-LT20-200	4-20	50	54	200	
HBT40-LT20-250	4-20	50	54	250	
HBT40-LT25-80	4-25	58	54	80	LT25
HBT40-LT25-100	4-25	58	-	100	
HBT40-LT25-125	4-25	58	-	125	
HBT40-LT25-150	4-25	58	-	150	
HBT40-LT25-200	4-25	58	-	200	
HBT40-LT25-250	4-25	58	-	250	
HBT40-LT32-90	10-32	68	-	90	LT32
HBT40-LT32-105	10-32	68	-	105	
HBT40-LT10-100-S	2-10.3	30	-	100	LT10
HBT40-LT10-125-S	2-10.3	30	-	125	
HBT40-LT10-150-S	2-10.3	30	-	150	
HBT40-LT10-200-S	2-10.3	30	-	200	
HBT40-LT10-250-S	2-10.3	30	-	250	
HBT40-LT12-100-S	3-12	35	-	100	LT12

PS: LT10與LT12有勾型螺帽及軸承型螺帽可選用。



專利產品 Patented Product



LT 二面接觸高精度銑刀夾頭

MODEL NO.	Clamping Range	D	D1	L	Collet
HBT50-LT10-100	2-10.3	35	-	100	LT10
HBT50-LT10-125	2-10.3	35	-	125	
HBT50-LT10-150	2-10.3	35	40	150	
HBT50-LT10-200	2-10.3	35	42	200	
HBT50-LT10-250	2-10.3	35	45	250	
HBT50-LT10-300	2-10.3	35	47	300	
HBT50-LT12-100	3-12	40	-	100	LT12
HBT50-LT12-125	3-12	40	-	125	
HBT50-LT12-150	3-12	40	-	150	
HBT50-LT12-200	3-12	40	-	200	
HBT50-LT12-250	3-12	40	-	250	
HBT50-LT16-100	3-16	46	-	100	LT16
HBT50-LT16-125	3-16	46	-	125	
HBT50-LT16-150	3-16	46	-	150	
HBT50-LT16-200	3-16	46	52	200	
HBT50-LT16-250	3-16	46	55	250	
HBT50-LT16-300	3-16	46	58	300	
HBT50-LT20-100	4-20	50	-	100	LT20
HBT50-LT20-125	4-20	50	-	125	
HBT50-LT20-150	4-20	50	54	150	
HBT50-LT20-200	4-20	50	57	200	
HBT50-LT20-250	4-20	50	57	250	
HBT50-LT25-100	4-25	58	-	100	LT25
HBT50-LT25-125	4-25	58	-	125	
HBT50-LT25-150	4-25	58	-	150	
HBT50-LT25-200	4-25	58	62	200	
HBT50-LT25-250	4-25	58	62	250	
HBT50-LT32-100	10-32	68	-	100	LT32
HBT50-LT32-135	10-32	68	-	135	
HBT50-LT32-165	10-32	68	-	165	
HBT50-LT32-200	10-32	68	-	200	

PS: LT10與LT12有勾型螺帽及軸承型螺帽可選用。

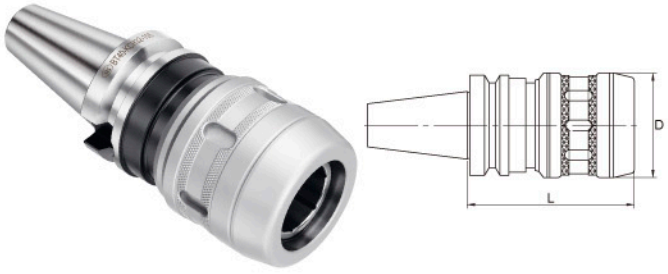
DOUBLE FACE CONTACT COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L	Collet
HBT50-LT10-150-S	2-10.3	30	-	150	LT10
HBT50-LT10-200-S	2-10.3	30	-	200	


P7-LT Wrench


P7-LT Nut


P8-LT Collet

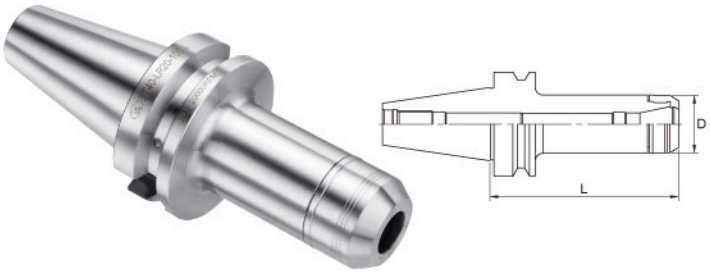


KCH 二面接觸強力型精密銑刀夾頭
DOUBLE FACE CONTACT POWER GRIP MILLING CHUCK/KCH

MODEL NO.	Clamping Range	L	D	Collet
HBT30-KCH16-70	4-16	70	42	C16
HBT30-KCH20-70-S	6-20	70	48	C20
HBT40-KCH16-75	4-16	75	42	C16
HBT40-KCH16-90	4-16	90	42	
HBT40-KCH16-105	4-16	105	42	
HBT40-KCH16-135	4-16	135	42	
HBT40-KCH20-75	6-20	75	52	C20
HBT40-KCH20-75-S	6-20	75	48	
HBT40-KCH20-90	6-20	90	52	
HBT40-KCH20-105	6-20	105	52	
HBT40-KCH20-135	6-20	135	52	
HBT40-KCH25-75	6-25	75	60	C25
HBT40-KCH25-95	6-25	95	60	
HBT40-KCH25-105	6-25	105	60	
HBT40-KCH32-95	4-32	95	68	C32
HBT40-KCH32-95-S	4-32	95	63	
HBT40-KCH32-105	4-32	105	68	
HBT40-KCH32-105-S	4-32	105	63	
HBT40-KCH32-135	4-32	135	68	
HBT50-KCH16-105	4-16	105	42	C16
HBT50-KCH16-135	4-16	135	42	
HBT50-KCH16-165	4-16	165	42	
HBT50-KCH20-105	6-20	105	52	C20
HBT50-KCH20-135	6-20	135	52	
HBT50-KCH20-165	6-20	165	52	
HBT50-KCH20-200	6-20	200	52	
HBT50-KCH25-105	6-25	105	60	C25
HBT50-KCH25-135	6-25	135	60	
HBT50-KCH25-165	6-25	165	60	
HBT50-KCH32-105	4-32	105	68	C32
HBT50-KCH32-135	4-32	135	68	
HBT50-KCH32-165	4-32	165	68	
HBT50-KCH32-200	4-32	200	68	
HBT50-KCH42-105	6-42	105	87	C42
HBT50-KCH42-135	6-42	135	87	
HBT50-KCH42-165	6-42	165	87	


P3-KCH Wrench


P3-Collet



LR 二面接觸整數柄ER銑刀夾頭
DOUBLE FACE CONTACT INTEGER HANDLE COLLET CHUCK/LR

MODEL NO.	Clamping Range	D	L	Collet
HBT30-LR16-70	1-10	30	70	ER16
HBT30-LR20-70	2-13	35	70	ER20
HBT30-LR25-70	2-16	42	70	ER25
HBT30-LR32-60	3-22	50	60	ER32
HBT40-LR16-70	1-10	30	70	ER16
HBT40-LR16-100	1-10	30	100	
HBT40-LR16-125	1-10	30	125	
HBT40-LR20-70	2-13	35	70	ER20
HBT40-LR20-100	2-13	35	100	
HBT40-LR20-125	2-13	35	125	
HBT40-LR20-150	2-13	35	150	
HBT40-LR25-70	2-16	42	70	ER25
HBT40-LR25-100	2-16	42	100	
HBT40-LR32-70	3-22	50	70	ER32
HBT40-LR32-100	3-22	50	100	
HBT40-LR32-150	3-22	50	150	
HBT40-LR32-200	3-22	50	200	
HBT50-LR16-100	1-10	30	100	ER16
HBT50-LR16-150	1-10	30	150	
HBT50-LR20-100	2-13	35	100	ER20
HBT50-LR20-150	2-13	35	150	
HBT50-LR20-200	2-13	35	200	
HBT50-LR20-250	2-13	35	250	
HBT50-LR20-300	2-13	35	300	
HBT50-LR25-100	2-16	42	100	ER25
HBT50-LR25-150	2-16	42	150	
HBT50-LR25-200	2-16	42	200	
HBT50-LR32-100	3-22	50	100	ER32
HBT50-LR32-150	3-22	50	150	
HBT50-LR32-200	3-22	50	200	
HBT50-LR32-250	3-22	50	250	
HBT50-LR32-300	3-22	50	300	

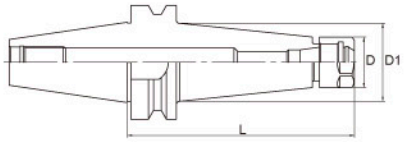
PS: LR20與LR25有勾型螺帽及軸承型螺帽可選用。


P25-LR Wrench


P25-LR Nut


P26-ER Collet





ER 二面接觸ER銑刀夾頭
DOUBLE FACE CONTACT SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	L	D	D1
HBT30-ER16-70	0.5-10	70	28	-
HBT30-ER20-70	1-13	70	34	-
HBT30-ER25-70	1-16	70	42	-
HBT30-ER32-70	2-20	70	50	-
HBT40-ER11-100	0.5-7	100	19	-
HBT40-ER11-100-HM	0.5-7	100	17	21
HBT40-ER11-125	0.5-7	125	19	-
HBT40-ER11-125-HM	0.5-7	125	17	22
HBT40-ER11-150-HM	0.5-7	150	17	25
HBT40-ER16-70	0.5-10	70	28	-
HBT40-ER16-100	0.5-10	100	28	-
HBT40-ER16-125	0.5-10	125	28	-
HBT40-ER16-125-HM	0.5-10	125	23	25
HBT40-ER16-150	0.5-10	150	28	32
HBT40-ER16-150-HM	0.5-10	150	23	28
HBT40-ER20-70	1-13	70	34	-
HBT40-ER20-100	1-13	100	34	-
HBT40-ER20-125	1-13	125	34	38
HBT40-ER20-125-M	1-13	125	28	35
HBT40-ER20-150	1-13	150	34	38.5
HBT40-ER20-150-M	1-13	150	28	35
HBT40-ER25-70	1-16	70	42	-
HBT40-ER25-100	1-16	100	42	-
HBT40-ER32-70	2-20	70	50	-
HBT40-ER32-100	2-20	100	50	-
HBT40-ER32-125	2-20	125	50	-
HBT40-ER32-150	2-20	150	50	-
HBT40-ER40-80	3-26	80	63	-
HBT40-ER40-100	3-26	100	63	-


P25-ER Wrench

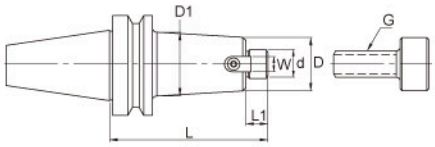

P25-ER Nut


P26-ER Collet

ER 二面接觸ER銑刀夾頭
DOUBLE FACE CONTACT SPRING COLLET CHUCK/ER

MODEL NO.	Clamping Range	L	D	D1
HBT50-ER16-100	0.5-10	100	28	-
HBT50-ER16-150	0.5-10	150	28	-
HBT50-ER16-200	0.5-10	200	28	-
HBT50-ER16-250	0.5-10	250	28	-
HBT50-ER16-300	0.5-10	300	28	-
HBT50-ER20-100	1-13	100	34	-
HBT50-ER20-150	1-13	150	34	-
HBT50-ER20-200	1-13	200	34	-
HBT50-ER20-250	1-13	250	34	48
HBT50-ER20-300	1-13	300	34	48
HBT50-ER20-350	1-13	350	34	-
HBT50-ER25-100	1-16	100	42	-
HBT50-ER25-150	1-16	150	42	-
HBT50-ER25-200	1-16	200	42	-
HBT50-ER25-250	1-16	250	42	50
HBT50-ER25-300	1-16	300	42	50
HBT50-ER25-350	1-16	350	42	-
HBT50-ER32-100	2-20	100	50	-
HBT50-ER32-150	2-20	150	50	-
HBT50-ER32-200	2-20	200	50	-
HBT50-ER32-250	2-20	250	50	58
HBT50-ER32-300	2-20	300	50	58
HBT50-ER32-350	2-20	350	50	-
HBT50-ER40-100	3-26	100	63	-
HBT50-ER40-150	3-26	150	63	-
HBT50-ER40-200	3-26	200	63	-
HBT50-ER40-250	3-26	250	63	-
HBT50-ER40-300	3-26	300	63	-
HBT50-ER40-350	3-26	350	63	-





FMA二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL A TYPE/FMA

MODEL NO.	L	L1	d	D	D1	W	G
HBT40-FMA25.4-45	45	19	25.4	55	-	9.5	M12
HBT40-FMA25.4-60	60	19	25.4	55	-	9.5	M12
HBT40-FMA25.4-90	90	19	25.4	55	57	9.5	M12
HBT40-FMA25.4-105	105	19	25.4	56	58	9.5	M12
HBT40-FMA25.4-125	125	19	25.4	53	58	9.5	M12
HBT40-FMA25.4-150	150	19	25.4	53	58	9.5	M12
HBT40-FMA31.75-45	45	21	31.75	60	-	12.7	M12
HBT40-FMA31.75-60	60	21	31.75	60	-	12.7	M12
HBT40-FMA31.75-75	75	21	31.75	60	-	12.7	M12

FMA二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL A TYPE/FMA

MODEL NO.	L	L1	d	D	D1	W	G
HBT50-FMA25.4-60	60	19	25.4	58	-	9.5	M12
HBT50-FMA25.4-75	75	19	25.4	58	-	9.5	M12
HBT50-FMA25.4-90	90	19	25.4	58	-	9.5	M12
HBT50-FMA25.4-105	105	19	25.4	60	-	9.5	M12
HBT50-FMA25.4-125	125	19	25.4	60	-	9.5	M12
HBT50-FMA25.4-150	150	19	25.4	60	-	9.5	M12
HBT50-FMA25.4-200	200	19	25.4	60	62	9.5	M12
HBT50-FMA25.4-250	250	19	25.4	59	61	9.5	M12
HBT50-FMA25.4-300	300	19	25.4	59	61	9.5	M12
HBT50-FMA31.75-60	60	21	31.75	70	-	12.7	M16
HBT50-FMA31.75-75	75	21	31.75	70	-	12.7	M16
HBT50-FMA31.75-90	90	21	31.75	70	-	12.7	M16
HBT50-FMA31.75-105	105	21	31.75	70	-	12.7	M16
HBT50-FMA31.75-125	125	21	31.75	71	73	12.7	M16
HBT50-FMA31.75-150	150	21	31.75	71	73	12.7	M16
HBT50-FMA31.75-200	200	21	31.75	7185	73	12.7	M16
HBT50-FMA38.1-45	45	23	38.1	85	-	15.9	M16
HBT50-FMA38.1-75	75	23	38.1	85	-	15.9	M16
HBT50-FMA38.1-105	105	23	38.1	85	-	15.9	M16
HBT50-FMA38.1-125	125	23	38.1	82	85	15.9	M16
HBT50-FMA50.8-45	45	24	50.8	97	-	19	M16
HBT50-FMA50.8-75	75	24	50.8	97	-	19	M16
HBT50-FMA50.8-105	105	24	50.8	97	-	19	M16
HBT50-FMA50.8-125	125	24	50.8	97	-	19	M16



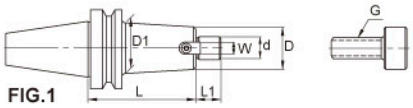


FIG.1

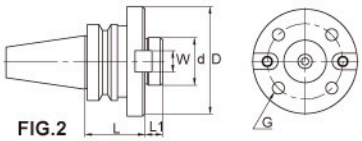


FIG.2

FMB 二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL B TYPE/FMB

MODEL NO.	Fig	L	L1	d	D	D1	W	G
HBT40-FMB22-60	1	60	18	22	45	-	10	M10
HBT40-FMB22-75	1	75	18	22	48	-	10	M10
HBT40-FMB22-90	1	90	18	22	48	-	10	M10
HBT40-FMB22-105	1	105	18	22	47	49	10	M10
HBT40-FMB22-125	1	125	18	22	45	49	10	M10
HBT40-FMB22-150	1	150	18	22	46	49	10	M10
HBT40-FMB22-200	1	200	18	22	46	49	10	M10
HBT40-FMB27-45	1	45	20	27	55	-	12	M12
HBT40-FMB27-60	1	60	20	27	55	-	12	M12
HBT40-FMB27-75	1	75	20	27	58	60	12	M12
HBT40-FMB27-90	1	90	20	27	60	-	12	M12
HBT40-FMB27-105	1	105	20	27	58	60	12	M12
HBT40-FMB27-125	1	125	20	27	56	60	12	M12
HBT40-FMB32-45	1	45	21	32	45	-	14	M16
HBT50-FMB22-60	1	60	18	22	46	-	10	M10
HBT50-FMB22-90	1	90	18	22	48	-	10	M10
HBT50-FMB22-105	1	105	18	22	48	-	10	M10
HBT50-FMB22-125	1	125	18	22	47	49	10	M10
HBT50-FMB22-125-H	1	125	18	22	58	62	10	M10
HBT50-FMB22-150	1	150	18	22	47	49	10	M10
HBT50-FMB22-150-H	1	150	18	22	58	62	10	M10
HBT50-FMB22-200	1	200	18	22	47	49	10	M10
HBT50-FMB22-200-H	1	200	18	22	58	62	10	M10
HBT50-FMB22-250	1	250	18	22	47	49	10	M10
HBT50-FMB22-250-H	1	250	18	22	58	62	10	M10
HBT50-FMB22-300	1	300	18	22	47	49	10	M10
HBT50-FMB22-300-H	1	300	18	22	58	62	10	M10
HBT50-FMB22-350	1	350	18	22	47	49	10	M10
HBT50-FMB22-350-H	1	350	18	22	58	62	10	M10
HBT50-FMB22-400	1	400	18	22	47	49	10	M10
HBT50-FMB22-400-H	1	400	18	22	58	62	10	M10

FMB 二面接觸平面銑刀柄
DOUBLE FACE CONTACT FACE MILL B TYPE/FMB

MODEL NO.	Fig	L	L1	d	D	D1	W	G
HBT50-FMB27-60	1	60	20	27	60	-	12	M12
HBT50-FMB27-75	1	75	20	27	60	-	12	M12
HBT50-FMB27-105	1	105	20	27	60	-	12	M12
HBT50-FMB27-125	1	125	20	27	60	63	12	M12
HBT50-FMB27-150	1	150	20	27	60	63	12	M12
HBT50-FMB27-200	1	200	20	27	60	62	12	M12
* HBT50-FMB27-250	1	250	20	27	60	62	12	M12
* HBT50-FMB27-300	1	300	20	27	60	63	12	M12
HBT50-FMB32-60	1	60	21	32	70	-	14	M16
HBT50-FMB32-75	1	75	21	32	70	-	14	M16
HBT50-FMB32-105	1	105	21	32	68	-	14	M16
HBT50-FMB32-125	1	125	21	32	71	-	14	M16
HBT50-FMB32-150	1	150	21	32	71	73	14	M16
HBT50-FMB32-200	1	200	21	32	71	73	14	M16
HBT50-FMB40-60	1	60	21	40	80	73	16	M16
HBT50-FMB40-75	1	75	21	40	80	-	16	M16
HBT50-FMB40-75-F	2	75	21	40	80	-	16	M16
HBT50-FMB40-90	1	90	21	40	80	-	16	M16
HBT50-FMB40-105	1	105	21	40	80	-	16	M16

*：為減重設計



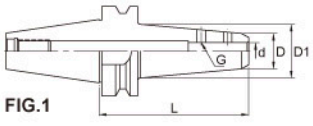


FIG.1

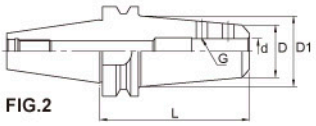


FIG.2

SLA二面接觸側固式立銑刀柄
DOUBLE FACE CONTACT SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	Fig	d	D	D1	L	G
HBT40-SLA6-75	1	6	25	-	75	M6
HBT40-SLA8-75	1	8	30	-	75	M8
HBT40-SLA8-105	1	8	25	30	105	M8
HBT40-SLA8-120	1	8	25	30	120	M8
HBT40-SLA8-150	1	8	24	30	150	M8
HBT40-SLA10-75	1	10	34	-	75	M8
HBT40-SLA10-105	1	10	30	34	105	M8
HBT40-SLA10-120	1	10	30	34	120	M8
HBT40-SLA10-150	1	10	30	34	150	M8
HBT40-SLA12-75	1	12	38	-	75	M10
HBT40-SLA12-105	1	12	35	40	105	M10
HBT40-SLA12-120	1	12	35	40	120	M10
HBT40-SLA12-150	1	12	34	40	150	M10
HBT40-SLA16-75	2	16	45	-	75	M10
HBT40-SLA16-120	2	16	40	45	120	M10
HBT40-SLA16-150	2	16	40	45	150	M10
HBT40-SLA20-90	2	20	50	-	90	M10
HBT40-SLA20-120	2	20	50	-	120	M12
HBT40-SLA20-150	2	20	45	50	150	M12
HBT40-SLA25-75	2	25	55	-	75	M16
HBT40-SLA25-90	2	25	57	-	90	M16
HBT40-SLA25-120	2	25	57	-	120	M16
HBT40-SLA25-150	2	25	55	60	150	M16
HBT40-SLA32-90	2	32	60	-	90	M16

SLA二面接觸側固式立銑刀柄
DOUBLE FACE CONTACT SIDE LOCK END MILL HOLDER/SLA

MODEL NO.	Fig	d	D	D1	L	G
HBT50-SLA8-105	1	8	28	-	105	M8
HBT50-SLA8-150	1	8	25	30	150	M8
HBT50-SLA10-105	1	10	34	-	105	M8
HBT50-SLA10-150	1	10	30	36	150	M8
HBT50-SLA10-200	1	10	30	40	200	M8
HBT50-SLA12-105	1	12	40	-	105	M10
HBT50-SLA12-150	1	12	35	40	150	M10
HBT50-SLA12-200	1	12	35	45	200	M10
HBT50-SLA16-105	1	16	45	-	105	M10
HBT50-SLA16-150	1	16	40	45	150	M10
HBT50-SLA16-200	1	16	40	50	200	M10
HBT50-SLA20-105	1	20	50	-	105	M12
HBT50-SLA20-150	1	20	45	50	150	M12
HBT50-SLA20-200	1	20	45	22	200	M12
HBT50-SLA25-105	2	25	58	-	105	M16
HBT50-SLA25-150	2	25	55	60	150	M16
HBT50-SLA25-200	2	25	55	62	200	M16
HBT50-SLA25-250	2	25	55	65	250	M16
HBT50-SLA25-300	2	25	55	62	300	M16
HBT50-SLA25-350	2	25	55	62	350	M16
HBT50-SLA32-105	2	32	62	-	105	M16
HBT50-SLA32-150	2	32	62	-	150	M16
HBT50-SLA32-200	2	32	60	62	200	M16
HBT50-SLA32-250	2	32	60	65	250	M16
HBT50-SLA32-300	1	32	60	65	300	M16
HBT50-SLA32-350	1	32	60	65	350	M16
HBT50-SLA40-120	2	40	78	-	120	M20



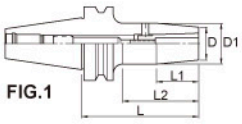


FIG.1

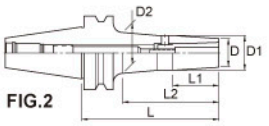


FIG.2

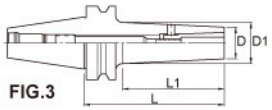


FIG.3



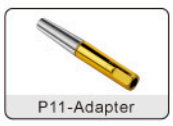
KG 二面接觸後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/KG

MODEL NO.	Fig	Clamping Range	L	L1	L2	D	D1	D2	Collet
HBT40-KG08-75	1	3-10	75	36	33	23	30	-	KG08
HBT40-KG08-100	1	3-10	100	36	63	23	30	-	
HBT40-KG08-150	2	3-10	150	36	116	23	30	37	
HBT40-KG08-200	2	3-10	200	36	165	23	30	40	
HBT40-KG08-250	2	3-10	250	36	210	23	30	40	
HBT40-KG08-300	2	3-10	300	36	260	23	30	45	
HBT40-KG14-75	1	6-14	75	40	43	26	34	-	KG14
HBT40-KG14-100	1	6-14	100	45	65	26	34	-	
HBT40-KG14-100-M	1	6-14	100	35	65	28	34	-	
HBT40-KG14-100-H	1	6-14	100	-	65	34	-	-	
HBT40-KG14-150	2	6-14	150	40	117	26	34	38	
HBT40-KG14-175	2	6-14	175	40	143	26	34	45	
HBT40-KG14-200	2	6-14	200	40	168	26	34	46	
HBT40-KG14-250	2	6-14	250	40	210	26	34	46	
HBT40-KG14-300	2	6-14	300	40	260	26	34	50	
HBT40-KG16-75	1	6-16	75	32	41	32	37	-	KG16
HBT40-KG16-100	1	6-16	100	45	69	32	39	-	
HBT40-KG20-75	3	10-20	75	46	-	38	45	-	KG20
HBT40-KG20-100	1	10-20	100	52	71	38	48	-	
HBT50-KG08-105	1	3-10	105	32	50	24	30	-	KG08
HBT50-KG14-105	1	6-14	105	45	59	28	30	-	KG14
HBT50-KG16-110	1	6-16	110	45	64	32	39	-	KG16
HBT50-KG16-160	1	6-16	160	108	115	32	49	-	
HBT50-KG16-200	1	6-16	200	148	155	32	55	-	

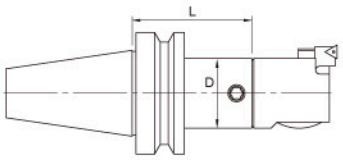
KG(S) 二面接觸細長後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/KG(S)

MODEL NO.	Clamping Range	L	L1	D	D1	Collet
HBT40-KG08-150-S	3-10	150	115	22	32	KG08
HBT40-KG08-200-S	3-10	200	165	22	32	
HBT40-KG08-250-S	3-10	250	210	22	34	
HBT40-KG08-300-S	3-10	300	260	22	34	
HBT40-KG14-150-S	6-14	150	115	26	34	KG14
HBT40-KG14-200-S	6-14	200	165	26	34	
HBT40-KG14-250-S	6-14	250	210	26	40	
HBT40-KG14-300-S	6-14	300	260	26	42	
HBT50-KG08-150-S	3-10	150	100	22	35	KG08
HBT50-KG08-200-S	3-10	200	150	22	35	
HBT50-KG08-250-S	3-10	250	200	22	35	
HBT50-KG08-300-S	3-10	300	250	22	35	
HBT50-KG14-150-S	6-14	150	100	25	38	KG14
HBT50-KG14-200-S	6-14	200	150	25	38	
HBT50-KG14-250-S	6-14	250	200	25	38	
HBT50-KG14-300-S	6-14	300	250	25	38	


P11-KG Collet


P11-Adapter





《L不含搪頭長度》

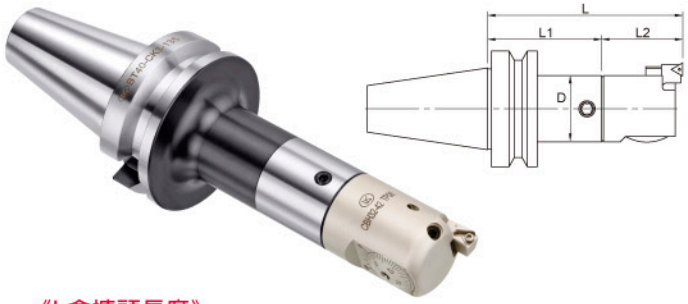
LBK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/LBK

MODEL NO.	D	L	Min-Max	Cutter
HBT30-LBK1-70	19	70	19-25	CBH20
HBT30-LBK2-80	24	80	25-33	RBH25, CBH25
HBT30-LBK3-80	31	80	32-42	RBH32, CBH32
HBT30-LBK4-70	39	70	40-55	RBH40, CBH40
HBT30-LBK5-60	50	60	52-70	RBH52, CBH52
HBT30-LBK6-60	64	60	68-92 90-122	RBH68, CBH68, LBJ16, RBH90, CBH100, CBH150
HBT40-LBK1-75	19	75	19-25	CBH20
HBT40-LBK1-90	19	90		
HBT40-LBK1-105	19	105		
HBT40-LBK2-85	24	85	25-33	RBH25, CBH25
HBT40-LBK2-100	24	100		
HBT40-LBK2-115	24	115		
HBT40-LBK3-95	31	95	32-42	RBH32, CBH32
HBT40-LBK3-125	31	125		
HBT40-LBK3-135	31	155		
HBT40-LBK4-85	39	85	40-55	RBH40, CBH40
HBT40-LBK4-130	39	130		
HBT40-LBK4-175	39	175		
HBT40-LBK5-75	50	75	52-70	RBH52, CBH52
HBT40-LBK5-125	50	125		
HBT40-LBK5-175	50	175		
HBT40-LBK6-65	64	65	68-92 90-122	RBH68, CBH68 LBJ16,RBH90 CBH100, CBH150
HBT40-LBK6-115	64	115		
HBT40-LBK6-165	64	165		
HBT40-LBK7-100	88	100	90-610	RBH90, RBH500 CBH100, CBH500
HBT50-LBK1-115	19	115	19-25	CBH20
HBT50-LBK1-145	19	145		
HBT50-LBK2-125	24	125	25-33	RBH25、CBH25
HBT50-LBK2-155	24	155		
HBT50-LBK3-125	31	125	32-42	RBH32、CBH32
HBT50-LBK3-155	31	155		
HBT50-LBK3-200	31	200		

《L不含搪頭長度》

LBK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/LBK

MODEL NO.	D	L	Min-Max	Cutter
HBT50-LBK4-115	39	115	40-55	RBH40、CBH40
HBT50-LBK4-145	39	145		
HBT50-LBK4-175	39	175		
HBT50-LBK4-205	39	205		
HBT50-LBK4-215	39	215		
HBT50-LBK4-255	39	255		
HBT50-LBK5-105	50	105	52-70	RBH52、CBH52
HBT50-LBK5-140	50	140		
HBT50-LBK5-180	50	180		
HBT50-LBK5-240	50	240		
HBT50-LBK5-300	50	300		
HBT50-LBK6-75	64	75	68-92 90-122	RBH68、CBH68 LBJ16、RBH90 CBH100、CBH150
HBT50-LBK6-95	64	95		
HBT50-LBK6-125	64	125		
HBT50-LBK6-170	64	170		
HBT50-LBK6-230	64	230		
HBT50-LBK6-290	64	290		
HBT50-LBK6-350	64	350		
HBT50-LBK6-400	64	400		
HBT50-LBK7-100	88	100	90-610	RBH90-RBH500 CBH100-CBH500
HBT50-LBK7-150	88	150		
HBT50-LBK7-200	88	200		
HBT50-LBK7-250	88	250		
HBT50-LBK7-300	88	300		
HBT50-LBK7-350	88	350		
HBT50-LBK7-400	88	400		
HBT50-LBK7-450	88	450		
HBT50-LBK7-500	88	500		
HBT50-LBK7-550	88	550		
HBT50-LBK7-600	88	600		



《L含搪頭長度》

CK 二面接觸CK雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/CK

MODEL NO.	D	L	L1	L2	Min-Max	Cutter
HBT40-CK2-120	24	120	82	38	25-33	RBH25、CBH25
HBT40-CK2-150	24	150	112	38		
HBT40-CK3-135	31	135	94	41	32-42	RBH32、CBH32
HBT40-CK3-165	31	165	124	41		
HBT40-CK4-135	39	135	88	47	40-55	RBH40、CBH40
HBT40-CK4-165	39	165	118	47		
HBT40-CK5-135	50	135	78	57	52-70	RBH52、CBH52
HBT40-CK5-165	50	165	108	57		
HBT40-CK6-135	64	135	64	71	68-92 90-122	RBH68、CBH68 LBJ16、RBH90 CBH100、CBH150
HBT40-CK6-165	64	165	94	71		
HBT50-CK5-285	50	285	228	57	50-70	RBH52、CBH52
HBT50-CK6-135	64	135	64	71	68-92 90-122	RBH68、CBH68 LBJ16、RBH90 CBH100、CBH150
HBT50-CK6-200	64	200	129	71		
HBT50-CK6-280	64	280	209	71		
HBT50-CK6-320	64	320	249	71		


P42-Adapter


P43-Boring Head



《L不含搪頭長度》

LCK 二面接觸雙刃粗(精)搪刀桿
DOUBLE FACE CONTACT BORING HOLDER/LCK

MODEL NO.	d	D	L	Min-Max	Cutter
HBT50-LCK7-100	58	88	100	90-610	RBH90-RBH500 CBH90-CBH500
HBT50-LCK7-150	58	88	150		
HBT50-LCK7-200	58	88	200		
HBT50-LCK7-250	58	88	250		



APU 二面接觸一體式鑽夾頭刀柄
DOUBLE FACE CONTACT DRILL CHUCK HOLDER

MODEL NO.	Clamping Range	D	L	L1
HBT40-APU13-105	1-13	50.5	105	80.5
HBT40-APU16-115	3-16	57	115	85



M 二面接觸鎖牙式刀桿
DOUBLE FACE CONTACT SCREWED END MILL HOLDER

MODEL NO.	L	L1	d	D	D1	G
HBT40-M10-60	60	25	10.5	18	23	M10
HBT40-M10-80	80	43	10.5	20	24	M10
HBT40-M10-80-S	80	45	10.5	19	23	M10
HBT40-M12-80	80	43	12.5	21	24	M12
HBT40-M16-80	80	43	17	30.5	31.5	M16
HBT40-M16-100	100	65	17	32	36	M16
HBT40-M16-100-S	100	65	17	31	34	M16



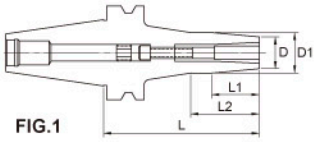


FIG.1

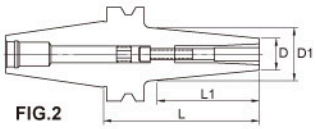
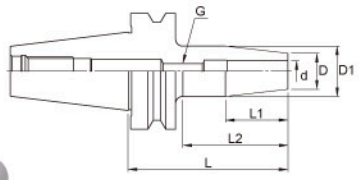


FIG.2





LB 二面接觸後拉式高精度銑刀夾頭
DOUBLE FACE CONTACT COLLET CHUCK/LB

MODEL NO.	Fig	Clamping Range	L	L1	L2	D	D1	Collet
HBT40-LB06-100	1	2.6-6	100	35	45	14	20	LB06
HBT40-LB06-125	2	2.6-6	125	60	-	14	23	LB06
HBT40-LB06-150	2	2.6-6	150	100	-	14	30	LB06
HBT40-LB08-100	1	2.6-8	100	30	38	19	24	LB08
HBT40-LB10-100	1	3-10	100	36	-	24	30	LB10
HBT40-LB12-100	2	3-12	100	67	-	34	40	LB12
HBT40-LB06-100-LH	1	3-6	100	35	43	14	20	LB06-LH
HBT40-LB06-100-LHS	1	3-6	100	56	61	14	19	LB06-LH
HBT40-LB06-125-LHS	1	3-6	125	56	65	14	20	LB06-LH



P21-LB Collet

HSL 二面接觸燒結式專用刀桿
DOUBLE FACE CONTACT SHRINK FIT CHUCK/HSL

MODEL NO.	d	D	D1	L	L1	L2	G
HBT30-HSL04-75	4	10	14	75	30	45	-
HBT30-HSL06-75	6	14	19	75	32	48	M8xP1.25
HBT40-HSL04-90	4	10	18	90	46	51	-
HBT40-HSL04-120	4	10	20	120	66	81	-
HBT40-HSL06-90	6	21	27	90	38	57	M8xP1.25
HBT40-HSL06-120	6	21	27	120	38	85	M8xP1.25
HBT40-HSL08-90	8	21	27	90	38	57	M10xP1.5
HBT40-HSL08-120	8	21	27	120	38	85	M10xP1.5
HBT40-HSL10-90	10	24	32	90	50	59	M12xP1.75
HBT40-HSL10-120	10	24	32	120	42	85	M12xP1.75
HBT40-HSL12-90	12	24	32	90	50	59	M10xP1.5
HBT40-HSL12-120	12	24	32	120	42	85	M10xP1.5
HBT40-HSL16-90	16	27	34	90	45	58	M12xP1.75
HBT40-HSL20-90	20	33	41	90	51	59	M12xP1.75
HBT40-HSL06-90-S	6	16	24	90	38	55	M8xP1.25
HBT40-HSL08-90-S	8	16	24	90	38	57	M10xP1.5
HBT40-HSL10-90-S	10	18	26	90	50	59	M12xP1.75
HBT40-HSL12-90-S	12	20	28	90	50	59	M10xP1.5
HBT50-HSL08-105	8	21	27	105	38	59	M10xP1.5
HBT50-HSL08-130	8	21	27	130	38	84	M10xP1.5
HBT50-HSL10-105	10	24	32	105	48	59	M12xP1.75
HBT50-HSL10-130	10	24	32	130	48	84	M12xP1.75
HBT50-HSL12-105	12	24	32	105	48	59	M14xP1.5
HBT50-HSL12-130	12	24	32	130	48	84	M14xP1.5
HBT50-HSLP16-105	16	27	34	105	43	59	-
HBT50-HSLP16-130	16	27	34	130	43	84	-
HBT50-HSLP20-105	20	33	42	105	43	59	-
HBT50-HSLP20-130	20	33	44	130	52	84	-

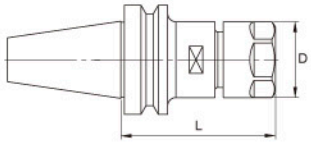
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Professional, Precise, Durable 專業、精密、耐用



NBT Series 系列產品





ER 無鍵槽銑刀夾頭
COLLET CHUCK WITHOUT KEYWAY/ER

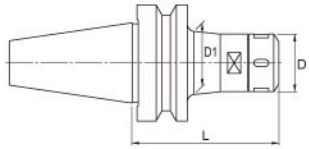






MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
NBT30-ER16-70	0.5-10	28	70	ER16(A)	ER16
NBT30-ER16(M)-70	0.5-10	23	70	ER16(M)	ER16
NBT30-ER20-70	1-13	34	70	ER20(A)	ER20
NBT30-ER20(M)-70	1-13	29	70	ER20(M)	ER20
NBT30-ER20(R)-70	1-13	30	70	ER20(R)	ER20
NBT30-ER20(B)-100	1-13	30	100	ER20(B)	ER20
NBT30-ER25-60	1-16	42	60	ER25(UM)	ER25
NBT30-ER25(R)-60	1-16	40	60	ER25(R)	ER25
NBT30-ER25-70	1-16	42	70	ER25(UM)	ER25
NBT30-ER25(R)-70	1-16	40	70	ER25(R)	ER25
NBT30-ER25-100	1-16	42	100	ER25(UM)	ER25
NBT30-ER32-70	2-20	50	70	ER32(UM)	ER32
NBT30-ER32-100	2-20	50	100	ER32(UM)	ER32







LT 無鍵槽高精度銑刀夾頭
COLLET CHUCK WITHOUT KEYWAY/LT



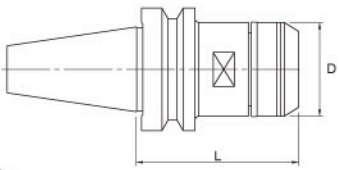




MODEL NO.	Clamping Range	Fig.	D	D1	L	L1	Collet
NBT30-LT06-70	2-6	1	20	-	70	-	LT06
NBT30-LT06-100	2-6	2	20	25	100	40	LT06
NBT30-LT08-70	2-8	1	25	-	70	-	LT08
NBT30-LT10-70	2-10.3	1	35	-	70	-	LT10
NBT30-LT10-100	2-10.3	1	35	-	100	-	LT10
NBT30-LT16-70	4-16	1	46	-	70	-	LT16
NBT30-LT16-100	4-16	1	46	-	100	-	LT16
NBT30-LT20-75	5-20	1	50	-	75	-	LT20
NBT30-LT20-100	5-20	1	50	-	100	-	LT20

PS: LT10有勾型螺帽及軸承型螺帽可選用。





LR 無鍵槽銑刀夾頭
COLLET CHUCK WITHOUT KEYWAY/LR



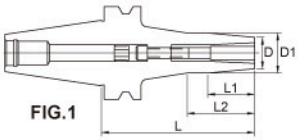


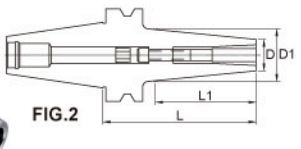


MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
NBT30-LR20-70	2-13	35	70	LR20-B	ER20
NBT30-LR20-100	2-13	35	100	LR20-B	ER20
NBT30-LR25-70	2-16	42	70	LR25	ER25
NBT30-LR25-100	2-16	42	100	LR25	ER25
NBT30-LR32-60	3-20	50	60	LR32	ER32
NBT30-LR32-100	3-20	50	100	LR32	ER32

PS: LR20, LR25有勾型螺帽及軸承型螺帽可選用。







LB 無鍵槽後拉式高精度銑刀夾頭
COLLET CHUCK WITHOUT KEYWAY/LB



MODEL NO.	Clamping Range	Fig.	D	D1	L	L1	L2	Collet
NBT30-LB06-70	2.6-6	2	14	19	70	40	-	LB06
NBT30-LB06-100	2.6-6	1	14	20	100	30	38	LB06
NBT30-LB08-70	3-8	2	19	24	70	42	-	LB08
NBT30-LB08-100	3-8	1	19	24	100	30	38	LB08
NBT30-LB12-75	3-12	2	34	-	70	52	-	LB12
NBT30-LB12-100	3-12	1	34	40	100	48	76	LB12

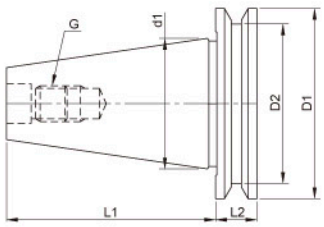
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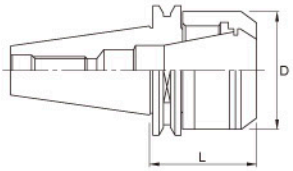


ISO
BT15
BT20

Series 系列產品













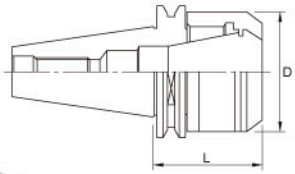
ISO 刀桿錐度尺寸 ISO SHANK INFORMATION

MODEL NO.	D1	D2	d1	L1	L2	G
ISO20	33	27	22.2	33.3	8	M8×P1.25
ISO25	37	31	25.4	39.4	8	M8×P1.25
ISO30	50	44.3	31.75	50.9	16	M12×P1.75

LR 整數柄ER銑刀夾頭 INTEGER HANDLE COLLET CHUCK/LR

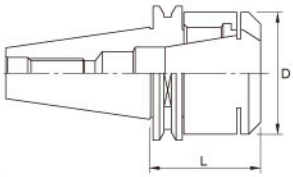
MODEL NO.	Clamping Range	D	L	Collet
ISO20-LR16-30-S	1-10	23	30	ER16











LT 高精度銑刀夾頭 COLLET CHUCK/LT







MODEL NO.	Clamping Range	D	L	Collet
ISO20-LT06-30	2-6	20	30	LT06
ISO25-LT06-35	2-6	20	35	LT06
ISO25-LT08-35	2-8	25	35	LT08
ISO25-LT10-35	2-10.3	30	35	LT10
ISO30-LT10-60	2-10.3	34	60	LT10
ISO30-LT16-70	3-16	46	70	LT16

ER 銑刀夾頭 SPRING COLLET CHUCK/ER

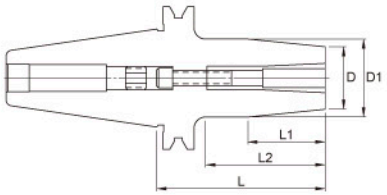






MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
ISO20-ER16-30-R	0.5-10	22	30	ER16(R)	ER16
ISO20-ER16-30-HR	0.5-10	23	30	ER16(HR)	ER16
ISO25-ER11-30-R	0.5-7	18	30	ER11(R)	ER11
ISO25-ER11-50-R	0.5-7	18	50	ER11(R)	ER11
ISO25-ER16-30-R	0.5-10	22	30	ER16(R)	ER16
ISO25-ER20-30-M	1-13	29	30	ER20(M)	ER20
ISO25-ER20-30-R	1-13	30	30	ER20(R)	ER20
ISO25-ER20-30-SR	1-13	31	30	ER20(SR)	ER20
ISO25-ER25-42-SR	1-16	30	42	ER25(SR)	ER25
ISO30-ER20-60-R	1-13	30	60	ER20(R)	ER20
ISO30-ER25-60-R	1-16	40	60	ER25(R)	ER25
ISO30-ER25-60-UM	1-16	42	60	ER25(UM)	ER25







LB 後拉式高精度銑刀夾頭 COLLET CHUCK/LB

MODEL NO.	Clamping Range	L	L1	L2	D	D1	Collet
ISO20-LB04-30	3-4	30	10	18	14	16	LB04
ISO25-LB06-30	2.6-6	30	10	17	16	18	LB06
ISO25-LB06-42	2.6-6	42	20	31	16	20	LB06



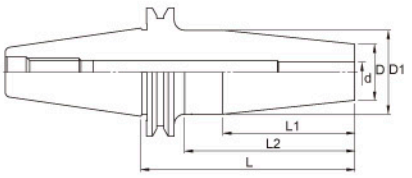


FIG.1

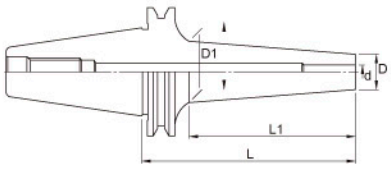
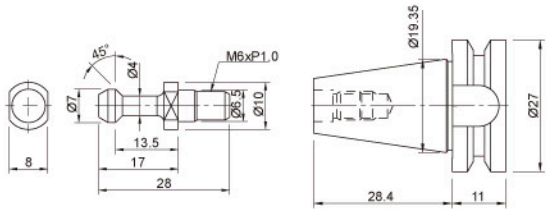


FIG.2

HSL 燒結式專用刀桿 SHRINK FIT CHUCK/HSL

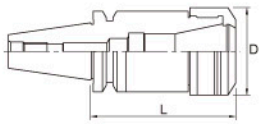
MODEL NO.	Fig.	d	D	D1	L	L1	L2	G
ISO25-HSL04-60	2	4	10	18	60	48	-	-
ISO25-HSL04-90	2	4	10	17	90	72	-	-
ISO25-HSL06-60-S	1	6	16	24	60	38	49	M8×P1.25
ISO25-HSL06-90	2	6	12	19	90	72	-	-
ISO25-HSL08-60-S	1	8	16	24	60	38	49	M6×P1.0
ISO25-HSL10-60	1	10	22	30	60	40	51	M8×P1.25
ISO25-HSL12-60	1	12	24	32	60	40	51	M8×P1.25



BT15 刀桿錐度尺寸
BT15 SHANK INFORMATION

專利產品 Patented Product





LT 高精度銑刀夾頭
COLLET CHUCK/LT

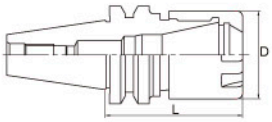






MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
BT15-LT06-40	2-6	20	40	LT06	LT06
BT15-LT08-45	2-8	25	45	LT08	LT08
BT15-LT10-60-S	2-10.3	30	60	LT10-S	LT10





ER 銑刀夾頭
SPRING COLLET CHUCK/ER

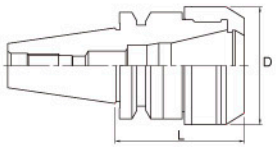






MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
BT15-ER11-40-HM	0.5-7	17	40	ER11(HM)	ER11
BT15-ER16-40-R	0.5-10	22	40	ER16(R)	ER16
BT15-ER16-40-M	0.5-10	23	40	ER16(M)	ER16





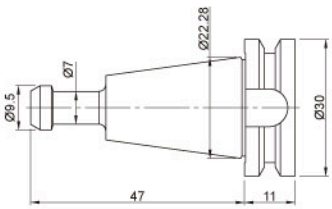
LR 整數柄ER銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR







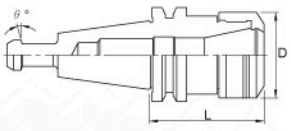
MODEL NO.	Clamping Range	D	L	Clamping Nut	Collet
BT15-LR16-40	1-10	30		LR16	ER16



BT20 刀桿錐度尺寸
BT20 SHANK INFORMATION

專利產品 Patented Product





LT 高精度銑刀夾頭
COLLET CHUCK/LT

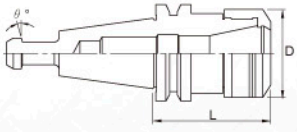






MODEL NO.	Clamping Range	D	L	θ °	Collet
BT20R1-LT10-48	2-10.3	30	48	15°	LT10
BT20R2-LT10-48	2-10.3	30	48	0°	LT10





LR 整數柄ER銑刀夾頭
INTEGER HANDLE COLLET CHUCK/LR







MODEL NO.	Clamping Range	D	L	θ °	Collet
BT20TR1-LR16-42	1-10	25	42	15°	ER16
BT20TR2-LR16-42	1-10	25	42	0°	ER16

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直柄 Straight Shank

斜柄 Morse Taper Extension

Series 系列產品



FIG.1

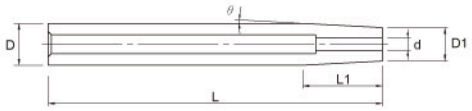
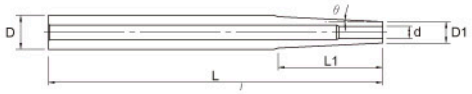


FIG.2



HSL 燒結延長桿 SHRINK FIT EXTENSION/HSL

MODEL NO.	Fig	L	L1	D	D1	d	θ °
C8-HSL03-80	3	80	15	8	-	3	0°
C8-HSL03-100	3	100	30	8	-	3	0°
C8-HSL04-80	3	80	15	8	-	4	0°
C8-HSL04-100	3	100	30	8	-	4	0°
C10-HSL03-100	1	100	43	10	6	3	3°
C10-HSL03-100-1	1	100	33	10	7	3	2.7°
C10-HSL03-120	1	120	43	10	6	3	3°
C10-HSL03-120-1	1	120	33	10	7	3	2.7°
C10-HSL04-100	1	100	38	10	7	4	3°
C10-HSL04-120	1	120	38	10	7	4	3°
C10-HSL04-120-1	1	120	15	10	9	4	3°
C10-HSL06-100	1	100	-	10	10	6	0°
C10-HSL06-120	1	120	-	10	10	6	0°
C12-HSL03-160-1	1	160	60	12	6	3	3°
C12-HSL03-160-2	1	160	50	12	7	3	3°
C12-HSL04-120-1	1	120	53	12	7	4	3°
C12-HSL04-120-2	1	120	43	12	8	4	3°
C12-HSL04-120-2-1	1	120	30	12	8	4	3.8°
C12-HSL04-160-1	1	160	50	12	7	4	3°
C12-HSL04-160-2	1	160	40	12	8	4	3°
C12-HSL04-160-2-1	1	160	30	12	8	4	3.8°
C12-HSL04-210-1	1	210	160	12	11.5	4	1.5°
C12-HSL05-210-1	1	210	160	12	11.5	5	1.5°
C12-HSL06-120-1	1	120	30	12	10	6	2.3°
C12-HSL06-160-1	1	160	30	12	10	6	2.3°
C12-HSL06-160-S1	1	160	30	12	9	6	3°
C12-HSL06-180-1	1	180	30	12	10	6	2.3°
C12-HSL06-200-1	1	200	30	12	10	6	2.3°
C12-HSL06-210-1	1	210	160	12	11.5	6	1.5°
C16-HSL04-120	1	120	38	16	9	4	4.6°
C16-HSL04-120-1	2	120	50	16	7	4	3°
C16-HSL04-120-1-1	1	120	70	16	7	4	4°
C16-HSL04-120-1-2	2	120	60	16	7	4	3°
C16-HSL04-120-1-3	2	120	75	16	7	4	3°
C16-HSL04-140-1	2	140	50	16	7	4	3°
C16-HSL04-140-1-1	1	140	70	16	7	4	4°
C16-HSL04-140-1-2	2	140	60	16	7	4	3°
C16-HSL04-140-1-3	2	140	75	16	7	4	3°
C16-HSL04-160-1	2	160	50	16	7	4	3°
C16-HSL04-160-1-1	1	160	90	16	7	4	3°
C16-HSL04-160-1-2	2	160	60	16	7	4	3°
C16-HSL04-160-1-3	2	160	75	16	7	4	3°
C16-HSL04-160-1-4	1	160	68	16	7	4	4°
C16-HSL04-160-2	2	160	50	16	8	4	3°
C16-HSL04-160-2-1	1	160	30	16	8	4	3.8°
C16-HSL04-160-3	1	160	60	16	10	4	3°
C16-HSL04-160-4	1	160	38	16	10	4	4.5°
C16-HSL04-160-S2	1	160	85	16	7.5	4	3°



FIG.1



FIG.2

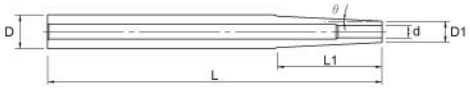
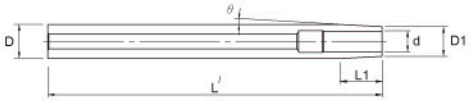


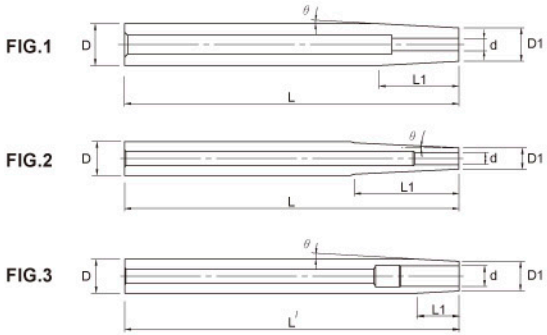
FIG.3



HSL 燒結延長桿 SHRINK FIT EXTENSION/HSL

MODEL NO.	Fig	L	L1	D	D1	d	θ °
C16-HSL05-160-1	1	160	50	16	8	5	4.5°
C16-HSL06-100-3	1	100	48	16	9	6	4.5°
C16-HSL06-100-4	1	100	41	16	10	6	4.5°
C16-HSL06-120-1	2	120	50	16	10	6	3°
C16-HSL06-120-2	1	120	40	16	12	6	3°
C16-HSL06-120-3	1	120	48	16	9	6	4.5°
C16-HSL06-120-4	1	120	41	16	10	6	4.5°
C16-HSL06-120-S1	2	120	62	16	9	6	3°
C16-HSL06-160-1	2	160	50	16	10	6	3°
C16-HSL06-160-2	1	160	40	16	12	6	3°
C16-HSL06-160-3	1	160	48	16	9	6	4.5°
C16-HSL06-160-4	1	160	41	16	10	6	4.5°
C16-HSL06-160-S1	1	160	70	16	9	6	3°
C16-HSL06-200-2	1	200	40	16	12	6	3°
C16-HSL06-250-2	1	250	40	16	12	6	3°
C16-HSL08-120-1	1	120	40	16	12	8	3°
C16-HSL08-120-4	3	120	16	16	-	8	0°
C16-HSL08-160-1	1	160	40	16	12	8	3°
C16-HSL08-160-2	1	160	30	16	13	8	3°
C16-HSL08-160-3	1	160	20	16	14	8	3°
C16-HSL08-160-4	3	160	16	16	-	8	0°
C16-HSL08-160-S1	1	160	50	16	11	8	3°
C16-HSL08-200-3	1	200	20	16	14	8	3°
C16-HSL08-250-3	1	250	20	16	14	8	3°
C16-HSL10-120-1	3	120	20	16	14	10	3°
C16-HSL10-160-1	3	160	20	16	14	10	3°
C16-HSL10-160-2	3	160	15	16	16	10	0°
C16-HSL10-160-S1	3	160	30	16	13	10	3°
C16-HSL12-160	3	120	30	16	15	12	1°
C20-HSL04-120	1	120	38	20	14	4	4.5°
C20-HSL04-160	1	160	65	20	10	4	4.5°
C20-HSL04-200	1	200	65	20	10	4	4.5°
C20-HSL06-120-1	2	120	50	20	10	6	4.5°
C20-HSL06-120-2	1	120	53	20	12	6	4.5°
C20-HSL06-120-3	1	120	63	20	14	6	3°
C20-HSL06-160-1	2	160	50	20	10	6	4.5°
C20-HSL06-160-2	1	160	50	20	12	6	4.5°
C20-HSL06-160-3	1	160	60	20	14	6	3°
C20-HSL06-160-4	2	160	70	20	10	6	3°
C20-HSL06-160-5	2	160	70	20	12	6	3°
C20-HSL06-160-S1	1	160	65	20	10	6	4.5°
C20-HSL06-200-1	2	200	70	20	10	6	3°
C20-HSL06-200-2	1	200	70	20	10	6	4.5°
C20-HSL06-200-3	1	200	80	20	12	6	3°
C20-HSL06-200-4	1	200	60	20	14	6	3°
C20-HSL06-250-1	1	250	55	20	12	6	4.5°
C20-HSL06-300-1	1	300	55	20	12	6	4.5°

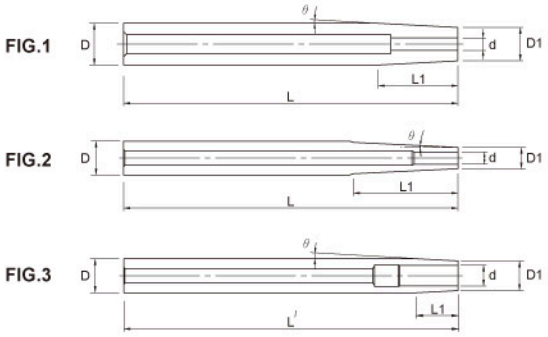




HSL 燒結延長桿 SHRINK FIT EXTENSION/HSL

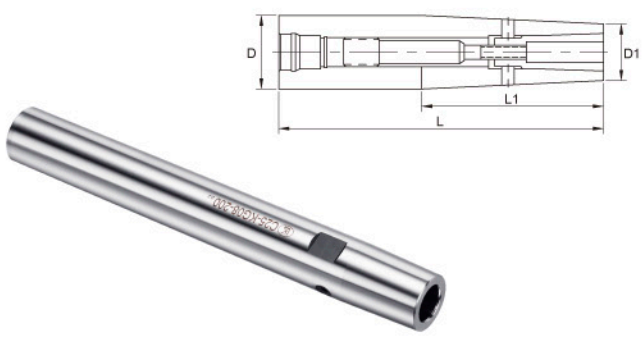
MODEL NO.	Fig	L	L1	D	D1	d	θ °
C20-HSL08-160-1	1	160	50	20	12	8	4.5°
C20-HSL08-160-2	1	160	45	20	13	8	4.5°
C20-HSL08-160-3	1	160	60	20	14	8	3°
C20-HSL08-200-1	2	200	60	20	12	8	3°
C20-HSL08-200-2	1	200	50	20	12	8	4.5°
C20-HSL08-200-3	1	200	70	20	13	8	3°
C20-HSL08-200-4	1	200	60	20	14	8	3°
C20-HSL08-250-1	1	250	40	20	14	8	4.5°
C20-HSL08-300-1	1	300	40	20	14	8	4.5°
C20-HSL10-120	1	120	-	20	-	10	0°
C20-HSL10-160-1	1	160	50	20	15	10	3°
C20-HSL10-160-2	1	160	40	20	16	10	3°
C20-HSL10-160-3	1	160	-	20	-	10	0°
C20-HSL10-160-4	1	160	24	20	18	10	3°
C20-HSL10-200-1	1	200	50	20	15	10	3°
C20-HSL10-200-2	1	200	40	20	16	10	3°
C20-HSL10-200-4	1	200	24	20	18	10	3°
C20-HSL10-250-2	1	250	40	20	16	10	3°
C20-HSL12-160-1	3	160	50	20	15	12	3°
C20-HSL12-160-2	3	160	30	20	17	12	3°
C25-HSL04-250-1	2	250	100	25	7	4	3°
C25-HSL04-300-1	2	300	120	25	8	4	3°
C25-HSL04-300-2	2	300	120	25	7	4	3°
C25-HSL06-200-1	2	200	80	25	10	6	3°
C25-HSL06-250-1	2	250	100	25	9	6	3°
C25-HSL06-300-1	2	300	120	25	10	6	3°
C25-HSL06-300-2	2	300	120	25	9	6	3°
C25-HSL08-200-1	2	200	75	25	12	8	3°
C25-HSL08-300-1	2	300	120	25	12	8	3°
C25-HSL10-160-1	2	160	50	25	15	10	4.5°
C25-HSL10-160-1-1	2	160	70	25	15	10	3°
C25-HSL10-160-2	1	160	60	25	16	10	4.5°
C25-HSL10-160-2-1	1	160	90	25	16	10	3°
C25-HSL10-160-3	1	160	70	25	18	10	3°
C25-HSL10-160-4	1	160	50	25	20	10	3°
C25-HSL10-200-1	2	200	50	25	15	10	4.5°
C25-HSL10-200-1-1	2	200	75	25	15	10	3°
C25-HSL10-200-2	1	200	60	25	16	10	4.5°
C25-HSL10-200-3	1	200	70	25	18	10	3°
C25-HSL10-200-4	1	200	50	25	20	10	3°
C25-HSL10-250-1	2	250	50	25	15	10	4.5°
C25-HSL10-250-2	1	250	60	25	16	10	4.5°
C25-HSL10-250-3	1	250	70	25	18	10	3°





HSL 燒結延長桿 SHRINK FIT EXTENSION/HSL

MODEL NO.	Fig	L	L1	D	D1	d	θ °
C25-HSL10-250-4	2	250	100	25	14	10	3°
C25-HSL10-300-1	1	300	100	25	15	10	3°
C25-HSL10-300-2	2	300	100	25	14	10	3°
C25-HSL12-160-1	1	160	50	25	17	12	4.5°
C25-HSL12-160-1-1	2	160	60	25	17	12	3°
C25-HSL12-160-2	1	160	45	25	18	12	4.5°
C25-HSL12-160-3	1	160	50	25	20	12	3°
C25-HSL12-160-4	1	160	20	25	22	12	4.5°
C25-HSL12-200-1	2	200	60	25	17	12	3°
C25-HSL12-200-2	1	200	50	25	17	12	4.5°
C25-HSL12-200-3	1	200	70	25	18	12	3°
C25-HSL12-200-4	1	200	50	25	20	12	3°
C25-HSL12-200-5	1	200	30	25	22	12	3°
C25-HSL12-250-1	2	250	60	25	17	12	3°
C25-HSL12-250-2	1	250	50	25	17	12	4.5°
C25-HSL12-250-3	1	250	70	25	18	12	3°
C25-HSL14-160	3	160	32.5	25	20	14	4.5°
C25-HSL14-200	3	200	32.5	25	20	14	4.5°
C25-HSL16-160	3	160	20	25	22	16	4.5°
C25-HSL16-200	3	200	20	25	22	16	4.5°
C32-HSL10-100	3	100	51	32	24	10	4.5°
C32-HSL12-100	3	100	51	32	24	12	4.5°
C32-HSL12-160	1	160	53	32	24	12	4.5°
C32-HSL12-200	1	200	53	32	24	12	4.5°
C32-HSL14-100	3	100	32	32	27	14	4.5°
C32-HSL16-100	3	100	32	32	27	16	4.5°
C32-HSL16-160	1	160	34	32	27	16	4.5°
C32-HSL16-160-1	1	160	52	32	24	16	4.5°
C32-HSL16-180-1	1	180	52	32	24	16	4.5°
C32-HSL16-200	2	200	50	32	24	16	40°
C32-HSL16-200-1	1	200	52	32	24	16	4.5°
C32-HSL16-200-2	1	200	34	32	27	16	4.5°
C32-HSL16-200-3	1	200	53	32	27	16	3°
C32-HSL18-100	3	100	32	32	27	18	4.5°
C32-HSL20-100	3	100	32	32	27	20	4.5°
C32-HSL20-160	1	160	34	32	27	20	4.5°
C32-HSL20-160-1	3	160	34	32	27	20	4.5°
C32-HSL20-180-1	3	180	34	32	27	20	4.5°
C32-HSL20-200	1	200	34	32	27	20	4.5°
C32-HSL20-200-1	3	200	34	32	27	20	4.5°

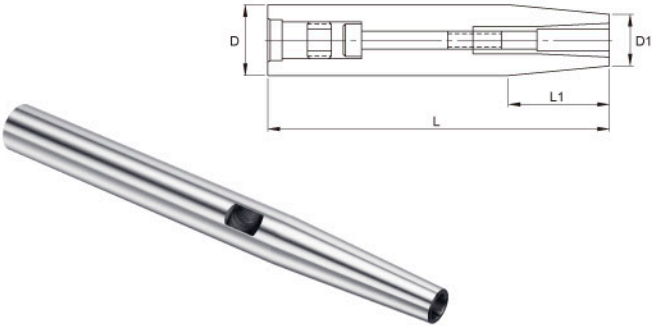


KG 直柄後拉式銑刀夾頭 STRAIGHT SHANK COLLET CHUCK/KG

MODEL NO.	Clamping Range	L	L1	D	D1	Collet
C25-KG08-150	3-10	150	35	25	23	KG08
C25-KG08-200	3-10	200	35	25	23	
C25-KG08-250	3-10	250	35	25	23	
C25-KG14-200	6-14	200	-	25	25	KG14
C32-KG08-200	3-10	200	80	32	23	KG08
C32-KG08-250	3-10	250	80	32	23	
C32-KG08-300	3-10	300	80	32	23	
C32-KG08-350	3-10	350	90	32	23	
C32-KG14-150	6-14	150	60	32	26	KG14
C32-KG14-200	6-14	200	50	32	26	
C32-KG14-250	6-14	250	80	32	26	
C32-KG16-200	6-16	200	-	32	32	KG16


P11-KG Collet


P11-Adapter



LB 直柄後拉式銑刀夾頭 STRAIGHT SHANK COLLET CHUCK/LB

MODEL NO.	Clamping Range	L	L1	D	D1	Collet
C10-LB04-80	3-4	80	-	10	10	LB04
C10-LB04-100	3-4	100	-	10	10	
C10-LB04-130	3-4	130	-	10	10	
C12-LB04-100	3-4	100	16	12	10.5	LB04
C12-LB04-130	3-4	130	16	12	10.5	
C12-LB04-160	3-4	160	60	12	11	
C12-LB04-220	3-4	220	110	12	11	
C16-LB06-150	2.6-6	150	30	16	14	LB06
C20-LB06-200	2.6-6	200	70	20	14	LB06
C20-LB08-200	3-8	200	20	20	18	LB08
C25-LB06-250	2.6-6	250	100	25	14	LB06
C25-LB10-200	3-10	200	54	25	24	LB10


P21-LB Collet



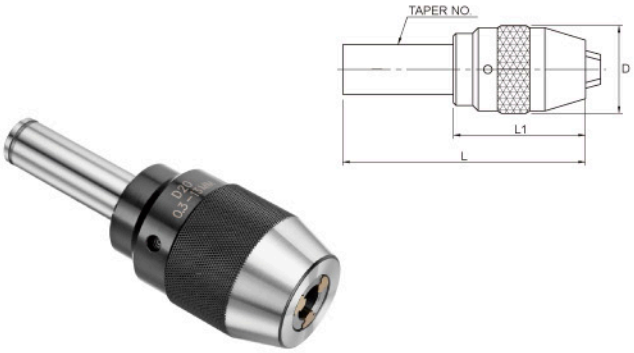
《L不含搪頭長度》

CK 直柄雙刃粗(精)搪刀桿 STRAIGHT SHANK BORING HOLDER/CK

MODEL NO.	Boring Range	D	L	L1	Cutter
C19-CK1-150	19-25	19	150	35	CBH20
C20-CK1-150	19-25	20	150	35	CBH20
C25-CK2-150	25-33	25	150	45	RBH25、CBH25
C25-CK2-180	25-33	25	180		
C25-CK2-250	25-33	25	250		
C25-CK2-300	25-33	25	300		
C32-CK3-165	32-42	32	165	55	RBH32、CBH32
C32-CK3-200	32-42	32	200		
C32-CK3-250	32-42	32	250		
C32-CK3-300	32-42	32	300		
C40-CK4-300	40-55	40	300	65	RBH40、CBH40
C40-CK4-350	40-55	40	350		


P42-Adapter

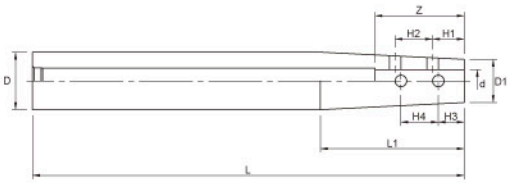

P43-Boring Head



APU 一體式鑽夾頭 DRILL CHUCK HOLDER/APU

MODEL NO.	Clamping Range	L	L1	D	Taper NO.
C20-APU08	0.3-8	121	61	37.5	C20
C20-APU13	1-13	141	81	50.5	C20
C20-APU16	3-16	145	85	57	C20
C25-APU13	1-13	160	81	50.5	C25
C25-APU16	3-16	165	85	57	C25
C32-APU13	1-13	162	81	50.5	C32
C32-APU16	3-16	167	85	57	C32
MT2-APU08	0.3-8	142	61	37.5	MT2
MT3-APU13	1-13	180	81	50.5	MT3
MT3-APU16	3-16	186	85	57	MT3
MT4-APU13	1-13	206	81	50.5	MT4
MT4-APU16	3-16	210	85	57	MT4

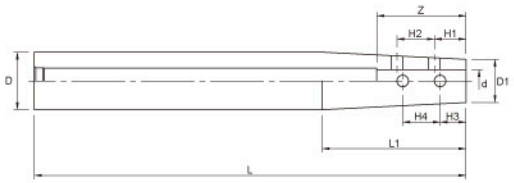




SLA 直柄側固式刀柄 SRAIGHT SHANK SIDE LOCK END MILL HOLDER

MODEL NO.	d	D	D1	L	L1	Z	H1	H2	H3	H4
C10-SLA4-150	4	10	10	150	-	-	5.5	10	10.5	-
C12-SLA3-120	3	12	10	120	25	-	5	7	-	-
C12-SLA4-120	4	12	12	120	-	-	5.5	10	10.5	-
C12-SLA4-150	4	12	12	150	23	-	5.5	10	10.5	-
C12-SLA4-200	4	12	12	200	-	-	5.5	10	10.5	-
C12-SLA6-120	6	12	12	120	-	-	8	10	-	-
C12-SLA6-150	6	12	12	150	-	-	7	13	13.5	-
C16-SLA4-120	4	16	9	120	40	-	6	8	-	-
C16-SLA4-150	4	16	9	150	55	-	6	8	-	-
C16-SLA4-150-H	4	16	10	150	85	-	6	9	10.5	-
C16-SLA4-200	4	16	9	200	70	-	6	8	-	-
C16-SLA4.2-250	4.2	16	13	250	50	-	5.5	7.5	7.5	-
C16-SLA5-250	5	16	13	250	80	-	6	8.5	8.5	-
C16-SLA5.2-250	5.2	16	13	250	50	-	6	8.5	8.5	-
C16-SLA6-120	6	16	12	120	30	-	8	10	-	-
C16-SLA6-150	6	16	12	150	30	-	8	10	-	-
C16-SLA6-200	6	16	12	200	50	-	8	10	-	-
C16-SLA6-200-S	6	16	10	200	60	-	7	12	13	-
C16-SLA6-250	6	16	12	250	50	-	8	10	-	-
C16-SLA6.8-250	6.8	16	13	250	80	-	8	11	11	-
C16-SLA8-150	8	16	14	150	30	35	7	14	14	-
C16-SLA8-150-T	8	16	14	150	30	-	7	14	14	-
C16-SLA8-200	8	16	16	200	-	40	7	14	14	-
C20-SLA6-150	6	20	12	150	50	-	6	14	13	-
C20-SLA6-150-S	6	20	10	150	70	-	6	14	13	-
C20-SLA6-160	6	20	11	160	60	-	6	17	11	17
C20-SLA6-200	6	20	12	200	50	-	11	14	13	-
C20-SLA6-200-S	6	20	11	200	80	-	10	10	-	-
C20-SLA6-250	6	20	12	250	80	-	6	14	13	-
C20-SLA6-270	6	20	10.5	270	70	-	8	10	-	-
C20-SLA6.8-250	6.8	20	13	250	80	-	8	10	10	-
C20-SLA8-150	8	20	15	150	50	-	7	14	14	-
C20-SLA8-150-S	8	20	13	150	60	-	7	14	14	-
C20-SLA8-200	8	20	15	200	60	-	7	14	14	-
C20-SLA8-200-S	8	20	13	200	70	-	10	11	-	-
C20-SLA8-250	8	20	15	250	60	-	7	16	15	-
C20-SLA8-270	8	20	15	270	60	-	15	15	-	-
C20-SLA8-300	8	20	17	300	60	-	7	16	15	-
C20-SLA10-150	10	20	18	150	30	-	10	14	17	-
C20-SLA10-150-S	10	20	16	150	50	-	10	14	17	-
C20-SLA10-200	10	20	18	200	50	-	11	13	-	-
C20-SLA10-200-S	10	20	16	200	70	-	11	13	-	-
C20-SLA10-250	10	20	18	250	50	-	10	16	18	-
C20-SLA10-300	10	20	19	300	50	45	10	16	18	-
C20-SLA10.3-200	10.3	20	18	200	50	-	11	12	38	-
C20-SLA10.3-250	10.3	20	18	250	50	-	11	12	38	-
C20-SLA11.5-150	11.5	20	17	150	50	-	20	15	20	15

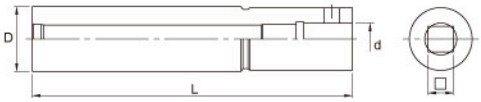




SLA 直柄側固式刀柄 SRAIGHT SHANK SIDE LOCK END MILL HOLDER

MODEL NO.	d	D	D1	L	L1	Z	H1	H2	H3	H4
C20-SLA12-150	12	20	20	150	-	-	12	14	-	-
C20-SLA12-150-S	12	20	17	150	50	-	20	15	-	-
C20-SLA12-200	12	20	20	200	-	50	12	14	-	-
C20-SLA12-200-T	12	20	20	200	-	-	12	14	-	-
C20-SLA12-250	12	20	20	250	-	50	12	14	-	-
C20-SLA12-300	12	20	20	300	80	50	12	14	12	14
C20-SLA12.7-200	12.7	20	20	200	70	50	12	14	12	14
C20-SLA12.7-250	12.7	20	20	250	70	50	12	14	12	14
C20-SLA12.7-300	12.7	20	20	300	80	50	12	14	12	14
C25-SLA12-150	12	25	21	150	50	-	13	15	-	-
C25-SLA12-200	12	25	21	200	60	-	13	15	-	-
C25-SLA12.7-300	12.7	25	25	300	80	50	12	14	12	14
C25-SLA12.7-400	12.7	25	25	400	80	50	12	14	12	14
C25-SLA16-150	16	25	25	150	40	60	12	20	22	-
C25-SLA16-200	16	25	25	200	-	60	12	23	22	-
C32-SLA10-150	10	32	19	150	60	-	12	15	-	-
C32-SLA10-200	10	32	19	200	80	-	12	15	-	-
C32-SLA10-200-S	10	32	17	200	100	-	12	15	19.5	-
C32-SLA10-250	10	32	19	250	100	-	12	15	-	-
C32-SLA10-250-S	10	32	17	250	120	-	12	15	19.5	-
C32-SLA10-300	10	32	19	300	100	-	12	15	19.5	-
C32-SLA12-150	12	32	21	150	60	-	13	15	-	-
C32-SLA12-200	12	32	21	200	80	-	13	15	-	-
C32-SLA12-250	12	32	21	250	100	-	13	15	-	-
C32-SLA12-300	12	32	21	300	100	-	13	15	-	-
C32-SLA16-150	16	32	26	150	50	-	14	16	-	-
C32-SLA16-200	16	32	26	200	80	-	14	16	-	-
C32-SLA16-250	16	32	26	250	80	-	14	16	-	-
C32-SLA16-300	16	32	26	300	100	-	14	16	-	-
C32-SLA20-150	20	32	30	150	30	80	14	16	-	-
C32-SLA20-200	20	32	30	200	60	80	14	16	-	-
C32-SLA20-250	20	32	30	250	70	80	14	16	-	-
C32-SLA20-300	20	32	30	300	80	80	14	16	-	-
C32-SLA20-350	20	32	30	350	80	80	14	16	-	-
C42-SLA20-200	20	42	32	200	60	80	16	20	16	20
C42-SLA20-250	20	42	32	250	100	80	16	20	16	20
C42-SLA20-300	20	42	32	300	100	80	16	20	16	20
C42-SLA25-200	25	42	38	200	60	100	18	22	18	22
C42-SLA25-250	25	42	38	250	70	100	18	22	18	22
C42-SLA25-300	25	42	38	300	100	100	18	22	18	22
C42-SLA32-200	32	42	41	200	50	100	20	24	20	24
C42-SLA32-250	32	42	41	250	50	100	20	24	20	24
C42-SLA32-300	32	42	41	300	50	100	20	24	20	24



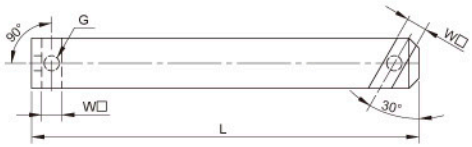


M 直柄絲攻延長桿 STRAIGHT SHANK TAP EXTENSION

MODEL NO.	L	D	d	□
C10-M4-75	75	10	5	4
C10-M4-100	100	10		
C10-M4-150	150	10		
C12-M4-75	75	12	5	4
C12-M4-100	100	12		
C12-M4-150	150	12		
C12-M4-200	200	12		
C12-M5-75	75	12	5.5	4.5
C12-M5-100	100	12		
C12-M5-150	150	12		
C12-M5-200	200	12		
C12-M6-75	75	12	6	4.5
C12-M6-100	100	12		
C12-M6-150	150	12		
C12-M8-80	80	12	6.2	5
C12-M8-100	100	12		
C12-M8-150	150	12		
C14-M10-150	150	14	7	5.5
C14-M12-150	150	14	8.5	6.5
C16-M4-150	150	16	5	4
C16-M4-200	200	16		
C16-M4-250	250	16		
C16-M5-150	150	16	5.5	4.5
C16-M5-200	200	16		
C16-M5-220	220	16		
C16-M5-250	250	16		
C16-M6-150	150	16	6	4.5
C16-M6-200	200	16		
C16-M6-230	230	16		
C16-M6-250	250	16		
C16-M6-300	300	16		
C16-M8-75	75	16	6.2	5
C16-M8-100	100	16		
C16-M8-150	150	16		
C16-M8-200	200	16		
C16-M8-250	250	16		
C16-M8-300	300	16		
C16-M10-80	80	16	7	5.5
C16-M10-100	100	16		
C16-M10-150	150	16		
C16-M10-200	200	16		
C16-M10-250	250	16		
C16-M10-300	300	16		
C16-M12-150	150	16	8.5	6.5

M 直柄絲攻延長桿 STRAIGHT SHANK TAP EXTENSION

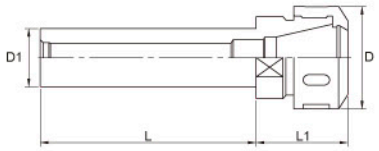
MODEL NO.	L	D	d	□
C20-M4-200	200	20	5	4
C20-M8-250	250	20	6.2	5
C20-M10-80	80	20	7	5.5
C20-M10-100	100	20		
C20-M10-120	120	20		
C20-M10-150	150	20		
C20-M10-200	200	20		
C20-M10-250	250	20		
C20-M12-80	80	20	8.5	6.5
C20-M12-100	100	20		
C20-M12-150	150	20		
C20-M12-200	200	20		
C20-M12-250	250	20		
C20-M12-300	300	20		
C20-M14-80	80	20	10.5	8
C20-M14-100	100	20		
C20-M14-150	150	20		
C20-M14-200	200	20		
C20-M14-250	250	20		
C20-M14-350	350	20		
C20-M16-80	80	20	12.5	10
C20-M16-100	100	20		
C20-M16-150	150	20		
C20-M16-200	200	20		
C20-M18-120	120	20	14	11
C20-M18-150	150	20		
C20-M18-200	200	20		
C25-M10-250	250	25	7	5.5
C25-M12-150	150	25	8.5	6.5
C25-M12-200	200	25		
C25-M12-250	250	25		
C25-M12-300	300	25		
C25-M16-100	100	25	12.5	10
C25-M16-150	150	25		
C25-M16-200	200	25		
C25-M16-250	250	25		
C25-M16-400	400	25		
C25-M18-100	100	25	14	11
C25-M18-150	150	25		
C25-M18-200	200	25		
C25-M18-250	250	25		
C25-M20-100	100	25	15	12
C25-M20-150	150	25		
C25-M20-200	200	25		
C25-M20-250	250	25		
C25-M20-400	400	25		





BS 直柄搪孔刀柄 STRAIGHT SHANK BORING HOLDER

MODEL NO.	D	L	W□	G
C16-BS130	16	130	1/4、6	M5
C16-BS150	16	150	1/4、6	M5
C16-BS200	16	200	1/4、6	M5
C20-BS150	20	150	5/16、8	M6
C20-BS200	20	200	5/16、8	M6
C20-BS300	20	300	5/16、8	M6
C25-BS200	25	200	5/16、8	M6
C25-BS250	25	250	5/16、8	M6
C25-BS300	25	300	5/16、8	M6
C32-BS250	32	250	3/8、10	M8
C32-BS300	32	300	3/8、10	M8
C42-BS250	42	250	1/2、13	M10
C42-BS300	42	300	1/2、13	M10
C42-BS350	42	350	1/2、13	M10
C42-BS400	42	400	1/2、13	M10





LT 直柄夾頭 STRAIGHT SHANK COLLET CHUCK/LT

MODEL NO.	Clamping Range	D	D1	L	L1
C20-LT06-150	2-6	20	20	120	30
C20-LT06-200	2-6	20	20	150	50
C20-LT06-250	2-6	20	20	175	75
C20-LT10-75	2-10.3	35	20	75	35
C20-LT10-120	2-10.3	35	20	85	35
C25-LT10-75	2-10.3	35	25	75	35
C25-LT10-120	2-10.3	35	25	85	35
C32-LT16-75	4-16	46	32	75	45
SL40-LT25-75	8-25	58	40	75	45

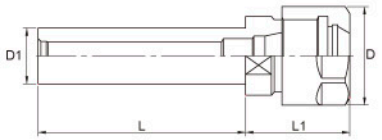
PS：SL為銑平面規格


P7-LT Wrench


P7-LT Nut


P8-LT Collet





ER 直柄夾頭 STRAIGHT SHANK SPRING COLLET CHUCK/ER

MODEL NO.	D	D1	L	L1
C16-ER11-50	19	16	50	25
C16-ER11-100	19	16	100	25
C20-ER16-50	28	20	50	30
C20-ER16-60	28	20	60	30
C20-ER16-100	28	20	100	30
C20-ER16-150	28	20	110	40
C20-ER16-200	28	20	125	75
C20-ER20-50	34	20	50	35
C20-ER20-75	34	20	75	35
C20-ER20-100	34	20	100	35
C20-ER20-150	34	20	150	35
C20-ER20-200	34	20	200	35
C20-ER20-250	34	20	150	100
C20-ER20-300	34	20	180	120
C25-ER16-50	28	25	50	30
C25-ER16-100	28	25	100	30
C25-ER16-150	28	25	120	30
C25-ER16-200	28	25	170	30
C25-ER16-250	28	25	220	30
C25-ER16-300	28	25	260	40
C25-ER16-350	28	25	310	40
C25-ER16-400	28	25	360	40
C25-ER20-50	34	25	50	35
C25-ER20-75	34	25	75	35
C25-ER20-100	34	25	100	35
C25-ER20-150	34	25	150	35
C25-ER20-200	34	25	120	80
C25-ER20-250	34	25	150	105
C25-ER20-300	34	25	180	125
C25-ER20-350	34	25	180	170
C25-ER20-400	34	25	200	200
C25-ER20-500	34	25	450	50
C25-ER20-600	34	25	550	50
C25-ER25-75	42	25	75	35
C25-ER25-100	42	25	100	35
C25-ER25-200	42	25	120	80

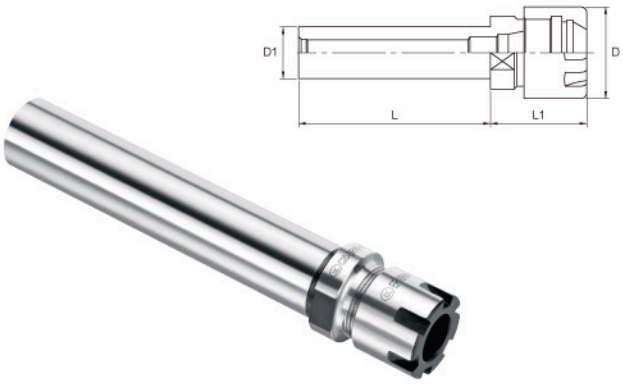
ER 直柄夾頭 STRAIGHT SHANK SPRING COLLET CHUCK/ER

MODEL NO.	D	D1	L	L1
C25-ER25-250	42	25	150	100
C25-ER25-300	42	25	180	120
C25-ER32-200	50	25	110	90
C25-ER32-250	50	25	150	100
C25-ER32-300	50	25	180	120
C25-ER32-350	50	25	210	140
C32-ER20-150	34	32	115	40
C32-ER20-200	34	32	165	40
C32-ER20-250	34	32	215	40
C32-ER20-300	34	32	265	40
C32-ER20-350	34	32	315	40
C32-ER20-400	34	32	365	40
C32-ER20-450	34	32	415	40
C32-ER25-75	42	32	75	35
C32-ER25-100	42	32	100	35
C32-ER25-150	42	32	100	55
C32-ER25-200	42	32	130	75
C32-ER25-250	42	32	150	105
C32-ER25-300	42	32	180	125
C32-ER32-100	50	32	100	40
C32-ER32-150	50	32	150	40
C32-ER32-200	50	32	150	50
C32-ER32-250	50	32	160	90
C32-ER32-300	50	32	160	140
C32-ER32-350	50	32	180	170
C32-ER32-400	50	32	200	200
C32-ER40-100	63	32	100	50
C32-ER40-200	63	32	130	70
C42-ER25-200	42	42	135	65
C42-ER25-300	42	42	185	115
C42-ER32-100	50	42	100	35
C42-ER32-150	50	42	100	50
C42-ER32-200	50	42	120	80
C42-ER32-300	50	42	170	130


P25-ER Wrench


P25-ER Nut


P26-ER Collet



ER 直柄夾頭-M型
STRAIGHT SHANK SPRING COLLET CHUCK/ER(M)

MODEL NO.	D	D1	L	L1
C16-ER11-50-HM	17	16	50	25
C16-ER11-75-HM	17	16	75	25
C16-ER11-100-HM	17	16	100	25
C16-ER11-150-HM	17	16	130	20
C16-ER11-200-HM	17	16	150	50
C16-ER11-250-HM	17	16	150	100
C16-ER11-300-HM	17	16	180	120
C16-ER11-350-HM	17	16	200	150
C16-ER11-400-HM	17	16	200	200
C16-ER16-80-M	23	16	80	30
C20-ER11-75-M	16	20	75	25
C20-ER11-100-M	16	20	100	25
C20-ER16-50-HM	23	20	50	30
C20-ER16-75-HM	23	20	75	30
C20-ER16-100-HM	23	20	100	30
C20-ER16-150-HM	23	20	110	40
C20-ER16-200-HM	23	20	125	75
C20-ER16-250-HM	23	20	150	100
C20-ER16-300-HM	23	20	200	100
C20-ER16-350-HM	23	20	250	100
C20-ER16-400-HM	23	20	300	100
C20-ER20-50-M	29	20	50	35
C20-ER20-75-M	29	20	75	35
C20-ER20-100-M	29	20	100	35
C20-ER20-150-M	29	20	110	40
C20-ER20-200-M	29	20	120	80
C20-ER20-250-M	29	20	150	100
C20-ER20-300-M	29	20	180	120
C20-ER20-350-M	29	20	180	170
C20-ER20-400-M	29	20	200	200
C25-ER16-100-HM	23	25	100	30
C25-ER16-100-M	29	25	100	30
C25-ER20-150-M	29	25	110	40
C25-ER20-200-M	29	25	120	80
C25-ER20-250-M	29	25	150	100
C25-ER20-300-M	29	25	180	120
C25-ER20-350-M	29	25	180	170
C25-ER20-400-M	29	25	180	220



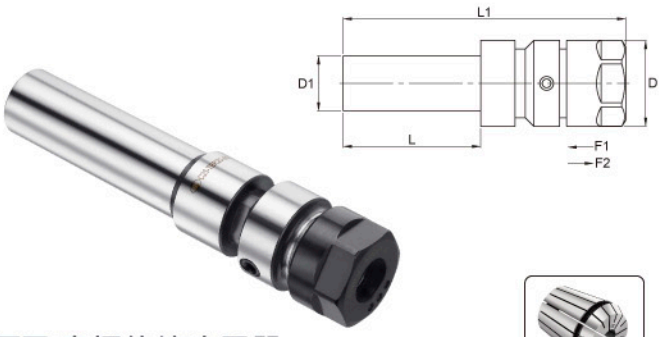
ER 直柄夾頭-側固型
STRAIGHT SHANK SPRING COLLET CHUCK/SIDE LOCK TYPE

MODEL NO.	D	D1	L	L1
SL20-ER11-75-M	16	20	75	25
SL20-ER11-100-M	16	20	100	25
SL20-ER16-50	28	20	50	30
SL20-ER16-100	28	20	100	30
SL20-ER16-150	28	20	110	40
SL20-ER16-200	28	20	125	75
SL20-ER20-50	34	20	50	35
SL20-ER20-75	34	20	75	35
SL20-ER20-100	34	20	100	35
SL20-ER20-150	34	20	150	35
SL20-ER20-200	34	20	200	35
SL25-ER16-50	28	25	50	30
SL25-ER16-100	28	25	100	30
SL25-ER20-50	34	25	50	35
SL25-ER20-75	34	25	75	35
SL25-ER20-100	34	25	100	35
SL25-ER20-150	34	25	150	35
SL25-ER25-75	42	25	75	35
SL25-ER25-100	42	25	100	35
SL32-ER25-75	42	32	75	35
SL32-ER25-100	42	32	100	35
SL32-ER32-75	50	32	75	40
SL32-ER32-100	50	32	100	40
SL32-ER32-150	50	32	150	40
SL32-ER32-200	50	32	150	40


P25-ER Wrench


P25-ER Nut


P26-ER Collet




P26-Collet

ER 直柄伸縮攻牙器
STRAIGHT SHANK RIGID TAP HOLDER

MODEL NO.	Tapping Range	L	L1	D	D1	F1	F2
C20-TER16-80	M3-M12	80	130	28	20	4	8
C20-TER20-80	M4-M16	80	150	34	20	4	8
C25-TER16-80	M3-M12	80	130	28	25	4	8
C25-TER20-80	M4-M16	80	150	34	25	4	8
C32-TER32-80	M8-M27	80	170	50	32	4	10
C32-TER32-150	M8-M27	150	240	50	32	4	10
SL40-TER32-80	M8-M27	80	170	50	32	4	10

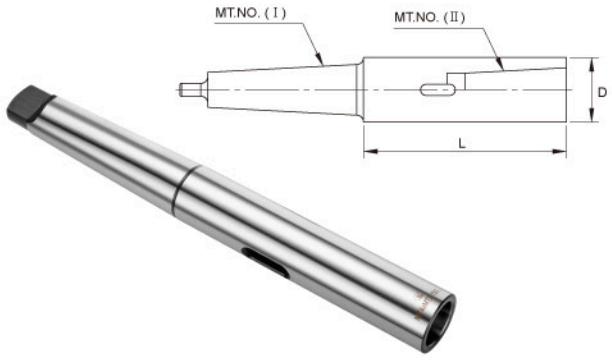
PS：另有銑平面規格(SL)




P18-TPA Collet

TPA 直柄/斜柄伸縮扭力攻牙器
STRAIGHT/MORSE TAPER SHANK

MODEL NO.	Tapping Range	D	L	F1	F2	Collet	Taper No.
C20-TPA316	M3-M16	53	130	10	20	TPA316	C20
C25-TPA316-ES	M3-M16	42	95	0.5	0	TPA316	C25
C32-TPA316	M3-M16	53	130	10	20	TPA316	C32
C32-TPA830	M8-M30	68	180	10	25	TPA830	C32
MT2-TPA316-ES	M3-M16	42	95	0.5	0	TPA316	MT2
MT3-TPA316	M3-M16	53	130	10	20	TPA316	MT3
MT3-TPA316-ES	M3-M16	42	95	0.5	0	TPA316	MT3
MT4-TPA316	M3-M16	53	130	10	20	TPA316	MT4
MT4-TPA830	M8-M30	68	180	10	25	TPA830	MT4
MT5-TPA830	M8-M30	73	245	10	75	TPA830	MT5



MT 延長鑽頭套筒 MORSE TAPER EXTENSION

MODEL NO.	MT.NO.(Ⅰ)	MT.NO.(Ⅱ)	D	L
MT2 x MT1-150	MT2	MT1	20	145
MT2 x MT1-200	MT2	MT1	20	195
MT3 x MT1-200	MT3	MT1	25	200
MT3 x MT2-150	MT3	MT2	25	150
MT3 x MT2-200	MT3	MT2	25	200
MT3 x MT2-250	MT3	MT2	25	250
MT4 x MT3-150	MT4	MT3	32	150
MT4 x MT3-200	MT4	MT3	32	200
MT4 x MT3-250	MT4	MT3	32	250
MT4 x MT3-300	MT4	MT3	32	300
MT4 x MT4-150	MT4	MT4	40	150
MT4 x MT4-200	MT4	MT4	40	200
MT4 x MT4-250	MT4	MT4	40	250
MT4 x MT4-300	MT4	MT4	40	300
MT5 x MT4-150	MT5	MT4	45	150
MT5 x MT4-200	MT5	MT4	45	200
MT5 x MT4-250	MT5	MT4	45	250
MT5 x MT4-300	MT5	MT4	45	300
MT5 x MT5-180	MT5	MT5	58	180
MT5 x MT5-220	MT5	MT5	65	220
MT5 x MT5-250	MT5	MT5	58	250
MT5 x MT5-300	MT5	MT5	58	300
MT5 x MT5-350	MT5	MT5	58	350
MT5 x MT5-400	MT5	MT5	58	400

LI KANG INDUSTRY CO., LTD

Professional, Precise, Durable 專業、精密、耐用

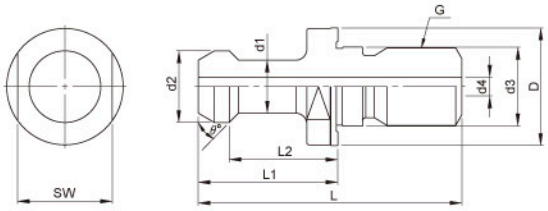




配件 Accessories

Series 系列產品





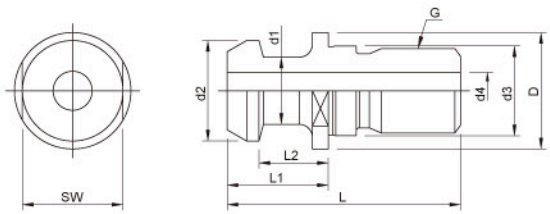
拉頭 PULL STUD

MODEL NO.	D	d1	d2	d3	d4	L	L1	L2	θ °	SW	G
BT30-45°	16.5	7	11	12.5	(2)	43	23	18	45°	13	M12×P1.75
BT30-60°	16.5	7	11	12.5	(2)	43	23	18	60°	13	M12×P1.75
BT30-90°	16.5	7	11	12.5	(2)	43	23	18	90°	13	M12×P1.75
BT40-45°	23	10	15	17	(4)	60	35	28	45°	19	M16×P2.0
BT40-60°	23	10	15	17	(4)	60	35	28	60°	19	M16×P2.0
BT40-90°	23	10	15	17	(4)	60	35	28	90°	19	M16×P2.0
BT50-45°	38	17	23	25	(7)	85	45	35	45°	30	M24×P3.0
BT50-60°	38	17	23	25	(7)	85	45	35	60°	30	M24×P3.0
BT50-90°	38	17	23	25	(7)	85	45	35	90°	30	M24×P3.0

HBT高強度拉頭

MODEL NO.	D	d1	d2	d3	d4	L	L1	L2	θ °	SW	G
BT30-45°-HP	16.5	7	11	12.5	-	43	23	18	45°	13	M12×P1.75
BT30-60°-HP	16.5	7	11	12.5	-	43	23	18	60°	13	M12×P1.75
BT40-45°-HP	23	10	15	17	-	60	35	28	45°	19	M16×P2.0
BT40-60°-HP	23	10	15	17	-	60	35	28	60°	19	M16×P2.0

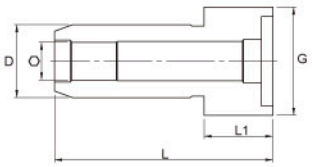




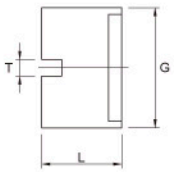
拉頭 PULL STUD

MODEL NO.	D	d1	d2	d3	d4	L	L1	L2	SW	G
DIN69872-30A	17	9	13	13	3	44	24	19	14	M12×P1.75
DIN69872-40A	23	14	19	17	7	54	26	20	19	M16×P2.0
DIN69872-50A	36	21	28	25	11.5	74	34	25	30	M24×P3.0
CAT40-ANSI	23.8	12.4	18.8	-	7.1	38.1	16.26	11.18	19	5/8"
CAT50-ANSI	36.5	20.82	28.95	-	11.8	58.42	25.4	17.78	31.75	1"
MAZAK-BT40	22	12.45	18.8	17	7	44.1	19.1	14	19	M16×P2.0
MAZAK-BT50	37	20.83	28.95	25	10	65.2	25.2	17.58	30	M24×P3.0
ISO7388/2B-40	22.5	12.95	18.95	17	7.3	44.5	16.4	11.15	19	M16×P2.0
ISO7388/2B-50	37	19.6	29.1	25	11.5	65.5	25.5	17.95	30	M24×P3.0
ISO20	11.4	6	9	8.5	-	26	12	9	10	M8×P1.25
ISO25	12	7	10	9	-	32	16	11.6	10	M8×P1.25
ISO30	17	9	13	13	-	45	24	19	14	M12×P1.75
JIS-B6339-30PA	16.5	8	12	12.5	4	43	23.4	18.4	13	M12×P1.75
JIS-B6339-40PA	23	14	19	17	7	54	29	23	19	M16×P2.0
JIS-B6339-50PA	38	21	28	25	10	74	34	25	30	M24×P3.0









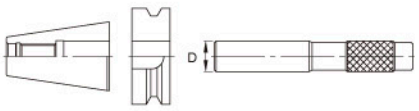
HSK 中心出水導油管 COOLANT SUPPLY

MODEL NO.	D	L	L1	G	⬡	適用刀桿
HSK63導油管	12	36.5	11.5	M18×P1.0	6	HSK63A、HSK63C、HSK63E
HSK100導油管	16	43.75	15.65	M24×P1.5	8	HSK100A、HSK100C

HSK 止水塞頭 WATER STOP PLUG

MODEL NO.	L	G	T	適用刀桿
HSK40塞頭	7.8	M12×P1.0	2.5	HSK40A、HSK40B、HSK40C、HSK40D、HSK40E、HSK50F
HSK50塞頭	9.8	M16×P1.0	1.5	HSK50A、HSK50B、HSK50C、HSK50D、HSK50E、HSK63F
HSK63塞頭	11.8	M18×P1.0	2.5	HSK63A、HSK63B、HSK63C、HSK63D、HSK63E





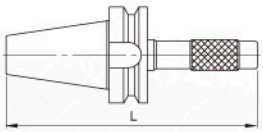
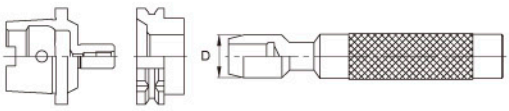


FIG.1





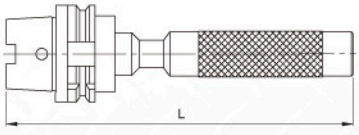


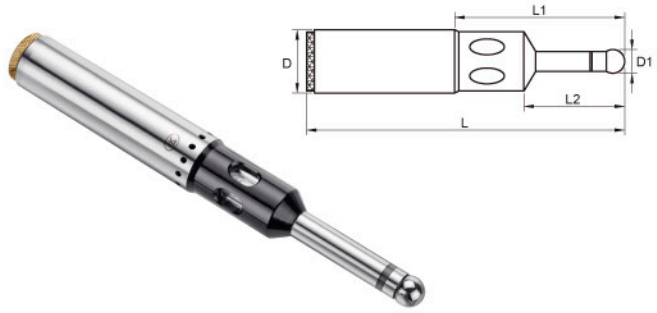
FIG.2

三點式組合模具

MODEL NO.	Fig	D	L
BT30-ATC	1	16	146
BT40-ATC	1	20	163

MODULAR CONCENTRICITY TEST GAUGE

MODEL NO.	Fig	D	L
BT50-ATC	1	30	221
HSK63-ATC	2	28	226



光電式尋邊器 PHOTOELECTRIC EDGE FINDER

MODEL NO.	D	D1	L	L1	L2
TS20	20	10	160	85	50
TS32	32	10	160	85	50
TS-B20	20	10	160	85	50
TS-B32	32	10	160	85	50

TS-B為鋒鳴音光電式尋邊器



擦拭棒 SPINDLE TAPER WIPER

MODEL NO.	TAPER NO.
BT30	#30
BT40	#40
BT50	#50

FIG.1

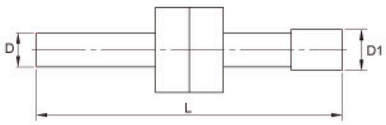


FIG.2

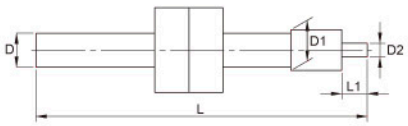


FIG.3





Z軸高度設定器 Z AXIAL PRESET GAUGE

MODEL NO.	Setting High
LZ-50	50mm±0.005





偏心式尋邊器 MECHANICAL EDGE FINDER

MODEL NO.	Fig	D	D1	D2	L	L1
TS2-1020	1	10	10	-	82	-
TS2-0420	2	10	10	4	90	7.5
TS2-0610	3	10	-	6	65	11

立臥兩用BT、SK刀軸鎖刀座 TOOL LOCKING DEVICE

MODEL NO.	特 性
LD-BT30	1.操作簡單，刀軸容易固定 2.立式、臥式兩用 3.不需要再調整角度即可使用 4.置刀架使用鋁合金，保護刀把
LD-BT40	
LD-BT50	
LD-SK40	



ER 直柄ER夾頭組 STRAIGHT SHANK SPRING COLLET SET

MODEL NO.	Clamping Range	Collet
C20-ER16-50	0.5-10	ER16 1、2、3 4、5、6 7、8、9、10
C20-ER16-100		
C20-ER16-150		
C20-ER16-200		
C20-ER20-50	1-13	ER20 2、3、4、5 6、7、8、9、10 11、12、13
C20-ER20-100		
C20-ER20-150		
C20-ER20-200		



BC2 搪孔器組 BORING SHANK SET

MODEL NO.	搪孔範圍	本體直徑	移位行程	進刀刻畫	搪刀柄徑	整組內容
BT30-BC2	ø10-ø150	ø50	16mm	0.02mm	ø12	焊接搪刀Ø12-70L 焊接搪刀Ø12-80L 搪刀桿Ø12xØ18-90L 白車刀1/4"-30L
BT40- BC2						
BT50- BC2						
SK40- BC2						
NT30- BC2						
NT40- BC2						
NT50- BC2						
C20- BC2						
C25- BC2						
C32- BC2						



OZ 立銑刀夾頭組 OZ COLLET CHUCK SET

MODEL NO.	Specification	Pcs/Set
MT3-OZ25	6、8、10、12、16、20、25	7 pcs/set
NT30-OZ25	6、8、10、12、16、20、25	7 pcs/set
NT40-OZ25	6、8、10、12、16、20、25	7 pcs/set
NT40-OZ32	6、8、10、12、16、20、25、32	8 pcs/set
NT50-OZ32	6、8、10、12、16、20、25、32	8 pcs/set



BHB 搪孔器組 BORING SHANK SET

MODEL NO.	搪孔範圍	本體直徑	移位行程	進刀刻畫	搪刀柄徑	整組內容
BT30-BHB	ø10-ø250	ø84	28mm	0.01mm	ø18	焊接搪刀Ø18-90L 焊接搪刀Ø18-120L 焊接搪刀Ø10-60L 焊接搪刀Ø10-70L 焊接搪刀Ø10-80L 搪刀桿Ø18-90L 搪刀桿Ø18-120L 搪孔刀套Ø18xØ10-50L 白車刀1/4"-30L
BT40-BHB						
BT50-BHB						
SK40-BHB						
NT30-BHB						
NT40-BHB						
NT50-BHB						
C20-BHB						
C25-BHB						
C32-BHB						



懸臂鑽床攻牙器組 DRILL TAPER SET

Tapper Body	Weight (kg)	Tap Collet	Taper Sleeve	Weight (kg)
DT33-MT3 DT33-MT4 DT33-MT5	3.15 3.48 4.48	M5(W3/16)、M6(W1/4)、M8、M10(W3/8)、M12、M14、M16、M18(W3/4，PT3/8)、M20、M22(W7/8)、M24、M27(W1)、M28、M30、M32(W1-1/4，PT7/8)、M33、M35(W1-3/8，PT1)、M36(PT1-1/8)、W1/2、W5/8、W1-1/8、PT1/8、PT1/2	DT33-MT1 DT33-MT2 DT33-MT3 DT33-MT4	0.7
DT52-MT5	7.43	M20、M22(W7/8)、M24、M27(W1)、M30、M32(W1-1/4，PT7/8)、M33、M35(W1-3/8，PT1)、M36(PT1-1/8)、M40(W1-1/2)、M42(PT1-1/4)、M45(W1-3/4，PT1-3/8)、M48(PT1-1/2)、M52(PT1-3/4)、M56、M60(PT2)、M64(W2-1/2)、W2、W1-1/8	DT52-MT2 DT52-MT3 DT52-MT4 DT52-MT5	2

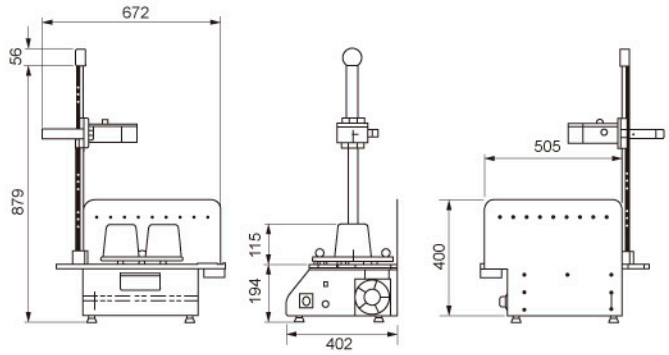
PS：DT33.DT52筒夾另有ISO、DIN規格。
DT33筒夾另有加長100L、150L、200L。

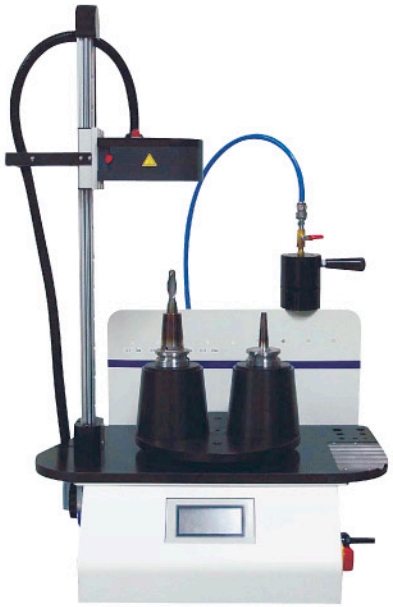


KCH 強力型精密銑刀夾頭組
POWER GRIP MILLING CHUCK SET/KCH

MODEL NO.	Specification	Pcs/Set
NT30-KCH20-75	6、8、10、12、16	5 pcs/set
NT40-KCH32-85	6、8、10、12、16、20、25	7 pcs/set
NT50-KGH32-90	6、8、10、12、16、20、25	7 pcs/set
MT5-KCH32-90	6、8、10、12、16、20、25	7 pcs/set
NT50-KCH42-105	6、8、10、12、16、20、25、32	8 pcs/set

高週波燒結機 INDUCTION SHRINKING UNIT





MODEL NO.	配備說明	適用尺寸	淨重(毛重)kg
H4KWA	燒結氣冷雙機一體	ø3-ø20	38 (39.5) kg

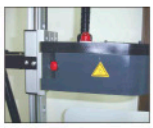
訂購時需註明刀把主軸襯套編號，隨機附贈。
主軸規格：BT30、BT40、BT50、HSK63

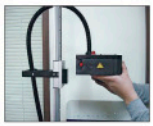
特性說明

1. 強力型線圈-4KW。
2. 可依刀把調整功率(25%~100%)。
3. 簡易型按鈕-單手操作。
4. 中英文介面-易學好用。
5. 內建預設值-避免過熱。
6. 氣冷裝置-標準配備。
7. 雙主軸座-同步使用。
8. 刀具放置架。
9. 標準電壓220V-隨處可用。
10. 模組化裝配。
11. 加熱加緊時間：4~10秒。
12. 刀把長度無限制。

Features

1. Powerful coil-4kw.
2. Adjustable power (25%~100%).
3. Simple button-operating with single hand.
4. Chinese and English interface-easy to learn and use.
5. Default parameter-avoiding overheating.
6. Air-cooling-stanrdard equipped.
7. Double chuck seats.
8. Tool storage.
9. Standard power required 220v - can be used anywhere.
10. Modular design.
11. Shrinking time：4~10 sec.
12. Unlimited tool length.


強力線圈


刀把長度無限制


簡易型按鍵

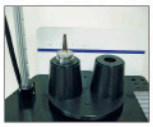

模組化裝配


中英文介面


加熱加緊時間4~8秒


此產品不含工具車


氣冷裝置


雙主軸座


刀具放置架


標準電壓


內建預設值

減震刀桿使用注意事項與刀具維護 NOTICE OF OPERATIONS & MAINTENANCE

1. 檢查機床主軸，主軸跳動量，磨損情況和拉刀機構的夾緊力。
2. 良好的主軸錐度咬合面及拉力夾緊力是避免震動的基礎。
3. 工具機主軸需保持清潔，主軸孔與端面碰傷部分需清除。刀桿裝在主軸上旋轉，偏擺需維持在0.03mm以內，超長刀柄需在0.05mm內；當主軸偏擺過大，會造成減震器失效，所以只能在主軸旋轉精度良好的機床上才適用減震搪孔刀桿或減震銑刀桿。
4. 在無干涉狀況下選擇最大柄徑的刀桿和最短的基礎刀桿。
   範例一：BT50-FMH27-400-D58 柄徑是Ø58，如果選用 BT50-FMH27-400-D74，柄徑是Ø74，不僅刀桿剛性變好，較大柄徑可裝入更大減震器，減震效果更好。
   範例二：假如要精搪Ø70的孔，選用SCBH68搭配BT50-LBK6刀桿，會比使用SCBH52搭配BT50-LBK5刀桿呈現更好的減震效果和懸伸長。
5. 減震產品內部有橡膠製品，加工時需有切削液輔助降低工件與刀桿溫度。
6. 減震產品長時間不使用時應直立放置，在收藏前需用壓縮空氣將內部的切削液清理乾淨，擦拭後上油保養，避免潮濕生鏽。
7. 當組裝減震刀桿時，應小心地正確鎖緊刀體，確保不會損壞減震刀桿。由於減震刀桿壁較薄，因此減震刀桿不能夾持、敲擊、拆解、撞機，以上狀況均會導致減震功能喪失。
   - 檢查並確認所有單元都以正確的扭矩正確組裝。
   - 組裝刀片和刀具時，請務必使用扭矩板手按照推薦扭矩鎖緊螺絲。
   - 裝配之前清潔所有要裝配的零件。
   - 每年至少一次用潤滑油擦拭所有裝配零件。
   - 定期潤滑用於精搪的精搪調整機構。
8. 所有減震刀具都只能正轉使用，如需反轉則需另行訂製。







1. Operator must check machine spindle runout, spindle wear, and tool clamping force prior to operations.
2. Proper contact surface on spindle taper and sufficient tool clamping force leads to minimized vibration.
3. Keep machine spindle clean at all times. Scratches appeared on surfaces of spindle cone and spindle nose must be removed.
   Test tool run-out while the tool is loaded on spindle, measurand should be within 0.03 mm for ordinary tool length and 0.05 mm for overlength tooling. When spindle run-out value exceeds the rated accuracy range will cause the damper system malfunctioned.
   Most considerations of successful operations are however the same, such as workpiece set-up and machine/spindle stability.
4. Make the most out of your milling and boring operations with **STABLELINE**® tools.
   It is essential to select the largest possible tool size and to minimize the overhang under interference-free condition to obtain the best stability and accuracy.
   e.g. 1: Selecting BT50-FMH27-400-D74 instead of BT50-FMH27-400-D58. By integrating larger damping device with bigger tool diameter performs better rigidity and cutting results.
   e.g. 2: For Ø70 mm fine boring process, using SCBH68 with BT50-LBK6 offers better performance and achieve longer overhangs than using SCBH52 with BT50-LBK5.
5. The damper system inside the tool consists of a heavy mass, supported by rubber elements. Coolant supply while cutting will be needed to prevent the tool from overheating.
6. Clean the residual coolant out of the **STABLELINE**® tools by using compressed air, tools must be coated with anti-rust oil and should be set upright and proper packing during long idle time.
7. Be cautious and precise while assembling the damped tools. Do not clamp, knock, disassemble, collide at the tool body.
   - Applying correct torque while handling tool assemblies.
   - Using torque wrench to give proper torque according to instructions while handling tools and inserts assemblies.
   - Keep all parts clean prior to assembly.
   - Refill lubricant regularly is required for fine boring adjusting device.
8. All **STABLELINE**® tools are designed for CW rotation. In case of CCW rotation is required, please contact the manufacturer.

LI KANG INDUSTRY CO., LTD

Professional, Precise, Durable 專業、精密、耐用



STABLELINE® Series 減震系列產品

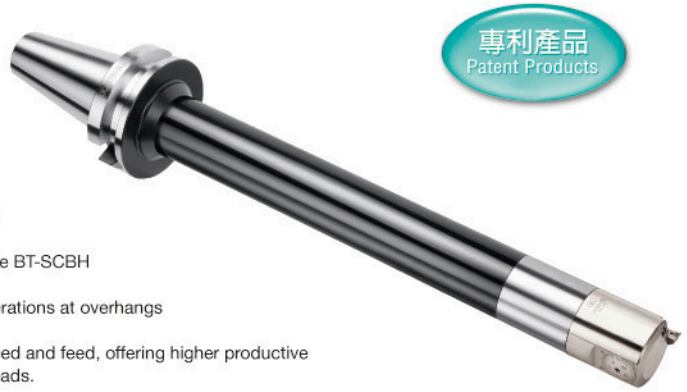
BT-SCBH整體式減震精搪刀桿 & BT-SRBH-LA整體式減震粗搪刀桿

BT-SCBH INTEGRATED FINE BORING TOOLS & BT-SRBH-LA INTEGRATED TWIN-BIT ROUGH BORING TOOLS

特性說明

1.BT刀桿+減震器+搪孔頭整體式的結合，可在搪孔加工上得到最大剛性與切削性能。
2.具有多種規格，自Ø25~Ø102均可搭配使用，所有規格均具有中心出水功能。
3.本產品應用在加工深度為柄徑的6~10倍加工長。
4.BT整體式搪孔刀系列與一般BT刀桿+SCBH相比較，可得到更加穩定的切削效能和加工效率。

專利產品 Patent Products



Features

1. By integrating STABLELINE® technology into the combination of BT holder, damper device and boring head offers maximum stiffness and excellent surface finishes for your boring operations.
2. Boring range from Ø25 mm up to Ø102 mm in standard assortment, the versatile BT-SCBH and BT-SRBH-LA boring tools are available with internal coolant supply.
3. The BT-SCBH and BT-SRBH-LA boring tools are ideal for successful boring operations at overhangs reaching from 6 up to 10 times bar diameter.
4. BT-SCBH/SRBH-LA series integrated damped boring tools optimize cutting speed and feed, offering higher productive machining compared to combination of regular BT holders and SCBH boring heads.

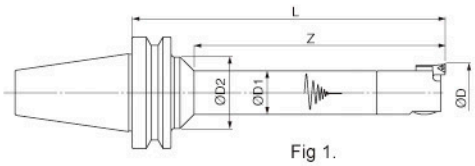


Fig 1.

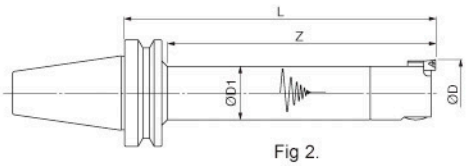


Fig 2.

MODEL NO.	Fig.	ØD	Z	L	ØD2	ØD1	Weight
BT40-SCBH25-165	1	25-33	125	165	39	24	1.62
BT40-SCBH25-190	1	25-33	150	190	39	24	1.67
BT40-SCBH25-215	1	25-33	175	215	39	24	1.72
BT40-SCBH32-200	1	32-42	160	200	50	31	2.36
BT40-SCBH32-230	1	32-42	190	230	50	31	2.49
BT40-SCBH32-260	1	32-42	220	260	50	31	2.62
BT40-SCBH40-235	1	40-55	200	235	50	39	3.36
BT40-SCBH40-275	1	40-55	240	275	50	39	3.65
BT40-SCBH40-315	1	40-55	280	315	50	39	3.94
BT40-SCBH52-315	2	52-75	285	315	-	50	6.79
BT40-SCBH68-305	2	68-102	280	305	-	64	9.68
BT50-SCBH25-175	1	25-33	125	175	39	24	4.25
BT50-SCBH25-200	1	25-33	150	200	39	24	4.31
BT50-SCBH25-225	1	25-33	175	225	39	24	4.37
BT50-SCBH32-220	1	32-42	160	220	50	31	5.12
BT50-SCBH32-250	1	32-42	190	250	50	31	5.30
BT50-SCBH32-280	1	32-42	220	280	50	31	5.48
BT50-SCBH40-260	1	40-55	200	260	64	39	6.23
BT50-SCBH40-300	1	40-55	240	300	64	39	6.47
BT50-SCBH40-340	1	40-55	280	340	64	39	6.71
BT50-SCBH40-365	2	40-55	320	365	-	39	6.95
BT50-SCBH40-405	2	40-55	360	405	-	39	7.19
BT50-SCBH40-445	2	40-55	400	445	-	39	7.43
BT50-SCBH52-315	1	52-75	270	315	64	50	9.23
BT50-SCBH52-360	1	52-75	315	360	64	50	9.88
BT50-SCBH52-405	1	52-75	360	405	64	50	10.53
BT50-SCBH52-445	2	52-75	400	445	-	50	11.18
BT50-SCBH52-495	2	52-75	450	495	-	50	11.83
BT50-SCBH52-545	2	52-75	500	545	-	50	12.48
BT50-SCBH68-375	2	68-102	330	375	-	64	15.23
BT50-SCBH68-440	2	68-102	395	440	-	64	16.08
BT50-SCBH68-505	2	68-102	460	505	-	64	16.93
BT50-SCBH68-565	2	68-102	520	565	-	64	17.78
BT50-SCBH68-630	2	68-102	585	630	-	64	18.63
BT50-SCBH68-695	2	68-102	650	695	-	64	19.48

＊另有粗搪SRBH-LA系列，有效長與總長同上列表格。 ＊For rough boring SRBH-LA series please reference above specifications for effective length and total length.

BT-SLBK 減震搪刀桿 BT-SLBK DAMPED BORING BAR

特性說明

1.在BT刀桿上加裝減震器，搭配原本使用的搪頭，而得到更深的加工深度與更好的加工品質。
2.本產品應用於加工深度為柄徑D的6~8倍長。
3.如加工深度超出刀桿已設定的長度，則需改用BT整體式減震刀桿系列。



Features

1. By integrating STABLELINE® SLBK damped bar into the BT holder, the BT-SLBK damped boring bar features longer-reach and excellent surface finishes even without changing to damped boring head.
2. The BT-SLBK damped boring bars are ideal for successful boring operations at overhangs reaching from 6 up to 8 times bar diameter.
3. We strongly recommend to select BT-SCBH/SRBH series integrated damped boring tools in case the overhangs exceed 8xD in your boring applications.

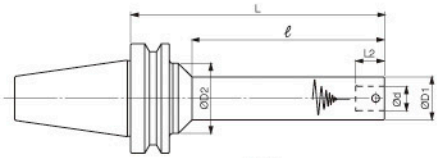


Fig 1.

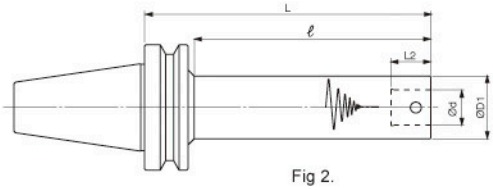


Fig 2.

MODEL NO.	Fig.	L	ℓ	ØD2	ØD1	Ød	L2	Applicable Boring Heads	Weight
BT40-SLBK2-150	1	150	110	39	24	14	18	CBH25, CBM27, RBH25LA	1.45
BT40-SLBK2-175	1	175	135	39	24	14	18		1.51
BT40-SLBK2-200	1	200	160	39	24	14	18		1.56
BT40-SLBK3-200	1	200	160	50	31	18	22	CBH32, CBM35, RBH32LA	2.21
BT40-SLBK3-230	1	230	190	50	31	18	22		2.34
BT40-SLBK3-260	1	260	220	50	31	18	22		2.47
BT40-SLBK4-235	1	235	200	50	39	22	26	CBH40, CBM45, RBH40LA	3.12
BT40-SLBK4-275	1	275	240	50	39	22	26		3.42
BT40-SLBK4-315	1	315	280	50	39	22	26		3.71
BT40-SLBK5-310	2	310	280	-	50	28	32	CBH52, CBM55, RBH52LA	6.30
BT40-SLBK6-295	2	295	270	-	64	36	42	CBH68, CBM68, RBH68&90LA	8.71
BT50-SLBK2-160	1	160	110	39	24	14	18	CBH25, CBM27, RBH25LA	4.09
BT50-SLBK2-185	1	185	135	39	24	14	18		4.15
BT50-SLBK2-210	1	210	160	39	24	14	18		4.21
BT50-SLBK3-220	1	220	160	50	31	18	22	CBH32, CBM35, RBH32LA	4.97
BT50-SLBK3-250	1	250	190	50	31	18	22		5.15
BT50-SLBK3-280	1	280	220	50	31	18	22		5.33
BT50-SLBK4-260	1	260	205	64	39	22	26	CBH32, CBM35, RBH32LA	6.00
BT50-SLBK4-300	1	300	245	64	39	22	26		6.24
BT50-SLBK4-340	1	340	285	64	39	22	26		6.48
BT50-SLBK5-310	1	310	265	64	50	28	32	CBH52, CBM55, RBH52LA	8.74
BT50-SLBK5-355	1	355	310	64	50	28	32		9.39
BT50-SLBK5-400	1	400	355	64	50	28	32		10.04
BT50-SLBK6-375	2	375	330	-	64	36	42	CBH68, CBM68, RBH68&90LA	14.28
BT50-SLBK6-440	2	440	395	-	64	36	42		15.11
BT50-SLBK6-505	2	505	460	-	64	36	42		15.96

BT-SLBK減震搪刀桿 + RBH-LA雙刃粗搪頭

BT-SLBK DAMPED BORING BAR TO RBH-LA TWIN-EDGE ROUGH BORING HEAD

專利產品 Patent Products





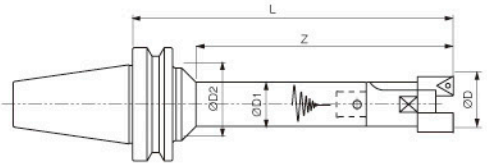


Fig 1.

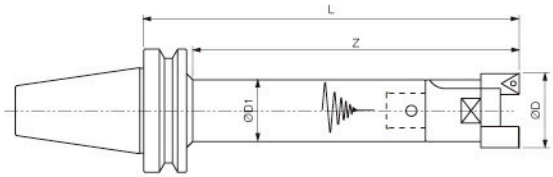


Fig 2.

MODEL NO.	Rough Boring Head	Fig.	ØD	Z	L	ØD2	ØD1	Weight
BT40-SLBK2-150	RBH25LA	1	20-35	160	200	39	24	1.60
BT40-SLBK2-175	RBH25LA	1	20-35	185	225	39	24	1.66
BT40-SLBK2-200	RBH25LA	1	20-35	210	250	39	24	1.71
BT40-SLBK3-200	RBH32LA	1	32-45	220	260	50	31	2.51
BT40-SLBK3-230	RBH32LA	1	32-45	250	290	50	31	2.64
BT40-SLBK3-260	RBH32LA	1	32-45	280	320	50	31	2.77
BT40-SLBK4-235	RBH40LA	1	40-55	270	305	50	39	3.72
BT40-SLBK4-275	RBH40LA	1	40-55	310	345	50	39	4.02
BT40-SLBK4-315	RBH40LA	1	40-55	350	385	50	39	4.31
BT40-SLBK5-310	RBH52LA	2	57-75	360	390	-	50	7.30
BT40-SLBK6-295	RBH68LA	2	68-100	360	385	-	64	11.21
BT40-SLBK6-295	RBH90LA	2	90-130	370	395	-	64	11.81
BT50-SLBK2-160	RBH25LA	1	20-35	160	210	39	24	4.24
BT50-SLBK2-185	RBH25LA	1	20-35	185	235	39	24	4.30
BT50-SLBK2-210	RBH25LA	1	20-35	210	260	39	24	4.36
BT50-SLBK3-220	RBH32LA	1	32-45	220	280	50	31	5.27
BT50-SLBK3-250	RBH32LA	1	32-45	250	310	50	31	5.45
BT50-SLBK3-280	RBH32LA	1	32-45	280	340	50	31	5.63
BT50-SLBK4-260	RBH40LA	1	40-55	275	330	64	39	6.60
BT50-SLBK4-300	RBH40LA	1	40-55	315	370	64	39	6.84
BT50-SLBK4-340	RBH40LA	1	40-55	355	410	64	39	7.08
BT50-SLBK5-310	RBH52LA	1	57-75	345	390	64	50	9.74
BT50-SLBK5-355	RBH52LA	1	57-75	390	435	64	50	10.37
BT50-SLBK5-400	RBH52LA	1	57-75	435	480	64	50	11.04
BT50-SLBK6-375	RBH68LA	2	68-100	420	465	-	64	16.78
BT50-SLBK6-440	RBH68LA	2	68-100	485	530	-	64	17.61
BT50-SLBK6-505	RBH68LA	2	68-100	550	595	-	64	18.46
BT50-SLBK6-375	RBH90LA	2	90-130	430	475	-	64	17.38
BT50-SLBK6-440	RBH90LA	2	90-130	495	540	-	64	18.21
BT50-SLBK6-505	RBH90LA	2	90-130	560	605	-	64	19.06

BT-SLBK減震搪刀桿 + CBH精密微調搪頭

BT-SLBK DAMPED BORING BAR TO CBH FINE BORING HEAD

專利產品 Patent Products





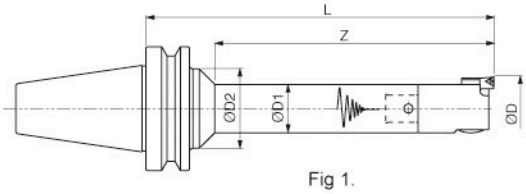


Fig 1.

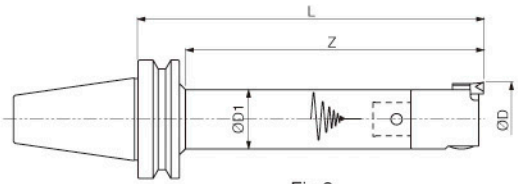


Fig 2.

MODEL NO.	Rough Boring Head	Fig.	ØD	Z	L	ØD2	ØD1	Weight
BT40-SLBK2-150	CBH25	1	20-35	160	200	39	24	1.60
BT40-SLBK2-175	CBH25	1	20-35	185	225	39	24	1.66
BT40-SLBK2-200	CBH25	1	20-35	210	250	39	24	1.71
BT40-SLBK3-200	CBH32	1	32-45	220	260	50	31	2.51
BT40-SLBK3-230	CBH32	1	32-45	250	290	50	31	2.64
BT40-SLBK3-260	CBH32	1	32-45	280	320	50	31	2.77
BT40-SLBK4-235	CBH40	1	40-55	270	305	50	39	3.72
BT40-SLBK4-275	CBH40	1	40-55	310	345	50	39	4.02
BT40-SLBK4-315	CBH40	1	40-55	350	385	50	39	4.31
BT40-SLBK5-310	CBH52	2	57-75	360	390	-	50	7.30
BT40-SLBK6-295	CBH68	2	68-100	360	385	-	64	11.21
BT40-SLBK6-295	CBH100	2	90-130	370	395	-	64	11.81
BT50-SLBK2-160	CBH25	1	20-35	160	210	39	24	4.24
BT50-SLBK2-185	CBH25	1	20-35	185	235	39	24	4.30
BT50-SLBK2-210	CBH25	1	20-35	210	260	39	24	4.36
BT50-SLBK3-220	CBH32	1	32-45	220	280	50	31	5.27
BT50-SLBK3-250	CBH32	1	32-45	250	310	50	31	5.45
BT50-SLBK3-280	CBH32	1	32-45	280	340	50	31	5.63
BT50-SLBK4-260	CBH40	1	40-55	275	330	64	39	6.60
BT50-SLBK4-300	CBH40	1	40-55	315	370	64	39	6.84
BT50-SLBK4-340	CBH40	1	40-55	355	410	64	39	7.08
BT50-SLBK5-310	CBH52	1	57-75	345	390	64	50	9.74
BT50-SLBK5-355	CBH52	1	57-75	390	435	64	50	10.37
BT50-SLBK5-400	CBH52	1	57-75	435	480	64	50	11.04
BT50-SLBK6-375	CBH68	2	68-100	420	465	-	64	16.78
BT50-SLBK6-440	CBH68	2	68-100	485	530	-	64	17.61
BT50-SLBK6-505	CBH68	2	68-100	550	595	-	64	18.46
BT50-SLBK6-375	CBH100	2	90-130	430	475	-	64	17.38
BT50-SLBK6-440	CBH100	2	90-130	495	540	-	64	18.21
BT50-SLBK6-505	CBH100	2	90-130	560	605	-	64	19.06

LBK減震異徑粗搪頭-組合式

LBK INTEGRATED MODULAR DAMPED ROUGH BORING TOOL

專利產品 Patent Products

特性說明

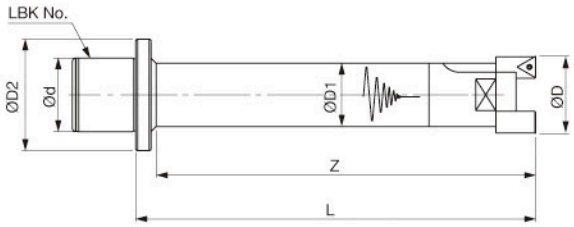
1. 刀桿本體採用LBK雙邊拉力接合方式，可與任何相對應的LBK主軸刀桿相結合，獲得最大的精度與剛性。
2. 在不同主軸規格的機床上，可選用相對應的LBK 刀桿，進行不同的組合應用，具備更多的加工便利性及經濟效益。

Features

1. The bar body is designed with LBK bilateral pull-back clamping mechanism and is interchangeable with suitable LBK tool holder types, thus produces the best rigidity and superior cutting.
2. Selecting suitable LBK integrated modular damped rough boring tools in accordance with spindle of every variety.
   The combination offers great flexibility with a large number of boring tools suitable for a wide range of applications.



組合式 COMBINATION



MODEL NO.	ØD	Ød	ØD2	ØD1	Z	L	Weight
LBK6-2-SRBH25LA-175	25-33	36	64	24	150	175	1.33
LBK6-2-SRBH25LA-200					175	200	1.40
LBK6-2-SRBH25LA-225					200	225	1.48
LBK6-3-SRBH32LA-215	32-42			31	190	215	2.01
LBK6-3-SRBH32LA-245					220	245	2.16
LBK6-3-SRBH32LA-275					250	275	2.30
LBK6-4-SRBH40LA-260	40-55			39	240	260	3.11
LBK6-4-SRBH40LA-300					280	300	3.39
LBK6-4-SRBH40LA-340					320	340	3.73
LBK6-5-SRBH52LA-315	52-75			50	300	315	5.77
LBK6-5-SRBH52LA-365					350	365	6.39
LBK6-5-SRBH52LA-415					400	415	7.01
LBK7-4-SRBH40LA-270	40-55	58	88	39	240	270	4.12
LBK7-4-SRBH40LA-310					280	310	4.43
LBK7-4-SRBH40LA-350					320	350	4.75
LBK7-45-SRBH46LA-325	46-55			45	300	325	4.88
LBK7-45-SRBH46LA-375					350	375	5.35
LBK7-45-SRBH46LA-425					400	425	5.82
LBK7-5-SRBH52LA-325	52-75			50	300	325	6.77
LBK7-5-SRBH52LA-375					350	375	7.37
LBK7-5-SRBH52LA-425					400	425	8.00
LBK7-6-SRBH68LA-420	68-102			64	400	420	12.56
LBK7-6-SRBH68LA-480					460	480	13.81
LBK7-6-SRBH68LA-540					520	540	15.05

LBK減震異徑微調精搪頭-組合式

LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL

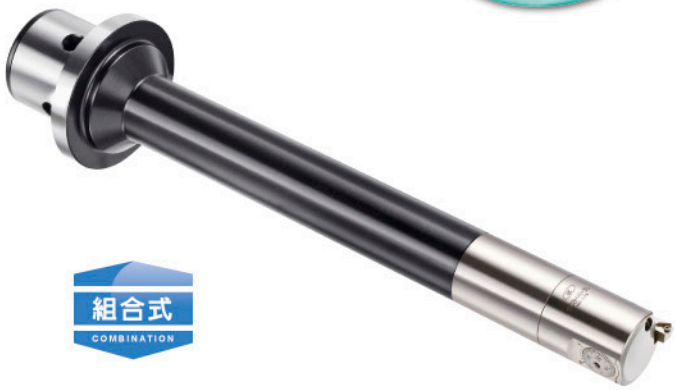
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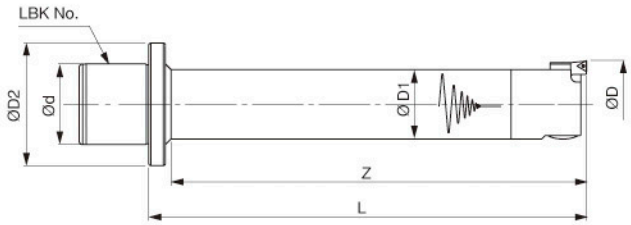
特性說明

1. 刀桿本體採用LBK雙邊拉力接合方式，可與任何相對應的LBK主軸刀桿相結合，獲得最大的精度與剛性。
2. 在不同主軸規格的機床上，可選用相對應的LBK 刀桿，進行不同的組合應用，具備更多的加工便利性及經濟效益。

Features

1. The bar body is designed with LBK bilateral pull - back clamping mechanism and is interchangeable with suitable LBK tool holder types, thus produces the best rigidity and superior cutting.
2. Selecting suitable LBK integrated modular damped fine boring tools in accordance with spindle of every variety. The combination offers great flexibility with a large number of boring tools suitable for a wide range of applications.



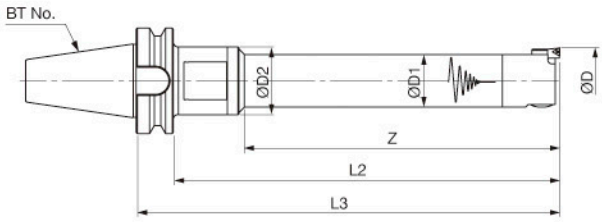


MODEL NO.	ØD	Ød	ØD2	ØD1	Z	L	Weight
LBK6-1-SCBH20-150	20-26	36	64	19	120	150	1.02
LBK6-1-SCBH20-170					140	170	1.09
LBK6-1-SCBH20-190					160	190	1.22
LBK6-2-SCBH25-175	25-33			24	150	175	1.33
LBK6-2-SCBH25-200					175	200	1.40
LBK6-2-SCBH25-225					200	225	1.48
LBK6-3-SCBH32-215	32-42			31	190	215	2.01
LBK6-3-SCBH32-245					220	245	2.16
LBK6-3-SCBH32-275					250	275	2.30
LBK6-4-SCBH40-260	40-55			39	240	260	3.11
LBK6-4-SCBH40-300					280	300	3.39
LBK6-4-SCBH40-340					320	340	3.73
LBK6-5-SCBH52-315	52-75			50	300	315	5.77
LBK6-5-SCBH52-365					350	365	6.39
LBK6-5-SCBH52-415					400	415	7.01
LBK7-4-SCBH40-270	40-55	58	88	39	240	270	4.12
LBK7-4-SCBH40-310					280	310	4.43
LBK7-4-SCBH40-350					320	350	4.75
LBK7-45-SCBH46-325	46-55			45	300	325	4.88
LBK7-45-SCBH46-375					350	375	5.35
LBK7-45-SCBH46-425					400	425	5.82
LBK7-5-SCBH52-325	52-75			50	300	325	6.77
LBK7-5-SCBH52-375					350	375	7.37
LBK7-5-SCBH52-425					400	425	8.00
LBK7-6-SCBH68-420	68-102			64	400	420	12.56
LBK7-6-SCBH68-480					460	480	13.81
LBK7-6-SCBH68-540					520	540	15.05

BT刀桿 + LBK減震異徑微調精搪頭

BT HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL

專利產品 Patent Products





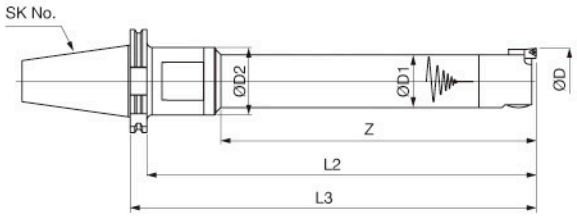
組合式 COMBINATION

Tool Holder	Boring Tool	ØD	ØD2	ØD1	Z	L2	L3	Weight
BT40-LBK6-65	LBK6-1-SCBH20-150	20-26	64	19	120	190	215	2.32
	LBK6-1-SCBH20-170				140	210	235	2.39
	LBK6-1-SCBH20-190				160	230	255	2.52
	LBK6-2-SCBH25-175	25-33		24	150	215	240	2.63
	LBK6-2-SCBH25-200				175	240	265	2.70
	LBK6-2-SCBH25-225				200	265	290	2.78
	LBK6-3-SCBH32-215	32-42		31	190	255	280	3.31
	LBK6-3-SCBH32-245				220	285	310	3.46
	LBK6-3-SCBH32-275				250	315	340	3.60
	LBK6-4-SCBH40-260	40-55		39	240	300	325	4.41
	LBK6-4-SCBH40-300				280	340	365	4.69
	LBK6-4-SCBH40-340				320	380	405	5.03
	LBK6-5-SCBH52-315	52-75		50	300	355	380	7.07
	LBK6-5-SCBH52-365				350	405	430	7.69
	LBK6-5-SCBH52-415				400	455	480	8.31
BT50-LBK6-95	LBK6-1-SCBH20-150	20-26	64	19	120	210	245	5.52
	LBK6-1-SCBH20-170				140	230	265	5.59
	LBK6-1-SCBH20-190				160	250	285	5.72
	LBK6-2-SCBH25-175	25-33		24	150	235	270	5.83
	LBK6-2-SCBH25-200				175	260	295	5.90
	LBK6-2-SCBH25-225				200	285	320	5.98
	LBK6-3-SCBH32-215	32-42		31	190	275	310	6.51
	LBK6-3-SCBH32-245				220	305	340	6.66
	LBK6-3-SCBH32-275				250	335	370	6.80
	LBK6-4-SCBH40-260	40-55		39	240	320	355	7.61
	LBK6-4-SCBH40-300				280	360	395	7.89
	LBK6-4-SCBH40-340				320	400	435	8.23
	LBK6-5-SCBH52-315	52-75		50	300	375	410	10.27
	LBK6-5-SCBH52-365				350	425	460	10.89
	LBK6-5-SCBH52-415				400	475	510	11.51
BT50-LBK7-100	LBK7-4-SCBH40-270	40-55	88	39	240	335	370	8.92
	LBK7-4-SCBH40-310				280	375	410	9.23
	LBK7-4-SCBH40-350				320	415	450	9.55
	LBK7-45-SCBH46-325	46-55		45	300	390	425	9.68
	LBK7-45-SCBH46-375				350	440	475	10.15
	LBK7-45-SCBH46-425				400	490	525	10.62
	LBK7-5-SCBH52-325	52-75		50	300	390	425	11.57
	LBK7-5-SCBH52-375				350	440	475	12.17
	LBK7-5-SCBH52-425				400	490	525	12.80
	LBK7-6-SCBH68-420	68-102		64	400	485	520	17.36
	LBK7-6-SCBH68-480				460	545	580	18.61
	LBK7-6-SCBH68-540				520	605	640	19.85

SK刀桿 + LBK減震異徑微調精搪頭

SK HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL

專利產品 Patent Products





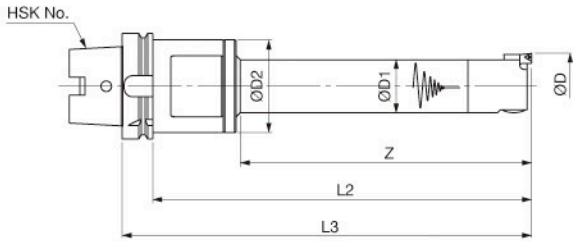
組合式 COMBINATION

Tool Holder	Boring Tool	ØD	ØD2	ØD1	Z	L2	L3	Weight
SK40-LBK6-65	LBK6-1-SCBH20-150	20-26	64	19	120	195	215	2.50
	LBK6-1-SCBH20-170				140	215	235	2.57
	LBK6-1-SCBH20-190				160	235	255	2.70
	LBK6-2-SCBH25-175	25-33		24	150	220	240	2.81
	LBK6-2-SCBH25-200				175	245	265	2.88
	LBK6-2-SCBH25-225				200	270	290	2.96
	LBK6-3-SCBH32-215	32-42		31	190	260	280	3.49
	LBK6-3-SCBH32-245				220	290	310	3.64
	LBK6-3-SCBH32-275				250	320	340	3.78
	LBK6-4-SCBH40-260	40-55		39	240	305	325	4.59
	LBK6-4-SCBH40-300				280	345	365	4.87
	LBK6-4-SCBH40-340				320	385	405	5.21
	LBK6-5-SCBH52-315	52-75		50	300	360	380	7.25
	LBK6-5-SCBH52-365				350	410	430	7.87
	LBK6-5-SCBH52-415				400	460	480	8.49
SK50-LBK6-95	LBK6-1-SCBH20-150	20-26	64	19	120	225	245	5.04
	LBK6-1-SCBH20-170				140	245	265	5.11
	LBK6-1-SCBH20-190				160	265	285	5.24
	LBK6-2-SCBH25-175	25-33		24	150	250	270	5.35
	LBK6-2-SCBH25-200				175	275	295	5.42
	LBK6-2-SCBH25-225				200	300	320	5.50
	LBK6-3-SCBH32-215	32-42		31	190	290	310	6.03
	LBK6-3-SCBH32-245				220	320	340	6.18
	LBK6-3-SCBH32-275				250	350	370	6.32
	LBK6-4-SCBH40-260	40-55		39	240	335	355	7.13
	LBK6-4-SCBH40-300				280	375	395	7.41
	LBK6-4-SCBH40-340				320	415	435	7.75
	LBK6-5-SCBH52-315	52-75		50	300	390	410	9.79
	LBK6-5-SCBH52-365				350	440	460	10.41
	LBK6-5-SCBH52-415				400	490	510	11.03
SK50-LBK7-100	LBK7-4-SCBH40-270	40-55	88	39	240	350	370	8.97
	LBK7-4-SCBH40-310				280	390	410	9.28
	LBK7-4-SCBH40-350				320	430	450	9.60
	LBK7-45-SCBH46-325	46-55		45	300	405	425	9.73
	LBK7-45-SCBH46-375				350	455	475	10.20
	LBK7-45-SCBH46-425				400	505	525	10.67
	LBK7-5-SCBH52-325	52-75		50	300	405	425	11.62
	LBK7-5-SCBH52-375				350	455	475	12.22
	LBK7-5-SCBH52-425				400	505	525	12.85
	LBK7-6-SCBH68-420	68-102		64	400	500	520	17.41
	LBK7-6-SCBH68-480				460	560	580	18.66
	LBK7-6-SCBH68-540				520	620	640	19.90

HSK刀桿 + LBK減震異徑微調精搪頭

HSK HOLDER TO LBK INTEGRATED MODULAR DAMPED FINE BORING TOOL

專利產品 Patent Products





組合式 COMBINATION

Tool Holder	Boring Tool	ØD	ØD2	ØD1	Z	L2	L3	Weight
HSK-A63-LBK6-70	LBK6-1-SCBH20-150	20-26	64	19	120	195	220	2.29
	LBK6-1-SCBH20-170				140	215	240	2.36
	LBK6-1-SCBH20-190				160	235	260	2.49
	LBK6-2-SCBH25-175	25-33		24	150	220	245	2.60
	LBK6-2-SCBH25-200				175	245	270	2.67
	LBK6-2-SCBH25-225				200	270	295	2.75
	LBK6-3-SCBH32-215	32-42		31	190	260	285	3.28
	LBK6-3-SCBH32-245				220	290	315	3.43
	LBK6-3-SCBH32-275				250	320	345	3.57
	LBK6-4-SCBH40-260	40-55		39	240	305	330	4.38
	LBK6-4-SCBH40-300				280	345	370	4.66
	LBK6-4-SCBH40-340				320	385	410	5.00
	LBK6-5-SCBH52-315	52-75		50	300	360	385	7.04
	LBK6-5-SCBH52-365				350	410	435	7.66
	LBK6-5-SCBH52-415				400	460	485	8.28
HSK-A100-LBK6-75	LBK6-1-SCBH20-150	20-26	64	19	120	195	225	3.85
	LBK6-1-SCBH20-170				140	215	245	3.92
	LBK6-1-SCBH20-190				160	235	265	4.05
	LBK6-2-SCBH25-175	25-33		24	150	220	250	4.16
	LBK6-2-SCBH25-200				175	245	275	4.23
	LBK6-2-SCBH25-225				200	270	300	4.31
	LBK6-3-SCBH32-215	32-42		31	190	260	290	4.84
	LBK6-3-SCBH32-245				220	290	320	4.99
	LBK6-3-SCBH32-275				250	320	350	5.13
	LBK6-4-SCBH40-260	40-55		39	240	305	335	5.94
	LBK6-4-SCBH40-300				280	345	375	6.22
	LBK6-4-SCBH40-340				320	385	415	6.56
	LBK6-5-SCBH52-315	52-75		50	300	360	390	8.60
	LBK6-5-SCBH52-365				350	410	440	9.22
	LBK6-5-SCBH52-415				400	460	490	9.84
HSK-A100-LBK7-100	LBK7-4-SCBH40-270	40-55	88	39	240	340	370	8.21
	LBK7-4-SCBH40-310				280	380	410	8.52
	LBK7-4-SCBH40-350				320	420	450	8.84
	LBK7-45-SCBH46-325	46-55		45	300	395	425	8.96
	LBK7-45-SCBH46-375				350	445	475	9.43
	LBK7-45-SCBH46-425				400	495	525	9.90
	LBK7-5-SCBH52-325	52-75		50	300	395	425	10.86
	LBK7-5-SCBH52-375				350	445	475	11.46
	LBK7-5-SCBH52-425				400	495	525	12.08
	LBK7-6-SCBH68-420	68-102		64	400	490	520	16.65
	LBK7-6-SCBH68-480				460	550	580	17.90
	LBK7-6-SCBH68-540				520	610	640	19.14

HSK-FMH 減震銑刀桿系列

HSK-FMH SERIES DAMPED MILLING TOOL

專利產品 Patent Products

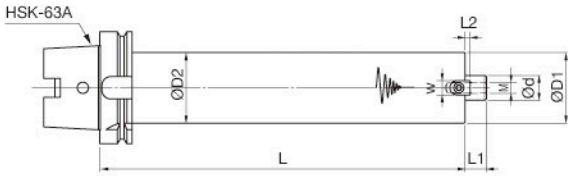
特性說明

1. 本產品使用中空刀桿與動態減震器，可吸收徑向與軸向的震動。
2. 可適用市面上所有通用的銑刀盤。
3. 本產品與相同長度的銑刀桿相比，可得到更快的切削進給及良好的加工表面精度。

Features

1. With configuration of hollow type tool body and dynamic vibration absorber, the STABLELINE® integrated FMH damped milling tools provide you the required reach and vibration resulting from axial and radial kinetic energy can be dampened efficiently.
2. A versatile option with high levels of interchangeability, the FMH damped milling tool series features replaceable head milling cutters for all kinds of applications.
3. FMH damped milling tools optimize cutting speed and feed, offering higher productive machining compared to other milling tools of equivalent length.





MODEL NO.	ØD2	ØD1	L	Ød	L1	L2	W	Weight
HSK63A-FMH16-200-D38	38	38	200	16	16.5	4.3	8	2.58
HSK63A-FMH16-250-D38			250					3.31
HSK63A-FMH16-300-D38			300					4.04
HSK63A-FMH22-200-D48	48	48	200	22	18	4.3	10	3.67
HSK63A-FMH22-250-D48			250					4.40
HSK63A-FMH22-300-D48			300					5.13
HSK63A-FMH22-250-D58	61	58	250	22	18	4.3	10	6.30
HSK63A-FMH22-300-D58			300					7.40
HSK63A-FMH22-350-D58			350					8.50
HSK100A-FMH16-200-D38	38	38	200	16	16.5	4.3	8	4.48
HSK100A-FMH16-250-D38			250					5.21
HSK100A-FMH16-300-D38			300					5.94
HSK100A-FMH22-300-D48	48	48	300	22	18	4.3	10	6.66
HSK100A-FMH22-350-D48			350					7.39
HSK100A-FMH22-400-D48			400					8.12
HSK100A-FMH22-300-D58	61	58	300	22	18	4.3	10	8.84
HSK100A-FMH22-350-D58			350					9.90
HSK100A-FMH22-400-D58			400					10.96
HSK100A-FMH22-450-D58			450					12.02
HSK100A-FMH22-500-D58			500	57	20	5.8	12	13.08
HSK100A-FMH27-300-D58			300					8.94
HSK100A-FMH27-350-D58			350					9.81
HSK100A-FMH27-400-D58			400					10.68
HSK100A-FMH27-450-D58			450					11.55
HSK100A-FMH27-500-D58			500					12.42
HSK100A-FMH27-300-D74	78	74	300					10.12
HSK100A-FMH27-350-D74			350					11.27
HSK100A-FMH27-400-D74			400					12.41
HSK100A-FMH27-450-D74			450					13.63
HSK100A-FMH27-500-D74			500					14.71
HSK100A-FMH27-600-D74			600					16.98
HSK100A-FMH32-300-D74			300	32	21	6.8	14	10.28
HSK100A-FMH32-350-D74			350					11.46
HSK100A-FMH32-400-D74			400					12.58
HSK100A-FMH32-450-D74			450					13.73
HSK100A-FMH32-500-D74			500					14.88
HSK100A-FMH32-600-D74			600					17.18

BT-FMH減震銑刀桿系列

BT-FMH Series Damped Milling Tool

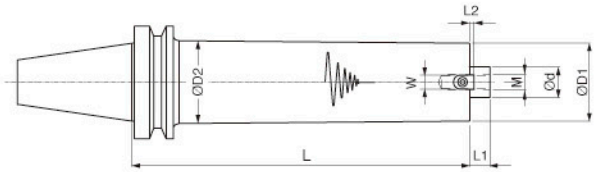
專利產品 Patent Products

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1.本產品使用中空刀桿與動態減震器，可吸收徑向與軸向的震動。
2.可適用市面上所有通用的銑刀盤。
3.本產品與相同長度的銑刀桿相比，可得到更快的切削進給及良好的加工表面精度。



組合式 COMBINATION



英制刀盤用 USE IN INCH SYSTEM

*訂購時請註明BT系列或HBT系列。 Please indicate BT or HBT series on the order.

MODEL NO.	ØD2	ØD1	L	Ød	L1	W	L2	Weight
BT40-FMH25.4-150-D59	61	59	150	25.4	19	9.5	4.3	4.11
BT40-FMH25.4-200-D59	61	59	200	25.4	19	9.5	4.3	5.12
BT40-FMH25.4-250-D59	61	59	250	25.4	19	9.5	4.3	6.13
BT40-FMH25.4-300-D59	61	59	300	25.4	19	9.5	4.3	7.14
BT40-FMH31.75-350-D72	72	72	350	31.75	21	12.7	6.8	12.01
BT50-FMH25.4-300-D58	61	58	300	25.4	19	9.5	4.3	7.62
BT50-FMH25.4-350-D58	61	58	350	25.4	19	9.5	4.3	8.43
BT50-FMH25.4-400-D58	61	58	400	25.4	19	9.5	4.3	9.24
BT50-FMH25.4-450-D58	61	58	450	25.4	19	9.5	4.3	10.05
BT50-FMH25.4-500-D58	61	58	500	25.4	19	9.5	4.3	10.86
BT50-FMH25.4-600-D58	61	58	600	25.4	19	9.5	4.3	12.48
BT50-FMH25.4-300-D70	73	70	300	25.4	19	9.5	4.3	8.71
BT50-FMH25.4-350-D70	73	70	350	25.4	19	9.5	4.3	9.86
BT50-FMH25.4-400-D70	73	70	400	25.4	19	9.5	4.3	11.01
BT50-FMH25.4-450-D70	73	70	450	25.4	19	9.5	4.3	12.16
BT50-FMH25.4-500-D70	73	70	500	25.4	19	9.5	4.3	13.31
BT50-FMH25.4-600-D70	73	70	600	25.4	19	9.5	4.3	15.61
BT50-FMH31.75-300-D70	73	70	300	31.75	21	12.7	6.8	8.88
BT50-FMH31.75-350-D70	73	70	350	31.75	21	12.7	6.8	10.03
BT50-FMH31.75-400-D70	73	70	400	31.75	21	12.7	6.8	11.18
BT50-FMH31.75-450-D70	73	70	450	31.75	21	12.7	6.8	12.33
BT50-FMH31.75-500-D70	73	70	500	31.75	21	12.7	6.8	13.48
BT50-FMH31.75-600-D70	73	70	600	31.75	21	12.7	6.8	15.78
BT50-FMH31.75-500-D84	84	80	500	31.75	21	12.7	6.8	14.99
BT50-FMH31.75-600-D84	84	80	600	31.75	21	12.7	6.8	17.74

注意事項

1. 減震銑刀桿適合一層層的銑削方式去除材料，不適合採用插銑的加工方式。
2. 長時間銑削需搭配冷卻液或氣體冷卻刀桿本體，加工造成的溫度升需控制在120°C 以內。

Notice of operations

1. The FMH damped milling tool is designed tohandle stepped milling operations instead of plunge milling.
2. Internalcoolant fluid or air should be applied during continuous operation to keep the machining temperature to be within 120°C.

公制刀盘用 USE IN METRIC SYSTEM

MODEL NO.	ØD2	ØD1	L	Ød	L1	W	L2	Weight
BT40-FMH16-200-D38	38	38	200	16	16.5	8	4.3	3.89
BT40-FMH16-250-D38			250					4.64
BT40-FMH16-300-D38			300					5.44
BT40-FMH22-150-D48	48	48	150	22	18	10	4.3	4.23
BT40-FMH22-200-D48			200					4.98
BT40-FMH22-250-D48			250					5.73
BT40-FMH22-300-D48			300					6.53
BT40-FMH22-150-D59	61	59	150	22	18	10	4.3	4.03
BT40-FMH22-200-D59			200					5.04
BT40-FMH22-250-D59			250					6.04
BT40-FMH22-300-D59			300					7.05
BT40-FMH27-150-D59	61	59	150	27	20	12	5.8	4.43
BT40-FMH27-200-D59			200					5.45
BT40-FMH27-250-D59			250					6.45
BT40-FMH27-300-D59			300					7.46
BT40-FMH27-350-D72	72	72	350					11.91
BT50-FMH16-200-D38	38	38	200	16	16.5	8	4.3	6.69
BT50-FMH16-250-D38			250					7.44
BT50-FMH16-300-D38			300					8.24
BT50-FMH22-250-D44	44	44	250	22	18	10	4.3	6.58
BT50-FMH22-300-D44			300					7.15
BT50-FMH22-350-D44			350					7.72
BT50-FMH22-300-D48	48	48	300					6.58
BT50-FMH22-350-D48			350					7.25
BT50-FMH22-400-D48			400					7.92
BT50-FMH22-300-D58	62	58	300					7.46
BT50-FMH22-350-D58			350					8.33
BT50-FMH22-400-D58			400					9.20
BT50-FMH22-450-D58			450					10.07
BT50-FMH22-500-D58			500					10.94
BT50-FMH27-300-D58			300	27	20	12	5.8	7.56
BT50-FMH27-350-D58			350					8.43
BT50-FMH27-400-D58			400					9.30
BT50-FMH27-450-D58			450					10.17
BT50-FMH27-500-D58			500					11.04
BT50-FMH27-600-D58			600					12.69
BT50-FMH27-300-D74	78	74	300					8.74
BT50-FMH27-350-D74			350					9.89
BT50-FMH27-400-D74			400					11.03
BT50-FMH27-450-D74			450					12.25
BT50-FMH27-500-D74			500					13.33
BT50-FMH27-550-D74			550					14.48
BT50-FMH27-600-D74			600					15.60
BT50-FMH32-300-D74			300	32	21	14	6.8	8.90
BT50-FMH32-350-D74			350					10.08
BT50-FMH32-400-D74			400					11.20
BT50-FMH32-450-D74			450					12.35
BT50-FMH32-500-D74			500					13.50
BT50-FMH32-550-D74			550					14.72
BT50-FMH32-600-D74			600					15.80
BT50-FMH32-500-D84	84	80	500			6.8	14	15.01
BT50-FMH32-600-D84			600					17.46
BT50-FMH40-600-D74	78	74	600	40	21	6	16	16.48
BT50-FMH40-500-D84	84	80	500					15.33
BT50-FMH40-600-D84			600					17.78

BT/HBT-LT減震系列

BT/HBT-LT SERIES DAMPED MILLING TOOL

專利產品 Patent Products

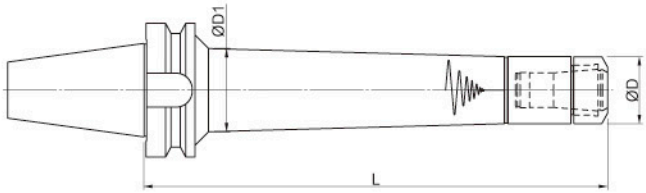
特性說明

1.減震器與LT夾持系統結合。
2.可減少碳化鎢銑刀切削時所造成的震動。
3.可以取得較佳的加工表面和較快的加工效率。

Features

1.A perfect combination of damper and LT tool clamping system.
2.Damping reduces vibration generated from cutting with tungsten carbide milling cutters.
3.Superior surface finish and machining efficiency can therefore be performed.





MODEL NO.	L	D	D1	Collet	Clamping Range
BT50-LT20(H)-150	150	50	-	LT20	5-20
BT50-LT20(H)-200	200	50	-	LT20	5-20
BT50-LT25(H)-150	150	58	-	LT25	4-25
BT50-LT25(H)-200	200	58	-	LT25	4-25
HBT50-LT20(H)-300	300	50	-	LT20	5-20
HBT50-LT20(H)-300-T	300	52	60	LT20	5-20
HBT50-LT20(H)-350	350	50	-	LT20	5-20
HBT50-LT20(H)-350-T	350	52	60	LT20	5-20
HBT50-LT20(H)-400	400	50	-	LT20	5-20
HBT50-LT20(H)-400-T	400	52	60	LT20	5-20
HBT50-LT20(H)-450	450	50	-	LT20	5-20
HBT50-LT20(H)-450-T	450	52	59	LT20	5-20
HBT50-LT25(H)-250	250	58	-	LT25	4-25
HBT50-LT25(H)-300	300	58	-	LT25	4-25
HBT50-LT25(H)-350	350	58	-	LT25	4-25

注意事項

1.LT筒夾請使用精密級。
2.只能夾持與筒夾相對應的整數柄徑。
3.長刀桿裝在主軸時，需先測量刀具上機後的偏擺，偏擺過大會造成減震失效。

Notice of operations

1. Please use collets with precision class G and higher grades only.
2. Collet clamping only applicable with its corresponding tool diameter with the integer number.
3. Measure the tool runout after mounting the long tools onto the machine spindle. Improper tool runout will cause damper failure.

HBT-LR減震銑刀桿系列

HBT-LR SERIES DAMPED MILLING TOOL

專利產品
Patent Products

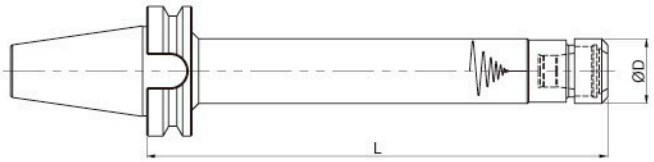
特性說明

1. 減震器與LR夾持系統結合。
2. 可減少碳化鎢銑刀切削時所造成的震動。
3. 可以取得較佳的加工表面和較快的加工效率。



Features

1.A perfect combination of damper and LR tool clamping system.
2.Damping reduces vibration generated from cutting with tungsten carbide milling cutters.
3.Superior surface finish and machining efficiency can therefore be performed.



MODEL NO.	L	D	D1	Collet	Clamping Range
HBT40-LR25(H)-150	150	45	ER25	6-16	2.52
HBT40-LR25(H)-200	200	45	ER25	6-16	3.11
HBT40-LR25(H)-250	250	45	ER25	6-16	3.70
HBT40-LR32(H)-150	150	50	ER32	6-20	2.96
HBT40-LR32(H)-200	200	50	ER32	6-20	3.76
HBT40-LR32(H)-250	250	50	ER32	6-20	4.56
HBT40-LR32(H)-300	300	50	ER32	6-20	5.36
HBT50-LR25(H)-200	200	45	ER25	6-16	5.39
HBT50-LR25(H)-250	250	45	ER25	6-16	5.95
HBT50-LR25(H)-300	300	45	ER25	6-16	6.51
HBT50-LR32(H)-200	200	50	ER32	6-20	6.15
HBT50-LR32(H)-250	250	50	ER32	6-20	6.85
HBT50-LR32(H)-300	300	50	ER32	6-20	7.27
HBT50-LR32(H)-350	350	50	ER32	6-20	7.65
HBT50-LR40(H)-400	400	50	ER40	6-25	8.88
HBT50-LR40(H)-200	200	63	ER40	6-25	7.62
HBT50-LR40(H)-250	250	63	ER40	6-25	8.94
HBT50-LR40(H)-300	300	63	ER40	6-25	10.26
HBT50-LR40(H)-350	350	63	ER40	6-25	11.58
HBT50-LR40(H)-400	400	63	ER40	6-25	13.26

注意事項

1.ER筒夾請使用精密級。
2.只能夾持與筒夾相對應的整數柄徑。
3.長刀桿裝在主軸時，需先測量刀具上機後的偏擺，偏擺過大會造成減震失效。

Notice of operations

1. Please use collets with precision class G and higher grades only.
2. Collet clamping only applicable with its corresponding tool diameter with the integer number.
3. Measure the tool runout after mounting the long tools onto the machine spindle. Improper tool runout will cause damper failure.

HSK-LR減震系列

HSK-LR SERIES DAMPED MILLING TOOL

專利產品
Patent Products

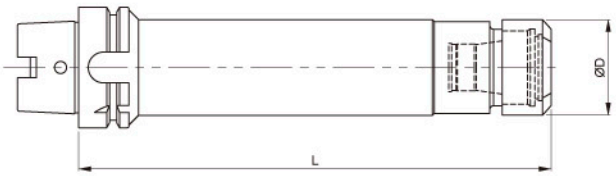
特性說明

1. 減震器與LR夾持系統結合。
2. 可減少碳化鎢銑刀切削時所造成的震動。
3. 可以取得較佳的加工表面和較快的加工效率。



Features

1.A perfect combination of damper and LR tool clamping system.
2.Damping reduces vibration generated from cutting with tungsten carbide milling cutters.
3.Superior surface finish and machining efficiency can therefore be performed.



MODEL NO.	L	D	D1	Collet	Clamping Range
HSK63A-LR25-150(H)	150	45	ER25	6-16	2.47
HSK63A-LR25-200(H)	200	45	ER25	6-16	3.52
HSK63A-LR25-250(H)	250	45	ER25	6-16	5.02
HSK63A-LR32-150(H)	150	50	ER32	6-20	2.71
HSK63A-LR32-200(H)	200	50	ER32	6-20	3.60
HSK63A-LR32-250(H)	250	50	ER32	6-20	4.49
HSK63A-LR32-300(H)	300	50	ER32	6-20	5.38
HSK100A-LR25-200(H)	200	45	ER25	6-16	5.05
HSK100A-LR25-250(H)	250	45	ER25	6-16	6.55
HSK100A-LR25-300(H)	300	45	ER25	6-16	8.05
HSK100A-LR32-200(H)	200	50	ER32	6-20	5.30
HSK100A-LR32-250(H)	250	50	ER32	6-20	6.14
HSK100A-LR32-300(H)	300	50	ER32	6-20	6.98
HSK100A-LR32-350(H)	350	50	ER32	6-20	7.96
HSK100A-LR32-400(H)	400	50	ER40	6-25	9.05
HSK100A-LR40-200(H)	200	63	ER40	6-25	5.07
HSK100A-LR40-250(H)	250	63	ER40	6-25	5.57
HSK100A-LR40-300(H)	300	63	ER40	6-25	6.13
HSK100A-LR40-350(H)	350	63	ER40	6-25	6.65
HSK100A-LR40-400(H)	400	63	ER40	6-25	7.66

注意事項

1.ER筒夾請使用精密級。
2.只能夾持與筒夾相對應的整數柄徑。
3.長刀桿裝在主軸時，需先測量刀具上機後的偏擺，偏擺過大會造成減震失效。

Notice of operations

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2. Collet clamping only applicable with its corresponding tool diameter with the integer number.
3. Measure the tool runout after mounting the long tools onto the machine spindle. Improper tool runout will cause damper failure.

SLTC減震直柄車刀桿+快換式KT車刀頭

SLTC DAMPED TURNING HOLDER SERIES WITH QUICK CHANGE KT TYPE TURNING HEAD

專利產品 Patent Products

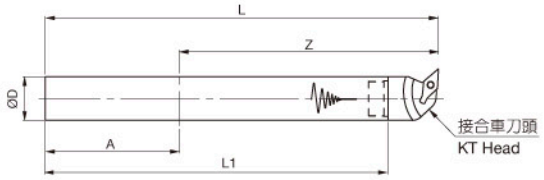


Fig. 1



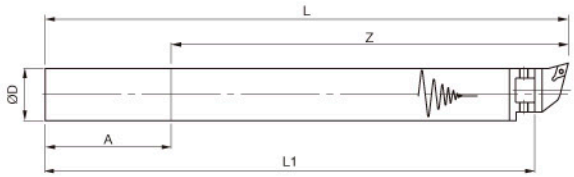


Fig. 2

MODEL NO.	Fig.	L1	Z	L	A	Z/D	ØD	KT Head	Weight
SLTC12-150	1	150	100	170	70	8D	12	KT12	0.22
SLTC16-150	1	150	105	175	70	6D	16	KT16	0.28
SLTC16-180	1	180	135	205	70	8D	16	KT16	0.33
SLTC20-180	1	180	130	210	80	6D	20	KT20	0.55
SLTC20-220	1	220	170	250	80	8D	20	KT20	0.65
SLTC25-210	1	210	160	240	80	6D	25	KT25	0.97
SLTC25-260	1	260	210	290	80	8D	25	KT25	1.16
SLTC32-260	1	260	205	295	90	6D	32	KT32	1.93
SLTC32-320	1	320	265	355	90	8D	32	KT32	2.28
SLTC32-380	1	380	325	415	90	10D	32	KT32	2.63
SLTC40-320	1	320	240	360	120	6D	40	KT40	2.87
SLTC40-360	1	360	280	400	120	7D	40	KT40	3.57
SLTC40-400	1	400	320	440	120	8D	40	KT40	3.92
SLTC40-440	1	440	360	480	120	9D	40	KT40	4.27
SLTC40-480	1	480	400	520	120	10D	40	KT40	4.62
SLTC40-525	1	525	445	565	120	11D	40	KT40	5.01
SLTC50-420	1	420	310	460	150	6D	50	KT50	7.10
SLTC50-520	1	520	410	560	150	8D	50	KT50	8.39
SLTC50-620	1	620	510	660	150	10D	50	KT50	9.68
SLTC50-720	1	720	610	760	150	15D	50	KT50	10.97
SLTC60-460	2	460	350	500	150	6D	60	KT50	8.11
SLTC60-580	2	580	470	620	150	8D	60	KT50	9.82
SLTC60-600	2	600	490	640	150	8D	60	KT50	11.53
SLTC60-720	2	720	610	760	150	10D	60	KT50	13.24

＊規格不含快換式LT車刀頭。 LT heads not included.

DC32, DC40, DC50, DC60 減震車刀套筒系列

DC32, DC40, DC50, DC60 DAMPED TURNING TOOL SLEEVE SERIES

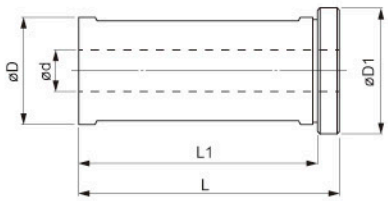
特性說明



1. 減震車刀套筒使用在車刀固定座上以夾持不同柄徑的減震車刀桿或碳化鎢車刀桿。
2. 減震車刀套筒在夾持車刀桿時，可以收縮變形，產生全包覆式的夾持，可使車刀桿得到穩固的支撐，減少車刀桿產生震動的因素。
3. 減震車刀套筒在夾持車刀桿時，會分散車刀固定螺絲所產生的壓力，可避免壓力集中而鎖斷碳化鎢製的車刀桿。

Features

1. Using damped turning tool sleeves for clamping of damped turning tools or damped tungsten carbide turning tools in different diameters to fit with turning tool holders.
2. The damped turning tool sleeves designed with an all-round-clamping method provide superior clamping stability and high concentricity for damped turning tools, thus reduce the potential causes of vibration.
3. While clamping with the damped turning tool sleeve, it disperses the pressure generated from the locking force of the tool holder. This protects the tungsten carbide turning tool from concentrative structural pressure which might cause fracture of the tool body.



MODEL NO.	ØD	Ød	ØD1	L1	L	Weight
DC32-10	32	10	40	77	85	0.49
DC32-12		12				0.47
DC32-14		14				0.45
DC32-16		16				0.41
DC32-18		18				0.38
DC32-20		20				0.35
DC32-25		25				0.23
DC40-10	40	10	48	90	98	0.87
DC40-12		12				0.85
DC40-14		14				0.83
DC40-16		16				0.79
DC40-18		18				0.76
DC40-20		20				0.73
DC40-25		25				0.60
DC40-32		32				0.38
DC50-10	50	10	58	102	110	1.61
DC50-12		12				1.59
DC50-14		14				1.57
DC50-16		16				1.53
DC50-18		18				1.50
DC50-20		20				1.44
DC50-25		25				1.30
DC50-32		32				1.04
DC50-40		40				0.70
DC60-20	60	20	75	135	145	3.00
DC60-25		25				2.80
DC60-32		32				2.50
DC60-40		40				2.00
DC60-50		50				1.20

常用絲攻規格表

ISO (歐規)	Ød	□
M2	2.5	2.0
M2.2 M2.5	2.8	2.24
M3	3.15	2.5
M3.5	3.55	2.8
M4	4.0	3.15
M4.5	4.5	3.55
M5	5.0	4.0
M6	6.3	5.0
M7	7.1	5.6
M8 M11	8.0	6.3
M12	9.0	7.1
M10	10.0	8.0
M14	11.2	9.0
M16	12.5	10.0
M18 M20	14.0	11.2
M22	16.0	12.5
M24	18.0	14.0
M27 M30	20.0	16.0
M33	22.4	18.0
M36	25.0	20.0
M39 M42	28.0	22.4
M45 M48	31.5	25.0
M52 M56	35.5	28.0
M60 M64	40.0	31.5
U 5/32	4.0	3.15
U 3/16	5.0	4.0
U 1/4	6.3	5.0
U 5/16	8.0	6.3
U 1/2	9.0	7.1
U 3/8	10.0	8.0
U 9/16	11.2	9.0
U 5/8	12.5	10.0
U 3/4	14.0	11.2
U 7/8	16.0	12.5
U 1	18.0	14.0
PT1/16	5.6	4.5
PT1/8	8.0	6.3
PT1/4	10.0	8.0
PT3/8	12.5	10.0
PT1/2	16.0	12.5
PT3/4	20.0	16.0
PT1	25.0	20.0

DIN371 (德規)	Ød	□
M3	3.5	2.7
M3.5	4.0	3.0
M4	4.5	3.4
M5 M6	6.0	4.9
M8	8.0	6.2
M10	10.0	8.0

DIN376 (德規)	Ød	□
M3.5	2.5	2.1
M4	2.8	2.1
M5	3.5	2.7
M6	4.5	3.4
M8	6.0	4.9
M10	7.0	5.5
M12	9.0	7.0
M14	11.0	9.0
M16	12.0	9.0
M18	14.0	11.0
M20	16.0	12.0
M22 M24	18.0	14.5
M27	20.0	16.0
M30	22.0	18.0
M33	25.0	20.0
M36	28.0	22.0
M39 M42	32.0	24.0
M45 M48	36.0	29.0
M56 M60	45.0	35.0
M64	50.0	39.0
PT1/8	7.0	5.5
PT1/4	11.0	9.0
PT3/8	12.0	9.0
PT5/8	18.0	14.5
PT3/4	20.0	16.0
PT1	25.0	20.0

JIS(日規) 公制	Ød	□
M2	3.0	2.5
M3	4.0	3.2
M3.5	4.0	3.2
M4	5.0	4.0
M4.5	5.0	4.0
M5	5.5	4.5
M5.5	5.5	4.5
M6	6.0	4.5
M7	6.2	5.0
M8	6.2	5.0
M9	7.0	5.5
M10	7.0	5.5
M11	8.0	6.0
M12	8.5	6.5
M13	9.5	7.0
M14	10.5	8.0
M15	10.5	8.0
M16	12.5	10.0
M17	13.0	10.0
M18	14.0	11.0
M20	15.0	12.0
M22	17.0	13.0
M24 M25	19.0	15.0
M26 M27	20.0	15.0
M28	21.0	17.0
M30	23.0	17.0
M32	24.0	19.0
M33	25.0	19.0
M34 M35	26.0	21.0
M36 M38	28.0	21.0
M39 M40	30.0	23.0
M42	32.0	26.0
M45	35.0	26.0
M48	38.0	29.0
M50	40.0	32.0
M52	42.0	32.0
M55 M56	44.0	35.0
M58 M60	46.0	35.0
M62 M64	48.0	38.0

JIS(日規) 英制	Ød	□
W1/8	4.0	3.2
W5/32	5.0	4.0
W3/16	5.5	4.5
W1/4	6.0	4.5
W5/16	6.1	5.0
W3/8	7.0	5.5
W7/16	8.0	6.0
W1/2	9.0	7.0
W9/16	10.5	8.0
W5/8	12.0	9.0
W11/16	13.0	10.0
W3/4	14.0	11.0
W13/16	16.0	12.0
W7/8	17.0	13.0
W1	20.0	15.0
W1 1/8	22.0	17.0
W1 1/4	24.0	19.0
W1 3/8	26.0	21.0
W1 1/2	30.0	23.0
W1 5/8	32.0	26.0
W1 3/4	35.0	26.0
W1 7/8	38.0	29.0
W2	40.0	32.0
W2 1/4	45.0	35.0
W2 1/2	48.0	38.0

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PT1/8.PT1 /16	8.0	6.0
PT1/4	11.0	9.0
PT3/8	14.0	11.0
PT1/2	18.0	14.0
PT5/8	20.0	15.0
PT3/4	23.0	17.0
PT7/8	24.0	19.0
PT1	26.0	21.0
PT1 1/8	28.0	21.0
PT1 1/4	32.0	26.0
PT1 3/8	35.0	26.0
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PT1 5/8	40.0	32.0
PT1 3/4	42.0	32.0
PT2	46.0	35.0

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