億錡專業CNC工具
E-CHEE MACHINE TOOLS
2023

Boring Tools



Professional
Precision
Durable

ISO 9001

高精密組合式搪刀系列
High precision modular boring tools

INDEX 目錄-產品介紹


P5
CBH FINISH BORING HEAD
CBH 微調精搪刀系列


P6
RBT-LBK HOLDER + CBH FINE BORING HEAD
RBT-LBK刀柄+CBH微調精搪刀


P7
HSK-LBK HOLDER + CBH FINE BORING HEAD
HSK-LBK刀柄+CBH微調精搪刀


P8
MBH FINISH BORING HEAD
MBH 微調精搪刀系列


P9
RBT-LBK HOLDER+MBH FINE BORING HEAD
RBT-LBK刀柄+MBH微調精搪刀


P10
HSK-LBK HOLDER+MBH FINE BORING HEAD
HSK-LBK刀柄+MBH微調精搪刀


P11
CBM MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER
CBM精密微調精搪頭與刀片座


P11
CBM MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER
CBM精密微調精搪頭與刀片座


P11
CBM MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER
CBM精密微調精搪頭與刀片座


P11
CBM MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER
CBM精密微調精搪頭與刀片座



P13
CBM MICRO ADJUSTMENT BORING HEAD + RBT-LBK HOLDER
CBM精密微調正搪孔刀+RBT-LBK刀柄



P15
CBM MICRO ADJUSTMENT BORING HEAD +RBT-LBK HOLDER
CBM精密微調反搪孔刀+RBT-LBK刀柄


P17
INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD SERIES
RBM可調式單刃粗搪刀系列


P17
INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD SERIES
RBM可調式單刃粗搪刀系列


P17
INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD SERIES
RBM可調式單刃粗搪刀系列


P17
INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD SERIES
RBM可調式單刃粗搪刀系列



P19
INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD+LBK HOLDER
RBM可調式單刃粗搪正搪孔刀+LBK刀柄



P21
INDEXABLE RBM SINGLE-BIT ROUGH REVERSE BORING HEAD+LBK HOLDER
RBM可調式單刃粗搪反搪孔刀+LBK刀柄


P23
INDEXABLE TWIN-EDGE ROUGH BORING HEAD RBH-LA
新型RBH-LA可調式雙刃粗搪刀系列


P24
RBT-LBK+RBH-LA TWIN-EDGE ROUGH BORING HEAD
RBT-LBK刀柄+RBH-LA雙刃粗搪刀


P25
HSK-LBK+RBH-LA TWIN-EDGE ROUGH BORING HEAD
HSK-LBK刀柄+RBH-LA雙刃粗搪刀


P26
RBH INDEXABLE TWIN-EDGE ROUGH BORING HEAD
RBH可調式大徑雙刃粗搪刀系列


P27
RBH INDEXABLE TWIN-EDGE ROUGH BORING HEAD + BST HOLDER
RBH可調式大徑雙刃粗搪刀+BST刀柄


P28
RBH-LA LARGE DIAMETER MODULAR ROUGH BORING HEAD
RBH-LA組合式大徑粗搪刀系列

INDEX 目錄-產品介紹


P29
RBH-LA Ø200⁺ LARGE-DIAMETER MODULAR ROUGH BORING HEAD + RBT-LBK HOLDER
RBH-LA組合式大徑雙刃粗搪刀＋RBT-LBK刀柄


P30
HSK-LBK7 HOLDER + RBH-LA Ø200⁺ LARGE-DIAMETER MODULAR ROUGH BORING HEAD
HSK-LBK7刀柄＋Ø200mm以上
RBH-LA組合式大徑雙刃粗搪刀


P31
CBH LARGE DIAMETER MODULAR FINE BORING HEAD
CBH組合式大徑微調精搪刀系列


P32
CBH LARGE DIAMETER MODULAR FINE BORING HEAD + RBT-LBK HOLDER
CBH大孔徑微調精搪刀＋RBT-LBK刀柄


P33
HSK-LBK7 HOLDER + CBH Ø200⁺ LARGE-DIAMETER MODULAR FINE BORING HEAD
HSK-LBK7刀柄＋Ø200mm以上
CBH組合式大孔徑微調精搪刀


P34
CBM LARGE DIAMETER MODULAR ADJUSTMENT BORING HEAD
CBM組合式大徑精密微調搪孔刀系列


P35
CBM LARGE DIAMETER MODULAR ADJUSTMENT BORING HEAD + RBT-LBK HOLDER
CBM組合式大徑精密微調搪孔刀＋RBT-LBK刀柄


P36
CBR MODULAR EXTERNAL FINE BORING HEAD
CBR組合式外圓微調精搪刀系列


P37
CBM55/68/100 MODULAR ASSEMBLIES EXTERNAL BORING
CBM55/68/100專用外圓組件RM150套組


P37
CBM55/68/100 MODULAR ASSEMBLIES EXTERNAL BORING
CBM55/68/100專用外圓組件RM150套組


P38
INTERNAL AND EXTERNAL SQUARE SHANK BORING TOOL FOR WBST HOLDER
WBST刀盤專用四方柄內外圓精搪孔刀架


P39
WBST Ø150+ LARGE DIAMETER SQUARE SHANK BORING TOOL +BST HOLDER
WBST四方柄大徑搪刀＋BST刀柄


P40
WBST Ø150+ LARGE DIAMETER SQUARE SHANK BORING TOOL + BST HOLDER FOR EXTERNAL BORING
WBST四方柄大徑搪刀+BST刀柄 外圓加工用


P41
SMALL DIAMETER FINE BORING HEAD TYPE CBI
CBI小徑微調精搪刀系列


P41
CBI SMALL-DIAMETER FINE BORING HEAD + RBT/HSK-LBK HOLDER + BJ BORING TOOL
CBI小徑微調精搪刀
＋RBT/HSK-LBK刀柄＋小徑搪刀桿BJ系列


P42
BJ SMALL-DIAMETER BORING TOOL FOR CBI
CBI專用小徑搪刀桿BJ型


P42
AC EXTENSION ADAPTOR FOR CBI SMALL -DIAMETER FINE BORING HEAD
CBI系列專用小徑搪刀延長桿AC型


P42
SBJ TUNGSTEN CARBIDE BORING TOOL FOR CBI SMALL -DIAMETER FINE BORING HEAD
CBI系列專用超小徑碳化鎢搪孔刀SBJ型


P43
TUNGSTEN CARBIDE SMALL DIAMETER MODULAR BORING BAR TYPE ST
碳化鎢組合式小徑搪刀桿ST型


P44
CBR20 、CBR30 MODULAR ASSEMBLIES FOR EXTERNAL BORING & EXTENSION ADAPTOR
組合式外圓搪孔組件&專用加長連接桿


P45
CBH2084 FINE BORING HEAD PACKAGE
CBH2084微調搪刀套組


P46
CBI6 SMALL DIAMETER FINE BORING HEAD PACKAGE
CBI6小徑微調精搪刀套組


P47
FINE BORING BAR TYPE BR (FOR CBM55/ 68)
CBM55/68專用小徑搪刀桿BR型


P47
TRANSFER BAR FOR INSERT HOLDER C16-BRM + SP INSERT HOLDER (FOR CBM55/68)
CBM55/68專用刀片座轉接桿C16-BRM+SP刀片座

INDEX 目錄-產品介紹


P47
FORWARD/REVERSE INSERT HOLDER (FOR CBM55/68)
CBM55/68專用正反搪刀片座


P47
ADAPTER PLATE CB150 AND BALANCE BASE RCM100 FOR CBM55/68/100
CBM55/68/100專用轉接板CB150與平衡塊RCM100


P47
SUPER FINE DIAMETER TUNGSTEN CARBIDE BORING BAR DEDICATED TO CBM55/68 SERIES TYPE SBJ
CBM55/68系列專用超小徑碳化鎢搪孔刀


P47
EXTENSION ADAPTER FOR SMALL DIAMETER BORING BAR DEDICATED TO CBM55/68 SERIES TYPE C16-BRC
CBM55/68系列專用小徑搪刀延長桿 C16-BRC型


P48
CBM55 MICRO ADJUSTMENT BORING HEAD/SET
CBM55精密微調搪孔頭套組


P49
CBM68 MICRO ADJUSTMENT BORING HEAD/SET
CBM68精密微調搪孔頭套組


P50
INTEGRATED TUNGSTEN CARBIDE ROUGH/FINE BORING TOOL
直柄整體式鎢鋼桿精、粗搪刀


P50
SIDE-LOCK HOLDER FOR TUNGSTEN CARBIDE BORING TOOL
鎢鋼搪刀桿專用側固式刀桿


P50
TOOL SLEEVE
專用套筒


P51
C32 STRAIGHT SHANK BORING BAR
C32直柄搪刀桿 · 接合搪刀頭


P51
SK HOLDER
SK刀桿規格表


P52
BORING BAR EXTENSION SLEEVE
等徑搪刀延長接桿


P52
BORING BAR REDUCTION SLEEVE
異徑搪刀延長接桿


P53
LBK REDUCTION SLEEVE + RBH-LA INDEXABLE TWIN-EDGE ROUGH BORING HEAD
LBK異徑接桿+RBH-LA雙刃粗搪刀尺寸表


P53
LBK REDUCTION SLEEVE + CBH FINE BORING HEAD
LBK異徑接桿+CBH微調精搪刀尺寸表


P54
RBT-LBK BORING TOOL HOLDER
RBT-LBK搪孔刀桿


P54
BT-BST BORING TOOL HOLDER
BT-BST 搪孔刀桿


P55
HSK-LBK BORING TOOL HOLDER
HSK-LBK搪孔刀桿


P55
CHAMFER RING
倒角環


P55
CHAMFER RING INSERT
倒角環刀片


P56
PSC/LBK BORING TOOL HOLDER
PSC/LBK 搪頭刀柄


P58
FIXED ROUGH BORING BARS
固定式粗搪刀


P60
FIXED ROUGH BORING BARS
固定式粗搪刀


P63
SQUARE CUTTER BORING BAR / BSA - BT30, BT40, BT50
粗搪孔刀柄


P64
BORING BAR/BSA - NT40, NT50
粗搪孔刀柄


P65
BORING BAR/BSB - BT30, BT40, BT50
粗搪孔刀柄


P66
BORING BAR/BSB - NT40, NT50
粗搪孔刀柄


P67
LARGE SIZE BORING BAR - BT50
大孔徑鏜孔刀柄


P67
LARGE SIZE BORING BAR - NT50
大孔徑搪孔刀柄


P68
LARGE SIZE MICRO BORING BAR - BT40, BT50
大孔徑精搪孔刀柄


P68
LARGE SIZE MICRO BORING BAR - NT50
大孔徑精搪孔刀柄


P69
BORING CUTTER
搪孔刀

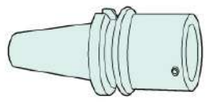
WE ARE THE PRO · · · · · · ·



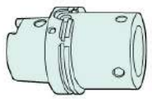
Professional
Precision
Durable

BORING TOOLS

LBK7刀桿系列
LBK7 Boring System

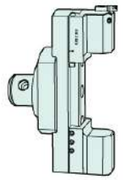


RBT-LBK7 搪刀刀桿
RBT-LBK7 Boring Tool Holder

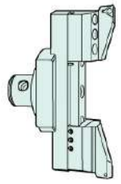


HSK-LBK7 搪刀刀桿
HSK-LBK7 Boring Tool Holder

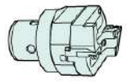
P54 P55



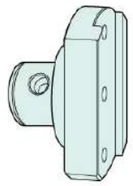
P31 Ø200以上CBH組合式大徑微調精搪刀
CBH Ø200+ Large-Diameter Modular Fine Boring Head



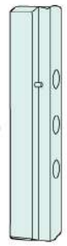
P28 Ø200以上RBH-LA組合式大徑粗搪刀
RBH-LA Ø200+ Large-Diameter Modular Rough Boring Head



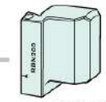
P23 RBH120,160-LA可調式雙刃粗搪刀
RBH120/160-LA Indexable Twin-Edge Rough Boring Head



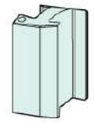
LBK7-BR200連接盤
LBK7-BR200 Adaptor



RST橋向滑板
RST Bridge



RBN200平衡滑塊
RBN200 Counterweight



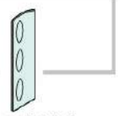
RS200滑塊
RS200 Slide



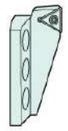
CB200微調滑塊
CB200 Fine Boring Head



HBR200外圓滑塊
HBR200 Slide



RS201刀片座墊片
RS201 Height Setting Shim

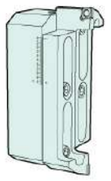


RB200刀片座
RB200 Insert Holder

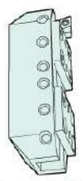
BST刀桿系列
BST Boring System

BST 搪刀刀桿
BST Boring Tool Holder

P54



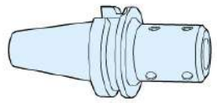
P26 Ø200以上RBH可調式大徑雙刃粗搪刀
RBH Ø200+ Indexable Twin-Edge Rough Boring Head



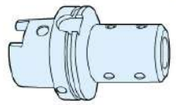
P38 Ø150以上WBST四方柄大徑搪刀
WBST Ø150+ Large-Diameter Square Shank Boring Tool

LBK刀桿系列
LBK Boring System





RBT 鎢鋼專用側固式刀桿
RBT Side-Lock Holder for Tungsten Carbide Boring Bar



HSK 鎢鋼專用側固式刀桿
HSK Side-Lock Holder for Tungsten Carbide Boring Bar

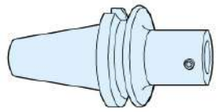
P50



P50 直柄整體式鎢鋼桿精、粗搪刀
Integrated Tungsten Carbide Boring Tool

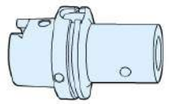


P51 直柄搪刀桿 Straight Shank Boring Bar



RBT-LBK 搪刀刀桿 RBT-LBK Boring Tool Holder

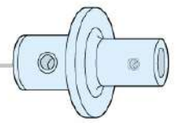
P54



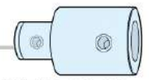
HSK-LBK 搪刀刀桿 HSK-LBK Boring Tool Holder

P55

P52

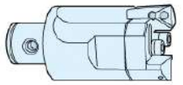


異徑搪刀延長桿
Boring Bar Reduction Sleeve



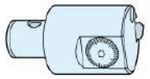
等徑搪刀延長桿
Boring Bar Extension Sleeve

P23



RBH LA可調式雙刃粗搪刀系列
RBH-LA Indexable Twin-Edge Rough Boring Head

P5



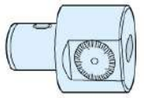
CBH微調精搪刀系列
CBH Fine Boring Head

P8



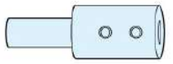
MBH微調精搪刀系列
MBH Fine Boring Head

P41



CBI小徑微調精搪刀系列
CBI Small-Diameter Fine Boring Head

P42

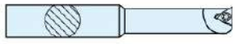


AC小徑搪刀延長桿
AC Extension Adaptor



SBJ 超小徑鎢鋼搪孔刀
SBJ Tungsten Carbide Boring Tool

P42

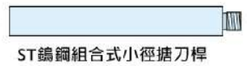


BJ小徑搪刀桿
BJ Small-Diameter Boring Tool

P43

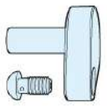


EC套筒
EC Sleeve



ST鎢鋼組合式小徑搪刀桿
ST Tungsten Carbide Small-Diameter Modular Boring Bar

P44



CBR組合式外圓搪孔組件
CBR External Boring Modular Assemblies



CBR專用加長連接桿
Extension Adaptor for CBR20/30

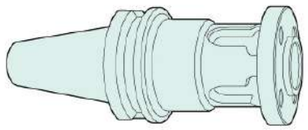


BE搪孔頭
BE Modular Insert Holder

搪刀搭配系統
MODULAR BORING SYSTEMS

BORING CUTTER SYSTEM

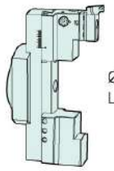
BST刀桿系列
BST Boring System



搪孔刀桿
Taper Shank

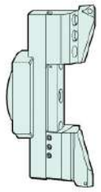
P54

P34

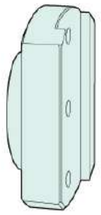


Ø200以上CBM組合式大徑精搪刀
Large Diameter Micro Adjustment Boring Head

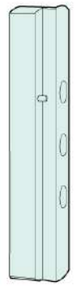
P28



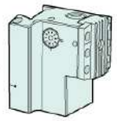
Ø200以上RBH-LA組合式大徑粗搪刀
Large Diameter Rough Boring Head



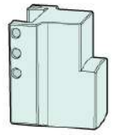
BR200 連接盤
BR200 Flange



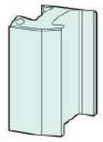
RST 橫向滑板
RST Extension Slide



CM200 微調滑塊
CM200 Finish Head



RCM200 平衡滑塊
RCM200 Balance Base



RS200 滑塊
RS200 Clamp Base



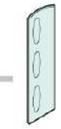
SP刀片座
SP Insert Holder



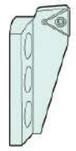
SA刀片座
SA Insert Holder



ESP刀片座
ESP Insert Holder



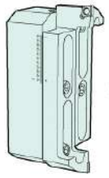
RS201 刀片座墊片
RS201 Height Setting Shim



RB 刀片座
RB Insert Holder

P26

P38





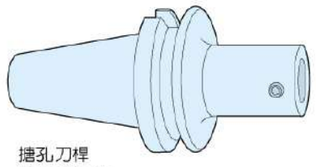
Ø150以上WBST四方柄大徑搪刀
Square Shank Large Hole Boring Head Fitted with WBST Tool Rest

ø200以上RBH可調式大徑雙刃粗搪刀
RBH Indexable Rough Boring Head



PROFESSIONAL TOOLS

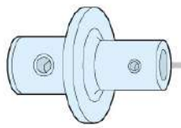
CBM搪刀系列
CBM Boring Head System



搪孔刀桿
Taper Shank

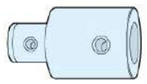
P54,55

P52



異徑搪刀延長桿
Extension (Reducing)

P52



等徑搪刀延長桿
Extension (Constant Diameter)

P11



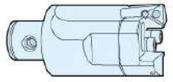
CBM精密微調精搪刀
CBM Adjustment Boring Head

P17



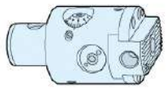
RBM可調式單刃粗搪刀
Indexable RBM Single-Bit Rough Boring Head

P23



RBH-LA可調式雙刃粗搪刀系列
Indexable Rough Boring Head New Style RBH-LA

P11

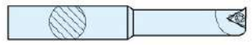


CBM55, CBM68精密微調精搪頭
CBM55, CBM68 Micro Adjustment Boring Head



BORING CUTTER SYSTEM

P47



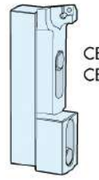
小徑搪刀桿
Small Diameter Boring Bar

P47



C16-BRM 轉接桿+SP 刀片座
C16-BRM Transfer Bar+SP Insert Holder

P47



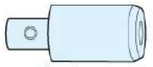
CB150 轉接板組件
CB150 Adapter Plate

P37



RM150 外圓組件
RM150 External Boring

P47



C16-BRC 小徑搪刀延長桿
Small Diameter Extension Bar of C16-BRC

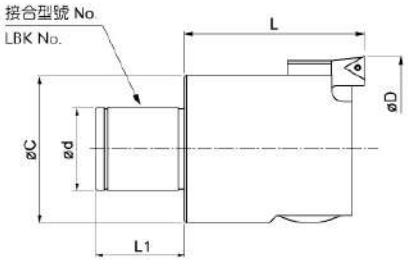
SBJ 超小徑碳化鎢搪孔刀
Small Diameter Tungsten Carbide Bar of Type SBJ

CBH FINISH BORING HEAD - Boring Range from Ø20 - Ø202mm
CBH 微調精搪刀系列

Feature

- CBH fine boring head is suitable for finish boring ranges from Ø20 mm to Ø202 mm.
- The dial has 50 divisions, representing 0.010 mm/diameter. The sub-dial makes it possible for finer adjustment.
- High-precision internal lead screw with inner lubrication is free from the effects of chips, corrosion, and rust, ensuring high precision and durability.
- Internal coolant hole directs coolant to the cutting edge to evacuate chips, reduce cycle time, and cools cutting edge to increase tool life.
- The cartridge assembly is in a box structure, supported with double faces. This leads to superior rigidity and stability during cutting.
- The insert holders for CBH32 and larger models are replaceable. Easy to maintain and repair. It also allows reverse boring applications.





- CBH精搪刀適用於精切削搪孔，工作範圍Ø20~Ø202mm均可搭配選用。
- 調整刻度為圓周50等分，每格調整尺寸為直徑0.01mm，另有副尺可作更精細之調整。
- 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。
- 內藏式水孔，刀尖直接冷卻，刀片壽命長。
- 調整伸縮部為方型結構，雙支撐面固定，所以切削穩固且剛性大。
- CBH32以上刀片座為可更換式，方便維修，並可作為反向搪孔使用。

搪頭型號 Boring Head Type	接合型號 LBK No.	øC mm	ød mm	L1 mm	搪孔範圍 øD mm Boring Range	搪頭長度 mm Length	刀片規格/螺絲/刀片扳手 Insert/Clamping Screw/Wrench	重量 kg Weight
CBH20	LBK1	19	11	13	20-26	35	TB06/Ø2.7×M2/T6 TP08/Ø3.2×M2/T6 TC09/Ø3.2×M2/T6	0.1
CBH25	LBK2	24	14	16	25-33	40		0.2
CBH32	LBK3	31	18	20	32-42	40	TB06/Ø2.7×M2/T6 TP09/M2.5/T8 TP08/Ø3.2×M2/T6 TC11/M2.5/T8 TC09/Ø3.2×M2/T6 CC06/M2.5/T8	0.3
CBH40	LBK4	39	22	24	40-55	50		0.5
CBH52	LBK5	50	28	30	52-75	60		1.0
CBH68	LBK6	64	36	40	68-102	70	TP08/Ø3.2×M2/T6 TP09/M2.5/T8 TC11/M2.5/T8 TP11/M3/T9 CC09/M4/T15	2.0
CBH100	LBK6	90	36	40	100-152	70		2.9
CBH150	LBK6	140	36	40	150-202	70		4.2
CBH100A	LBK7	90	58	50	100-152	70		3.8
CBH150A	LBK7	140	58	50	150-202	70		5.1

※CBH32以上刀片座為可更換式刀片座。 ※CBH32 and above items are replaceable insert holders.

RBT-LBK刀柄+CBH微調精搪刀
RBT-LBK Holder + CBH Fine Boring Head



HSK-LBK刀柄+CBH微調精搪刀
HSK-LBK Holder + CBH Fine Boring Head



RBT-LBK+CBH



Fig.1

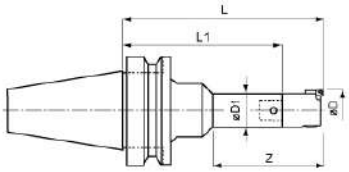
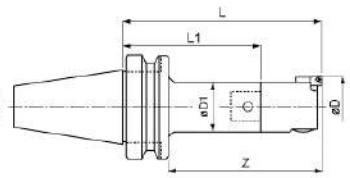


Fig.2



規格Specifications:

型號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
				RBT-LBK刀桿 RBT-LBK holder	CBH刀頭 CBH boring head					
RBT30-CBH20-105	2	20-26	75	RBT30-LBK1-70	CBH20	1	105	70	19	0.60
RBT30-CBH25-120		25-33	90	RBT30-LBK2-80	CBH25	2	120	80	24	0.80
RBT30-CBH32-120		32-42		RBT30-LBK3-80	CBH32	3			31	1.00
RBT30-CBH40-120		40-55		RBT30-LBK4-70	CBH40	4		70	39	1.30
RBT30-CBH52-120		52-75		RBT30-LBK5-60	CBH52	5		60	50	1.80
RBT30-CBH68-130		68-102	100	RBT30-LBK6-60	CBH68	6	130		64	3.00
RBT40-CBH20-110	2	20-26	75	RBT40-LBK1-75	CBH20	1	110	75	19	1.10
RBT40-CBH20-125			90	RBT40-LBK1-90			125	90		1.20
RBT40-CBH20-140			105	RBT40-LBK1-105			140	105		1.30
RBT40-CBH25-125		25-33	90	RBT40-LBK2-85	CBH25	2	125	85	24	1.30
RBT40-CBH25-140			105	RBT40-LBK2-100			140	100		1.40
RBT40-CBH25-155			120	RBT40-LBK2-115			155	115		1.60
RBT40-CBH32-135		32-42	100	RBT40-LBK3-95	CBH32	3	135	95	31	1.50
RBT40-CBH32-165			130	RBT40-LBK3-125			165	125		1.80
RBT40-CBH32-195			160	RBT40-LBK3-155			195	155		2.00
RBT40-CBH40-135		40-55	100	RBT40-LBK4-85	CBH40	4	135	85	39	1.80
RBT40-CBH40-180			145	RBT40-LBK4-130			180	130		2.40
RBT40-CBH40-225			190	RBT40-LBK4-175			225	175		2.70
RBT40-CBH52-135		52-75	100	RBT40-LBK5-75	CBH52	5	135	75	50	2.30
RBT40-CBH52-185			150	RBT40-LBK5-125			185	125		3.30
RBT40-CBH52-235			200	RBT40-LBK5-175			235	175		4.00
RBT40-CBH68-135		68-102	100	RBT40-LBK6-65	CBH68	6	135	65	64	3.30
RBT40-CBH68-185			150	RBT40-LBK6-115			185	115		4.70
RBT40-CBH68-235			200	RBT40-LBK6-165			235	165		5.90
RBT40-CBH100-135		100-152	100	RBT40-LBK6-65	CBH100		135	65		4.20
RBT40-CBH100-185			150	RBT40-LBK6-115			185	115		5.60
RBT40-CBH100-235			200	RBT40-LBK6-165			235	165		6.80
RBT40-CBH150-135		150-202	100	RBT40-LBK6-65	CBH150		135	65		5.50
RBT40-CBH150-185			150	RBT40-LBK6-115			185	115		6.90
RBT40-CBH150-235			200	RBT40-LBK6-165			235	165		8.10
RBT50-CBH20-150	1	20-26	75	RBT50-LBK1-115	CBH20	1	150	115	31/19	4.10
RBT50-CBH20-180			105	RBT50-LBK1-145			180	145		4.20
RBT50-CBH25-165		25-33	105	RBT50-LBK2-125	CBH25	2	165	125	39/24	4.10
RBT50-CBH25-195			135	RBT50-LBK2-155			195	155		4.20
RBT50-CBH32-165	2	32-42	120	RBT50-LBK3-125	CBH32	3	165	125	31	4.40
RBT50-CBH32-195			150	RBT50-LBK3-155			195	155		4.50
RBT50-CBH40-165		40-55	120	RBT50-LBK4-115	CBH40	4	165	115	39	4.80
RBT50-CBH40-195			150	RBT50-LBK4-145			195	145		4.90
RBT50-CBH40-225			180	RBT50-LBK4-175			225	175		5.30
RBT50-CBH52-165		52-75	120	RBT50-LBK5-105	CBH52	5	165	105	50	5.50
RBT50-CBH52-200			155	RBT50-LBK5-140			200	140		6.00
RBT50-CBH52-240			195	RBT50-LBK5-180			240	180		6.50
RBT50-CBH52-300			255	RBT50-LBK5-240			300	240		7.20
RBT50-CBH68-145		68-102	100	RBT50-LBK6-75	CBH68	6	145	75	64	6.10
RBT50-CBH68-195			150	RBT50-LBK6-125			195	125		7.20
RBT50-CBH68-240			195	RBT50-LBK6-170			240	170		8.30
RBT50-CBH68-300			255	RBT50-LBK6-230			300	230		9.60
RBT50-CBH68-360			315	RBT50-LBK6-290			360	290		11.00
RBT50-CBH100A-170		100-152	130	RBT50-LBK7-100	CBH100A	7	170	100	88	8.60
RBT50-CBH100A-220			180	RBT50-LBK7-150			220	150		10.30
RBT50-CBH100A-270			230	RBT50-LBK7-200			270	200		11.80
RBT50-CBH100A-320			280	RBT50-LBK7-250			320	250		12.80
RBT50-CBH100A-370			330	RBT50-LBK7-300			370	300		13.80
RBT50-CBH100A-420			380	RBT50-LBK7-350			420	350		15.00
RBT50-CBH100A-470			430	RBT50-LBK7-400			470	400		16.10
RBT50-CBH100A-520			480	RBT50-LBK7-450			520	450		18.30
RBT50-CBH100A-570			530	RBT50-LBK7-500			570	500		19.50
RBT50-CBH150A-170		150-202	130	RBT50-LBK7-100	CBH150A		170	100		9.90
RBT50-CBH150A-220			180	RBT50-LBK7-150			220	150		11.60
RBT50-CBH150A-270			230	RBT50-LBK7-200			270	200		13.10
RBT50-CBH150A-320			280	RBT50-LBK7-250			320	250		14.10
RBT50-CBH150A-370			330	RBT50-LBK7-300			370	300		15.10
RBT50-CBH150A-420			380	RBT50-LBK7-350			420	350		16.30
RBT50-CBH150A-470			430	RBT50-LBK7-400			470	400		17.40
RBT50-CBH150A-520			480	RBT50-LBK7-450			520	450		19.60
RBT50-CBH150A-570			530	RBT50-LBK7-500			570	500		20.80

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工，或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

HSK-LBK+CBH



Fig.1

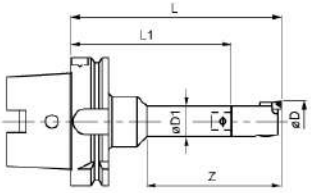
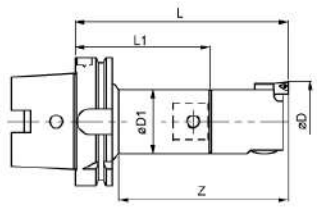


Fig.2



規格Specifications:

型號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
				HSK-LBK刀桿 HSK-LBK holder	CBH刀頭 CBH boring head					
HSK-A63-CBH20-110	2	20-26	75	HSK-A63-LBK1-75	CBH20	1	110	75	19	0.92
HSK-A63-CBH20-125			90	HSK-A63-LBK1-90			125	90		0.95
HSK-A63-CBH20-140			105	HSK-A63-LBK1-105			140	105		0.98
HSK-A63-CBH25-125		25-33	90	HSK-A63-LBK2-85	CBH25	2	125	85	24	1.11
HSK-A63-CBH25-140			105	HSK-A63-LBK2-100			140	100		1.16
HSK-A63-CBH25-155			120	HSK-A63-LBK2-115			155	115		1.21
HSK-A63-CBH32-135		32-42	100	HSK-A63-LBK3-95	CBH32	3	135	95	31	1.36
HSK-A63-CBH32-165			130	HSK-A63-LBK3-125			165	125		1.51
HSK-A63-CBH32-195			160	HSK-A63-LBK3-155			195	155		1.66
HSK-A63-CBH40-135		40-55	100	HSK-A63-LBK4-85	CBH40	4	135	85	39	1.70
HSK-A63-CBH40-180			145	HSK-A63-LBK4-130			180	130		2.05
HSK-A63-CBH40-225			190	HSK-A63-LBK4-175			225	175		2.39
HSK-A63-CBH52-135		52-75	105	HSK-A63-LBK5-75	CBH52	5	135	75	50	2.31
HSK-A63-CBH52-185			155	HSK-A63-LBK5-125			185	125		2.97
HSK-A63-CBH52-235			205	HSK-A63-LBK5-175			235	175		3.60
HSK-A63-CBH68-140		68-102	110	HSK-A63-LBK6-70	CBH68	6	140	70	64	3.35
HSK-A63-CBH68-185			155	HSK-A63-LBK6-115			185	115		4.30
HSK-A63-CBH68-235			205	HSK-A63-LBK6-165			235	165		5.44
HSK-A63-CBH100-140		100-152	110	HSK-A63-LBK6-70	CBH100		140	70		4.25
HSK-A63-CBH100-185			155	HSK-A63-LBK6-115			185	115		5.20
HSK-A63-CBH100-235			205	HSK-A63-LBK6-165			235	165		6.34
HSK-A63-CBH150-140		150-202	110	HSK-A63-LBK6-70	CBH150		140	70		5.55
HSK-A63-CBH150-185			155	HSK-A63-LBK6-115			185	115		6.50
HSK-A63-CBH150-235			205	HSK-A63-LBK6-165			235	165		7.64
HSK-A100-CBH20-150	1	20-26	75	HSK-A100-LBK1-115	CBH20	1	150	115	31/19	2.40
HSK-A100-CBH20-180			105	HSK-A100-LBK1-145			180	145		2.45
HSK-A100-CBH25-165		25-33	105	HSK-A100-LBK2-125	CBH25	2	165	125	39/24	2.63
HSK-A100-CBH25-195			135	HSK-A100-LBK2-155			195	155		2.72
HSK-A100-CBH32-165		32-42	120	HSK-A100-LBK3-125	CBH32	3	165	125	45/31	2.83
HSK-A100-CBH32-195			150	HSK-A100-LBK3-155			195	155		2.98
HSK-A100-CBH40-165	2	40-55	130	HSK-A100-LBK4-115	CBH40	4	165	115	39	3.17
HSK-A100-CBH40-195			160	HSK-A100-LBK4-145			195	145		3.36
HSK-A100-CBH40-225			190	HSK-A100-LBK4-175			225	175		3.60
HSK-A100-CBH52-165		52-75	130	HSK-A100-LBK5-105	CBH52	5	165	105	50	3.97
HSK-A100-CBH52-200			165	HSK-A100-LBK5-140			200	140		4.47
HSK-A100-CBH52-240			205	HSK-A100-LBK5-180			240	180		4.89
HSK-A100-CBH52-300			265	HSK-A100-LBK5-240			300	240		5.66
HSK-A100-CBH68-145		68-102	110	HSK-A100-LBK6-75	CBH68	6	145	75	64	4.80
HSK-A100-CBH68-195			160	HSK-A100-LBK6-125			195	125		6.02
HSK-A100-CBH68-240			205	HSK-A100-LBK6-170			240	170		6.78
HSK-A100-CBH68-300			265	HSK-A100-LBK6-230			300	230		7.90
HSK-A100-CBH68-360			325	HSK-A100-LBK6-290			360	290		9.08
HSK-A100-CBH100A-170		100-152	135	HSK-A100-LBK7-100	CBH100A	7	170	100	88	8.00
HSK-A100-CBH100A-220			185	HSK-A100-LBK7-150			220	150		9.85
HSK-A100-CBH100A-270			235	HSK-A100-LBK7-200			270	200		11.84
HSK-A100-CBH100A-320			285	HSK-A100-LBK7-250			320	250		13.60
HSK-A100-CBH100A-370			335	HSK-A100-LBK7-300			370	300		15.20
HSK-A100-CBH100A-420			385	HSK-A100-LBK7-350			420	350		16.74
HSK-A100-CBH100A-470			435	HSK-A100-LBK7-400			470	400		18.40
HSK-A100-CBH100A-520			485	HSK-A100-LBK7-450			520	450		19.98
HSK-A100-CBH100A-570			535	HSK-A100-LBK7-500			570	500		21.50
HSK-A100-CBH150A-170		150-202	135	HSK-A100-LBK7-100	CBH150A		170	100		9.30
HSK-A100-CBH150A-220			185	HSK-A100-LBK7-150			220	150		11.15
HSK-A100-CBH150A-270			235	HSK-A100-LBK7-200			270	200		13.14
HSK-A100-CBH150A-320			285	HSK-A100-LBK7-250			320	250		14.90
HSK-A100-CBH150A-370			335	HSK-A100-LBK7-300			370	300		16.50
HSK-A100-CBH150A-420			385	HSK-A100-LBK7-350			420	350		18.04
HSK-A100-CBH150A-470			435	HSK-A100-LBK7-400			470	400		19.70
HSK-A100-CBH150A-520			485	HSK-A100-LBK7-450			520	450		21.28
HSK-A100-CBH150A-570			535	HSK-A100-LBK7-500			570	500		22.80

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

MBH FINISH BORING HEAD - Boring Range from Ø16 - Ø200mm
MBH 微調精搪刀系列

Feature

- MBH fine boring head is suitable for finish boring ranges from Ø16 mm to Ø200 mm.
- With micrometric adjusting, increment 0.01 mm on the diameter.
- Hardened lead screw and nut ensure high durability.
- Internal coolant hole directs coolant to the cutting edge to evacuate chips, reduce cycle time, and cools cutting edge to increase tool life.
- The cartridge is supported with double faces, minimizing vibration while increasing tool life and surface finishes.



- MBH精搪刀適用於精切削搪孔，工作範圍Ø16~Ø200mm均可搭配選用。
- 調整刻度每格調整尺寸為直徑0.01mm。
- 精密導程螺絲與螺帽均經硬化處理，堅固耐用。
- 內藏式水孔，易於排屑與冷卻。
- 刀片座為兩面固定無振動產生，可增加刀片壽命與加工面光滑度。

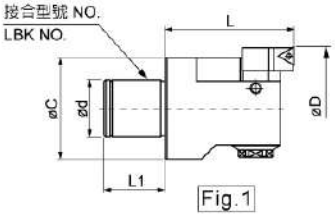


Fig.1

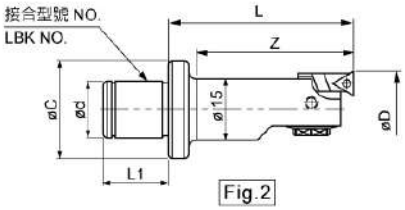


Fig.2

搪頭型號 Boring Head Type	樣式 Fig	接合型號 LBK No.	øC mm	ød mm	L1 mm	搪孔範圍 ØDmm Boring Range		搪頭長度 L Length mm	有效長 Z mm	刀片規格 / 螺絲/刀片扳手 Insert/Clamping Screw/Wrench	重量 kg Weight
MBH16A	2	LBK2	24	14	16	16-20		55	50	WCGT02 / Ø2.7xM2 / T6	0.09
MBH20	1	LBK1	19	11	13	20-26		35	35		0.07
MBH25	1	LBK2	24	14	16	25-32		40	40		0.12
MBH32	1	LBK3	31	18	20	32-42		40	40	TP09/M2.5/T8 ; TC09/Ø3.2xM2/T6 ; CC06/M2.5/T8	0.23
MBH40	1	LBK4	39	22	24	40-55		50	50	TP11/M3/T9 ; TC11/M2.5/T8 ; CC06/M2.5/T8	0.43
MBH52	1	LBK5	50	28	30	52-70		60	60		0.90
MBH68	1	LBK6	64	36	40	A	68-88	75	75	TP11 / M3 / T9; TC11 / M2.5 / T8 CC09 / M4 / T15	1.86
						B	85-105				
MBH100A	1	LBK7	90	58	50	A	100-140	105	105	TP11 / M3 / T9 TC11 / M2.5 / T8 CC12 / M5 / T20	4.08
						B	120-160				
MBH140A	1	LBK7	130	58	50	A	140-180	105	105		5.45
						B	160-200				

※MBH68, MBH100, MBH140各有A,B兩款刀片座，由使用者自行更換，以達到最大搪孔範圍。
※Each of MBH68, MBH100 or MBH140 is with both A and B insert-holders for exchange on demand to obtain the maximum boring range.

RBT-LBK刀柄+MBH微調精搪刀
RBT-LBK Holder+MBH Fine Boring Head



HSK-LBK刀柄+MBH微調精搪刀
HSK-LBK Holder+MBH Fine Boring Head





RBT-LBK+MBH

Fig.1

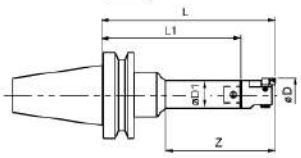


Fig.2

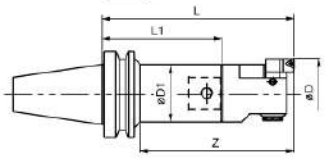
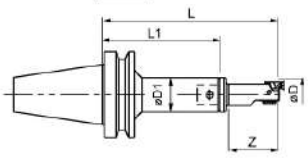


Fig.3



規 格Specifications:

型 號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
				RBT-LBK刀桿 RBT-LBK holder	MBH刀頭 MBH boring head					
RBT30-MBH16-135	3	16-20	50	RBT30-LBK2-80	MBH16	2	135	80	24	0.69
RBT30-MBH20-105	2	20-26	75	RBT30-LBK1-70	MBH20	1	105	70	19	0.57
RBT30-MBH25-120		25-32	90	RBT30-LBK2-80	MBH25	2	120	80	24	0.72
RBT30-MBH32-120		32-42		RBT30-LBK3-80	MBH32	3			31	0.93
RBT30-MBH40-120		40-55		RBT30-LBK4-70	MBH40	4		70	39	1.23
RBT30-MBH52-120		52-70		RBT30-LBK5-60	MBH52	5		60	50	1.70
RBT30-MBH68-135		68-105	105	RBT30-LBK6-60	MBH68	6	135		64	2.86
RBT40-MBH16-140	3	16-20	50	RBT40-LBK2-85	MBH16	2	140	85	24	1.19
RBT40-MBH20-110	2	20-26	75	RBT40-LBK1-75	MBH20	1	110	75	19	1.07
RBT40-MBH20-125			90	RBT40-LBK1-90			125	90		1.20
RBT40-MBH20-140			105	RBT40-LBK1-105			140	105		1.27
RBT40-MBH25-125		25-32	90	RBT40-LBK2-85	MBH25	2	125	85	24	1.22
RBT40-MBH25-140			105	RBT40-LBK2-100			140	100		1.40
RBT40-MBH25-155			120	RBT40-LBK2-115			155	115		1.52
RBT40-MBH32-135		32-42	100	RBT40-LBK3-95	MBH32	3	135	95	31	1.43
RBT40-MBH32-165			130	RBT40-LBK3-125			165	125		1.73
RBT40-MBH32-195			160	RBT40-LBK3-155			195	155		1.93
RBT40-MBH40-135		40-55	100	RBT40-LBK4-85	MBH40	4	135	85	39	1.73
RBT40-MBH40-180			145	RBT40-LBK4-130			180	130		2.33
RBT40-MBH40-225			190	RBT40-LBK4-175			225	175		2.63
RBT40-MBH52-135		52-70	100	RBT40-LBK5-75	MBH52	5	135	75	50	2.20
RBT40-MBH52-185			150	RBT40-LBK5-125			185	125		3.20
RBT40-MBH52-235			200	RBT40-LBK5-175			235	175		3.90
RBT40-MBH68-140		68-105	105	RBT40-LBK6-65	MBH68	6	140	65	64	3.16
RBT40-MBH68-190			155	RBT40-LBK6-115			190	115		4.56
RBT40-MBH68-240			205	RBT40-LBK6-165			240	165		5.76
RBT40-MBH100A-205		100-160	170	RBT40-LBK7-100	MBH100A	7	205	100	88	6.98
RBT40-MBH140A-205		140-200	170		MBH140A					8.35
RBT50-MBH16-180	3	16-20	50	RBT50-LBK2-125	MBH16	2	180	125	24	3.99
RBT50-MBH20-150	1	20-26	75	RBT50-LBK1-115	MBH20	1	150	115	31/19	4.07
RBT50-MBH20-180			105	RBT50-LBK1-145			180	145		4.17
RBT50-MBH25-165		25-32	105	RBT50-LBK2-125	MBH25	2	165	125	39/24	4.02
RBT50-MBH25-195			135	RBT50-LBK2-155			195	155		4.12
RBT50-MBH32-165	2	32-42	120	RBT50-LBK3-125	MBH32	3	165	125	31	4.33
RBT50-MBH32-195			150	RBT50-LBK3-155			195	155		4.43
RBT50-MBH40-165		40-55	120	RBT50-LBK4-115	MBH40	4	165	115	39	4.73
RBT50-MBH40-195			150	RBT50-LBK4-145			195	145		4.83
RBT50-MBH40-225			180	RBT50-LBK4-175			225	175		5.23
RBT50-MBH52-165		52-70	120	RBT50-LBK5-105	MBH52	5	165	105	50	5.40
RBT50-MBH52-200			155	RBT50-LBK5-140			200	140		5.90
RBT50-MBH52-240			195	RBT50-LBK5-180			240	180		6.40
RBT50-MBH52-300			255	RBT50-LBK5-240			300	240		7.10
RBT50-MBH68-150		68-105	105	RBT50-LBK6-75	MBH68	6	150	75	64	5.55
RBT50-MBH68-200			155	RBT50-LBK6-125			200	125		6.85
RBT50-MBH68-245			200	RBT50-LBK6-170			245	170		8.16
RBT50-MBH68-305			260	RBT50-LBK6-230			305	230		9.46
RBT50-MBH68-365			320	RBT50-LBK6-290			365	290		10.86
RBT50-MBH100A-205		100-160	160	RBT50-LBK7-100	MBH100A	7	205	100	88	8.88
RBT50-MBH100A-255			210	RBT50-LBK7-150			255	150		10.58
RBT50-MBH100A-305			260	RBT50-LBK7-200			305	200		12.08
RBT50-MBH100A-355			310	RBT50-LBK7-250			355	250		13.08
RBT50-MBH100A-405			360	RBT50-LBK7-300			405	300		14.08
RBT50-MBH100A-455			410	RBT50-LBK7-350			455	350		15.28
RBT50-MBH100A-505			460	RBT50-LBK7-400			505	400		16.38
RBT50-MBH100A-555			510	RBT50-LBK7-450			555	450		18.58
RBT50-MBH100A-605			560	RBT50-LBK7-500			605	500		19.78
RBT50-MBH140A-205		140-200	160	RBT50-LBK7-100	MBH140A		205	100		10.25
RBT50-MBH140A-255			210	RBT50-LBK7-150			255	150		11.95
RBT50-MBH140A-305			260	RBT50-LBK7-200			305	200		13.45
RBT50-MBH140A-355			310	RBT50-LBK7-250			355	250		14.45
RBT50-MBH140A-405			360	RBT50-LBK7-300			405	300		15.45
RBT50-MBH140A-455			410	RBT50-LBK7-350			455	350		16.65
RBT50-MBH140A-505			460	RBT50-LBK7-400			505	400		17.75
RBT50-MBH140A-555			510	RBT50-LBK7-450			555	450		19.95
RBT50-MBH140A-605			560	RBT50-LBK7-500			605	500		21.15

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.



HSK-LBK+MBH

Fig.1

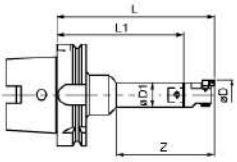


Fig.2

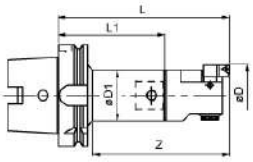
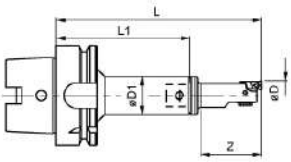


Fig.3



規格Specifications:

型號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
				HSK-LBK刀桿 HSK-LBK holder	RBH刀頭 RBH boring head					
HSK-A63-MBH16-140	3	16-20	50	HSK-A63-LBK2-85	MBH16	2	140	85	24	1.00
HSK-A63-MBH20-110	2	20-26	75	HSK-A63-LBK1-75	MBH20	1	110	75	19	0.89
HSK-A63-MBH20-125			90	HSK-A63-LBK1-90			125	90		0.92
HSK-A63-MBH20-140			105	HSK-A63-LBK1-105			140	105		0.95
HSK-A63-MBH25-125		25-32	90	HSK-A63-LBK2-85	MBH25	2	125	85	24	1.03
HSK-A63-MBH25-140			105	HSK-A63-LBK2-100			140	100		1.08
HSK-A63-MBH25-155			120	HSK-A63-LBK2-115			155	115		1.13
HSK-A63-MBH32-135		32-42	100	HSK-A63-LBK3-95	MBH32	3	135	95	31	1.29
HSK-A63-MBH32-165			130	HSK-A63-LBK3-125			165	125		1.44
HSK-A63-MBH32-195			160	HSK-A63-LBK3-155			195	155		1.59
HSK-A63-MBH40-135		40-55	100	HSK-A63-LBK4-85	MBH40	4	135	85	39	1.63
HSK-A63-MBH40-180			145	HSK-A63-LBK4-130			180	130		1.98
HSK-A63-MBH40-225			190	HSK-A63-LBK4-175			225	175		2.32
HSK-A63-MBH52-135		52-70	105	HSK-A63-LBK5-75	MBH52	5	135	75	50	2.21
HSK-A63-MBH52-185			155	HSK-A63-LBK5-125			185	125		2.87
HSK-A63-MBH52-235			205	HSK-A63-LBK5-175			235	175		3.50
HSK-A63-MBH68-145		68-105	115	HSK-A63-LBK6-70	MBH68	6	145	70	64	3.21
HSK-A63-MBH68-190			160	HSK-A63-LBK6-115			190	115		4.16
HSK-A63-MBH68-240			210	HSK-A63-LBK6-165			240	165		5.30
HSK-A63-MBH100A-210		100-160	175	HSK-A63-LBK7-105	MBH100A	7	210	105	88	6.96
HSK-A63-MBH140A-210		140-200	175		MBH140A					8.33
HSK-A100-MBH16-180	3	16-20	50	HSK-A100-LBK2-125	MBH16	2	180	125	24	2.52
HSK-A100-MBH20-150	1	20-26	75	HSK-A100-LBK1-115	MBH20	1	150	115	31/19	2.37
HSK-A100-MBH20-180			105	HSK-A100-LBK1-145			180	145		2.42
HSK-A100-MBH25-165		25-32	105	HSK-A100-LBK2-125	MBH25	2	165	125	39/24	2.55
HSK-A100-MBH25-195			135	HSK-A100-LBK2-155			195	155		2.64
HSK-A100-MBH32-165		32-42	120	HSK-A100-LBK3-125	MBH32	3	165	125	45/31	2.76
HSK-A100-MBH32-195			150	HSK-A100-LBK3-155			195	155		2.91
HSK-A100-MBH40-165	2	40-55	130	HSK-A100-LBK4-115	MBH40	4	165	115	39	3.10
HSK-A100-MBH40-195			160	HSK-A100-LBK4-145			195	145		3.29
HSK-A100-MBH40-225			190	HSK-A100-LBK4-175			225	175		3.53
HSK-A100-MBH52-165		52-70	130	HSK-A100-LBK5-105	MBH52	5	165	105	50	3.87
HSK-A100-MBH52-200			165	HSK-A100-LBK5-140			200	140		4.37
HSK-A100-MBH52-240			205	HSK-A100-LBK5-180			240	180		4.79
HSK-A100-MBH52-300			265	HSK-A100-LBK5-240			300	240		5.56
HSK-A100-MBH68-150		68-105	115	HSK-A100-LBK6-75	MBH68	6	150	75	64	4.66
HSK-A100-MBH68-200			165	HSK-A100-LBK6-125			200	125		5.88
HSK-A100-MBH68-245			210	HSK-A100-LBK6-170			245	170		6.64
HSK-A100-MBH68-305			270	HSK-A100-LBK6-230			305	230		7.76
HSK-A100-MBH68-365			330	HSK-A100-LBK6-290			365	290		8.94
HSK-A100-MBH100A-205		100-160	170	HSK-A100-LBK7-100	MBH100A	7	205	100	88	8.28
HSK-A100-MBH100A-255			220	HSK-A100-LBK7-150			255	150		10.13
HSK-A100-MBH100A-305			270	HSK-A100-LBK7-200			305	200		12.12
HSK-A100-MBH100A-355			320	HSK-A100-LBK7-250			355	250		13.88
HSK-A100-MBH100A-405			370	HSK-A100-LBK7-300			405	300		15.48
HSK-A100-MBH100A-455			420	HSK-A100-LBK7-350			455	350		17.02
HSK-A100-MBH100A-505			470	HSK-A100-LBK7-400			505	400		18.68
HSK-A100-MBH100A-555			520	HSK-A100-LBK7-450			555	450		20.26
HSK-A100-MBH100A-605			570	HSK-A100-LBK7-500			605	500		21.78
HSK-A100-MBH140A-205		140-200	170	HSK-A100-LBK7-100	MBH140A		205	100		9.65
HSK-A100-MBH140A-255			220	HSK-A100-LBK7-150			255	150		11.50
HSK-A100-MBH140A-305			270	HSK-A100-LBK7-200			305	200		13.49
HSK-A100-MBH140A-355			320	HSK-A100-LBK7-250			355	250		15.25
HSK-A100-MBH140A-405			370	HSK-A100-LBK7-300			405	300		16.85
HSK-A100-MBH140A-455			420	HSK-A100-LBK7-350			455	350		18.39
HSK-A100-MBH140A-505			470	HSK-A100-LBK7-400			505	400		20.05
HSK-A100-MBH140A-555			520	HSK-A100-LBK7-450			555	450		21.63
HSK-A100-MBH140A-605			570	HSK-A100-LBK7-500			605	500		23.15

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

CBM MICRO ADJUSTMENT BORING HEAD AND INSERT HOLDER

- Boring Range from Ø18 - Ø204mm, Reverse Boring Range from Ø20 - Ø214mm

CBM精密微調精搪頭與刀片座

- 正搪孔範圍Ø18 - Ø204mm, 反搪孔範圍Ø20 - Ø214mm

Feature

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

- CBM精密微調精搪刀適用於精切削搪孔。
- 調整刻度每格調整尺寸為直徑0.002mm。
- 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。
- 內藏式水孔，刀尖直接冷卻，刀片壽命長。
- 刀片座由齒形結合結構固定，切削穩定，加工範圍廣泛。
- 更換刀片座即可進行正向或反向搪孔加工。



CBM55-SP55



CBM55-SA55



CBM100-SP100



CBM68-CB150-RCM100-SP100

正搪搪刀 Forward Boring

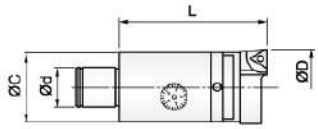


Fig.1

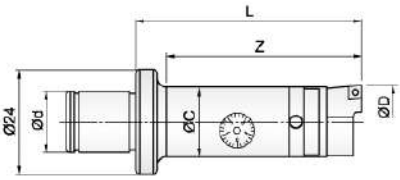


Fig.2

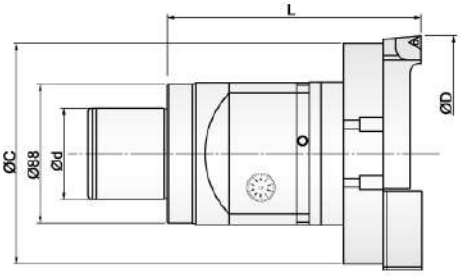
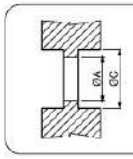


Fig.3

反搪搪刀 Reverse Boring



反搪最小刀具通過孔徑 $ØA > \frac{ØD+ØC}{2} + 1$

ØD=加工直徑　ØC=搪刀柄徑

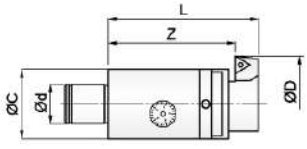


Fig.1

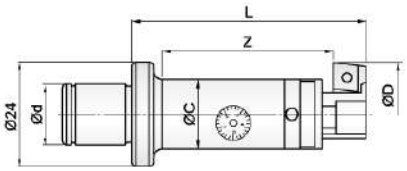


Fig.2

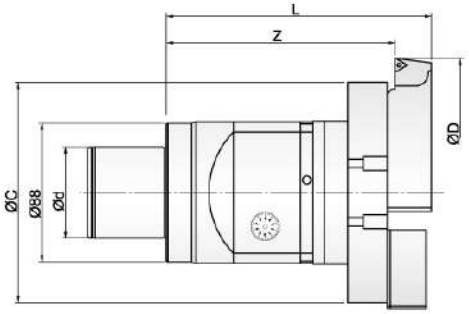


Fig.3

搪頭型號 Boring Head No.	樣式 Fig	接合型號 LBK No.	ØC	Ød	正搪 Forward Boring 刀片座 Cutting Insert Holder	搪孔範圍 Boring Ranges	搪頭長度 L Length	反搪 Reverse Boring 刀片座 Cutting Insert Holder	搪孔範圍 Boring Ranges	搪頭長度 L Length	有效長 Z Length	刀片規格/螺絲/扳手 Insert/Clamp Screw/ Wrench	重量 kg Weight
CBM18A	2	LBK2	16	14	SP18	18-23	60/Z50	SA18	20-25	60	40		0.10
CBM18B	2	LBK2	16	14	SP18	18-23	85/Z75	SA18	20-25	85	65	CC06 / M2.5 / T8	0.14
CBM18-M10	1	M10	16	M10	SP18	18-23	55	SA18	20-25	55	45		0.06
CBM22	1	LBK1	20	11	SP22	22-29	40	SA22	24-32	40	30		0.09
CBM27	1	LBK2	25	14	SP27	27-40	50	SA27	31-41	50	40	CC06 / M2.5 / T8 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
CBM55	1	LBK5	50	28	SP68	68-104	95	SA68	78-115	95	70		1.11
CBM55	1	LBK5	50	28	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	2.00
CBM68	1	LBK6	63	36	SP100	100-154	100	SA100	110-164	100	75	TC11 / M2.5 / T8	2.11
CBM68	3	LBK6	140	36	CB150 RCM100 SP100	150-204	125	CB150 RCM100 SA100	160-214	125	100		3.02
CBM100	1	LBK7	88	58	SP100	100-154	120	SA100	110-164	120	95		2.78
CBM100	3	LBK7	140	58	CB150 RCM100 SP100	150-204	145	CB150 RCM100 SA100	160-214	145	120		4.50

※CB150為轉接板。　※RCM100為平衡塊。　※CBM搪頭標配為正搪SP刀片座，反搪SA刀片座為選配。
※另有CB200 轉接板，加工範圍Ø200~Ø254mm。　※另有CB250 轉接板，加工範圍Ø250~Ø304mm。
※CB150: Adapter plate. ※RCM100: Balance base ※Standard parts of SP cutting insert holder for CBM boring head; option of SA reverse cutting insert holder.
※Attached with CB200 adapter plate, working range from ø200~ø254mm on diameter.
※Attached with CB250 adapter plate, working range from ø250~ø354mm on diameter.

CBM MICRO ADJUSTMENT BORING HEAD+RBT-LBK HOLDER
CBM精密微調正搪孔刀+RBT- LBK刀柄

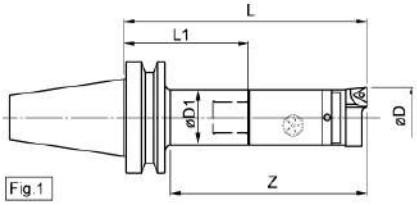


Fig.1

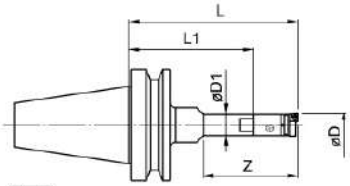


Fig.2

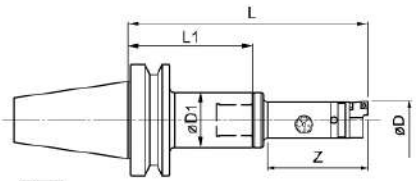


Fig.3



組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD (mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
CBM18A-SP18	RBT30-LBK2-80	3	18-23	50	140	80	24	0.70
CBM18B-SP18				75	165			0.74
CBM22-SP22	RBT30-LBK1-70	1	22-29	80	110	70	19	0.59
CBM27-SP27	RBT30-LBK2-80		27-40	100	130	80	24	0.77
CBM35-SP35	RBT30-LBK3-80		35-50	115	145		31	1.06
CBM45-SP45	RBT30-LBK4-70		45-65	120	150	70	39	1.51
CBM55-SP55	RBT30-LBK5-60		55-80	115	145	60	50	1.84
CBM68-SP68	RBT30-LBK6-60		68-104	130	160		64	3.00
CBM18A-SP18	RBT40-LBK2-85	3	18-23	50	145	85	24	1.20
CBM18B-SP18				75	170			1.24
CBM22-SP22	RBT40-LBK1-75	1	22-29	80	115	75	19	1.09
	RBT40-LBK1-90			95	130	90		1.26
CBM27-SP27	RBT40-LBK2-85		27-40	100	135	85	24	1.27
	RBT40-LBK2-100			115	150	100		1.32
CBM35-SP35	RBT40-LBK3-95		35-50	125	160	95	31	1.56
	RBT40-LBK3-125			155	190	125		1.86
CBM45-SP45	RBT40-LBK4-85		45-65	130	165	85	39	2.01
	RBT40-LBK4-130			175	210	130		2.61
CBM55-SP55	RBT40-LBK5-75		55-80	125	160	75	50	2.34
	RBT40-LBK5-125			175	210	125		3.34
CBM55-SP68	RBT40-LBK5-75		68-104	135	170	75		2.41
	RBT40-LBK5-125			185	220	125		3.41
CBM55-SP100	RBT40-LBK5-75		100-154	135	170	75		2.52
	RBT40-LBK5-125			185	220	125		3.52
CBM55-CB150-RCM100-SP100	RBT40-LBK5-75		150-204	160	195	75		3.43
	RBT40-LBK5-125			210	245	125		4.43
CBM68-SP68	RBT40-LBK6-65		68-104	130	165	65	64	3.30
	RBT40-LBK6-115			180	215	115		4.70
	RBT40-LBK6-165			230	265	165		5.90
CBM68-SP100	RBT40-LBK6-65		100-154	130	165	65		3.41
	RBT40-LBK6-115			180	215	115		4.81
	RBT40-LBK6-165			230	265	165		6.01
CBM68-CB150-RCM100-SP100	RBT40-LBK6-65		150-204	155	190	65		4.32
	RBT40-LBK6-115			205	240	115		5.72
	RBT40-LBK6-165			255	290	165		6.92
CBM100-SP100	RBT40-LBK7-100		100-154	185	220	100	88	7.40
CBM100-CB150-RCM100-SP100			150-204	210	245			8.40

★紅字標示為高長徑比，需使用刀尖R0.2刀片，並降低轉速與進給。 ★The red word is in high times depth boring, please use tip R0.2 insert for machineing, also reduce speed and feed.

CBM MICRO ADJUSTMENT BORING HEAD+RBT-LB K HOLDER
CBM精密微調正搪孔刀+RBT- LBK刀柄

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD (mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
CBM18A-SP18	RBT50-LBK2-125	3	18-23	50	185	125	39/24	4.00
CBM18B-SP18				75	210			4.04
CBM22-SP22	RBT50-LBK1-115	2	22-29	80	155	115	31/19	4.09
CBM27-SP27	RBT50-LBK2-125		27-40	115	175	125	39/24	4.07
CBM35-SP35	RBT50-LBK3-125	1	35-50	145	190	125	31	4.46
CBM45-SP45	RBT50-LBK4-115		45-65	150	195	115	39	5.01
	RBT50-LBK4-145			180	225	145		5.11
CBM55-SP55	RBT50-LBK5-105		55-80	145	190	105	50	5.54
	RBT50-LBK5-180			220	265	180		6.54
CBM55-SP68	RBT50-LBK5-105		68-104	155	200	105		5.61
	RBT50-LBK5-180			230	275	180		6.61
CBM55-SP100	RBT50-LBK5-105		100-154	155	200	105		5.72
	RBT50-LBK5-180			230	275	180		6.72
CBM55-CB150-RCM100-SP100	RBT50-LBK5-105		150-204	180	225	105		7.52
	RBT50-LBK5-180			255	300	180		8.52
CBM68-SP68	RBT50-LBK6-75		68-104	130	175	75	64	6.50
	RBT50-LBK6-170			225	270	170		8.30
	RBT50-LBK6-230			285	330	230		9.60
	RBT50-LBK6-290			345	390	290		11.00
CBM68-SP100	RBT50-LBK6-75	1	100-154	130	175	75	64	6.50
	RBT50-LBK6-170			225	270	170		8.30
	RBT50-LBK6-230			285	330	230		9.60
	RBT50-LBK6-290			345	390	290		11.00
CBM68-CB150-RCM100-SP100	RBT50-LBK6-75	1	150-204	155	200	75	64	9.89
	RBT50-LBK6-170			250	295	170		11.69
	RBT50-LBK6-230			310	355	230		12.99
	RBT50-LBK6-290			370	415	290		14.39
CBM100-SP100	RBT50-LBK7-100	1	100-154	175	220	100	88	9.30
	RBT50-LBK7-150			225	270	150		11.00
	RBT50-LBK7-200			275	320	200		12.50
	RBT50-LBK7-250			325	370	250		13.50
	RBT50-LBK7-300			375	420	300		14.50
	RBT50-LBK7-350			425	470	350		16.50
	RBT50-LBK7-400			475	520	400		18.50
	RBT50-LBK7-450			525	570	450		21.60
	RBT50-LBK7-500			575	620	500		23.20
CBM100-CB150-RCM100-SP100	RBT50-LBK7-100		150-204	200	245	100		10.30
	RBT50-LBK7-150			250	295	150		12.00
	RBT50-LBK7-200			300	345	200		13.50
	RBT50-LBK7-250			350	395	250		14.50
	RBT50-LBK7-300			400	445	300		15.50
	RBT50-LBK7-350			450	495	350		17.50
	RBT50-LBK7-400			500	545	400		19.50
	RBT50-LBK7-450			550	595	450		22.60
	RBT50-LBK7-500			600	645	500		24.20

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ If the effective length exceed the arbor diameter (øD1) for 5 times, need reduce the cutting speed and use the blade with corner-R=0.2 for the machining. Or choose series of STABLELINE® for machining.

CBM MICRO ADJUSTMENT BORING HEAD+RBT-LBK HOLDER
CBM精密微調反搪孔刀+RBT-LBK刀柄

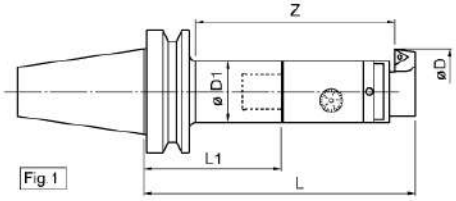


Fig 1

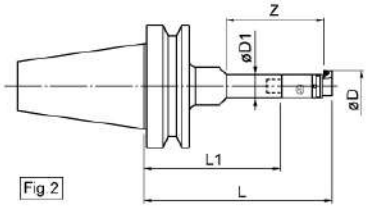


Fig 2

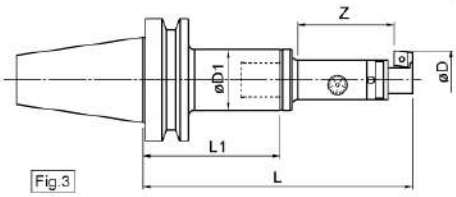


Fig.3



組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD (mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
CBM18A-SA18	RBT30-LBK2-80	3	20-25	40	140	80	24	0.70
CBM18B-SA18				65	165			0.74
CBM22-SA22	RBT30-LBK1-70	1	24-32	70	110	70	19	0.59
CBM27-SA27	RBT30-LBK2-80		31-41	90	130	80	24	0.77
CBM35-SA35	RBT30-LBK3-80		38-52	100	145		31	1.06
CBM45-SA45	RBT30-LBK4-70		50-65	110	150	70	39	1.51
CBM55-SA55	RBT30-LBK5-60		60-84	90	145	60	50	1.84
CBM68-SA68	RBT30-LBK6-60		78-115	105	160		64	3.00
CBM18A-SA18	RBT40-LBK2-85	3	20-25	40	145	85	24	1.20
CBM18B-SA18				65	170			1.24
CBM22-SA22	RBT40-LBK1-75	1	24-32	70	115	75	19	1.09
	RBT40-LBK1-90			85	130	90		1.26
CBM27-SA27	RBT40-LBK2-85		31-41	90	135	85	24	1.27
	RBT40-LBK2-100			105	150	100		1.32
CBM35-SA35	RBT40-LBK3-95		38-52	110	160	95	31	1.56
	RBT40-LBK3-125			140	190	125		1.86
CBM45-SA45	RBT40-LBK4-85		50-65	120	165	85	39	2.01
	RBT40-LBK4-130			165	210	130		2.61
CBM55-SA55	RBT40-LBK5-75		60-84	100	160	75	50	2.34
	RBT40-LBK5-125			150	210	125		3.34
CBM55-SA68	RBT40-LBK5-75		78-115	110	170	75		2.41
	RBT40-LBK5-125			160	220	125		3.41
CBM55-SA100	RBT40-LBK5-75		110-164	110	170	75		2.52
	RBT40-LBK5-125			160	220	125		3.52
CBM55-CB150-RCM100-SA100	RBT40-LBK5-75		160-214	135	195	75		3.43
	RBT40-LBK5-125			185	245	125		4.43
CBM68-SA68	RBT40-LBK6-65		78-115	105	165	65	64	3.30
	RBT40-LBK6-115			155	215	115		4.70
	RBT40-LBK6-165			205	265	165		5.90
CBM68-SA100	RBT40-LBK6-65		110-164	105	165	65		3.41
	RBT40-LBK6-115			155	215	115		4.81
	RBT40-LBK6-165			205	265	165		6.01
CBM68-CB150-RCM100-SA100	RBT40-LBK6-65		160-214	130	190	65		4.32
	RBT40-LBK6-115			180	240	115		5.72
	RBT40-LBK6-165			230	290	165		6.92
CBM100-SA100	RBT40-LBK7-100		110-164	160	220	100	88	7.40
CBM100-CB150-RCM100-SA100			160-214	185	245			8.40

★紅字標示為高長徑比，需使用刀尖R0.2刀片，並降低轉速與進給。 ★The red font are in high times depth boring, please use tip R0.2 insert for machineing, also reduce speed and feed.

CBM MICRO ADJUSTMENT BORING HEAD+RBT-LBK HOLDER
CBM精密微調反搪孔刀+RBT-LBK刀柄

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD(mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
CBM18A-SA18	RBT50-LBK2-125	3	20-25	40	185	125	39/24	4.00
CBM18B-SA18				65	210			4.04
CBM22-SA22	RBT50-LBK1-115	2	24-32	70	155	115	31/19	4.09
CBM27-SA27	RBT50-LBK2-125		31-41	105	175	125	39/24	4.07
CBM35-SA35	RBT50-LBK3-125	1	38-52	130	190	125	31	4.46
CBM45-SA45	RBT50-LBK4-115		50-65	140	195	115	39	5.01
	RBT50-LBK4-145			170	225	145		5.11
CBM55-SA55	RBT50-LBK5-105		60-84	120	190	105	50	5.54
	RBT50-LBK5-180			195	265	180		6.54
CBM55-SA68	RBT50-LBK5-105		78-115	130	200	105		5.61
	RBT50-LBK5-180			205	275	180		6.61
CBM55-SA100	RBT50-LBK5-105		110-164	130	200	105		5.72
	RBT50-LBK5-180			205	275	180		6.72
CBM55-CB150-RCM100-SA100	RBT50-LBK5-105		160-214	155	225	105		7.52
	RBT50-LBK5-180			230	300	180		8.52
CBM68-SA68	RBT50-LBK6-75		78-115	105	175	75	64	6.50
	RBT50-LBK6-170			200	270	170		8.30
	RBT50-LBK6-230			260	330	230		9.60
	RBT50-LBK6-290			320	390	290		11.00
CBM68-SA100	RBT50-LBK6-75	1	110-164	105	175	75	64	6.50
	RBT50-LBK6-170			200	270	170		8.30
	RBT50-LBK6-230			260	330	230		9.60
	RBT50-LBK6-290			320	390	290		11.00
CBM68-CB150-RCM100-SA100	RBT50-LBK6-75	1	160-214	130	200	75	64	9.89
	RBT50-LBK6-170			225	295	170		11.69
	RBT50-LBK6-230			280	355	230		12.99
	RBT50-LBK6-290			345	415	290		14.39
CBM100-SA100	RBT50-LBK7-100	1	110-164	150	220	100	88	9.30
	RBT50-LBK7-150			200	270	150		11.00
	RBT50-LBK7-200			250	320	200		12.50
	RBT50-LBK7-250			300	370	250		13.50
	RBT50-LBK7-300			350	420	300		14.50
	RBT50-LBK7-350			400	470	350		16.50
	RBT50-LBK7-400			450	520	400		18.50
	RBT50-LBK7-450			500	570	450		21.60
	RBT50-LBK7-500			550	620	500		23.20
CBM100-CB150-RCM100-SA100	RBT50-LBK7-100		160-214	175	245	100		10.30
	RBT50-LBK7-150			225	295	150		12.00
	RBT50-LBK7-200			275	345	200		13.50
	RBT50-LBK7-250			325	395	250		14.50
	RBT50-LBK7-300			375	445	300		15.50
	RBT50-LBK7-350			425	495	350		17.50
	RBT50-LBK7-400			475	545	400		19.50
	RBT50-LBK7-450			525	595	450		22.60
	RBT50-LBK7-500			575	645	500		24.20

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ If the effective length exceed the arbor diameter (øD1) for 5 times, need reduce the cutting speed and use the blade with corner-R=0.2 for the machining. Or choose series of STABLELINE® for machining.

INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD SERIES

- Forward Boring Range from Ø18 - Ø204mm, Reverse Boring Range from Ø20 - Ø214mm

RBM可調式單刃粗搪刀系列

- 正搪孔範圍Ø18 - Ø204mm, 反搪孔範圍Ø20 - Ø214mm

Feature

- Indexable RBM single-bit rough boring head is applied to rough boring machining.
- Built-in coolant nozzle cool the tip, good for insert's use.
- The toothed construction of insert holder provide high stability for cutting and wide working range.
- Exchangeble insert holder provide easy exchang of forward and reverse boring.

- RBM可調式單刃粗搪刀適用於粗切削搪孔。
- 內藏式水孔，刀尖直接冷卻，刀片壽命長。
- 刀片座由齒形結合結構固定，切削穩定，加工範圍廣泛。
- 更換刀片座即可進行正向或反向搪孔加工。



RBM55-SP55



RBM55-SA55



RBM18A-SP18



RBM68-CB150-RCM100-SP100

正搪搪刀 Forward Boring

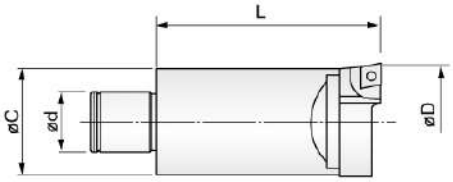


Fig.1

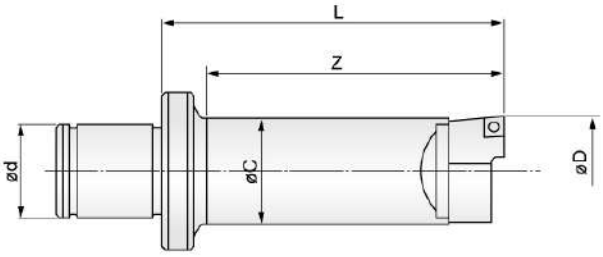
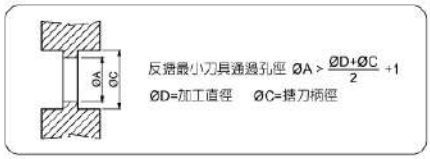


Fig.2

反搪搪刀 Reverse Boring



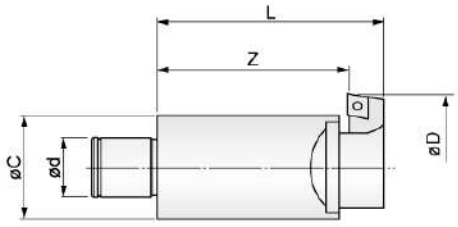


Fig.1

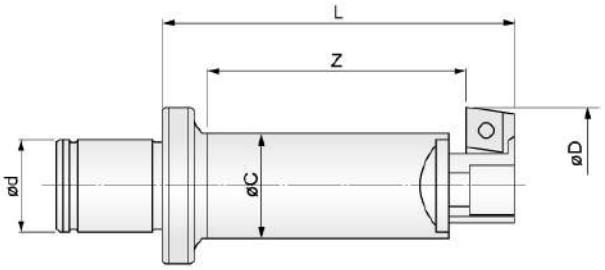


Fig.2

搪頭型號 Boring Head No.	樣式 Fig	接合型號 LBK No.	ØC (mm)	Ød (mm)	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 Cutting Insert Holder	搪孔範圍 ØD(mm) Boring Ranges	搪頭長度 L (mm) Length	刀片座 Cutting Insert Holder	搪孔範圍 ØD(mm) Boring Ranges	搪頭長度 L (mm) Length	有效長 Z (mm) Length		
RBM18A	2	LBK2	16	14	SP18	18-23	60/Z50	SA18	20-25	60	40	CC06 / M2.5 / T8	0.10
RBM18B	2	LBK2	16	14	SP18	18-23	85/Z75	SA18	20-25	85	65		0.14
RBM18-M10	1	M10	16	M10	SP18	18-23	55	SA18	20-25	55	45		0.06
RBM22	1	LBK1	20	11	SP22	22-29	40	SA22	24-32	40	30		0.09
RBM27	1	LBK2	25	14	SP27	27-40	50	SA27	31-41	50	40		0.18
RBM35	1	LBK3	32	18	SP35	35-50	65	SA35	38-52	65	50		0.38
RBM45	1	LBK4	40	22	SP45	45-65	80	SA45	50-65	80	70	CC09/M4/T15	0.72
RBM55	1	LBK5	50	28	SP55	55-80	85	SA55	60-84	85	60		1.14
RBM55	1	LBK5	50	28	SP68	68-104	95	SA68	78-115	95	70		1.22
RBM55	1	LBK5	50	28	SP100	100-154	95	SA100	110-164	95	70		1.32
RBM68	1	LBK6	63	36	SP68	68-104	100	SA68	78-115	100	75		2.10
RBM68	1	LBK6	63	36	SP100	100-154	100	SA100	110-164	100	75		2.20
RBM68	1	LBK6	140	36	CB150 RCM100 SP100	150-204	125	CB150 RCM100 SA100	160-214	125	100		3.08

※CB150為轉接板。 ※RCM100為平衡塊。 ※RBM搪頭標配為正搪SP刀片座，反搪SA刀片座為選配。
※另有CB200 轉接板，加工範圍Ø200~Ø254mm。 ※另有CB250 轉接板，加工範圍Ø250~Ø304mm。
※CB150: Adapter plate. ※RCM100: Balance base ※Standard parts of SP cutting insert holder for RBM boring head; option of SA reverse cutting insert holder.
※Attached with CB200 adapter plate, working range from ø200~ø254mm on diameter.
※Attached with CB250 adapter plate, working range from ø250~ø354mm on diameter.

INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD+RBT-LBK HOLDER
RBM可調式單刃粗搪正搪孔刀+RBT-LBK刀柄

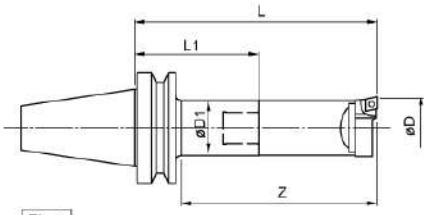


Fig.1

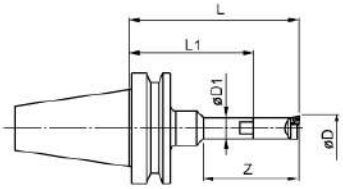


Fig.2

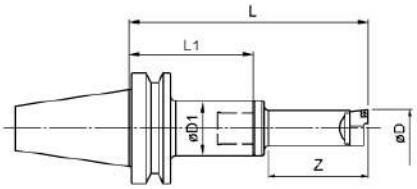


Fig.3

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD(mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
RBM18A-SP18	RBT30-LBK2-80	3	18-23	50	140	80	24	0.70
RBM18B-SP18				75	165			0.74
RBM22-SP22	RBT30-LBK1-70	1	22-29	80	110	70	19	0.59
RBM27-SP27	RBT30-LBK2-80		27-40	100	130	80	24	0.78
RBM35-SP35	RBT30-LBK3-80		35-50	115	145		31	1.08
RBM45-SP45	RBT30-LBK4-70		45-65	120	150	70	39	1.52
RBM55-SP55	RBT30-LBK5-60		55-80	115	145	60	50	1.94
RBM68-SP68	RBT30-LBK6-60		68-104	130	160		64	3.10
RBM18A-SP18	RBT40-LBK2-85	3	18-23	50	145	85	24	1.20
RBM18B-SP18				75	170			1.24
RBM22-SP22	RBT40-LBK1-75	1	22-29	80	115	75	19	1.09
	RBT40-LBK1-90			95	130	90		1.15
RBM27-SP27	RBT40-LBK2-85		27-40	100	135	85	24	1.28
	RBT40-LBK2-100			115	150	100		1.33
RBM35-SP35	RBT40-LBK3-95		35-50	125	160	95	31	1.58
	RBT40-LBK3-125			155	190	125		1.88
RBM45-SP45	RBT40-LBK4-85		45-65	130	165	85	39	2.02
	RBT40-LBK4-130			175	210	130		2.62
RBM55-SP55	RBT40-LBK5-75		55-80	125	160	75	50	2.44
	RBT40-LBK5-125			175	210	125		3.44
RBM55-SP68	RBT40-LBK5-75		68-104	135	170	75		2.52
	RBT40-LBK5-125			185	220	125		3.52
RBM55-SP100	RBT40-LBK5-75		100-154	135	170	75		2.62
	RBT40-LBK5-125			185	220	125		3.62
RBM68-SP68	RBT40-LBK6-65		68-104	130	165	65	64	3.40
	RBT40-LBK6-115			180	215	115		4.80
	RBT40-LBK6-165			230	265	165		6.00
RBM68-SP100	RBT40-LBK6-65		100-154	130	165	65		3.50
	RBT40-LBK6-115			180	215	115		4.90
	RBT40-LBK6-165			230	265	165		6.10
RBM68-CB150-RCM100-SP100	RBT40-LBK6-65		150-204	155	190	65		4.38
	RBT40-LBK6-115			205	240	115		5.78
	RBT40-LBK6-165			255	290	165		6.98

★紅字標示為高長徑比，需使用刀尖R0.2刀片，並降低轉速與進給。 ★The red font are in high times depth boring, please use tip R0.2 insert for machineing, also reduce speed and feed.

INDEXABLE RBM SINGLE-BIT ROUGH BORING HEAD+RBT-LBK HOLDER
RBM可調式單刃粗搪正搪孔刀+RBT-LBK刀柄



正搪 Forward Boring

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD(mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
RBM18A-SP18	RBT50-LBK2-125	3	18-23	50	185	125	39/24	4.00
RBM18B-SP18				75	210			4.04
RBM22-SP22	RBT50-LBK1-115	2	22-29	80	155	115	31/19	4.09
RBM27-SP27	RBT50-LBK2-125		27-40	115	175	125	39/24	4.08
RBM35-SP35	RBT50-LBK3-125	1	35-50	145	190	125	31	4.48
RBM45-SP45	RBT50-LBK4-115		45-65	150	195	115	39	5.02
	RBT50-LBK4-145			180	225	145		5.12
RBM55-SP55	RBT50-LBK5-105		55-80	145	190	105	50	5.64
	RBT50-LBK5-180			220	265	180		6.64
RBM55-SP68	RBT50-LBK5-105		68-104	155	200	105		5.72
	RBT50-LBK5-180			230	275	180		6.72
RBM55-SP100	RBT50-LBK5-105		100-154	155	200	105		5.82
	RBT50-LBK5-180			230	275	180		6.82
RBM68-SP68	RBT50-LBK6-75		68-104	130	175	75	64	6.60
	RBT50-LBK6-170			225	270	170		8.40
	RBT50-LBK6-230			285	330	230		9.70
	RBT50-LBK6-290			345	390	290		11.0
RBM68-SP100	RBT50-LBK6-75	1	100-154	130	175	75	64	6.70
	RBT50-LBK6-170			225	270	170		8.50
	RBT50-LBK6-230			285	330	230		9.80
	RBT50-LBK6-290			345	390	290		11.22
RBM68-CB150-RCM100-SP100	RBT50-LBK6-75	1	150-204	155	200	75	64	7.58
	RBT50-LBK6-170			250	295	170		9.38
	RBT50-LBK6-230			310	355	230		10.68
	RBT50-LBK6-290			370	415	290		12.08

INDEXABLE RBM SINGLE-BIT ROUGH REVERSE BORING HEAD+RBT-LBK HOLDER
RBM可調式單刃粗搪反搪孔刀+RBT-LBK刀柄

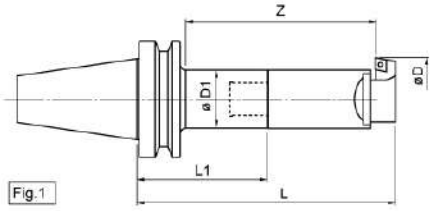


Fig.1

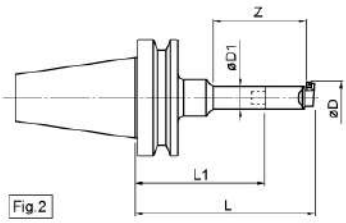


Fig.2

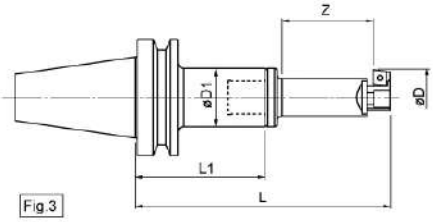


Fig.3

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD(mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
RBM18A-SA18	RBT30-LBK2-80	3	20-25	40	140	80	24	0.70
RBM18B-SA18				65	165			0.74
RBM22-SA22	RBT30-LBK1-70	1	24-32	70	110	70	19	0.59
RBM27-SA27	RBT30-LBK2-80		31-41	90	130	80	24	0.78
RBM35-SA35	RBT30-LBK3-80		38-52	100	145		31	1.08
RBM45-SA45	RBT30-LBK4-70		50-65	110	150	70	39	1.52
RBM55-SA55	RBT30-LBK5-60		60-84	90	145	60	50	1.94
RBM68-SA68	RBT30-LBK6-60		78-115	105	160		64	3.10
RBM18A-SA18	RBT40-LBK2-85	3	20-25	40	145	85	24	1.20
RBM18B-SA18				65	170			1.24
RBM22-SA22	RBT40-LBK1-75	1	24-32	70	115	75	19	1.09
	RBT40-LBK1-90			85	130	90		1.15
RBM27-SA27	RBT40-LBK2-85		31-41	90	135	85	24	1.28
	RBT40-LBK2-100			105	150	100		1.33
RBM35-SA35	RBT40-LBK3-95		38-52	110	160	95	31	1.58
	RBT40-LBK3-125			140	190	125		1.88
RBM45-SA45	RBT40-LBK4-85		50-65	120	165	85	39	2.02
	RBT40-LBK4-130			165	210	130		2.62
RBM55-SA55	RBT40-LBK5-75		60-84	100	160	75	50	2.44
	RBT40-LBK5-125			150	210	125		3.44
RBM55-SA68	RBT40-LBK5-75		78-115	110	170	75		2.52
	RBT40-LBK5-125			160	220	125		3.52
RBM55-SA100	RBT40-LBK5-75		110-164	110	170	75		2.62
	RBT40-LBK5-125			160	220	125		3.62
RBM68-SA68	RBT40-LBK6-65		78-115	105	165	65	64	3.40
	RBT40-LBK6-115			155	215	115		4.80
	RBT40-LBK6-165			205	265	165		6.00
RBM68-SA100	RBT40-LBK6-65		110-164	105	165	65		3.50
	RBT40-LBK6-115			155	215	115		4.90
	RBT40-LBK6-165			205	265	165		6.10
RBM68-CB150-RCM100-SA100	RBT40-LBK6-65		160-214	130	190	65		4.38
	RBT40-LBK6-115			180	240	115		5.78
	RBT40-LBK6-165			230	290	165		6.98

★紅字標示為高長徑比，需使用刀尖R0.2刀片，並降低轉速與進給。 ★The red font are in high times depth boring, please use tip R0.2 insert for machineing, also reduce speed and feed.

INDEXABLE RBM SINGLE-BIT ROUGH REVERSE BORING HEAD+RBT-LBK HOLDER
RBM可調式單刃粗搪反搪孔刀+RBT-LBK刀柄



反搪 Reverse Boring

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges øD(mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 øD1 (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
RBM18A-SA18	RBT50-LBK2-125	3	20-25	40	185	125	39/24	4.00
RBM18B-SA18				65	210			4.04
RBM22-SA22	RBT50-LBK1-115	2	24-32	70	155	115	31/19	4.09
RBM27-SA27	RBT50-LBK2-125		31-41	105	175	125	39/24	4.08
RBM35-SA35	RBT50-LBK3-125	1	38-52	130	190	125	31	4.48
RBM45-SA45	RBT50-LBK4-115		50-65	140	195	115	39	5.02
	RBT50-LBK4-145			170	225	145		5.12
RBM55-SA55	RBT50-LBK5-105		60-84	120	190	105	50	5.64
	RBT50-LBK5-180			195	265	180		6.64
RBM55-SA68	RBT50-LBK5-105		78-115	130	200	105		5.72
	RBT50-LBK5-180			205	275	180		6.72
RBM55-SA100	RBT50-LBK5-105		110-164	130	200	105		5.82
	RBT50-LBK5-180			205	275	180		6.82
RBM68-SA68	RBT50-LBK6-75		78-115	105	175	75	64	6.60
	RBT50-LBK6-170			200	270	170		8.40
	RBT50-LBK6-230			260	330	230		9.70
	RBT50-LBK6-290			320	390	290		11.10
RBM68-SA100	RBT50-LBK6-75	1	110-164	105	175	75	64	6.70
	RBT50-LBK6-170			200	270	170		8.50
	RBT50-LBK6-230			260	330	230		9.80
	RBT50-LBK6-290			320	390	290		11.20
RBM68-CB150-RCM100-SA100	RBT50-LBK6-75	1	160-214	130	200	75	64	7.58
	RBT50-LBK6-170			225	295	170		9.38
	RBT50-LBK6-230			280	355	230		10.68
	RBT50-LBK6-290			345	415	290		12.08

INDEXABLE TWIN-EDGE ROUGH BORING HEAD RBH-LA

- Boring Range from Ø25 - Ø204mm

新型RBH-LA可調式雙刃粗搪刀系列



Feature

- Optimized cartridges designed for greatest stability.
- Internal coolant hole directs coolant to the cutting edge to evacuate chips, reduce cycle time, and cools cutting edge to increase tool life.
- The chip breaker is ideal for chip evacuation in boring operations, especially in deep or blind holes.
- Reliable system with clamping plate between head and cartridge for stable boring.
- The unique step boring head is able to set the insert at different axial heights or equal heights.
- Insert holders for RBH120LA and RBH160LA are replaceable.

- 刀片支持座厚度增加，剛性增強。
- 內藏式水孔，直接冷卻，刀片壽命長。
- 排屑槽設計，增加深孔排屑功能。
- 連接壓板使刀頭與刀座一體，增加切削剛性。
- 獨特高低段差設計，平刃或高低刃均可採用。
- RBH120LA與RBH160LA為可更換式刀片座。

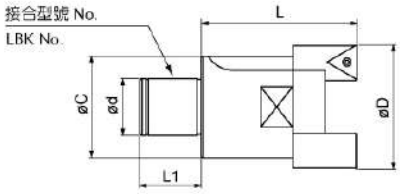
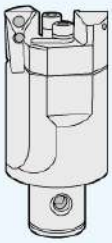
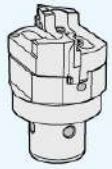


圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 LBK No.	搪孔範圍 øDmm Boring Range	L mm	øC mm	ød mm	L1 mm	刀片規格 Insert	重量 kg Weight
	RBH25LA-C	LBK2	25~35	50	24	14	16	CCMT060204	0.15
	RBH32LA-C	LBK3	32~45	60	31	18	20	CCMT060204	0.3
	RBH32LA-T	LBK3	32~45	60	31	18	20	TCMT110204	0.3
	RBH40LA-C	LBK4	40~55	70	39	22	24	CCMT09T304	0.6
	RBH40LA-T	LBK4	40~55	70	39	22	24	TCMT16T304	0.6
	RBH40LA-S	LBK4	40~55	70	39	22	24	SCMT09T304	0.6
	RBH52LA-C	LBK5	52~75	80	50	28	30	CCMT09T304	1.0
	RBH52LA-T	LBK5	52~75	80	50	28	30	TCMT16T304	1.0
	RBH52LA-S	LBK5	52~75	80	50	28	30	SCMT09T304	1.0
	RBH68LA-C	LBK6	68~100	90	66	36	40	CCMT120408	2.5
	RBH68LA-T	LBK6	68~100	90	66	36	40	TCMT16T304	2.5
	RBH68LA-S	LBK6	68~100	90	66	36	40	SCMT120404	2.5
	RBH90LA-C	LBK6	90~130	100	88	36	40	CCMT120408	3.1
	RBH90LA-T	LBK6	90~130	100	88	36	40	TCMT16T304	3.1
	RBH90LA-S	LBK6	90~130	100	88	36	40	SCMT120404	3.1
	RBH90A-LAC	LBK7	90~130	100	88	58	50	CCMT120408	3.8
	RBH90A-LAT	LBK7	90~130	100	88	58	50	TCMT16T304	3.8
	RBH90A-LAS	LBK7	90~130	100	88	58	50	SCMT120404	3.8
	RBH120A-LAC	LBK7	120~164	95	100	58	50	CCMT120408	4.7
	RBH120A-LAT	LBK7	120~164	95	100	58	50	TCMT220408	4.7
	RBH120A-LAS	LBK7	120~164	95	100	58	50	SCMT120404	4.7
	RBH160A-LAC	LBK7	160~204	95	130	58	50	CCMT120408	5.6
	RBH160A-LAT	LBK7	160~204	95	130	58	50	TCMT220408	5.6
	RBH160A-LAS	LBK7	160~204	95	130	58	50	SCMT120404	5.6

RBT-LBK刀柄+RBH-LA雙刃粗搪刀

RBT-LBK Holder+RBH Twin-Edge Rough Boring Head



HSK-LBK刀柄+RBH-LA雙刃粗搪刀

HSK-LBK Holder+RBH Twin-Edge Rough Boring Head





RBT-LBK+RBH-LA

Fig.1

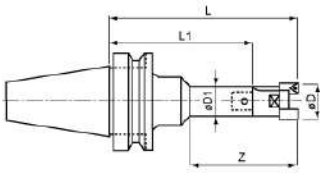
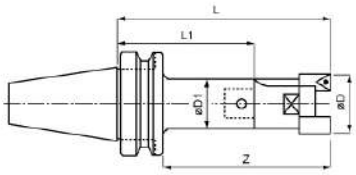


Fig.2



規格Specifications:

型號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
				RBT-LBK刀桿 RBT-LBK holder	RBH刀頭 RBH boring head					
RBT30-RBH25LA-130	2	25-35	100	RBT30-LBK2-80	RBH25LA	2	130	80	24	0.75
RBT30-RBH32LA-140		32-45	110	RBT30-LBK3-80	RBH32LA	3	140		31	1.00
RBT30-RBH40LA-140		40-55		RBT30-LBK4-70	RBH40LA	4		70	39	1.40
RBT30-RBH52LA-140		52-75		RBT30-LBK5-60	RBH52LA	5			50	1.80
RBT30-RBH68LA-150		68-100	120	RBT30-LBK6-60	RBH68LA	6	150	60	64	3.50
RBT30-RBH90LA-160		90-130	130		RBH90LA		160			4.10
RBT40-RBH25LA-135		25-35	100	RBT40-LBK2-85	RBH25LA	2	135	85	24	1.30
RBT40-RBH25LA-150			115	RBT40-LBK2-100			150	100		1.40
RBT40-RBH25LA-165			130	RBT40-LBK2-115			165	115		1.60
RBT40-RBH32LA-155		32-45	120	RBT40-LBK3-95	RBH32LA	3	155	95	31	1.50
RBT40-RBH32LA-185			150	RBT40-LBK3-125			185	125		1.80
RBT40-RBH32LA-215			180	RBT40-LBK3-155			215	155		2.00
RBT40-RBH40LA-155		40-55	120	RBT40-LBK4-85	RBH40LA	4	155	85	39	1.90
RBT40-RBH40LA-200			165	RBT40-LBK4-130			200	130		2.50
RBT40-RBH40LA-245			210	RBT40-LBK4-175			245	175		2.80
RBT40-RBH52LA-155		52-75	120	RBT40-LBK5-75	RBH52LA	5	155	75	50	2.30
RBT40-RBH52LA-205			170	RBT40-LBK5-125			205	125		3.30
RBT40-RBH52LA-255			220	RBT40-LBK5-175			255	175		4.00
RBT40-RBH68LA-155		68-100	120	RBT40-LBK6-65	RBH68LA	6	155	65	64	3.80
RBT40-RBH68LA-205			170	RBT40-LBK6-115			205	115		5.20
RBT40-RBH68LA-255			220	RBT40-LBK6-165			255	165		6.40
RBT40-RBH90LA-165		90-130	130	RBT40-LBK6-65	RBH90LA		165	65		4.40
RBT40-RBH90LA-215			180	RBT40-LBK6-115			215	115		5.80
RBT40-RBH90LA-265			230	RBT40-LBK6-165			265	165		7.00
RBT40-RBH120A-LA-195		120-164	160	RBT40-LBK7-100	RBH120A-LA	7	195	100	88	7.00
RBT40-RBH160A-LA-195		160-204			RBH160A-LA					8.00
RBT50-RBH25LA-175	1	25-35	115	RBT50-LBK2-125	RBH25LA	2	175	125	39/24	4.10
RBT50-RBH25LA-205			145	RBT50-LBK2-155			205	155		4.20
RBT50-RBH32LA-185	2	32-45	140	RBT50-LBK3-125	RBH32LA	3	185	125	31	4.40
RBT50-RBH32LA-215			170	RBT50-LBK3-155			215	155		4.50
RBT50-RBH40LA-185		40-55	140	RBT50-LBK4-115	RBH40LA	4	185	115	39	4.90
RBT50-RBH40LA-215			170	RBT50-LBK4-145			215	145		5.00
RBT50-RBH40LA-245			200	RBT50-LBK4-175			245	175		5.40
RBT50-RBH52LA-185		52-75	140	RBT50-LBK5-105	RBH52LA	5	185	105	50	5.50
RBT50-RBH52LA-220			175	RBT50-LBK5-140			220	140		6.00
RBT50-RBH52LA-260			215	RBT50-LBK5-180			260	180		6.50
RBT50-RBH52LA-320			275	RBT50-LBK5-240			320	240		7.20
RBT50-RBH68LA-165		68-100	120	RBT50-LBK6-75	RBH68LA	6	165	75	64	6.80
RBT50-RBH68LA-215			170	RBT50-LBK6-125			215	125		8.00
RBT50-RBH68LA-260			215	RBT50-LBK6-170			260	170		8.80
RBT50-RBH68LA-320			275	RBT50-LBK6-230			320	230		10.10
RBT50-RBH68LA-380			335	RBT50-LBK6-290			380	290		11.50
RBT50-RBH90LA-200		90-130	155	RBT50-LBK7-100	RBH90A-LA		200	100		8.60
RBT50-RBH90LA-250			205	RBT50-LBK7-150			250	150		10.30
RBT50-RBH90LA-300			255	RBT50-LBK7-200			300	200		11.80
RBT50-RBH90LA-350			305	RBT50-LBK7-250			350	250		12.80
RBT50-RBH90LA-400			355	RBT50-LBK7-300			400	300		13.80
RBT50-RBH90LA-450			405	RBT50-LBK7-350			450	350		15.80
RBT50-RBH90LA-500			455	RBT50-LBK7-400			500	400		17.80
RBT50-RBH120A-LA-195		120-164	150	RBT50-LBK7-100	RBH120A-LA	7	195	100	88	9.50
RBT50-RBH120A-LA-245			200	RBT50-LBK7-150			245	150		11.20
RBT50-RBH120A-LA-295			250	RBT50-LBK7-200			295	200		12.70
RBT50-RBH120A-LA-345			300	RBT50-LBK7-250			345	250		13.70
RBT50-RBH120A-LA-395			350	RBT50-LBK7-300			395	300		14.70
RBT50-RBH120A-LA-445			400	RBT50-LBK7-350			445	350		15.90
RBT50-RBH120A-LA-495			450	RBT50-LBK7-400			495	400		17.00
RBT50-RBH120A-LA-545			500	RBT50-LBK7-450			545	450		19.20
RBT50-RBH120A-LA-595			550	RBT50-LBK7-500			595	500		20.40
RBT50-RBH160A-LA-195		160-204	150	RBT50-LBK7-100	RBH160A-LA		195	100		10.40
RBT50-RBH160A-LA-245			200	RBT50-LBK7-150			245	150		12.10
RBT50-RBH160A-LA-295			250	RBT50-LBK7-200			295	200		13.60
RBT50-RBH160A-LA-345			300	RBT50-LBK7-250			345	250		14.60
RBT50-RBH160A-LA-395			350	RBT50-LBK7-300			395	300		15.60
RBT50-RBH160A-LA-445			400	RBT50-LBK7-350			445	350		16.80
RBT50-RBH160A-LA-495			450	RBT50-LBK7-400			495	400		17.90
RBT50-RBH160A-LA-545			500	RBT50-LBK7-450			545	450		20.10
RBT50-RBH160A-LA-595			550	RBT50-LBK7-500			595	500		21.30

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.



HSK-LBK+RBH-LA

Fig.1

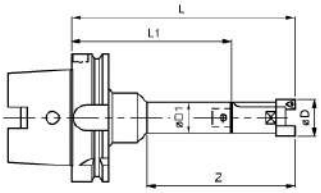
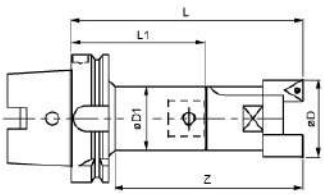


Fig.2



規格Specifications:

型號 Type	樣式 Fig.	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations HSK-LBK刀桿 HSK-LBK holder	RBH刀頭 RBH boring head	接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
HSK-A63-RBH25LA-135	2	25-35	100	HSK-A63-LBK2-85	RBH25LA	2	135	85	24	1.06
HSK-A63-RBH25LA-150			115	HSK-A63-LBK2-100			150	100		1.11
HSK-A63-RBH25LA-165			130	HSK-A63-LBK2-115			165	115		1.16
HSK-A63-RBH32LA-155		32-45	120	HSK-A63-LBK3-95	RBH32LA	3	155	95	31	1.36
HSK-A63-RBH32LA-185			150	HSK-A63-LBK3-125			185	125		1.51
HSK-A63-RBH32LA-215			180	HSK-A63-LBK3-155			215	155		1.66
HSK-A63-RBH40LA-155		40-55	120	HSK-A63-LBK4-85	RBH40LA	4	155	85	39	1.80
HSK-A63-RBH40LA-200			165	HSK-A63-LBK4-130			200	130		2.15
HSK-A63-RBH40LA-245			210	HSK-A63-LBK4-175			245	175		2.49
HSK-A63-RBH52LA-155		52-75	125	HSK-A63-LBK5-75	RBH52LA	5	155	75	50	2.31
HSK-A63-RBH52LA-205			175	HSK-A63-LBK5-125			205	125		2.97
HSK-A63-RBH52LA-255			225	HSK-A63-LBK5-175			255	175		3.60
HSK-A63-RBH68LA-160		68-100	130	HSK-A63-LBK6-70	RBH68LA	6	160	70	64	3.85
HSK-A63-RBH68LA-205			175	HSK-A63-LBK6-115			205	115		4.80
HSK-A63-RBH68LA-255			225	HSK-A63-LBK6-165			255	165		5.94
HSK-A63-RBH90LA-170		90-130	140	HSK-A63-LBK6-70	RBH90LA		170	70		4.45
HSK-A63-RBH90LA-215			185	HSK-A63-LBK6-115			215	115		5.40
HSK-A63-RBH90LA-265			235	HSK-A63-LBK6-165			265	165		6.54
HSK-A63-RBH120A-LA-200		120-164	170	HSK-A63-LBK7-105	RBH120A-LA	7	200	105	88	7.58
HSK-A63-RBH160A-LA-200		160-204			RBH160A-LA					8.48
HSK-A100-RBH25LA-175	1	25-35	115	HSK-A100-LBK2-125	RBH25LA	2	175	125	39/42	2.58
HSK-A100-RBH25LA-205			145	HSK-A100-LBK2-155			205	155		2.67
HSK-A100-RBH32LA-185		32-45	140	HSK-A100-LBK3-125	RBH32LA	3	185	125	45/31	2.83
HSK-A100-RBH32LA-215			170	HSK-A100-LBK3-155			215	155		2.98
HSK-A100-RBH40LA-185	2	40-55	150	HSK-A100-LBK4-115	RBH40LA	4	185	115	39	3.27
HSK-A100-RBH40LA-215			180	HSK-A100-LBK4-145			215	145		3.46
HSK-A100-RBH40LA-245			210	HSK-A100-LBK4-175			245	175		3.70
HSK-A100-RBH52LA-185		52-75	150	HSK-A100-LBK5-105	RBH52LA	5	185	105	50	3.97
HSK-A100-RBH52LA-220			185	HSK-A100-LBK5-140			220	140		4.47
HSK-A100-RBH52LA-260			225	HSK-A100-LBK5-180			260	180		4.89
HSK-A100-RBH52LA-320			285	HSK-A100-LBK5-240			320	240		5.66
HSK-A100-RBH68LA-165		68-100	130	HSK-A100-LBK6-75	RBH68LA	6	165	75	64	5.30
HSK-A100-RBH68LA-215			180	HSK-A100-LBK6-125			215	125		6.52
HSK-A100-RBH68LA-260			225	HSK-A100-LBK6-170			260	170		7.28
HSK-A100-RBH68LA-320			285	HSK-A100-LBK6-230			320	230		8.40
HSK-A100-RBH68LA-380			345	HSK-A100-LBK6-290			380	290		9.58
HSK-A100-RBH90A-LA-200		90-130	165	HSK-A100-LBK7-100	RBH90A-LA		200	100		8.00
HSK-A100-RBH90A-LA-250			215	HSK-A100-LBK7-150			250	150		9.85
HSK-A100-RBH90A-LA-300			265	HSK-A100-LBK7-200			300	200		11.84
HSK-A100-RBH90A-LA-350			315	HSK-A100-LBK7-250			350	250		13.60
HSK-A100-RBH90A-LA-400			365	HSK-A100-LBK7-300			400	300		15.20
HSK-A100-RBH90A-LA-450			415	HSK-A100-LBK7-350			450	350		16.74
HSK-A100-RBH90A-LA-500			465	HSK-A100-LBK7-400			500	400		18.40
HSK-A100-RBH90A-LA-550			515	HSK-A100-LBK7-450			550	450		19.98
HSK-A100-RBH90A-LA-600			565	HSK-A100-LBK7-500			600	500		21.50
HSK-A100-RBH120A-LA-195		120-164	160	HSK-A100-LBK7-100	RBH120A-LA	7	195	100	88	8.90
HSK-A100-RBH120A-LA-245			210	HSK-A100-LBK7-150			245	150		10.75
HSK-A100-RBH120A-LA-295			260	HSK-A100-LBK7-200			295	200		12.74
HSK-A100-RBH120A-LA-345			310	HSK-A100-LBK7-250			345	250		14.50
HSK-A100-RBH120A-LA-395			360	HSK-A100-LBK7-300			395	300		16.10
HSK-A100-RBH120A-LA-445			410	HSK-A100-LBK7-350			445	350		17.64
HSK-A100-RBH120A-LA-495			460	HSK-A100-LBK7-400			495	400		19.30
HSK-A100-RBH120A-LA-545			510	HSK-A100-LBK7-450			545	450		20.88
HSK-A100-RBH120A-LA-595			560	HSK-A100-LBK7-500			595	500		22.40
HSK-A100-RBH160A-LA-195		160-204	160	HSK-A100-LBK7-100	RBH160A-LA		195	100		9.80
HSK-A100-RBH160A-LA-245			210	HSK-A100-LBK7-150			245	150		11.65
HSK-A100-RBH160A-LA-295			260	HSK-A100-LBK7-200			295	200		13.64
HSK-A100-RBH160A-LA-345			310	HSK-A100-LBK7-250			345	250		15.40
HSK-A100-RBH160A-LA-395			360	HSK-A100-LBK7-300			395	300		17.00
HSK-A100-RBH160A-LA-445			410	HSK-A100-LBK7-350			445	350		18.54
HSK-A100-RBH160A-LA-495			460	HSK-A100-LBK7-400			495	400		20.20
HSK-A100-RBH160A-LA-545			510	HSK-A100-LBK7-450			545	450		21.78
HSK-A100-RBH160A-LA-595			560	HSK-A100-LBK7-500			595	500		23.30

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

RBH Ø200+ INDEXABLE TWIN-EDGE ROUGH BORING HEAD
- Boring Range from Ø200 - Ø500mm

Ø200以上RBH可調式大徑雙刃粗搪刀系列

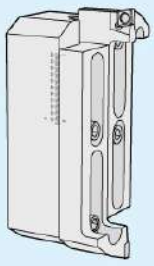
Feature

- Suitable for boring applications with single-edge, twin-edge, and step-boring for boring ranges from Ø200 mm to Ø500 mm.
- The new style cartridge design enforces structural rigidity, generates maximum cutting force during severe boring applications.
- The boring head is adjustable for a wide range of applications, also available with extension bars to reach the demanded boring depth.
- Calibration along the base makes adjustment easier and faster.
- Suitable for boring operations in machining centers and boring machines, delivering great tooling flexibility - choose from an extensive variety of inserts of any brand, reducing tool wear while increasing machining efficiency.
- The unique step boring head is able to set the insert at different axial heights or equal heights.
- RBH Ø200+ large-diameter boring heads are simple, compact, and robust boring heads for roughing operations. Adjustment range is 100 mm in diameter.
- Insert holders are replaceable.

- 適用單刃搪孔，雙刃搪孔及高低階搪孔。搪孔範圍Ø200~Ø500mm。
- 新型刀刃滑座設計，刀背補強。加工時，滑座承受的兩個作用力相互抵消，產生最大剛性和切削力。適合各形態的搪孔作業。
- 可依照各種不同加工需求，輕易調整搪刀，做少量多樣的加工。備有多種長度刀桿可加工至所需深度。
- 清晰的側邊刻度，協助使用者輕易調整到所需的範圍，無須在刀具設定儀上預設。
- 最適合在各型切削中心機或搪床上配合使用，並可搭配各種廠牌相同規格的指定刀片，節省刀具研磨時間並大幅增加搪孔效率。
- 專利高低段差設計，平刃或高低刃均可採用。
- 直徑 Ø200mm 以上大孔徑搪刀，使用直接組件，結構簡單剛性強，調整範圍為直徑100mm。
- 可更換式刀片座。

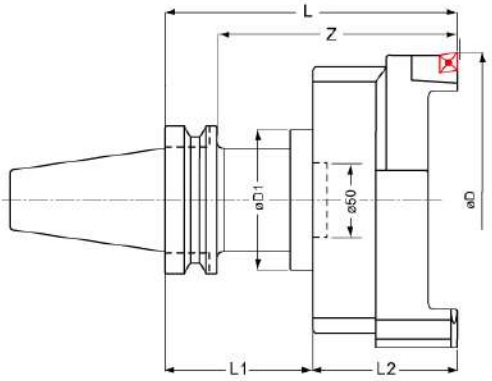




圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 BST No.	搪孔範圍ØDmm Boring Range	搪頭長度 L2 mm	刀片規格 Insert	重量 kg Weight
	RBH200-C	BST Series	200~300	95	CCMT120408	7.0
	RBH200-T	BST Series	200~300	95	TCMT220408	7.0
	RBH200-S	BST Series	200~300	95	SCMT120404	7.0
	RBH300-C	BST Series	300~400	95	CCMT120408	10.7
	RBH300-T	BST Series	300~400	95	TCMT220408	10.7
	RBH300-S	BST Series	300~400	95	SCMT120404	10.7
	RBH400-C	BST Series	400~500	95	CCMT120408	14.0
	RBH400-T	BST Series	400~500	95	TCMT220408	14.0
	RBH400-S	BST Series	400~500	95	SCMT120404	14.0

※另有LBK7配件可供選用。 ※Available with LBK7 accessories (option).

RBH Ø200+ INDEXABLE TWIN-EDGE ROUGH BORING HEAD +BST HOLDER
Ø200以上RBH可調式大徑雙刃粗搪刀+BST刀柄





可更換式刀片座規格 Specification of replaceable insert holders

型號 Type	刀片規格 Insert	螺絲/扳手 Screw/Wrench	適用搪頭
RBHCC12	CCMT120408	M5/T20	RBH120(LA) RBH160(LA) RBH200~RBH400
RBHTC22	TCMT220408		
RBHSC12	SCMT120404		
RBHTC16	TCMT16T304	M4/T15	

型號 Type	搪孔範圍 øD(mm)	有效長 Z	組合內容 Tool Connection		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量kg Weight
			BST刀桿 BST shank	RBH刀頭RBH boring head					
BT50-RBH200-195	200-300	150	BT50-BST-100	RBH200	BST	195	100	95	12.1
BT50-RBH200-245	200-300	200	BT50-BST-150	RBH200	BST	245	150	95	13.8
BT50-RBH200-295	200-300	250	BT50-BST-200	RBH200	BST	295	200	95	16.6
BT50-RBH200-345	200-300	300	BT50-BST-250	RBH200	BST	345	250	95	18.5
BT50-RBH200-395	200-300	350	BT50-BST-300	RBH200	BST	395	300	95	21.4
BT50-RBH200-445	200-300	400	BT50-BST-350	RBH200	BST	445	350	95	23.8
BT50-RBH200-495	200-300	450	BT50-BST-400	RBH200	BST	495	400	95	26.3
BT50-RBH300-195	300-400	150	BT50-BST-100	RBH300	BST	195	100	95	15.8
BT50-RBH300-245	300-400	200	BT50-BST-150	RBH300	BST	245	150	95	17.5
BT50-RBH300-295	300-400	250	BT50-BST-200	RBH300	BST	295	200	95	20.3
BT50-RBH300-345	300-400	300	BT50-BST-250	RBH300	BST	345	250	95	22.2
BT50-RBH300-395	300-400	350	BT50-BST-300	RBH300	BST	395	300	95	25.1
BT50-RBH300-445	300-400	400	BT50-BST-350	RBH300	BST	445	350	95	27.5
BT50-RBH300-495	300-400	450	BT50-BST-400	RBH300	BST	495	400	95	30.0
BT50-RBH400-195	400-500	150	BT50-BST-100	RBH400	BST	195	100	95	19.1
BT50-RBH400-245	400-500	200	BT50-BST-150	RBH400	BST	245	150	95	20.8
BT50-RBH400-295	400-500	250	BT50-BST-200	RBH400	BST	295	200	95	23.6
BT50-RBH400-345	400-500	300	BT50-BST-250	RBH400	BST	345	250	95	25.5
BT50-RBH400-395	400-500	350	BT50-BST-300	RBH400	BST	395	300	95	28.4
BT50-RBH400-445	400-500	400	BT50-BST-350	RBH400	BST	445	350	95	30.8
BT50-RBH400-495	400-500	450	BT50-BST-400	RBH400	BST	495	400	95	33.3

RBH-LA Ø200+ LARGE DIAMETER MODULAR ROUGH BORING HEAD

Boring Range from Ø200 - Ø2000mm

Ø200以上RBH-LA組合式大徑粗搪刀系列

Feature

- Suitable for boring ranges from Ø200 mm to Ø2000 mm.
- The same combinations can be used for both rough and fine boring. Large assortment of different cartridges and slides is also available for a wide range of applications.
  Adjustment range is 110 mm in diameter / Ø300 mm for 600LA and 900LA / Ø400 mm for 1200LA and larger types.
- RBH-LA rough boring beads deliver great tooling flexibility - choose from an extensive variety of inserts of any brand for your demanded machining needs.
- Available with customized solutions for Ø2000+ mm boring heads.

- 通用Ø200~Ø2000mm大型孔徑加工使用。
- 粗、精搪刀使用同基礎組件，且可另選配附件搭配使用。加工調整範圍為直徑Ø110mm。600LA與900LA調整範圍為Ø300mm，1200LA以上為Ø400mm。
- 粗搪刀，具有多種刀片選擇，可適用於多種材質及加工方式。
- 可依客戶需求訂製2M以上規格。



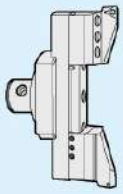
搪頭型號 Boring Head Type	型 號 Type		RBH 200LA	RBH 300LA	RBH 400LA	RBH 500LA	RBH 600LA	RBH 900LA	RBH 1200LA	RBH 1600LA
	長 度 Length (mm)		130	130	130	130	150	150	180	180
	整組重量 Total Weight (kg)		10.6	12.6	14.6	16.6	23	31.7	46.6	52
	加工直徑 Boring Diameter ØD (mm)		200-310	300-410	400-510	500-610	600-900	900-1200	1200-1600	1600-2000
組合型式 Combinations	接合刀桿 Taper Shank		RBT50 / SK50 / HSK100A-LBK7				BT50-FMA-47.625			
	連接盤 Adaptor		LBK7-BR200				BR600	BR900	BR1200	BR1600
	重量 (kg) Weight		合金鋼 Alloy Steel				鋁合金 Alum. Alloy			
			3.8				8.8	13.5	24.4	29.6
	橫向滑板(合金鋼) Bridge		RST200	RST300	RST400	RST500	RST300 x 2 pcs	RST400 x 2 pcs	RST500 x 2pcs	
	重量 Weight (kg)		3.4	5.4	7.4	9.4	10.8	14.8	18.8	
	滑塊 Slide		RS200							
	重量 (kg) Weight		0.98 kg							
	刀片座墊片 Height Setting Shim		RS201							
	重量 (kg) Weight		0.05 kg							
	刀片座 Insert Holder		RB200C12		RB200T16		RB200T22		RB200S12	
	適合刀片 Applicable Insert		CCMT120404		TCMT16T304		TCMT220408		SCMT120408	
	重量 (kg) Weight		0.68 kg							

※此規格不含刀桿。 ※Tool holders are not included.

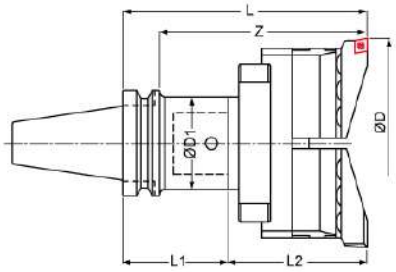
RBH-LA Ø200+ LARGE DIAMETER MODULAR ROUGH BORING HEAD+LBK7 HOLDER

- Boring Range from Ø200 - Ø2000mm

Ø200以上RBH-LA組合式大徑雙刃粗搪刀+LBK7刀柄

圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 Taper Shank	搪孔範圍ØD mm Boring Range	搪頭長度 L2 mm	刀片規格 Insert	重量 (kg) Weight
	RBH200LA	LBK7	200~310	130	(選配刀片座) Optional Inserts CCMT120408 TCMT16T304 TCMT220408 SCMT120404	10.6
	RBH300LA	LBK7	300~410	130		12.6
	RBH400LA	LBK7	400~510	130		14.6
	RBH500LA	LBK7	500~610	130		16.6
	RBH600LA	FMA-47.625	600~900	150		23.0
	RBH900LA	FMA-47.625	900~1200	150		31.7
	RBH1200LA	FMA-47.625	1200~1600	180		46.6
	RBH1600LA	FMA-47.625	1600~2000	180		52.0







RBT-LBK7+RBH-LA

規 格Specifications:

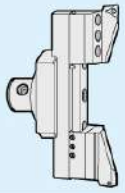
型 號 Type	搪孔範圍 ØD(mm)	有效長 Z (mm)	組合內容 Combinations RBT-LBK7刀桿 RBT-LBK7 holder	組合內容 Combinations RBH-LA刀頭 RBH-LA boring head	接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 ØD1	重量 kg Weight
RBT50-RBH200LA-230	200-310	185	RBT50-LBK7-100	RBH200LA	7	230	100	88	15.40
RBT50-RBH200LA-280		235	RBT50-LBK7-150			280	150		17.10
RBT50-RBH200LA-330		285	RBT50-LBK7-200			330	200		18.60
RBT50-RBH200LA-380		335	RBT50-LBK7-250			380	250		19.60
RBT50-RBH200LA-430		385	RBT50-LBK7-300			430	300		20.60
RBT50-RBH200LA-480		435	RBT50-LBK7-350			480	350		21.80
RBT50-RBH200LA-530		485	RBT50-LBK7-400			530	400		22.90
RBT50-RBH200LA-580		535	RBT50-LBK7-450			580	450		25.10
RBT50-RBH200LA-630		585	RBT50-LBK7-500			630	500		26.30
RBT50-RBH300LA-230	300-410	185	RBT50-LBK7-100	RBH300LA		230	100		17.40
RBT50-RBH300LA-280		235	RBT50-LBK7-150			280	150		19.10
RBT50-RBH300LA-330		285	RBT50-LBK7-200			330	200		20.60
RBT50-RBH300LA-380		335	RBT50-LBK7-250			380	250		21.60
RBT50-RBH300LA-430		385	RBT50-LBK7-300			430	300		22.60
RBT50-RBH300LA-480		435	RBT50-LBK7-350			480	350		23.80
RBT50-RBH300LA-530		485	RBT50-LBK7-400			530	400		24.90
RBT50-RBH300LA-580		535	RBT50-LBK7-450			580	450		27.10
RBT50-RBH300LA-630		585	RBT50-LBK7-500			630	500		28.30
RBT50-RBH400LA-230	400-510	185	RBT50-LBK7-100	RBH400LA		230	100		19.40
RBT50-RBH400LA-280		235	RBT50-LBK7-150			280	150		21.10
RBT50-RBH400LA-330		285	RBT50-LBK7-200			330	200		22.60
RBT50-RBH400LA-380		335	RBT50-LBK7-250			380	250		23.60
RBT50-RBH400LA-430		385	RBT50-LBK7-300			430	300		24.60
RBT50-RBH400LA-480		435	RBT50-LBK7-350			480	350		25.80
RBT50-RBH400LA-530		485	RBT50-LBK7-400			530	400		26.90
RBT50-RBH400LA-580		535	RBT50-LBK7-450			580	450		29.10
RBT50-RBH400LA-630		585	RBT50-LBK7-500			630	500		30.30
RBT50-RBH500LA-230	500-610	185	RBT50-LBK7-100	RBH500LA		230	100		21.40
RBT50-RBH500LA-280		235	RBT50-LBK7-150			280	150		23.10
RBT50-RBH500LA-330		285	RBT50-LBK7-200			330	200		24.60
RBT50-RBH500LA-380		335	RBT50-LBK7-250			380	250		25.60
RBT50-RBH500LA-430		385	RBT50-LBK7-300			430	300		26.60
RBT50-RBH500LA-480		435	RBT50-LBK7-350			480	350		27.80
RBT50-RBH500LA-530		485	RBT50-LBK7-400			530	400		28.90
RBT50-RBH500LA-580		535	RBT50-LBK7-450			580	450		31.10
RBT50-RBH500LA-630		585	RBT50-LBK7-500			630	500		32.30
RBT50-RBH600LA-225	600-900	180	RBT50-FMA47.625-75	RBH600LA	FMA 47.625	225	75	128	30.00
RBT50-RBH900LA-225	900-1200			RBH900LA					38.70
RBT50-RBH1200LA-255	1200-1600	210		RBH1200LA		255			53.60
RBT50-RBH1600LA-255	1600-2000			RBH1600LA					59.00

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

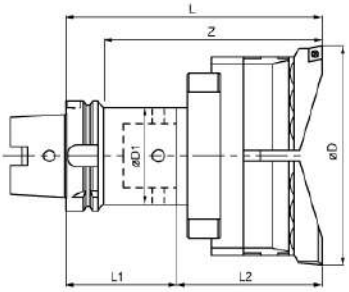
※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

HSK-LBK7 HOLDER + RBH-LA Ø200+ LARGE-DIAMETER MODULAR ROUGH BORING HEAD - Boring Range from Ø200 - Ø2000mm

HSK-LBK7刀柄+Ø200mm以上RBH-LA組合式大徑雙刃粗搪刀

圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 Taper Shank	搪孔範圍ØD mm Boring Range	搪頭長度 L2 mm	刀片規格 Insert	重量 (kg) Weight
	RBH200LA	LBK7	200~310	130	(選配刀片座) Optional Inserts CCMT120408 TCMT16T304 TCMT220408 SCMT120404	10.6
	RBH300LA	LBK7	300~410	130		12.6
	RBH400LA	LBK7	400~510	130		14.6
	RBH500LA	LBK7	500~610	130		16.6
	RBH600LA/7	LBK7	600~900	180		23.0
	RBH900LA/7	LBK7	900~1200	180		31.7
	RBH1200LA/7	LBK7	1200~1600	210		46.6
	RBH1600LA/7	LBK7	1600~2000	210		52.0

Boring diameter Ø200~2000 mm





HSK-LBK7＋RBH-LA

規 格Specifications:

型 號 Type	搪孔範圍 ØD(mm)	有效長 Z(mm)	組合內容 Combinations HSK-LBK7刀桿 HSK-LBK7 holder	RBH-LA刀頭 RBH-LA boring head	接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 ØD1	重量 kg Weight
HSK-A100-RBH200LA-230	200-310	195	HSK-A100-LBK7-100	RBH200LA	7	230	100	88	14.80
HSK-A100-RBH200LA-280		245	HSK-A100-LBK7-150			280	150		16.65
HSK-A100-RBH200LA-330		295	HSK-A100-LBK7-200			330	200		18.64
HSK-A100-RBH200LA-380		345	HSK-A100-LBK7-250			380	250		20.40
HSK-A100-RBH200LA-430		395	HSK-A100-LBK7-300			430	300		22.00
HSK-A100-RBH200LA-480		445	HSK-A100-LBK7-350			480	350		23.54
HSK-A100-RBH200LA-530		495	HSK-A100-LBK7-400			530	400		25.20
HSK-A100-RBH200LA-580		545	HSK-A100-LBK7-450			580	450		26.78
HSK-A100-RBH200LA-630		595	HSK-A100-LBK7-500			630	500		28.30
HSK-A100-RBH300LA-230	300-410	195	HSK-A100-LBK7-100	RBH300LA		230	100		16.80
HSK-A100-RBH300LA-280		245	HSK-A100-LBK7-150			280	150		18.65
HSK-A100-RBH300LA-330		295	HSK-A100-LBK7-200			330	200		20.64
HSK-A100-RBH300LA-380		345	HSK-A100-LBK7-250			380	250		22.40
HSK-A100-RBH300LA-430		395	HSK-A100-LBK7-300			430	300		24.00
HSK-A100-RBH300LA-480		445	HSK-A100-LBK7-350			480	350		25.54
HSK-A100-RBH300LA-530		495	HSK-A100-LBK7-400			530	400		27.20
HSK-A100-RBH300LA-580		545	HSK-A100-LBK7-450			580	450		28.78
HSK-A100-RBH300LA-630		595	HSK-A100-LBK7-500			630	500		30.30
HSK-A100-RBH400LA-230	400-510	195	HSK-A100-LBK7-100	RBH400LA		230	100		18.80
HSK-A100-RBH400LA-280		245	HSK-A100-LBK7-150			280	150		20.65
HSK-A100-RBH400LA-330		295	HSK-A100-LBK7-200			330	200		22.64
HSK-A100-RBH400LA-380		345	HSK-A100-LBK7-250			380	250		24.40
HSK-A100-RBH400LA-430		395	HSK-A100-LBK7-300			430	300		26.00
HSK-A100-RBH400LA-480		445	HSK-A100-LBK7-350			480	350		27.54
HSK-A100-RBH400LA-530		495	HSK-A100-LBK7-400			530	400		29.20
HSK-A100-RBH400LA-580		545	HSK-A100-LBK7-450			580	450		30.78
HSK-A100-RBH400LA-630		595	HSK-A100-LBK7-500			630	500		32.30
HSK-A100-RBH500LA-230	500-610	195	HSK-A100-LBK7-100	RBH500LA		230	100		20.80
HSK-A100-RBH500LA-280		245	HSK-A100-LBK7-150			280	150		22.65
HSK-A100-RBH500LA-330		295	HSK-A100-LBK7-200			330	200		24.64
HSK-A100-RBH500LA-380		345	HSK-A100-LBK7-250			380	250		26.40
HSK-A100-RBH500LA-430		395	HSK-A100-LBK7-300			430	300		28.00
HSK-A100-RBH500LA-480		445	HSK-A100-LBK7-350			480	350		29.54
HSK-A100-RBH500LA-530		495	HSK-A100-LBK7-400			530	400		31.20
HSK-A100-RBH500LA-580		545	HSK-A100-LBK7-450			580	450		32.78
HSK-A100-RBH500LA-630		595	HSK-A100-LBK7-500			630	500		34.30
HSK-A100-RBH600LA/7-280	600-900	245	HSK-A100-LBK7-100	RBH600LA/7		280	100		27.20
HSK-A100-RBH900LA/7-280	900-1200			RBH900LA/7					35.90
HSK-A100-RBH1200LA/7-310	1200-1600	275		RBH1200LA/7		310			50.80
HSK-A100-RBH1600LA/7-310	1600-2000			RBH1600LA/7					56.20

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工。或者請選擇 STABLELINE® 減震系列加工。

※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

CBH Ø200+ LARGE DIAMETER MODULAR FINE BORING HEAD
- Boring Range from Ø200 - Ø2000mm

Ø200以上CBH組合式大徑微調精搪刀系列《搪孔範圍Ø200-Ø2000mm》

Feature

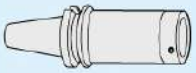
- Suitable for boring ranges from Ø200 mm to Ø2000 mm.
- The same combinations can be used for both rough and fine boring. Large assortment of different cartridges and slides is also available for a wide range of applications. Adjustment range is 110 mm in diameter / Ø300 mm for CBH600 and CBH900 / Ø400 mm for CBH1200 and larger types.
- Insert holders are replaceable.
- Available with customized solutions for Ø2000+ mm boring heads.

- 通用Ø200~Ø2000mm大型孔徑加工使用。
- 粗、精搪刀使用同基礎組件，且可另選配附件搭配使用。加工調整範圍為直徑Ø110mm。CBH600與900調整範圍為Ø300mm，CBH1200以上為Ø400mm。
- 刀片座為可更換式。
- 可依客戶需求訂製2M以上規格。



可更換式刀片座
Replaceable Insert Holders



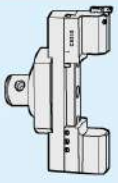
	型號 Type		CBH200	CBH300	CBH400	CBH500	CBH600	CBH900	CBH1200	CBH1600
搪頭型號 Boring Head Type	長 度 Length (mm)		130	130	130	130	150	150	180	180
	整組重量 Total Weight (kg)		8.1	8.9	9.7	10.5	15.8	22.1	34.6	39.8
	加工直徑 Boring Diameter øD (mm)		200-310	300-410	400-510	500-610	600-900	900-1200	1200-1600	1600-2000
組合型式 Combinations	接合刀桿 Taper Shank		RBT50 / SK50 / HSK100A-LBK7				BT50-FMA-47.625			
	連接盤 Adaptor		LBK7-BR200				BR600	BR900	BR1200	BR1600
	重量 (kg) Weight		合金鋼 Alloy Steel				鋁合金Alum. Alloy			
			3.8				8.8	13.5	24.4	29.6
	橫向滑板(鋁合金) Bridge (Al Alloy)		RST200	RST300	RST400	RST500	RST300 x 2 pcs	RST400 x 2 pcs	RST500 x 2 pcs	
	重量 (kg) Weight		1.1	1.9	2.7	3.5	3.8	5.4	7	
	平衡滑塊 Counter Weight		RBN200							
	重量 (kg) Weight		1.6 kg							
	微調滑塊 Fine Boring Head		CB200							
	重量 (kg) Weight		1.6 kg							
	適合刀片 Applicable Insert		TP08/Ø3.2xM2/T6, TP09/M2.5/T8, TC11/M2.5/T8, TC11/M3/T9, CC09/M4/T15							

※此規格不含刀桿。 ※Tool holders are not included.

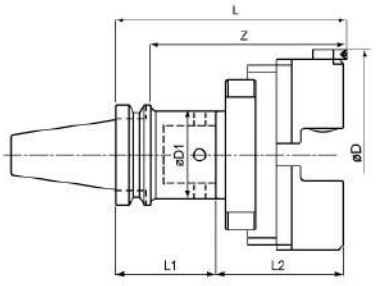
RBT-LBK7 HOLDER + CBH Ø200+ LARGE-DIAMETER MODULAR FINE BORING HEAD

- Boring Range from Ø200 - Ø2000mm

RBT-LBK7刀柄+Ø200mm以上CBH組合式大孔徑微調精搪刀《搪孔範圍Ø200-Ø2000mm》

圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 Taper Shank	搪孔範圍 øD(mm) Boring Range	搪頭長度 L2 mm	刀片規格 / 螺絲 / 刀片扳手 Insert/Clamping Screw/Wrench	重量 (kg) Weight
	CBH200	LBK7	200-310	130	可更換式刀片座 Replaceable insert holder TP08/Ø3.2x2/T6 TP09/M2.5/T8 TC11/M2.5/T8 TP11/M3/T9 CC09/M4/T15	8.1
	CBH300	LBK7	300-410	130		8.9
	CBH400	LBK7	400-510	130		9.7
	CBH500	LBK7	500-610	130		10.5
	CBH600	FMA-47.625	600-900	150		15.8
	CBH900	FMA-47.625	900-1200	150		22.1
	CBH1200	FMA-47.625	1200-1600	180		34.6
	CBH1600	FMA-47.625	1600-2000	180		39.8

Boring diameter Ø200~2000 mm





RBT-LBK7+CBH

規 格Specifications:

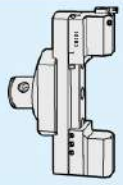
型 號 Type	搪孔範圍 øD(mm)	有效長 Z(mm)	組合內容 Combinations RBT-LBK7刀桿 RBT-LBK7 holder	CBH刀頭 CBH Type	接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg Weight
RBT50-CBH200-230	200-310	185	RBT50-LBK7-100	CBH200	7	230	100	88	12.90
RBT50-CBH200-280		235	RBT50-LBK7-150			280	150		14.60
RBT50-CBH200-330		285	RBT50-LBK7-200			330	200		16.10
RBT50-CBH200-380		335	RBT50-LBK7-250			380	250		17.10
RBT50-CBH200-430		385	RBT50-LBK7-300			430	300		18.10
RBT50-CBH200-480		435	RBT50-LBK7-350			480	350		19.30
RBT50-CBH200-530		485	RBT50-LBK7-400			530	400		20.40
RBT50-CBH200-580		535	RBT50-LBK7-450			580	450		22.60
RBT50-CBH200-630		585	RBT50-LBK7-500			630	500		23.80
RBT50-CBH300-230	300-410	185	RBT50-LBK7-100	CBH300		230	100		13.70
RBT50-CBH300-280		235	RBT50-LBK7-150			280	150		15.40
RBT50-CBH300-330		285	RBT50-LBK7-200			330	200		16.90
RBT50-CBH300-380		335	RBT50-LBK7-250			380	250		17.90
RBT50-CBH300-430		385	RBT50-LBK7-300			430	300		18.90
RBT50-CBH300-480		435	RBT50-LBK7-350			480	350		20.10
RBT50-CBH300-530		485	RBT50-LBK7-400			530	400		21.20
RBT50-CBH300-580		535	RBT50-LBK7-450			580	450		23.40
RBT50-CBH300-630		585	RBT50-LBK7-500			630	500		24.60
RBT50-CBH400-230	400-510	185	RBT50-LBK7-100	CBH400		230	100		14.50
RBT50-CBH400-280		235	RBT50-LBK7-150			280	150		16.20
RBT50-CBH400-330		285	RBT50-LBK7-200			330	200		17.70
RBT50-CBH400-380		335	RBT50-LBK7-250			380	250		18.70
RBT50-CBH400-430		385	RBT50-LBK7-300			430	300		19.70
RBT50-CBH400-480		435	RBT50-LBK7-350			480	350		20.90
RBT50-CBH400-530		485	RBT50-LBK7-400			530	400		22.00
RBT50-CBH400-580		535	RBT50-LBK7-450			580	450		24.20
RBT50-CBH400-630		585	RBT50-LBK7-500			630	500		25.40
RBT50-CBH500-230	500-610	185	RBT50-LBK7-100	CBH500		230	100		15.30
RBT50-CBH500-280		235	RBT50-LBK7-150			280	150		17.00
RBT50-CBH500-330		285	RBT50-LBK7-200			330	200		18.50
RBT50-CBH500-380		335	RBT50-LBK7-250			380	250		19.50
RBT50-CBH500-430		385	RBT50-LBK7-300			430	300		20.50
RBT50-CBH500-480		435	RBT50-LBK7-350			480	350		21.90
RBT50-CBH500-530		485	RBT50-LBK7-400			530	400		22.80
RBT50-CBH500-580		535	RBT50-LBK7-450			580	450		25.00
RBT50-CBH500-630		585	RBT50-LBK7-500			630	500		26.20
RBT50-CBH600-225	600-900	180	RBT50-FMA47.625-75	CBH600	FMA 47.625	225	75	128	22.80
RBT50-CBH900-225	900-1200			CBH900					29.10
RBT50-CBH1200-255	1200-1600	210		CBH1200		255			41.60
RBT50-CBH1600-255	1600-2000			CBH1600					46.80

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工，或者請選擇 STABLELINE® 減震系列加工。

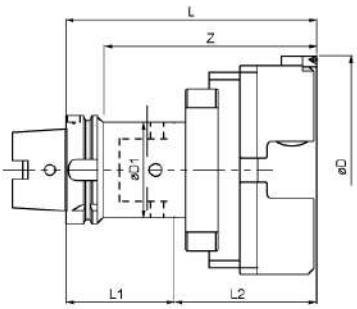
※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

HSK-LBK7 HOLDER + CBH Ø200+ LARGE-DIAMETER MODULAR FINE BORING HEAD
- Boring Range from Ø200 - Ø2000mm

HSK-LBK7刀柄+Ø200mm以上CBH組合式大孔徑微調精搪刀《搪孔範圍Ø200-Ø2000mm》

圖 示 Pictures	搪頭型號 Boring Head Type	接合型號 Taper Shank	搪孔範圍 øD(mm) Boring Range	搪頭長度 L2 mm	刀片規格 / 螺絲 / 刀片扳手 Insert/Clamping Screw/Wrench	重量 (kg) Weight
	CBH200	LBK7	200-310	130	可更換式刀片座 Replaceable insert holder TP08/Ø3.2x2/T6 TP09/M2.5/T8 TC11/M2.5/T8 TP11/M3/T9 CC09/M4/T15	8.1
	CBH300	LBK7	300-410	130		8.9
	CBH400	LBK7	400-510	130		9.7
	CBH500	LBK7	500-610	130		10.5
	CBH600/7	LBK7	600-900	180		15.8
	CBH900/7	LBK7	900-1200	180		22.1
	CBH1200/7	LBK7	1200-1600	210		34.6
	CBH1600/7	LBK7	1600-2000	210		39.8

Boring diameter Ø200~2000 mm





HSK-LBK7+CBH

規格Specifications:

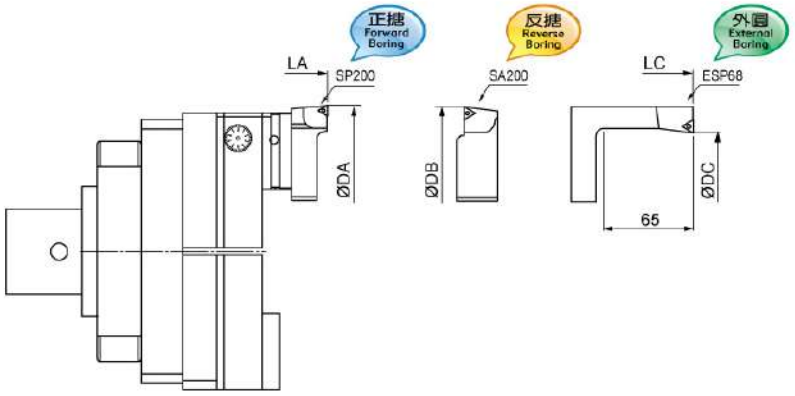
型號 Type	搪孔範圍 ØD(mm)	有效長 Z(mm)	組合內容 Combinations HSK-LBK7刀桿 HSK-LBK7 holder	組合內容 Combinations CBH刀頭 CBH Type	接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 ØD1	重量 kg Weight
HSK-A100-CBH200-230	200-310	185	HSK-A100-LBK7-100	CBH200	7	230	100	88	12.30
HSK-A100-CBH200-280		235	HSK-A100-LBK7-150			280	150		14.15
HSK-A100-CBH200-330		285	HSK-A100-LBK7-200			330	200		16.14
HSK-A100-CBH200-380		335	HSK-A100-LBK7-250			380	250		17.90
HSK-A100-CBH200-430		385	HSK-A100-LBK7-300			430	300		19.50
HSK-A100-CBH200-480		435	HSK-A100-LBK7-350			480	350		21.04
HSK-A100-CBH200-530		485	HSK-A100-LBK7-400			530	400		22.70
HSK-A100-CBH200-580		535	HSK-A100-LBK7-450			580	450		24.28
HSK-A100-CBH200-630		585	HSK-A100-LBK7-500			630	500		25.80
HSK-A100-CBH300-230	300-410	185	HSK-A100-LBK7-100	CBH300		230	100		13.10
HSK-A100-CBH300-280		235	HSK-A100-LBK7-150			280	150		14.95
HSK-A100-CBH300-330		285	HSK-A100-LBK7-200			330	200		16.94
HSK-A100-CBH300-380		335	HSK-A100-LBK7-250			380	250		18.70
HSK-A100-CBH300-430		385	HSK-A100-LBK7-300			430	300		20.30
HSK-A100-CBH300-480		435	HSK-A100-LBK7-350			480	350		21.84
HSK-A100-CBH300-530		485	HSK-A100-LBK7-400			530	400		23.50
HSK-A100-CBH300-580		535	HSK-A100-LBK7-450			580	450		25.08
HSK-A100-CBH300-630		585	HSK-A100-LBK7-500			630	500		26.60
HSK-A100-CBH400-230	400-510	185	HSK-A100-LBK7-100	CBH400		230	100		13.90
HSK-A100-CBH400-280		235	HSK-A100-LBK7-150			280	150		15.75
HSK-A100-CBH400-330		285	HSK-A100-LBK7-200			330	200		17.74
HSK-A100-CBH400-380		335	HSK-A100-LBK7-250			380	250		19.50
HSK-A100-CBH400-430		385	HSK-A100-LBK7-300			430	300		21.10
HSK-A100-CBH400-480		435	HSK-A100-LBK7-350			480	350		22.64
HSK-A100-CBH400-530		485	HSK-A100-LBK7-400			530	400		24.30
HSK-A100-CBH400-580		535	HSK-A100-LBK7-450			580	450		25.88
HSK-A100-CBH400-630		585	HSK-A100-LBK7-500			630	500		27.40
HSK-A100-CBH500-230	500-610	185	HSK-A100-LBK7-100	CBH500		230	100		14.70
HSK-A100-CBH500-280		235	HSK-A100-LBK7-150			280	150		16.55
HSK-A100-CBH500-330		285	HSK-A100-LBK7-200			330	200		18.54
HSK-A100-CBH500-380		335	HSK-A100-LBK7-250			380	250		20.30
HSK-A100-CBH500-430		385	HSK-A100-LBK7-300			430	300		21.90
HSK-A100-CBH500-480		435	HSK-A100-LBK7-350			480	350		23.44
HSK-A100-CBH500-530		485	HSK-A100-LBK7-400			530	400		25.10
HSK-A100-CBH500-580		535	HSK-A100-LBK7-450			580	450		26.68
HSK-A100-CBH500-630		585	HSK-A100-LBK7-500			630	500		28.20
HSK-A100-CBH600/7-280	600-900	245	HSK-A100-LBK7-100	CBH600/7		280	100		20.00
HSK-A100-CBH900/7-280	900-1200			CBH900/7					26.30
HSK-A100-CBH1200/7-310	1200-1600	275		CBH1200/7		310			38.80
HSK-A100-CBH1600/7-310	1600-2000			CBH1600/7					44.00

※ 有效長如果超出刀桿外徑5倍(øD1)時，需降低轉速以及使用R角0.2的刀片才能加工，或者請選擇 STABLELINE® 減震系列加工。
※ For long overhangs (>5 x ØD1), reduce cutting federate and choose insert nose radius R: 0.2 mm to avoid vibration. Or use dedicated tools STABLELINE® series that provides best performance.

CBM LARGE DIAMETER MODULAR ADJUSTMENT BORING HEAD WITH DIAMETER OVER 200MM
Ø200以上CBM組合式大徑精密微調搪孔刀系列

搪孔範圍 Boring Range

正搪 Forward Boring Ø200 - Ø2000 mm
反搪 Reverse Boring Ø210 - Ø2010 mm
外圓 External Boring Ø190 - Ø2010 mm



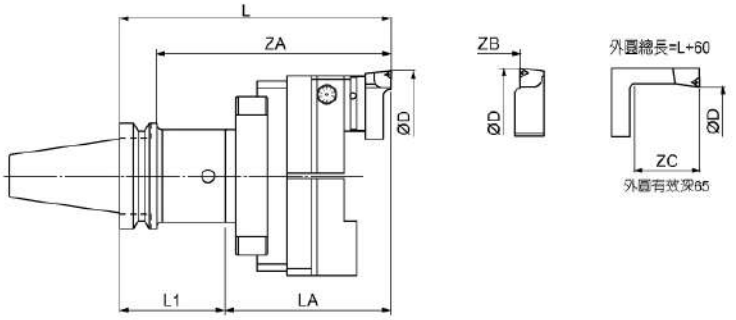


	型號 Type	CBM200	CBM300	CBM400	CBM500	CBM600	CBM900	CBM1200	CBM1600
搪頭型號 Boring Head Type	正反搪頭長度 LA (mm) Length	160	160	160	160	180	180	210	210
	整組重量 Total Weight (kg)	8.78	9.58	10.38	11.18	16.48	22.78	35.05	40.25
	正搪加工直徑 ØDA(mm) Forward Boring Diameter	200-310	300-410	400-510	500-610	600-900	900-1200	1200-1600	1600-2000
	反搪加工直徑 ØDB(mm) Reverse Boring Diameter	210-320	310-420	410-520	510-620	610-910	910-1210	1210-1610	1610-2010
	外圓加工直徑 ØDC(mm) External Boring Diameter	190-310	290-410	390-510	490-610	590-910	890-1210	1190-1610	1590-2010
	外圓搪頭長度 LC (mm) External Boring Length	220	220	220	220	240	240	270	270
組合型式 Combinations	接合刀桿 Taper Shank	RBT50 / SK50 / HSK100A-LBK7				BT50-FMA47.625			
	連接盤 Adaptor	LBK7-BR200				BR600	BR900	BR1200	BR1600
		合金鋼 Alloy Steel				鋁合金 Alum. Alloy			
		3.8				8.8	13.5	24.4	29.6
	橫向滑板(鋁合金) Bridge (Al Alloy)	RST200	RST300	RST400	RST500	RST300x 2只(pieces)	RST400x 2只(pieces)	RST500 x 2只(pieces)	
	重量Weight(kg)	1.1	1.9	2.7	3.5	3.8	5.4	7	
	平衡滑塊/重量 Counter Weight	RCM200 / 1.7 KG							
	微調滑塊/重量 Fine Boring Head	CM200 / 1.95 KG							
	刀片座 Insert Holder	正搪 Forward Boring SP200 / 反搪 Reverse Boring SA200 / 外圓 External Boring ESP68							
	適合刀片 Applicable Insert	CC09 / M4 / T15, TP09 / M2.5 / T8, TC11 / M2.5 / T8							

※反搪刀片座SA200與外圓刀片座ESP68為選配。
※此搪頭型號不含刀桿。

※Option of SA200 reverse cutting insert holder and ESP68 external cutting insert holder.
※Arbor is not included.

CBM LARGE DIAMETER MODULAR ADJUSTMENT BORING HEAD WITH DIAMETER OVER 200MM + LBK HOLDER
Ø200以上CBM組合式大徑精密微調搪孔刀+LBK刀柄





SP: 正搪 Forward Boring　SA: 反搪 Reverse Boring　ESP: 外圓 External Boring

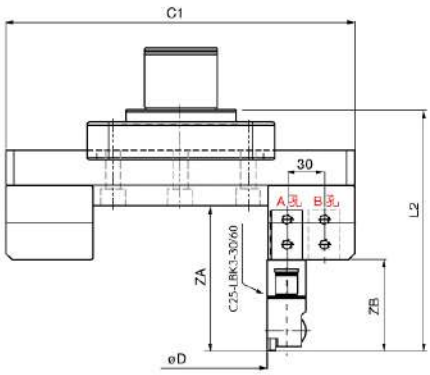
組合內容 Tool Connection		正搪 Forward Boring			反搪 Reverse Boring			外圓 External Boring		重量(kg) Weight
搪頭型號 Type	刀桿 LBK7 Holder	搪孔範圍 ØD(mm) Boring Range	有效長 ZA(mm)	總長 L(mm)	搪孔範圍 ØD(mm) Boring Range	有效長 ZB(mm)	總長 L(mm)	搪孔範圍 ØD(mm) Boring Range	有效長 ZC(mm)	
CBM200-SP200 CBM200-SA200 CBM200-ESP68	RBT50-LBK7-100	200-310	215	260	210-320	190	260	190-310	65	13.58
	RBT50-LBK7-150		265	310		240	310			15.28
	RBT50-LBK7-200		315	360		290	360			16.78
	RBT50-LBK7-250		365	410		340	410			17.78
	RBT50-LBK7-300		415	460		390	460			18.78
	RBT50-LBK7-350		465	510		440	510			20.78
	RBT50-LBK7-400		515	560		490	560			22.78
	RBT50-LBK7-450		565	610		540	610			25.88
	RBT50-LBK7-500		615	660		590	660			27.48
CBM300-SP200 CBM300-SA200 CBM300-ESP68	RBT50-LBK7-100	300-410	215	260	310-420	190	260	290-410		14.38
	RBT50-LBK7-150		265	310		240	310			16.08
	RBT50-LBK7-200		315	360		290	360			17.58
	RBT50-LBK7-250		365	410		340	410			18.58
	RBT50-LBK7-300		415	460		390	460			19.58
	RBT50-LBK7-350		465	510		440	510			21.58
	RBT50-LBK7-400		515	560		490	560			23.58
	RBT50-LBK7-450		565	610		540	610			26.68
	RBT50-LBK7-500		615	660		590	660			28.28
CBM400-SP200 CBM400-SA200 CBM400-ESP68	RBT50-LBK7-100	400-510	215	260	410-520	190	260	390-510		15.18
	RBT50-LBK7-150		265	310		240	310			16.88
	RBT50-LBK7-200		315	360		290	360			18.38
	RBT50-LBK7-250		365	410		340	410			19.38
	RBT50-LBK7-300		415	460		390	460			20.38
	RBT50-LBK7-350		465	510		440	510			22.38
	RBT50-LBK7-400		515	560		490	560			24.38
	RBT50-LBK7-450		565	610		540	610			27.48
	RBT50-LBK7-500		615	660		590	660			29.08
CBM500-SP200 CBM500-SA200 CBM500-ESP68	RBT50-LBK7-100	500-610	215	260	510-620	190	260	490-610		15.98
	RBT50-LBK7-150		265	310		240	310			17.68
	RBT50-LBK7-200		315	360		290	360			19.18
	RBT50-LBK7-250		365	410		340	410			20.18
	RBT50-LBK7-300		415	460		390	460			21.18
	RBT50-LBK7-350		465	510		440	510			23.18
	RBT50-LBK7-400		515	560		490	560			25.18
	RBT50-LBK7-450		565	610		540	610			28.28
	RBT50-LBK7-500		615	660		590	660			29.88
CBM600-SP200 CBM600-SA200 CBM600-ESP68	BT50-FMA47.625-75	600-900	210	260	610-910	185	260	590-910		23.5
CBM900-SP200 CBM900-SA200 CBM900-ESP68		900-1200			910-1210			890-1210		29.8
CBM1200-SP200 CBM1200-SA200 CBM1200-ESP68		1200-1600	240	290	1210-1610	215	290	1190-1610		42.1
CBM1600-SP200 CBM1600-SA200 CBM1600-ESP68		1600-2000			1610-2010			1590-2010		47.3

※另有BT50-LBK7-300L~500L刀桿系統可選配，剛性更好。

CBR Ø200+ MODULAR EXTERNAL FINE BORING HEAD

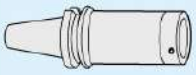
《O.D. Boring Range : Ø10 - Ø1950mm》

Ø200以上CBR組合式外圓微調精搪刀系列





※加工時需反轉。 ※For O.D. boring, change spindle direction to counter-clockwise.

	型號 Type		CBR200	CBR300	CBR400	CBR500	CBR600	CBR900	CBR1200	CBR1600
搪頭型號 Boring Head Type	搪頭長度 L2 (mm)		190/220				210/240		230/270	
	有效長	ZA (mm)	115/145							
		ZB (mm)	70/100							
	C1 (mm)		180	280	380	480	580	880	1180	1580
	整組重量(kg) Total Weight (kg)		8.1	9.1	9.9	10.7	16	22.3	35	40
	加工直徑 øD (mm) Boring Diameter	A孔 A Hole	10-90	10-190	10-290	10-390	200-490	200-790	400-1090	800-1490
		B孔 B Hole	70-150	70-250	70-350	70-450	400-850	500-1150	700-1550	1100-1950
組合型式 Combinations	接合刀桿 Taper Shank		RBT50 / SK50 / HSK100A-LBK7				BT50-FMA-47.625			
	連接盤 Adaptor		LBK7-BR200				BR600	BR900	BR1200	BR1600
	重量 (kg) Weight		合金鋼 Alloy Steel				鋁合金 Alum. Alloy			
			3.8 kg				8.8	13.5	24.4	29.6
	橫向滑板(鋁合金) Bridge (Al Alloy)		RST200	RST300	RST400	RST500	RST300 x 2 pcs	RST400 x 2 pcs	RST500 x 2 pcs	
	重量 (kg) Weight		1.1	1.9	2.7	3.5	3.8	5.4	7	
	平衡滑塊 Counter Weight		RBN200							
	重量 (kg) Weight		1.6 kg							
	外圓滑塊 Slide		HBR200							
	重量 (kg) Weight		1.3 kg							
	外圓用接桿 Boring Head Adaptor		C25-LBK3-30				C25-LBK3-60			
	重量 (kg) Weight		0.3				0.5			
	接合刀頭 Applicable Boring Heads		CBH32							

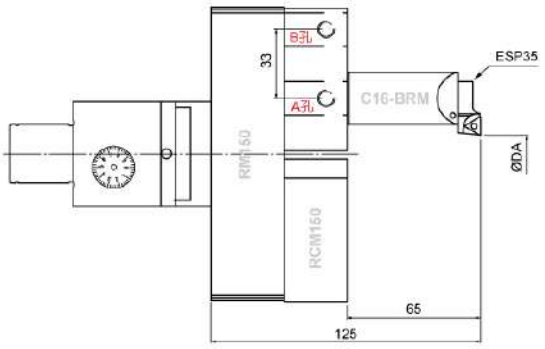
※此規格不含刀桿。 Tool holders are not included.

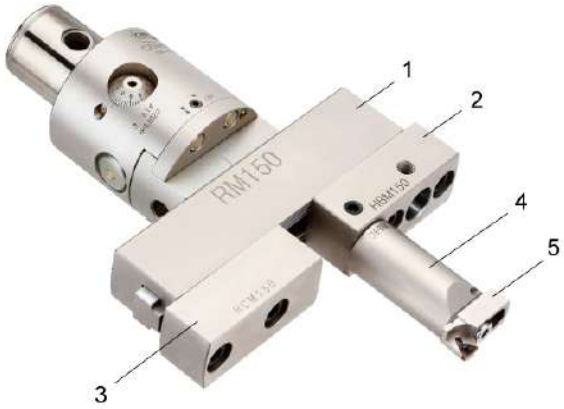
※CBM35 + ESP35-TP09刀片座正轉加工。 ※Spindle turned clockwise when using CBM35+ESP35-TP09 boring head set.

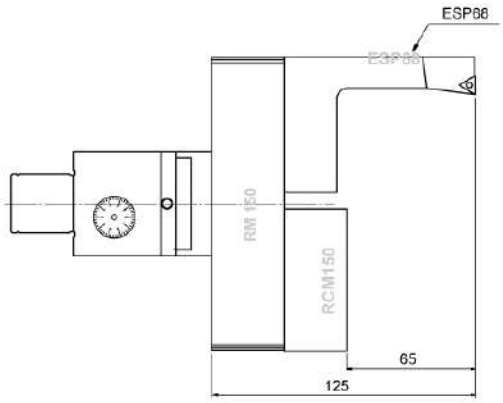
CBM55/68/100 MODULAR ASSEMBLIES EXTERNAL BORING

- Boring Range from Ø5 - Ø200mm

CBM55/68/100專用外圓組件RM150套組《搪孔範圍Ø5-Ø200mm》





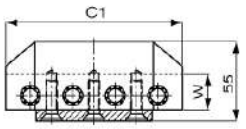




	接合搪頭 Applicable Boring Heads	CBM55	CBM68	CBM100
組合型式	接合刀桿 Taper Shank	LBK5	LBK6	LBK7
	整組重量 Total Weight (kg)	2.65	3.54	4.21
	有效長 Length Z(mm)	65		
	加工直徑 Boring Diameter øD (mm)	固定A孔加工範圍ø5-ø60/固定B孔加工範圍ø60-ø120 外圓刀片座 ESP68 加工範圍ø120-ø200 Working Range of Fixed Hole A for Ø5-ø60/ Working Range of Fixed Hole B for Ø60-ø120/ ESP68 External Cutting Insert Holder Boring Ranges for Ø120-ø200		
Module	組件1. 外圓轉接板 External Boring Adapter Plate	RM150		
	組件2. 外圓搪桿座 External Boring Clamp Base	HBM150		
	組件3. 外圓平衡塊 External Boring Balance Base	RCM150		
	組件4. 刀片座轉接桿 Adapter for Insert Holder	C16-BRM		
	組件5. 刀片座 External Boring Insert Holder 適合刀片/螺絲/扳手 Insert/Clamp Screw/Wrench	ESP35,	TP09 / M2.5 / T8 CC06 / M2.5 / T8	
	組件6. 外圓專用刀片座 External Boring Insert Holder 適合刀片/螺絲/扳手 Insert/Clamp Screw/Wrench	ESP68,	TP09 / M2.5 / T8 CC09 / M4 / T15	

※RM150套組不含CBM搪孔頭。 ※CBM boring head is not included in kit RM150.

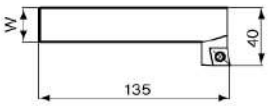
WBST SQUARE BORING HOLDER
WBST四方柄搪孔刀架



搪孔刀架型號 Type	接合型號 LBK No.	搪孔範圍 ØD mix-max External Diameter (mm)	搪頭長度 L2 Length(mm)	寬度C1 (mm)	□W (mm)	重量 Weight (kg) 合金鋼 Alloy Steel	重量 Weight (kg) 鋁合金 Alum. Alloy
WBST150	BST	150-260	55	125	25	2.5	1.03
WBST200	BST	200-310	55	175	25	3.6	1.50
WBST300	BST	300-410	55	275	25	6.0	2.34
WBST400	BST	400-510	55	375	25	8.3	3.17

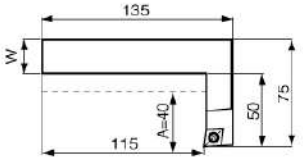
※另有LBK7配件可供選用。 ※Available with LBK7 accessories (option).

SQUARE SHANK BORING TOOL FOR WBST HOLDER
WBST刀盤專用四方柄搪刀



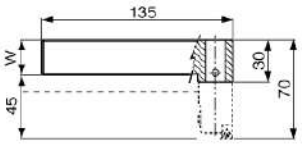
型號 Type	□W (mm)	全長 L (mm)	適用刀片 Applicable Insert Holder	刀片螺絲 Clamp Screw	重量 kg Weight
BSB25-T16-135	25	135	TCMT16T304	M4	0.67
BSB25-T22-135	25	135	TCMT220408	M5	0.67
BSB25-C12-135	25	135	CCMT120408	M5	0.67
BSB25-S12-135	25	135	SCMT120404	M5	0.67

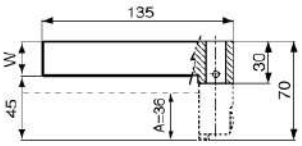
SQUARE SHANK EXTERNAL BORING TOOL FOR WBST HOLDER
WBST刀盤專用四方柄外圓搪刀



型號 Type	□W (mm)	全長 L (mm)	加工深 A (mm)	適用刀片 Applicable Insert Holder	刀片螺絲 Clamp Screw	重量 kg Weight
EBSB25-T16-135-50	25	135	40	TCMT16T304	M4	0.8
EBSB25-C12-135-50	25	135	40	CCMT120404	M5	0.8

INTERNAL & EXTERNAL SQUARE SHANK BORING TOOL FOR WBST HOLDER
WBST刀盤專用四方柄內外圓精搪孔刀架







型號 Type	□W (mm)	全長 L (mm)	加工深 A (mm)	適用搪頭 Applicable Boring Heads	適用刀片 Applicable Insert Holder	刀片螺絲 Length	重量 kg Weight
BSB25-LBK2-135	25	135	36	CBH25	TP08	Ø3.2xM2	0.63
BSB25-LBK2-235	25	235	36	CBH25	TP08	Ø3.2xM2	1.20

※此規格不含搪刀頭 ※Boring head is not included.

WBST Ø150+ LARGE DIAMETER SQUARE SHANK BORING TOOL +BST HOLDER - Boring Range from Ø150 - Ø510mm

Ø150以上WBST四方柄大徑搪刀+BST刀柄《搪孔範圍Ø150-Ø510mm》



WBST四方柄搪孔刀架+BST刀柄+BSB25四方柄搪刀

WBST Square Boring Holder + BST Holder+ BST25 Square Shank Boring Tool

型號 Type	搪孔範圍 øD(mm)	有效長 Z	組合內容 Tool Connection		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 (kg)	
			BST刀桿 BST Holder	WBST刀架 WBST Holder					合金鋼 Alloy Steel	鋁合金 Alum. Alloy
BT40-WBST150-125	150-260	90	BT40-BST-70	WBST150	BST	125	70	95	5.7	4.3
BT40-WBST200-125	200-310	90	BT40-BST-70	WBST200	BST	125	70	95	6.8	4.7
BT50-WBST150-155	150-260	110	BT50-BST-100	WBST150	BST	155	100	95	7.6	6.2
BT50-WBST150-205	150-260	160	BT50-BST-150	WBST150	BST	205	150	95	9.3	7.9
BT50-WBST150-255	150-260	210	BT50-BST-200	WBST150	BST	255	200	95	12.1	10.7
BT50-WBST150-305	150-260	260	BT50-BST-250	WBST150	BST	305	250	95	14	12.6
BT50-WBST150-355	150-260	310	BT50-BST-300	WBST150	BST	355	300	95	16	15.5
BT50-WBST150-405	150-260	360	BT50-BST-350	WBST150	BST	405	350	95	18.6	17.9
BT50-WBST150-455	150-260	410	BT50-BST-400	WBST150	BST	455	400	95	21.8	20.4
BT50-WBST200-155	200-310	110	BT50-BST-100	WBST200	BST	155	100	95	8.7	6.6
BT50-WBST200-205	200-310	160	BT50-BST-150	WBST200	BST	205	150	95	10.4	8.3
BT50-WBST200-255	200-310	210	BT50-BST-200	WBST200	BST	255	200	95	13.2	11.1
BT50-WBST200-305	200-310	260	BT50-BST-250	WBST200	BST	305	250	95	15.1	13.0
BT50-WBST200-355	200-310	310	BT50-BST-300	WBST200	BST	355	300	95	17.1	15.9
BT50-WBST200-405	200-310	360	BT50-BST-350	WBST200	BST	405	350	95	19.7	18.3
BT50-WBST200-455	200-310	410	BT50-BST-400	WBST200	BST	455	400	95	22.9	20.8
BT50-WBST300-155	300-410	110	BT50-BST-100	WBST300	BST	155	100	95	11.1	7.5
BT50-WBST300-205	300-410	160	BT50-BST-150	WBST300	BST	205	150	95	12.8	9.2
BT50-WBST300-255	300-410	210	BT50-BST-200	WBST300	BST	255	200	95	15.6	12.0
BT50-WBST300-305	300-410	260	BT50-BST-250	WBST300	BST	305	250	95	17.5	13.9
BT50-WBST300-355	300-410	310	BT50-BST-300	WBST300	BST	355	300	95	19.5	16.8
BT50-WBST300-405	300-410	360	BT50-BST-350	WBST300	BST	405	350	95	22.1	19.2
BT50-WBST300-455	300-410	410	BT50-BST-400	WBST300	BST	455	400	95	25.3	21.7
BT50-WBST400-155	400-510	110	BT50-BST-100	WBST400	BST	155	100	95	13.4	8.3
BT50-WBST400-205	400-510	160	BT50-BST-150	WBST400	BST	205	150	95	15.1	10.0
BT50-WBST400-255	400-510	210	BT50-BST-200	WBST400	BST	255	200	95	17.9	12.8
BT50-WBST400-305	400-510	260	BT50-BST-250	WBST400	BST	305	250	95	19.8	14.7
BT50-WBST400-355	400-510	310	BT50-BST-300	WBST400	BST	355	300	95	21.8	17.6
BT50-WBST400-405	400-510	360	BT50-BST-350	WBST400	BST	405	350	95	24.4	20.0
BT50-WBST400-455	400-510	410	BT50-BST-400	WBST400	BST	455	400	95	27.6	22.5

※此規格不含BSB25四方柄搪刀。 ※BSB25 square shank boring tools are not included.
※另有LBK7配件可供選用。 ※Available with LBK7 accessories (option).

WBST Ø150+ LARGE DIAMETER SQUARE SHANK BORING TOOL +BST HOLDER FOR EXTERNAL BORING Boring Range from Ø80 - Ø450mm

Ø150以上WBST四方柄大徑搪刀+BST刀柄外圓加工用《搪孔範圍Ø80-Ø450mm》



WBST四方柄搪孔刀架+BST刀柄+EBSB25四方柄外圓搪刀

WBST Square Boring Holder + BST Holder + EBSB25 Square Shank External Boring Tool

※加工時需反轉。 ※ For O.D. boring, change spindle direction to counter-clockwise.

型號 Type	搪孔範圍 øD(mm)	有效長 Z	加工深 A	組合內容 Tool Connection		接合型號 LBK No.	全長 L	刀桿長 L1	刀桿外徑 øD1	重量 kg	
				BST刀桿 BST shank	WBST刀架 WBST Tool Rest					合金鋼 Alloy Steel	鋁合金 Alum. Alloy
BT40-WBST150-125	80-200	90	40/36	BT40-BST-70	WBST150	BST	125	70	95	5.7	4.3
BT40-WBST200-125	130-250	90	40/36	BT40-BST-70	WBST200	BST	125	70	95	6.8	4.7
BT50-WBST150-155	80-200	110	40/36	BT50-BST-100	WBST150	BST	155	100	95	7.6	6.2
BT50-WBST150-205	80-200	160	40/36	BT50-BST-150	WBST150	BST	205	150	95	9.3	7.9
BT50-WBST150-255	80-200	210	40/36	BT50-BST-200	WBST150	BST	255	200	95	12.1	10.7
BT50-WBST150-305	80-200	260	40/36	BT50-BST-250	WBST150	BST	305	250	95	14	12.6
BT50-WBST150-355	80-200	310	40/36	BT50-BST-300	WBST150	BST	355	300	95	16	15.5
BT50-WBST150-405	80-200	360	40/36	BT50-BST-350	WBST150	BST	405	350	95	18.6	17.9
BT50-WBST150-455	80-200	410	40/36	BT50-BST-400	WBST150	BST	455	400	95	21.8	20.4
BT50-WBST200-155	130-250	110	40/36	BT50-BST-100	WBST200	BST	155	100	95	8.7	6.6
BT50-WBST200-205	130-250	160	40/36	BT50-BST-150	WBST200	BST	205	150	95	10.4	8.3
BT50-WBST200-255	130-250	210	40/36	BT50-BST-200	WBST200	BST	255	200	95	13.2	11.1
BT50-WBST200-305	130-250	260	40/36	BT50-BST-250	WBST200	BST	305	250	95	15.1	13.0
BT50-WBST200-355	130-250	310	40/36	BT50-BST-300	WBST200	BST	355	300	95	17.1	15.9
BT50-WBST200-405	130-250	360	40/36	BT50-BST-350	WBST200	BST	405	350	95	19.7	18.3
BT50-WBST200-455	130-250	410	40/36	BT50-BST-400	WBST200	BST	455	400	95	22.9	20.8
BT50-WBST300-155	230-350	110	40/36	BT50-BST-100	WBST300	BST	155	100	95	11.1	7.5
BT50-WBST300-205	230-350	160	40/36	BT50-BST-150	WBST300	BST	205	150	95	12.8	9.2
BT50-WBST300-255	230-350	210	40/36	BT50-BST-200	WBST300	BST	255	200	95	15.6	12.0
BT50-WBST300-305	230-350	260	40/36	BT50-BST-250	WBST300	BST	305	250	95	17.5	13.9
BT50-WBST300-355	230-350	310	40/36	BT50-BST-300	WBST300	BST	355	300	95	19.5	16.8
BT50-WBST300-405	230-350	360	40/36	BT50-BST-350	WBST300	BST	405	350	95	22.1	19.2
BT50-WBST300-455	230-350	410	40/36	BT50-BST-400	WBST300	BST	455	400	95	25.3	21.7
BT50-WBST400-155	330-450	110	40/36	BT50-BST-100	WBST400	BST	155	100	95	13.4	8.3
BT50-WBST400-205	330-450	160	40/36	BT50-BST-150	WBST400	BST	205	150	95	15.1	10.0
BT50-WBST400-255	330-450	210	40/36	BT50-BST-200	WBST400	BST	255	200	95	17.9	12.8
BT50-WBST400-305	330-450	260	40/36	BT50-BST-250	WBST400	BST	305	250	95	19.8	14.7
BT50-WBST400-355	330-450	310	40/36	BT50-BST-300	WBST400	BST	355	300	95	21.8	17.6
BT50-WBST400-405	330-450	360	40/36	BT50-BST-350	WBST400	BST	405	350	95	24.4	20.0
BT50-WBST400-455	330-450	410	40/36	BT50-BST-400	WBST400	BST	455	400	95	27.6	22.5

※此規格不含EBSB25四方柄外圓搪刀。 ※拆掉護蓋，有效深可達到45mm，最小搪孔範圍可達到Ø10mm。 ※另有LBK7配件可供選用。
※EBSB25 square shank external boring tools are not included.
※Remove cover plate to achieve effective boring depth of 45 mm, and minimum boring diameter of Ø10 mm.
※Available with LBK7 accessories (option).

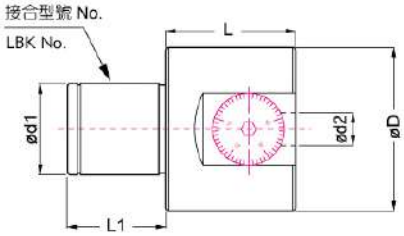
SMALL DIAMETER FINE BORING HEAD TYPE CBI
- Boring Range from Ø3 - Ø50mm **CBI小徑微調精搪刀系列**



Feature

- Choose between small-diameter boring operations (Ø3~ Ø50 mm) and boring operations with SBJ tungsten carbide boring tool (Ø3~ Ø14 mm).
- The dial has 50 divisions, representing 0.010 mm/diameter. The sub-dial makes it possible for finer adjustment.
- High-precision internal lead screw with inner lubrication is free from the effects of chips, corrosion, and rust, ensuring high precision and durability.

- CBI小徑精搪刀有三種選擇，通用於Ø3~Ø50mm小孔徑使用，如使用碳化鎢小徑搪刀SBJ可加工Ø3~Ø14mm小孔。
- 調整刻度為圓周50等分，每格調整尺寸為直徑0.01mm，另有副尺可作更精細之調整。
- 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。



搪頭型號 Boring Head Type	接合型號 LBK No.	ød1 (mm)	L1 (mm)	內置刀桿 ød2(mm) Internal Diameter	外徑 øD (mm) External Diameter	長 度 Length L	移動量 (mm) Feed	本體重量 kg Weight
CBI 4	LBK4	22	24	10	39	32	0 - 2.0	0.4
CBI 5	LBK5	28	30	12	50	40	0 - 3.5	0.8
CBI 6	LBK6	36	40	16	64	50	0 - 5.0	1.4

CBI SMALL-DIAMETER FINE BORING HEAD + RBT/HSK-LBK HOLDER + BJ BORING TOOL
CBI小徑微調精搪刀 + RBT/HSK-LBK刀柄 + 小徑搪刀桿BJ系列

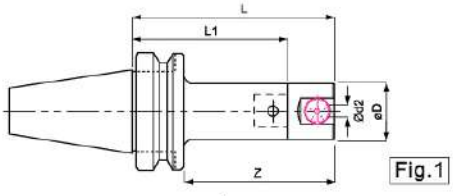


Fig.1

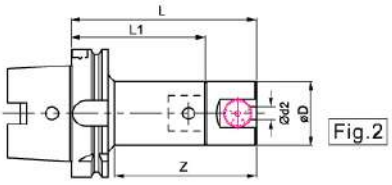


Fig.2



型號 Type	樣式 Fig.	移動量 F(mm)	延伸長 Z(mm)	組合內容 Combinations: RBT/HSK-LBK刀桿 RBT/HSK-LBK holder	CBI刀座CBI Type	小徑搪刀桿 JB Type	接合型號 LBK No.	全長 L	刀桿長 L1	外徑 øD	重量 kg Weight
RBT30-CBI4-BJ10-5PCS	1	0-2.0	70	RBT30-LBK4-070	CBI4	BJ10-5PCS	4	102	70	39	1.90
RBT30-CBI5-BJ12-5PCS		0-3.5	70	RBT30-LBK5-060	CBI5	BJ12-5PCS	5	100	60	50	2.30
RBT30-CBI6-BJ16-8PCS		0-5.0	80	RBT30-LBK6-060	CBI6	BJ16-8PCS	6	110	60	64	4.60
RBT40-CBI4-BJ10-5PCS		0-2.0	80	RBT40-LBK4-085	CBI4	BJ10-5PCS	4	117	85	39	2.40
RBT40-CBI5-BJ12-5PCS		0-3.5	80	RBT40-LBK5-075	CBI5	BJ12-5PCS	5	115	75	50	2.80
RBT40-CBI6-BJ16-8PCS		0-5.0	80	RBT40-LBK6-065	CBI6	BJ16-8PCS	6	115	65	64	4.90
RBT50-CBI4-BJ10-5PCS		0-2.0	100	RBT50-LBK4-115	CBI4	BJ10-5PCS	4	147	115	39	5.40
RBT50-CBI5-BJ12-5PCS		0-3.5	100	RBT50-LBK5-105	CBI5	BJ12-5PCS	5	145	105	50	6.00
RBT50-CBI6-BJ16-8PCS		0-5.0	80	RBT50-LBK6-075	CBI6	BJ16-8PCS	6	125	75	64	8.10
HSK-A63-CBI4-BJ10-5PCS	2	0-2.0	80	HSK-A63-LBK4-085	CBI4	BJ10-5PCS	4	117	85	39	1.80
HSK-A63-CBI5-BJ10-5PCS		0-3.5	85	HSK-A63-LBK5-075	CBI5	BJ12-5PCS	5	115	75	50	2.40
HSK-A63-CBI6-BJ16-8PCS		0-5.0	90	HSK-A63-LBK6-070	CBI6	BJ16-8PCS	6	120	70	64	4.00
HSK-A100-CBI4-BJ10-5PCS		0-2.0	110	HSK-A100-LBK4-115	CBI4	BJ10-5PCS	4	147	115	39	3.30
HSK-A100-CBI5-BJ10-5PCS		0-3.5	110	HSK-A100-LBK5-105	CBI5	BJ12-5PCS	5	145	105	50	4.10
HSK-A100-CBI6-BJ16-8PCS		0-5.0	90	HSK-A100-LBK6-075	CBI6	BJ16-8PCS	6	125	75	64	5.40

Fig.1

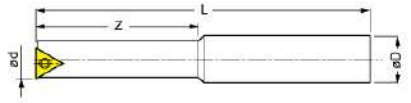
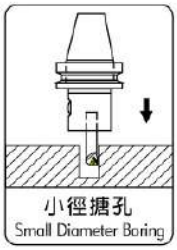


Fig.2







BJ SMALL-DIAMETER BORING TOOL FOR CBI4 CBI4專用小徑搪刀桿BJ型《搪孔範圍Boring Range Ø8-Ø24mm》

型號 Type	Fig.	øD (mm)	ød (mm)	L (mm)	Z (mm)	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench	本體重量 Weight (kg)
BJ1008-32	1	10	8-10	64	32	TB..0601..	Ø2.7xM2	T6	0.025
BJ1010-40	1	10	10-12	72	40	TB..0601..	Ø2.7xM2	T6	0.035
BJ1012-45	2	10	12-16	77	45	TP..0902..	M2.5	T8	0.045
BJ1016-45	2	10	16-20	77	45	TP..0902..	M2.5	T8	0.045
BJ1020-45	2	10	20-24	77	45	TP..0902..	M2.5	T8	0.045
※BJ10-5PCS	BJ1008-32		BJ1010-40		BJ1012-45		BJ1016-45	BJ1020-45	0.195

BJ SMALL-DIAMETER BORING TOOL FOR CBI5 CBI5專用小徑搪刀桿BJ型《搪孔範圍 Boring Range Ø8-Ø25mm》

型號 Type	Fig.	øD (mm)	ød (mm)	L (mm)	Z (mm)	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench	本體重量 Weight (kg)
BJ1208-32	1	12	8-10	64	32	TB..0601..	Ø2.7xM2	T6	0.035
BJ1210-40	1	12	10-12	72	40	TB..0601..	Ø2.7xM2	T6	0.045
BJ1212-45	1	12	12-16	77	45	TP..0902..	M2.5	T8	0.055
BJ1216-45	2	12	16-20	77	45	TP..0902..	M2.5	T8	0.060
BJ1220-45	2	12	20-25	77	45	TP..0902..	M2.5	T8	0.065
※BJ12-5PCS	BJ1208-32		BJ1210-40		BJ1212-45		BJ1216-45	BJ1220-45	0.260

BJ SMALL-DIAMETER BORING TOOL FOR CBI6 CBI6專用小徑搪刀桿BJ型《搪孔範圍 Boring Range Ø6-Ø50mm》

型號 Type	Fig.	øD (mm)	ød (mm)	L (mm)	Z (mm)	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench	本體重量 Weight (kg)
BJ1606-24	1	16	6-8	76	24	WB..0601..	Ø2.7xM2	T6	0.070
BJ1608-32	1	16	8-10	75	32	TB..0601..	Ø2.7xM2	T6	0.065
BJ1610-40	1	16	10-12	75	40	TB..0601..	Ø2.7xM2	T6	0.075
BJ1612-53	1	16	12-16	85	53	TP..0902..	M2.5	T8	0.085
BJ1616-68	1	16	16-20	100	68	TP..0902..	M2.5	T8	0.125
BJ1620-83	2	16	20-25	115	83	TP..0902..	M2.5	T8	0.170
BJ1625-90	2	16	25-30	122	90	TP..0902..	M2.5	T8	0.185
BJ1630-90	2	16	30-40	122	90	TP..0902..	M2.5	T8	0.190
BJ1640-90	2	16	40-50	122	90	TP..0902..	M2.5	T8	0.205
※BJ16-8PCS	BJ1608-32 BJ1620-83		BJ1610-40 BJ1625-90		BJ1612-53 BJ1630-90		BJ1616-68 BJ1640-90		

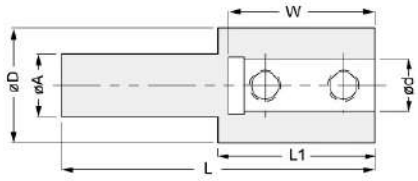
※表示盒裝包裝
※Carton Package

※切削加工時，小徑搪刀桿以3倍直徑伸出量為佳。
※Stable boring at overhangs less then 3 x diameter.

AC EXTENSION ADAPTOR FOR CBI SMALL -DIAMETER FINE BORING HEAD
CBI系列專用小徑搪刀延長桿AC型

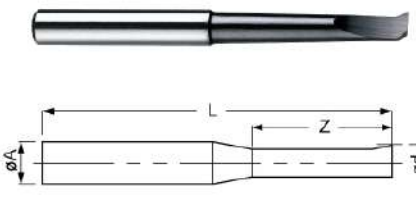


型號 Type	柄徑 øA(mm)	外徑 øD (mm) External Dia.	內徑 ød(mm)	延伸長度 L1 (mm)	孔深 W (mm)	全長Length L (mm)	適用搪刀頭	重量 (kg) Weight
AC1006-30	10	18	6	30	25	55	CBI4	0.060
AC1206-35	12	22	6	35	25	65	CBI5	0.120
AC1210-35	12	22	10	35	30	65	CBI5	0.105
AC1606-35	16	22	6	35	25	85	CBI6	0.120
AC1610-35	16	22	10	35	30	85	CBI6	0.145

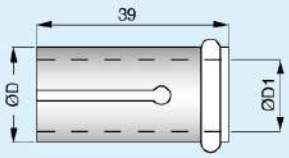


SBJ TUNGSTEN CARBIDE BORING TOOL FOR CBI SMALL -DIAMETER FINE BORING HEAD
CBI系列專用超小徑碳化鎢搪孔刀SBJ型

型號 Type	搪孔範圍 Boring Range 最小加工直徑 ød min	最大加工直徑 ød max CBI 4	CBI 5	CBI 6	柄徑 øA	有效長 Length Z (mm)	總長 Total Length L (mm)	適用延長桿 AC型	重量 Weight (kg)
SBJ0603-15	3	7	10	13	6	15	50		0.015
SBJ0604-20	4	8	11	14	6	20	50	AC1006-30	0.015
SBJ0605-25	5	9	12	15	6	25	60	AC1206-35	0.020
SBJ0606-30	6	10	13	16	6	30	60	AC1606-35	0.020
SBJ1008-35	8	12	15	18	10	35	75	AC1210-35	0.055
SBJ1010-40	10	14	17	20	10	40	75	AC1610-35	0.060



EC SLEEVE FOR TUNGSTEN CARBIDE SMALL DIAMETER MODULAR BORING BAR 鎢鋼組合式小徑搪刀桿專用套筒EC型



型號 Type	外徑ØD (mm)	內徑ØD1 (mm)	適用鎢鋼刀柄 Applicable Carbide Tool Holder	重量 (kg) Weight
EC1608	16	8	ST08	0.055
EC1610	16	10	ST10	0.040
EC1612	16	12	ST12	0.035
EC1614	16	14	ST14	0.025

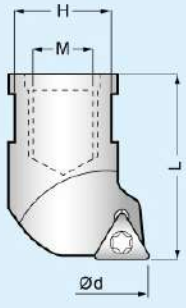
TUNGSTEN CARBIDE SMALL DIAMETER MODULAR BORING BAR TYPE ST
鎢鋼組合式小徑搪刀桿ST型





型號 Type	全長 L (mm)	柄徑ØD (mm)	結合牙 M (mm)	適用搪孔頭 Applicable BE Head	適用套筒 Applicable EC Sleeve	重量 (kg) Weight
ST08-W5-100L	100	8	M5	BE09A, BE10.5A	EC1608	0.095
ST10-W6-110L	110	10	M6	BE12A	EC1610	0.14
ST12-W6-120L	120	12	M6	BE14A, BE16A	EC1612	0.24
ST14-W6-160L	160	14	M6	BE16A	EC1614	0.35
ST16-W10-160L	160	16	M10	BE18A,BE20A,BE22A,BE24A BE26A,BE28A,BE30A,BE32A BE34A,BE36A,BE38A,BE40A	----	0.46

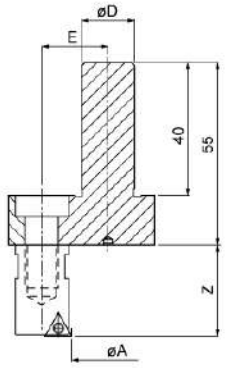
MODULAR INSERT HOLDER TYPE BE - Boring Range from Ø9 - Ø42mm
組合式搪孔頭BE型



型號 Type	Ød (mm)	H (mm)	L (mm)	M (mm)	刀片規格 Insert	螺絲 Clamping Screw	扳手 Wrench	重量 (kg) Weight
BE09A	9-11	7	18	M5	TP..0802..	Ø3.2xM2	T6	0.02
BE10.5A	10.5-12.5	7	18	M5	TP..0802..	Ø3.2xM2	T6	0.02
BE12A	12-14	8	23	M6	TP..0802..	Ø3.2xM2	T6	0.02
BE14A	14-16	10	23	M6	TP..0802..	Ø3.2xM2	T6	0.025
BE16A	16-18	10	23	M6	TP..0802..	Ø3.2xM2	T6	0.025
BE18A	18-20	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.03
BE20A	20-22	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE22A	22-24	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE24A	24-26	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE26A	26-28	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE28A	28-30	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE30A	30-32	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE32A	32-34	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE34A	34-36	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE36A	36-38	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.04
BE38A	38-40	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.045
BE40A	40-42	14	27	M10	TP..0802..	Ø3.2xM2	T6	0.045

CBR20、CBR30 MODULAR ASSEMBLIES FOR EXTERNAL BORING
- Boring Range from Ø5 - Ø52mm

CBR20, CBR30組合式外圓搪孔組件





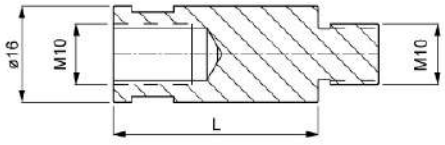
※加工時需反轉。 ※For O.D. boring, change spindle direction to counter-clockwise.

型號 Type	重量 kg Weight	搪孔頭BE型	外圓搪孔範圍 øA (mm)	偏心距離 E(mm)	有效深 Z (mm)	柄徑 øD (mm)	刀片規格 螺絲/扳手
C16-CBR20 C20-CBR20	0.16 0.195	BE36A	5-14	20	26	16/20	TP08/ Ø3.2xM2/ T6
		BE34A	7-16				
		BE32A	9-18				
		BE30A	11-20				
		BE28A	13-22				
		BE26A	15-24				
		BE24A	17-26				
		BE22A	19-28				
		BE20A	21-30				
		BE18A	23-32				
C16-CBR30 C20-CBR30	0.25 0.285	BE36A	25-34	30	26	16/20	TP08/ Ø3.2xM2/ T6
		BE34A	27-36				
		BE32A	29-38				
		BE30A	31-40				
		BE28A	33-42				
		BE26A	35-44				
		BE24A	37-46				
		BE22A	39-48				
		BE20A	41-50				
		BE18A	43-52				

※C16-CBR20、CBR30 為 CBI6 搪孔器專用搪外圓組件 ※C16-CBR20/30 adapts for CBI6 fine boring head.
※C20-CBR20、CBR30 為 CBH2084 搪孔器專用搪外圓組件 ※C20-CBR20/30 adapts for CBH2084 fine boring head.

EXTENSION ADAPTOR FOR CBR20、CBR30

CBR20, CBR30專用加長連接桿



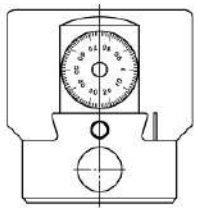


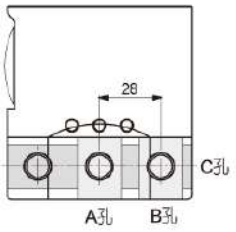


型號 Type	適用搪孔頭	桿長 L(mm)	有效深 Z(mm)	結合牙 M	重量 kg Weight
CBRM10-34	BE18A-BE36A	34	60	M10	0.45
CBRM10-64	BE18A-BE36A	64	90	M10	0.95

CBH2084 FINE BORING HEAD PACKAGE - 《Boring Range from Ø8-Ø280mm》
CBH2084微調搪刀套組

- 調整刻度每格調整尺寸為直徑0.01mm。
- The dial adjustment is 0.01mm on diameter.



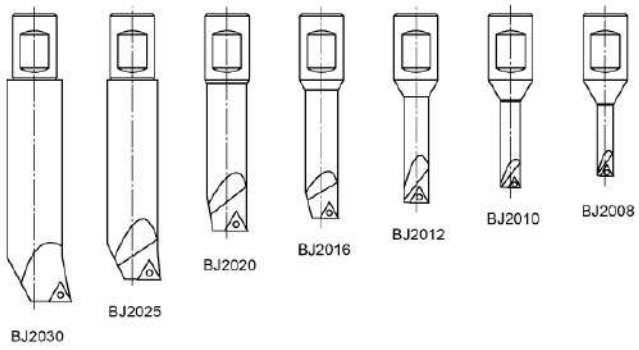


移動範圍 25mm
Travel 25mm



BJ2020-L





型號 Type	重量 Weight (kg)
CBH2084 微調搪刀	3.3
CBH2084-BJ20-8PCS 盒裝	5.9
CBH2084-BT40 刀桿	1.9
CBH2084-BT50 刀桿	4.6
BT40-CBH2084-BJ20-8PCS 套組	7.8
BT50-CBH2084-BJ20-8PCS 套組	10.4

※BT刀桿獨立包裝。
※Individual packing for BT holder.

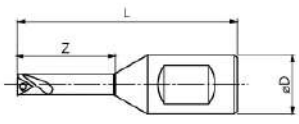


Fig.1

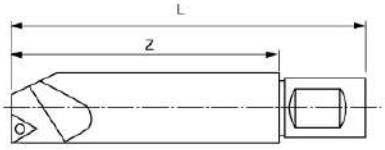


Fig.2

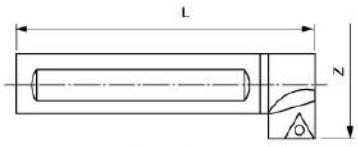


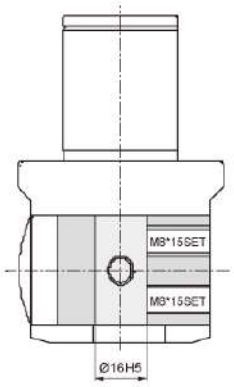
Fig.3

型號 Type	樣式 Fig.	A孔 搪孔範圍	B孔 搪孔範圍	øD mm	L mm	Z mm	刀片規格 Insert	刀片螺絲 Screw	刀片扳手 Wrench	重量 kg Weight
BJ2008-32	1	8-58	64-114	20	80	32	TB..0601	Ø2.7xM2	T6	0.105
BJ2010-40		10-60	66-116		87	40				0.115
BJ2012-53		12-62	68-118		98	53	TP..0902	M2.5	T8	0.125
BJ2016-68		16-66	72-122		110	68				0.175
BJ2020-83		20-70	76-126		123	83	TP..1103	M3	T9	0.245
BJ2025-96	2	25-75	81-131		137	96				0.250
BJ2030-115		30-80	86-136		152	115				0.375
BJ20-20L	3	C孔120-280			100	100				0.455
BJ20-8PCS	BJ2008-32 BJ2010-40 BJ2012-53 BJ2016-68 BJ2020-83 BJ2025-96 BJ2030-115 BJ20-20L									2.6

※另可搭配外置搪孔組件C20-CBR20、30。 ※Adapts for external modular assemblies C20-CBR20/30.

CBI6 SMALL DIAMETER FINE BORING HEAD PACKAGE - 《Boring Range from Ø8-Ø50mm》
CBI6小徑微調精搪刀套組

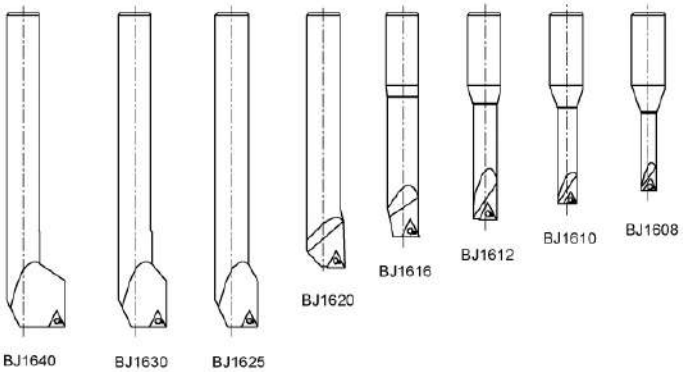
- 調整刻度為圓周50等分，每格調整尺寸為直徑0.01mm，另有副尺可作更精細之調整。
- The dial has been graduated into 50 divisions, each of which is 0.01mm on diameter. There is a sub-dial for finer adjustment.



移動範圍 5mm
Travel 5mm







型號 Type	重量 Weight (kg)
CBI6-BJ16-8PCS 盒裝	3.2
RBT30-CBI6-BJ16-8PCS	4.2
RBT40-CBI6-BJ16-8PCS	4.8
RBT50-CBI6-BJ16-8PCS	7.8
HSK-A63-CBI6-BJ16-8PCS	4.7
HSK-A100-CBI6-BJ16-8PCS	6.1

※RBT/HSK 刀桿獨立包裝。
※Individual packing for RBT/HSK holder.

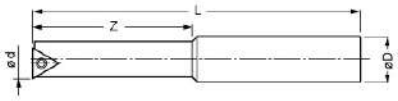


Fig.1

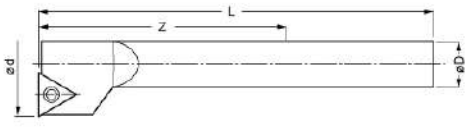


Fig.2

型號 Type	樣式 Fig.	柄徑 øD (mm)	搪孔範圍 ød (mm)	全長 L (mm)	有效長 Z (mm)	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench	本體重量 kg Weight
BJ1608-32	1	16	8-10	75	32	TB..0601..	Ø2.7xM2	T6	0.065
BJ1610-40			10-12		40				0.075
BJ1612-53			12-16	85	53	TP..0902..	M2.5	T8	0.085
BJ1616-68			16-20	100	68				0.125
BJ1620-83	2		20-25	115	83				0.170
BJ1625-90			25-30	122	90				0.185
BJ1630-90			30-40		90				0.190
BJ1640-90			40-50		90				0.205
BJ16-8PCS	BJ1608-32 BJ1620-83		BJ1610-40 BJ1625-90		BJ1612-53 BJ1630-90	BJ1616-68 BJ1640-90			

※可另購BJ1606-24，搭配後搪孔範圍可達ø6-ø8，有效長24mm。
※Adapts with BJ1606-24 (option) to achieve boring diameter Ø6~ Ø8 mm / effective length of 24 mm.

※另可搭配外圓搪孔組件C16-CBR20、30。
※Adapts for external modular assemblies C16-CBR20/30.

FINE BORING BAR TYPE BR (FOR CBM55/ 68) 《搪孔範圍Boring Range Ø6-Ø28mm》
CBM55/68專用小徑搪刀桿BR型



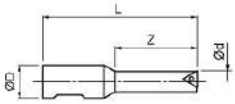


Fig.1

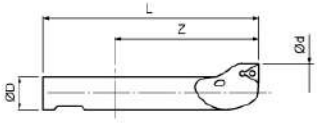


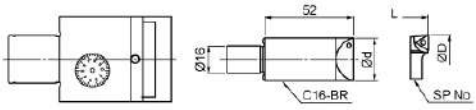
Fig.2

組合一

型號 Type	Fig.	加工直徑 Ød (mm)	小搪桿長度 L (mm)	有效長 Z (mm)	柄徑 ØD (mm)	刀片規格/螺絲/扳手
BR1606-21	1	ø6 - ø9	55	21	16	WB06 / Ø3xM2 / T6
BR1608-28	1	ø8 - ø11	58	28	16	TB06 / Ø2.7xM2 / T6
BR1610-35	1	ø10 - ø13	64	35	16	TB06 / Ø2.7xM2 / T6
BR1612-42	1	ø12 - ø15	68	42	16	TP09 / M2.5 / T8
BR1614-50	1	ø14 - ø17	76	50	16	TP09 / M2.5 / T8
BR1616-60	1	ø16 - ø20	86	60	16	TP09 / M2.5 / T8
BR1620-65	2	ø20 - ø24	90	65	16	TP09 / M2.5 / T8
BR1624-68	2	ø24 - ø28	93	68	16	TP09 / M2.5 / T8
BR16-8PCS						

TRANSFER BAR FOR INSERT HOLDER CI6-BR + SP INSERT HOLDER (FOR CBM55/68)
CBM55/68專用刀片座轉接桿CI6-BR+SP刀片座《搪孔範圍Boring Range Ø27-Ø68mm》



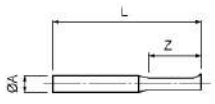


組合二

搪頭型號 Type	刀片座轉接桿	Ød(mm)	刀片座型號	加工直徑ØD(mm)	加工長度L(mm)	刀片規格/螺絲/扳手
CBM55 CBM68	C16-BR27	25	SP27	ø27 - ø40	62	CC06 / M2.5 / T8 TP09 / M2.5 / T8
	C16-BR35	32	SP35	ø35 - ø50	65	
CBM55 CBM68	C16-BR45	40	SP45	ø45 - ø68	68	CC09 / M4 / T15 TP09 / M2.5 / T8 TC11 / M2.5 / T8

SUPER FINE DIAMETER TUNGSTEN CARBIDE BORING BAR DEDICATED TO CBM55/68 SERIES TYPE SBJ
CBM55/68系列專用超小徑碳化鎢搪孔刀

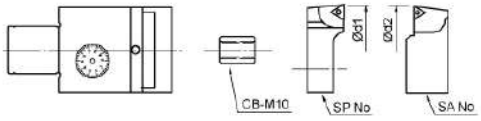




型號 Type	搪孔範圍 Boring Range ød (mm)	柄徑 øA	有效長 Length Z (mm)	總長 Total Length L (mm)
SBJ0603-15	3 - 5	6	15	50
SBJ0604-20	4 - 6	6	20	50
SBJ0605-25	5 - 7	6	25	60
SBJ0606-30	6 - 8	6	30	60
SBJ1008-35	8 - 10	10	35	75
SBJ1010-40	10 - 12	10	40	75

FORWARD/REVERSE INSERT HOLDER (FOR CBM55/68)
CBM55/68專用正反搪刀片座《搪孔範圍Boring Range Ø55-Ø154mm》



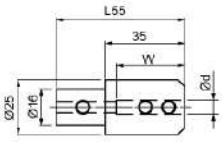


組合三

搪頭型號Type	轉接螺母	正搪刀片座	正搪加工直徑Ød1(mm)	反搪刀片座	反搪加工直徑Ød2(mm)	刀片規格/螺絲/扳手
CBM55	CB-M10	SP55	ø55 - ø80	SA55	ø60 - ø84	
CBM55	CB-M10	SP68	ø68 - ø104	SA68	ø78 - ø115	CC09 / M4 / T15
CBM55	CB-M10	SP100	ø100 - ø154	SA100	ø110 - ø164	TP09 / M2.5 / T8
CBM68	CB-M10	SP68	ø68 - ø104	SA68	ø78 - ø115	TC11 / M2.5 / T8
CBM68	CB-M10	SP100	ø100 - ø154	SA100	ø110 - ø164	

EXTENSION ADAPTER FOR SMALL DIAMETER BORING BAR DEDICATED TO CBM55/68 SERIES TYPE CI6-BRC
CBM55/68系列專用小徑搪刀延長桿 CI6-BRC型
《搪孔範圍Boring Range Ø3-Ø12mm》

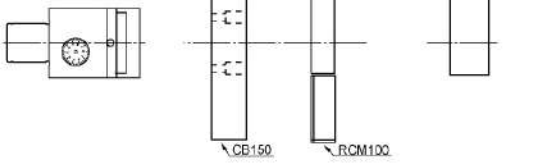




型號 Type	內徑 ød (mm)	內徑深 W (mm)
C16-BRC06	6	25
C16-BRC10	10	30

ADAPTER PLATE CBI50 AND BALANCE BASE RCM100 FOR CBM55/68/100 《搪孔範圍Boring Range Ø150-Ø204mm》
CBM55/68/100專用轉接板CBI50與平衡塊RCM100 (for CBM55/68/100)





組合四

搪頭型號 Type	轉接板+平衡塊	正搪刀片座	正搪加工直徑Ød1(mm)	反搪刀片座	反搪加工直徑Ød2(mm)	刀片規格/螺絲/扳手 Insert/Clamp Screw/Wrench
CBM55 CBM68 CBM100	CB150+RCM100	SP100	ø150 - ø204	SA100	ø160 - ø214	CC09 / M4 / T15 TP09 / M2.5 / T8 TC11 / M2.5 / T8
	CB200+RCM100	SP100	ø200 - ø254	SA100	ø210 - ø264	
	CB250+RCM100	SP100	ø250 - ø304	SA100	ø260 - ø314	

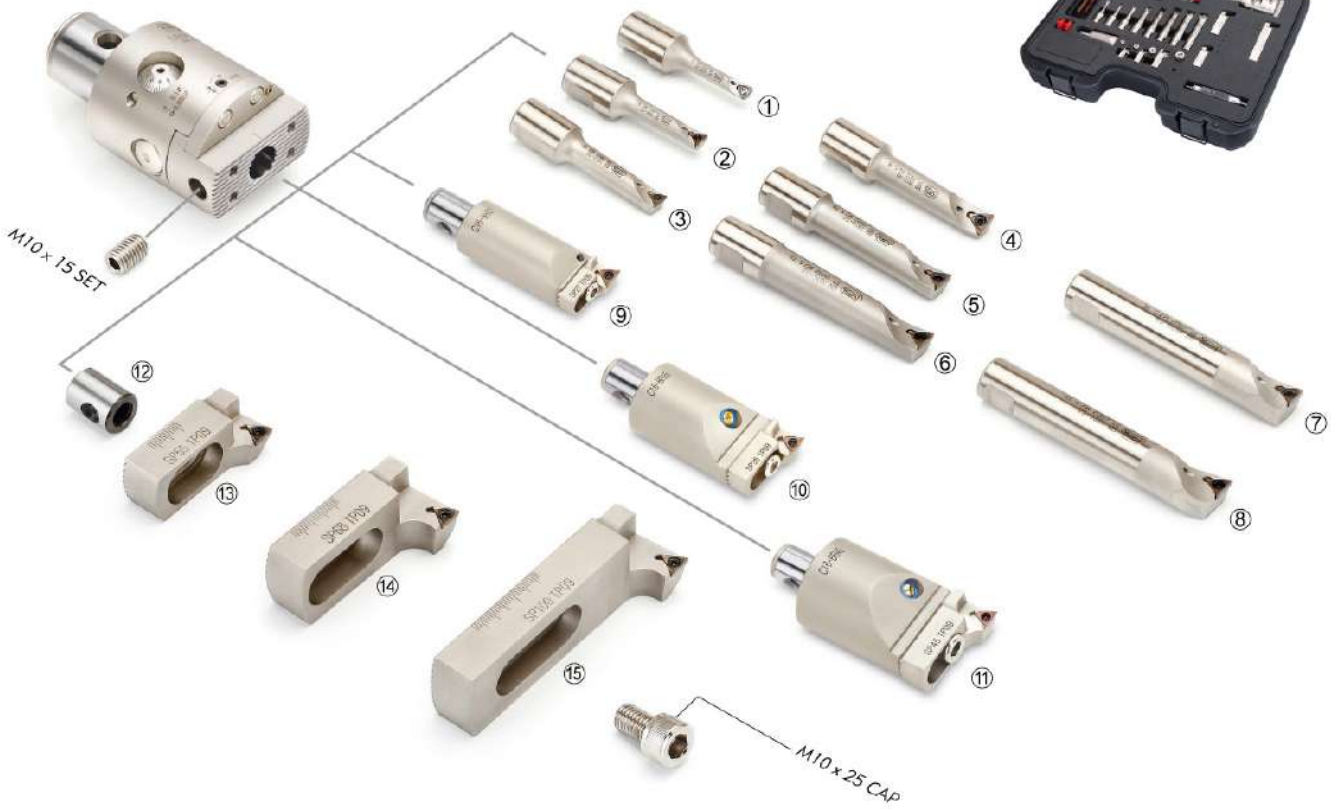
CBM55 MICRO ADJUSTMENT BORING HEAD/SET

- Boring Range from Ø6 - Ø154mm

CBM55精密微調搪孔頭套組

- 調整刻度每格調整尺寸為直徑0.002mm。
- The dial adjustment is each 0.002mm on diameter.





※套組零件編號12號附1只。

※Enclosed each 1 pc with kits parts of No.12.

零件編號	型 號 Type	加工直徑 Boring Diameter(mm)	有效長 Z(mm)	刀片規格/螺絲/扳手 Insert/Clamp Screw/Wrench	重量 with Box Weight (kg)
1	BR1606-21	ø6 - ø9	21	WB06 / Ø3xM2 / T6	
2	BR1608-28	ø8 - ø11	28	TB06 / Ø2.7xM2 / T6	
3	BR1610-35	ø10 - ø13	35	TB06 / Ø2.7xM2 / T6	
4	BR1612-42	ø12 - ø15	42	TP09 / M2.5 / T8	
5	BR1614-50	ø14 - ø17	50	TP09 / M2.5 / T8	
6	BR1616-60	ø16 - ø20	60	TP09 / M2.5 / T8	
7	BR1620-65	ø20 - ø24	65	TP09 / M2.5 / T8	4.7
8	BR1624-68	ø24 - ø28	68	TP09 / M2.5 / T8	
9	C16-BR27-SP27	ø27 - ø40	62	TP09 / M2.5 / T8	
10	C16-BR35-SP35	ø35 - ø50	65	TP09 / M2.5 / T8	
11	C16-BR45-SP45	ø45 - ø68	68	TP09 / M2.5 / T8	
12+13	CB-M10-SP55	ø55 - ø80	-	TP09 / M2.5 / T8	
12+14	CB-M10-SP68	ø68 - ø104	-	TP09 / M2.5 / T8	
12+15	CB-M10-SP100	ø100 - ø154	-	TP09 / M2.5 / T8	

※可另購CB150轉接板與RCM100平衡塊，搭配後搪孔範圍可達Ø204mm。

※Boring range can be up to Ø204mm with option of CB150 adapter plate and RCM100 balance base.

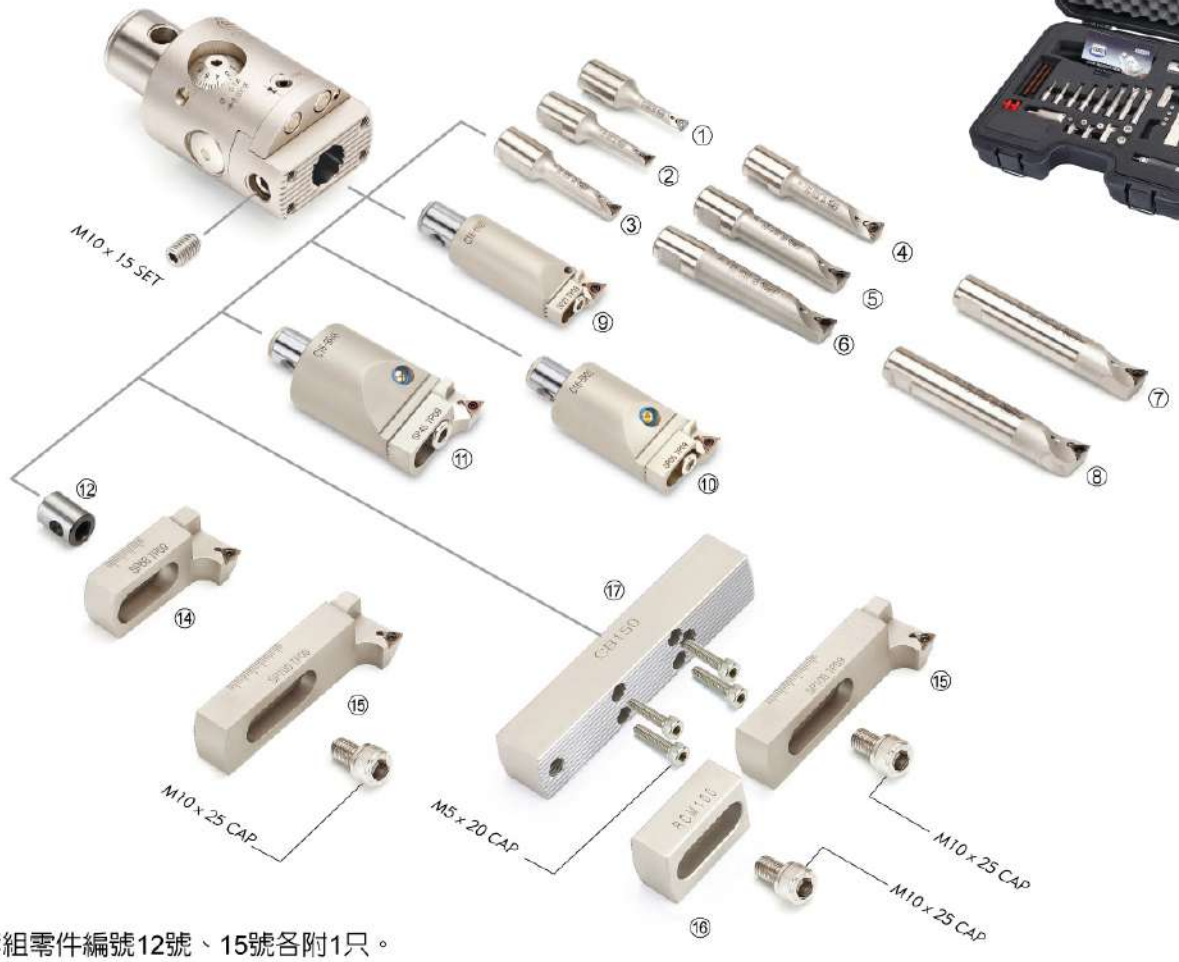
CBM68 MICRO ADJUSTMENT BORING HEAD/SET

- Boring Range from Ø6 - Ø204mm

CBM68精密微調搪孔頭套組

- 調整刻度每格調整尺寸為直徑0.002mm。
- The dial adjustment is each 0.002mm on diameter.





※套組零件編號12號、15號各附1只。
※Enclosed each 1 pc with kits parts of No. 12 and No.15.

零件編號	型 號 Type	加工直徑 Boring Diameter(mm)	有效長 Z(mm)	刀片規格/螺絲/扳手 Insert/Clamp Screw/Wrench	重量 with Box Weight (kg)
1	BR1606-21	ø6 - ø9	21	WB06 / Ø3xM2 / T6	6.3
2	BR1608-28	ø8 - ø11	28	TB06 / Ø2.7xM2 / T6	
3	BR1610-35	ø10 - ø13	35	TB06 / Ø2.7xM2 / T6	
4	BR1612-42	ø12 - ø15	42	TP09 / M2.5 / T8	
5	BR1614-50	ø14 - ø17	50	TP09 / M2.5 / T8	
6	BR1616-60	ø16 - ø20	60	TP09 / M2.5 / T8	
7	BR1620-65	ø20 - ø24	65	TP09 / M2.5 / T8	
8	BR1624-68	ø24 - ø28	68	TP09 / M2.5 / T8	
9	C16-BR27-SP27	ø27 - ø40	62	TP09 / M2.5 / T8	
10	C16-BR35-SP35	ø35 - ø50	65	TP09 / M2.5 / T8	
11	C16-BR45-SP45	ø45 - ø68	68	TP09 / M2.5 / T8	
12+14	CB-M10-SP68	ø68 - ø104	-	TP09 / M2.5 / T8	
12+15	CB-M10-SP100	ø100 - ø154	-	TP09 / M2.5 / T8	
17+16+15	CB150-RCM100-SP100	ø150 - ø204	-	TP09 / M2.5 / T8	

※可另購CB200轉接板，搭配後搪孔範圍可達Ø254mm。 ※可另購CB250轉接板，搭配後搪孔範圍可達Ø304mm。
※Boring range up to Ø254mm can be match with option of CB200 adapter plate.
※Boring range up to Ø304mm can be match with option of CB250 adapter plate.

INTEGRATED TUNGSTEN CARBIDE ROUGH/FINE BORING TOOL

《Boring Range : Ø16 - Ø42mm》

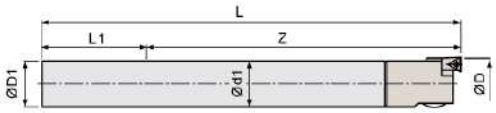
直柄整體式鎢鋼桿精、粗搪刀《搪孔範圍Ø16 - Ø42mm》



Feature

- The tungsten carbide boring bar is ideal for boring operations at overhangs reaching 5 up to 7 times bar diameter. It features high hardness and high toughness, providing best cutting stability and vibration-damped capability.
- Deep pockets is a typical application where the boring bar offers internal coolant supply through the tool to evacuate chips, reduce cycle time, and cools cutting edge to increase tool life.
- The straight shank boring bar can be adjusted on length to reach demanded overhangs.

- 超硬鎢鋼製搪刀桿，使用高韌性配方製造，堅韌耐用，實現高硬度、高剛性、高抗震性，可施行深孔搪孔加工(5D-7D)。
- 各種規格均有內部水孔，深孔加工時排屑及冷卻效果良好。
- 直柄結構，加工深度可依加工須求自行調整。



TUNGSTEN CARBIDE FINE BORING TOOL 鎢鋼桿精搪刀

型號 Type	搪孔範圍 ØD (mm) Boring Range	有效長 Z (mm)	全 長 L (mm)	夾持長(mm) L1	夾持柄徑(mm) ØD1	有效長柄徑(mm) Ød1	重量 Weight (kg)
SC16-MBH16-185	16-20	100	185	85	16	15	0.40
SC19-CBH20-185	20-26	100	185		19	19	0.60
SC19-CBH20-235		150	235				0.80
SC24-CBH25-190	25-33	100	190	90	24	24	1.05
SC24-CBH25-240		150	240				1.35
SC32-CBH32-240	32-42	150	240		32	31	2.07
SC32-CBH32-290		200	290				2.75

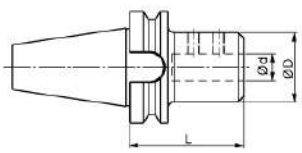
TUNGSTEN CARBIDE ROUGH BORING TOOL 鎢鋼桿粗搪刀

型號 Type	搪孔範圍 ØD (mm) Boring Range	有效長 Z (mm)	全 長 L (mm)	夾持長 L (mm)	夾持柄徑(mm) ØD1	有效長柄徑(mm) Ød1	重量 Weight (kg)
SC16-RBM16-185	15.8-20	100	185	85	16	15	0.40
SC19-RBM20-185	19.8-26	100	185		19	19	0.60
SC19-RBM20-235		150	235				0.80
SC24-RBH25LA-190	25-35	100	190	90	24	24	1.05
SC24-RBH25LA-240		150	240				1.35
SC32-RBH32LA-240	32-45	150	240		32	31	2.07
SC32-RBH32LA-290		200	290				2.75

SIDE-LOCK HOLDER FOR TUNGSTEN CARBIDE BORING TOOL

鎢鋼搪刀桿專用側固式刀桿

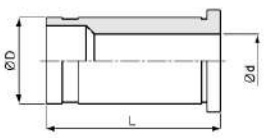
型號 Type	內 徑 Ød (mm)	外 徑 ØD (mm)	刀桿長 L (mm)	重 量 Weight (kg)
RBT40-SLA19-90-W	19	40	90	1.20
RBT40-SLA20-90-W	20	40	90	1.40
RBT40-SLA24-90-W	24	45	90	1.60
RBT40-SLA25-90-W	25	45	90	1.80
RBT40-SLA32-105-W	32	62	105	2.00
RBT50-SLA19-105-W	19	40	105	4.00
RBT50-SLA19-150-W			150	4.40
RBT50-SLA20-105-W	20	40	105	4.00
RBT50-SLA20-150-W			150	4.40
RBT50-SLA24-105-W	24	45	105	4.10
RBT50-SLA24-150-W			150	4.50
RBT50-SLA25-105-W	25	45	105	4.10
RBT50-SLA25-150-W			150	4.50
RBT50-SLA32-105-W	32	62	105	4.40
RBT50-SLA32-150-W			150	5.25
RBT50-SLA40-135-W	40	80	135	6.10
RBT50-SLA50-165-W	50	90	165	8.00
RBT50-SLA60-200-W	60	100	200	11.0
HSK-A-100-SLA32-135-W	32	62	135	3.84
HSK-A-100-SLA40-165-W	40	80	165	6.01





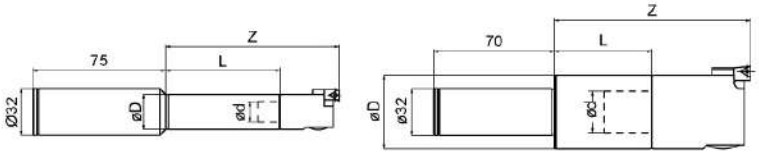
強力夾頭專用套筒 TOOL SLEEVE

型號 Type	內 徑 Ød (mm)	外 徑 ØD (mm)	全 長 L (mm)	重量 Weight (kg)
C32-16	16	32	65	0.30
C32-19	19			0.25
C32-20	20			0.20
C32-24	24			0.18
C32-25	25			0.16





C32 STRAIGHT SHANK BORING BAR
C32直柄搪刀桿 – 接合搪刀頭

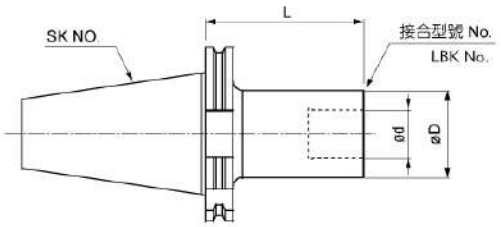




型號 Type	內孔徑 Inside Dia. ød (mm)	外徑 External Dia. øD (mm)	長度 Length L (mm)	有效長 Z (mm)	接合搪刀頭 Applicable Boring Heads	重量 Weight (kg)
C32-LBK1-075L	11	19	75	110	CBH20 ; MBH20	0.5
C32-LBK2-070L	14	24	70	110	RBH25(LA) CBH25 ; MBH25	0.55
C32-LBK2-120L	14	24	120	160		0.8
C32-LBK3-070L	18	31	70	110	RBH32(LA) CBH32 ; MBH32	0.65
C32-LBK3-120L	18	31	120	160		0.95
C32-LBK4-060L	22	39	60	110	RBH40(LA) CBH40 ; MBH40	0.8
C32-LBK4-110L	22	39	110	160		1.2
C32-LBK5-060L	28	50	60	120	RBH52(LA) CBH52 ; MBH52	1
C32-LBK5-120L	28	50	120	180		1.95
C32-LBK6-060L	36	64	60	130	RBH68(LA); RBH90(LA) CBH68 ; MBH68	1.55
C32-LBK6-120L	36	64	120	190		2.9

※此規格不含搪刀頭 ※Boring head is not included.

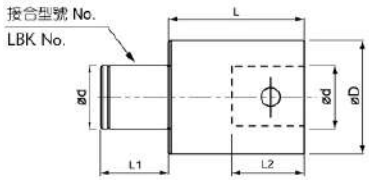
SK HOLDER
SK刀桿規格表





型號 Type	長度 Length L (mm)	外徑 External Dia. øD (mm)	內徑 Internal Dia. ød (mm)	接合搪刀頭 Applicable Boring Heads	重量 Weight (kg)
SK40-LBK1-75	75	19	11	CBH20 ; MBH20	1.02
SK40-LBK2-80	80	24	14	RBH25(LA) ; CBH25 ; MBH16, 25	1.09
SK40-LBK3-95	95	31	18	RBH32(LA) ; CBH32 ; MBH32	1.25
SK40-LBK4-85	85	39	22	RBH40(LA) ; CBH40 ; MBH40 ; CBI4	1.36
SK40-LBK5-75	75	50	28	RBH52(LA) ; CBH52 ; MBH52 ; CBI5	1.46
SK40-LBK6-65	65	64	36	RBH68(LA) ; RBH90(LA) ; CBH68 ; MBH68 ; CBI6	1.48
SK50-LBK1-115	115	31/19	11	CBH20 ; MBH20	3.13
SK50-LBK2-110	110	24	14	RBH25(LA) ; CBH25 ; MBH16, 25	3.14
SK50-LBK3-125	125	31	18	RBH32(LA) ; CBH32 ; MBH32	3.35
SK50-LBK4-115	115	39	22	RBH40(LA) ; CBH40 ; MBH40 ; CBI4	3.61
SK50-LBK5-105	105	50	28	RBH52(LA) ; CBH52 ; MBH52 ; CBI5	3.83
SK50-LBK6-95	95	64	36	RBH68(LA) ; RBH90(LA) ; CBH68,100,150 ; MBH68 ; CBI6	4.02
SK50-LBK7-100	100	88	58	CBH100,150A ; CBH200~500 ; RBH90,120,160A-LA ; RBH200~500LA ; MBH100,140A ; CBR200~500	4.85
SK50-BST-105	105	95	50	RBH200, 300, 400 ; WBST150, 200, 300, 400	4.66

BORING BAR EXTENSION SLEEVE
等徑搪刀延長接桿

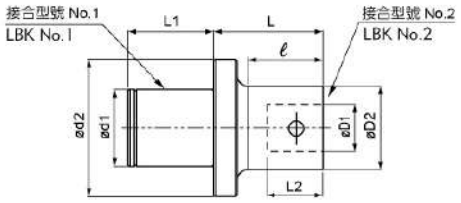




規格 Specifications:

型號 Type	ød mm	øD mm	L mm	L1 mm	L2 mm	接合搪刀頭 Applicable Boring Heads	重量 kg Weight
LBK1-1-30L	11	19	30	13	15	CBH20; MBH20	0.07
LBK2-2-30L	14	24	30	16	18	RBH25(LA) ; CBH25; MBH16, 25	0.10
LBK3-3-30L	18	31	30	20	22	RBH32(LA) ; CBH32; MBH32	0.15
LBK4-4-45L	22	39	45	24	26	RBH40(LA) ; CBH40; MBH40	0.40
LBK5-5-60L	28	50	60	30	32	RBH52(LA) ; CBH52; MBH52	0.80
LBK6-6-60L	36	64	60	40	42	RBH68(LA) ; RBH90(LA) ; CBH68 ; MBH68	1.40
LBK7-7-100L	58	88	100	50	52	CBH100,150A ; CBH200~500 ; RBH90,120,160A-LA ; RBH200~500LA ; MBH100,140A	4.85
LBK7-7-150L			150				5.70

BORING BAR REDUCTION SLEEVE
異徑搪刀延長接桿





規格 Specifications:

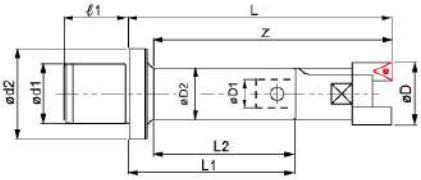
型號 Type	ød 1 mm	ød 2 mm	L1 mm	øD1 mm	øD2 mm	L mm	L2 mm	ℓ mm	接合搪刀頭 Applicable Boring Heads	重量 kg Weight
LBK2-1-36	14	24	16	11	19	36	15	30	CBH20 ; MBH20	0.10
LBK3-1-41	18	31	20			41	15	30		0.15
LBK3-2-37				14	24	37	18	25	RBH25(LA) ; CBH25 ; MBH16.25	0.15
LBK4-1-58	22	39	24	11	19	58	15	40	CBH20 ; MBH20	0.30
LBK4-2-50				14	24	50	18	35	RBH25(LA) ; CBH25 ; MBH16.25	0.30
LBK4-3-50				18	31	50	22	35	RBH32(LA) ; CBH32 ; MBH32	0.35
LBK5-1-60	28	50	30	11	19	60	15	40	CBH20 ; MBH20	0.45
LBK5-2-54				14	24	54	18	35	RBH25(LA) ; CBH25;MBH16.25	0.45
LBK5-2-74						74	18	55		0.50
LBK5-3-47				18	31	47	22	30	RBH32(LA) ; CBH32;MBH32	0.50
LBK5-3-72						72	22	55		0.60
LBK5-4-42				22	39	42	26	25	RBH40(LA) ; CBH40;MBH40	0.50
LBK5-4-67						67	26	50		0.70
LBK6-1-70	36	64	40	11	19	70	15	40	CBH20 ; MBH20	0.90
LBK6-2-63				14	24	63	18	45	RBH25(LA) ; CBH25 ; MBH16.25	0.70
LBK6-2-93						93	18	75		0.80
LBK6-3-56				18	31	56	22	40	RBH32(LA) ; CBH32 ; MBH32	0.75
LBK6-3-96						96	22	80		0.95
LBK6-4-51				22	39	51	26	35	RBH40(LA) ; CBH40 ; MBH40	0.85
LBK6-4-101						101	26	85		1.30
LBK6-5-41				28	50	41	32	25	RBH52(LA) ; CBH52 ; MBH52	0.85
LBK6-5-91						91	32	75		1.45
LBK7-4-90	58	88	50	22	39	90	26	70	RBH40(LA) ; CBH40 ; MBH40	2.13
LBK7-4-140						140	26	120		2.54
* LBK7-4-180						180	26	160	SRBH40LA ; SCBH40	3.10
* LBK7-4-220						220	26	200		3.47
LBK7-5-130				28	50	130	32	110	RBH52(LA) ; CBH52 ; MBH52	2.91
LBK7-5-180						180	32	160		3.53
* LBK7-5-230						230	32	210	SRBH52LA ; SCBH52	4.15
* LBK7-5-280						280	32	260		4.78
LBK7-6-145				36	64	145	42	125	"RBH68(LA);RBH90(LA) CBH68;MBH68	4.20
LBK7-6-235						235	42	215		5.85
* LBK7-6-300						300	42	280	SRBH68LA ; SCBH68	6.97
* LBK7-6-365						365	42	345		8.18

＊紅色為減震系統專用延長桿 The highlighted ＊ marked items are dedicated to STABLELINE® damped tool series.

LBK REDUCTION SLEEVE + RBH-LA INDEXABLE TWIN-EDGE ROUGH BORING HEAD

LBK異徑接桿+RBH-LA雙刃粗搪刀尺寸表





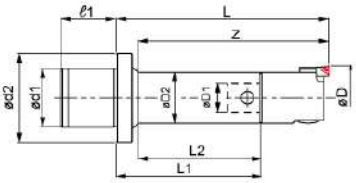
規格 Specifications:

型號 Type	接合搪刀頭 Boring Head Type	搪孔範圍 øD(mm)	延伸長 L(mm)	有效長 Z(mm)	ød1(mm)	ød2(mm)	ℓ1(mm)	øD1(mm)	øD2(mm)	L1(mm)	L2(mm)	重量 Weight
LBK3-2-37	RBH25LA	25-35	87	75	18	31	20	14	24	37	25	0.30
LBK4-2-50			100	85	22	39	24	14	24	50	35	0.45
LBK4-3-50	RBH32LA	32-45	110	95				18	31	50	35	0.65
LBK5-2-54	RBH25LA	25-35	104	85	28	50	30	14	24	54	35	0.60
LBK5-2-74			124	105						74	55	0.65
LBK5-3-47	RBH32LA	32-45	107	90				18	31	47	30	0.80
LBK5-3-72			132	115						72	55	0.90
LBK5-4-42	RBH40LA	40-55	117	100				22	39	42	25	1.10
LBK5-4-67			142	125						67	50	1.30
LBK6-2-63	RBH25LA	25-35	113	95	36	64	40	14	24	63	45	0.85
LBK6-2-93			143	125						93	75	0.95
LBK6-3-56	RBH32LA	32-45	116	100				18	31	56	40	1.05
LBK6-3-96			156	140						96	80	1.25
LBK6-4-51	RBH40LA	40-55	126	110				22	39	51	35	1.45
LBK6-4-101			176	160						101	85	1.90
LBK6-5-41	RBH52LA	52-75	121	105				28	50	41	25	1.85
LBK6-5-91			171	155						91	75	2.45
LBK7-4-90	RBH40LA	40-55	165	145	58	88	50	22	39	90	70	2.73
LBK7-4-140			215	195						140	120	3.14
LBK7-5-130	RBH52LA	52-75	210	190				28	50	130	110	3.91
LBK7-5-180			260	240						180	160	4.53
LBK7-6-145	RBH68LA	68-100	235	215				36	64	145	125	6.70
LBK7-6-235			325	305						235	215	8.35

LBK REDUCTION SLEEVE + CBH FINE BORING HEAD

LBK異徑接桿+CBH微調精搪刀尺寸表





規格 Specifications:

型號 Type	接合搪刀頭 Boring Head Type	搪孔範圍 øD(mm)	延伸長 L(mm)	有效長 Z(mm)	ød1(mm)	ød2(mm)	ℓ1(mm)	øD1(mm)	øD2(mm)	L1(mm)	L2(mm)	重量 Weight
LBK2-1-36	CBH20	20-26	71	65	14	24	16	11	19	36	30	0.20
LBK3-1-41			76		18	31	20			41	30	0.25
LBK3-2-37	CBH25	25-33	77					14	24	37	25	0.35
LBK4-1-58	CBH20	20-26	93	75	22	39	24	11	19	58	40	0.40
LBK4-2-50	CBH25	25-33	90					14	24	50	35	0.50
LBK4-3-50	CBH32	32-42	90					18	31	50	35	0.65
LBK5-1-60	CBH20	20-26	95		28	50	30	11	19	60	40	0.55
LBK5-2-54	CBH25	25-33	94					14	24	54	35	0.65
LBK5-2-74			114	95						74	55	0.70
LBK5-3-47	CBH32	32-42	87	70				18	31	47	30	0.80
LBK5-3-72			112	95						72	55	0.90
LBK5-4-42	CBH40	40-55	92	75				22	39	42	25	1.00
LBK5-4-67			117	100						67	50	1.20
LBK6-1-70	CBH20	20-26	105	75	36	64	40	11	19	70	40	1.00
LBK6-2-63	CBH25	25-33	103	85				14	24	63	45	0.90
LBK6-2-93			133	115						93	75	1.00
LBK6-3-56	CBH32	32-42	96	80				18	31	56	40	1.05
LBK6-3-96			136	120						96	80	1.25
LBK6-4-51	CBH40	40-55	101	85				22	39	51	35	1.35
LBK6-4-101			151	135						101	85	1.80
LBK6-5-41	CBH52	52-75	101	85				28	50	41	25	1.85
LBK6-5-91			151	135						91	75	2.45
LBK7-4-90	CBH40	40-55	140	120	58	88	50	22	39	90	70	2.63
LBK7-4-140			190	170						140	120	3.04
LBK7-5-130	CBH52	52-75	190	170				28	50	130	110	3.91
LBK7-5-180			240	220						180	160	4.53
LBK7-6-145	CBH68	68-102	215	195				36	64	145	125	6.20
LBK7-6-235			305	285						235	215	7.85

RBT-LBK / BT-BST BORING TOOL HOLDER
RBT-LBK, BT-BST搪孔刀桿



LBK系列
LBK Series

Fig.1

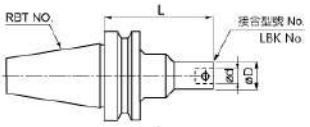
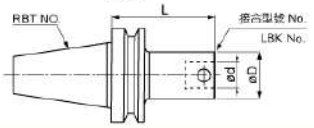


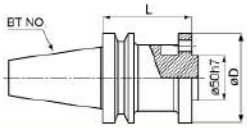
Fig.2



BST系列
BST Series



Fig.3



規格 Specifications:

型號 Type	樣式 Fig.	長度 L(mm) Length	外徑 øD (mm) External Diameter	內徑 ød (mm) Internal Diameter	接合搪刀頭 Applicable Boring Heads	重量 Weight(kg)
RBT30-LBK1-070L	2	70	19	11	CBH20; MBH20	0.50
RBT30-LBK2-080L		80	24	14	RBH25LA ; CBH25; MBH16, 25	0.60
RBT30-LBK3-080L		80	31	18	RBH32LA ; CBH32; MBH32	0.70
RBT30-LBK4-070L		70	39	22	RBH40LA ; CBH40; MBH40; CBI4	0.80
RBT30-LBK5-060L		60	50	28	RBH52LA ; CBH52; MBH52; CBI5	0.80
RBT30-LBK6-060L		60	64	36	RBH68LA ; RBH90LA ; CBH68 ; MBH68; CBI6	1.00
RBT40-LBK1-075L	2	75	19	11	CBH20; MBH20	1.00
RBT40-LBK1-090L		90				1.10
RBT40-LBK1-105L		105				1.20
RBT40-LBK2-085L		85	24	14	RBH25LA ; CBH25; MBH16, 25	1.10
RBT40-LBK2-100L		100				1.20
RBT40-LBK2-115L		115				1.40
RBT40-LBK3-095L		95	31	18	RBH32LA ; CBH32; MBH32	1.20
RBT40-LBK3-125L		125				1.50
RBT40-LBK3-155L		155				1.70
RBT40-LBK4-085L		85	39	22	RBH40LA ; CBH40; MBH40; CBI4	1.30
RBT40-LBK4-130L		130				1.90
RBT40-LBK4-175L		175				2.20
RBT40-LBK5-075L		75	50	28	RBH52LA ; CBH52; MBH52; CBI5	1.30
RBT40-LBK5-125L		125				2.30
RBT40-LBK5-175L		175				3.00
RBT40-LBK6-065L		65	64	36	RBH68LA ; RBH90LA ; CBH68 ; MBH68; CBI6	1.30
RBT40-LBK6-115L		115				2.70
RBT40-LBK6-165L		165				3.90
RBT40-LBK7-100L		100	88	58	CBH100,150A	2.90
RBT50-LBK1-115L	1	115	31/19	11	CBH20 ; MBH20	4.00
RBT50-LBK1-145L		145				4.10
RBT50-LBK2-125L		125	39/24	14	RBH25LA ; CBH25; MBH16, 25	3.90
RBT50-LBK2-155L		155				4.00
RBT50-LBK3-125L	2	125	31	18	RBH32LA ; CBH32; MBH32	4.10
RBT50-LBK3-155L		155				4.20
＊RBT50-LBK3-200L		200			SRBH32LA ; SCBH32	4.30
RBT50-LBK4-115L		115	39	22	RBH40LA ; CBH40; MBH40; CBI4	4.30
RBT50-LBK4-145L		145				4.40
RBT50-LBK4-175L		175				4.80
＊RBT50-LBK4-215L		215			SRBH40LA ; SCBH40	5.20
＊RBT50-LBK4-255L		255				5.60
RBT50-LBK5-105L	2	105	50	28	RBH52LA ; CBH52; MBH52; CBI5	4.50
RBT50-LBK5-140L		140				5.00
RBT50-LBK5-180L		180				5.50
RBT50-LBK5-240L		240				6.20
＊RBT50-LBK5-305L		305			SRBH52LA ; SCBH52	7.60
RBT50-LBK6-075L	2	75	64	36	RBH68LA ; RBH90LA ; CBH68 ; MBH68; CBI6	4.30
RBT50-LBK6-125L		125				5.40
RBT50-LBK6-170L		170				6.30
RBT50-LBK6-230L		230				7.60
RBT50-LBK6-290L		290				9.00
＊RBT50-LBK6-350L		350			SRBH68LA ; SCBH68	10.50
＊RBT50-LBK6-400L		400				11.90
RBT50-LBK7-100L	2	100	88	58	CBH100,150A ; CBH200~500 ; RBH90,120,160A-LA ; RBH200~500LA ; MBH100,140A ; CBR200~500	4.80
RBT50-LBK7-150L		150				6.50
RBT50-LBK7-200L		200				8.00
RBT50-LBK7-250L		250				9.00
RBT50-LBK7-300L		300				10.00
RBT50-LBK7-350L		350				11.20
RBT50-LBK7-400L		400				12.30
RBT50-LBK7-450L		450				14.50
RBT50-LBK7-500L		500				15.70
RBT50-LBK7-550L		550				16.90
RBT50-LBK7-600L		600				18.30
BT40-BST-070L	3	70	95	50	RBH200, 300, 400 WBST150, 200, 300, 400	3.20
BT50-BST-100L		100				5.10
BT50-BST-150L		150				6.80
BT50-BST-200L		200				9.60
BT50-BST-250L		250				11.50
BT50-BST-300L		300				14.40
BT50-BST-350L		350				16.80
BT50-BST-400L		400				19.30
BT50-FMA47.625-75		75	128	47.625	RBH600LA~RBH1600LA; CBH600~CBH1600	7.00

＊紅色為減震系統專用加長刀桿 The highlighted ＊ marked items are dedicated to STABLELINE® damped tool series.

HSK-LBK BORING TOOL HOLDER
HSK-LBK搪孔刀桿



LBK系列
LBK Series

Fig.1

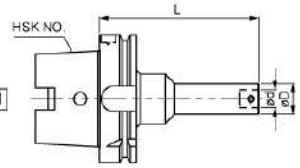
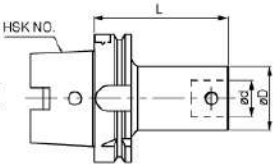


Fig.2

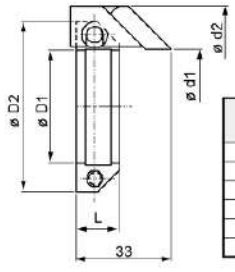


規格 Specifications:

型號 Type	樣式 Fig.	長度 L(mm) Length	外徑 øD (mm) External Diameter	內徑 ød (mm) Internal Diameter	接合搪刀頭 Applicable Boring Heads	重量 Weight(kg)
HSK-A 63-LBK1-075	2	75	19	11	CBH20 ; MBH20	0.82
HSK-A 63-LBK1-090		90				0.85
HSK-A 63-LBK1-105		105				0.88
HSK-A 63-LBK2-085		85	24	14	RBH25LA ; CBH25 ; MBH16 ; MBH25	0.91
HSK-A 63-LBK2-100		100				0.96
HSK-A 63-LBK2-115		115				1.01
HSK-A 63-LBK3-095		95	31	18	RBH32LA ; CBH32 ; MBH32	1.06
HSK-A 63-LBK3-125		125				1.21
HSK-A 63-LBK3-155		155				1.36
HSK-A 63-LBK4-085		85	39	22	RBH40LA ; CBH40 ; MBH40 ; CBI4	1.19
HSK-A 63-LBK4-130		130				1.55
HSK-A 63-LBK4-175		175				1.89
HSK-A 63-LBK5-075		75	50	28	RBH52LA ; CBH52 ; MBH52 ; CBI5	1.31
HSK-A 63-LBK5-125		125				1.97
HSK-A 63-LBK5-175		175				2.60
HSK-A 63-LBK6-070		70	64	36	RBH68LA ; 90LA ; CBH68 ; MBH68 ; CBI6	1.35
HSK-A 63-LBK6-115		115				2.30
HSK-A 63-LBK6-165		165				3.44
HSK-A 63-LBK7-105		105	88	58	CBH100A ; CBH150A ; MBH100A ; MBH140A RBH120A-LA ; RBH160A-LA	2.88
HSK-A100-LBK1-115	1	115	31/19	11	CBH20 ; MBH20	2.30
HSK-A100-LBK1-145		145				2.35
HSK-A100-LBK2-125		125	39/24	14	RBH25LA ; CBH25 ; MBH16 ; MBH25	2.43
HSK-A100-LBK2-155		155				2.52
HSK-A100-LBK3-125		125	45/31	18	RBH32LA ; CBH32 ; MBH32	2.53
HSK-A100-LBK3-155		155				2.68
*HSK-A100-LBK3-200		200			SRBH32LA ; SCBH32	2.88
HSK-A100-LBK4-115	2	115	39	22	RBH40LA ; CBH40 ; MBH40 ; CBI4	2.67
HSK-A100-LBK4-145		145				2.86
HSK-A100-LBK4-175		175				3.10
*HSK-A100-LBK4-215		215			SRBH40LA ; SCBH40	3.40
*HSK-A100-LBK4-255		255				3.70
HSK-A100-LBK5-105		105	50	28	RBH52LA ; CBH52 ; MBH52 ; CBI5	2.97
HSK-A100-LBK5-140		140				3.47
HSK-A100-LBK5-180		180				3.89
HSK-A100-LBK5-240		240				4.66
*HSK-A100-LBK5-305		305			SRBH52LA ; SCBH52	5.45
HSK-A100-LBK6-075		75	64	36	RBH68LA ; 90LA ; CBH68 ; MBH68 ; CBI6	2.80
HSK-A100-LBK6-125		125				4.02
HSK-A100-LBK6-170		170				4.78
HSK-A100-LBK6-230		230				5.90
HSK-A100-LBK6-290		290				7.08
*HSK-A100-LBK6-350		350			SRBH68LA ; SCBH68	8.26
*HSK-A100-LBK6-400		400				9.43
HSK-A100-LBK7-100		100	88	58	CBH100A ; CBH150A ; CBH200~1600 MBH100A ; MBH140A RBH90A-LA; RBH120A-LA;RBH160A-LA RBH120A-LA~1600LA CBR200~CBR1600	4.20
HSK-A100-LBK7-150		150				6.05
HSK-A100-LBK7-200		200				8.04
HSK-A100-LBK7-250		250				9.80
HSK-A100-LBK7-300		300				11.40
HSK-A100-LBK7-350		350				12.94
HSK-A100-LBK7-400		400				14.60
HSK-A100-LBK7-450		450				16.18
HSK-A100-LBK7-500		500				17.70
HSK-A100-LBK7-550		550				19.40
HSK-A100-LBK7-600		600				21.00

*紅色為減震系統專用刀長刀桿 The highlighted * marked items are dedicated to STABLELINE® damped tool series.

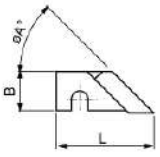
CHAMFER RING 倒角環





型號 Type	接合型號 LBK Type	最小加工直徑 ød1	最大加工直徑 ød2	L	重量 kg Weight
CR1	LBK1	19.5	42	15	0.08
CR2	LBK2	24.5	48		0.09
CR3	LBK3	31.5	55		0.11
CR4	LBK4	39.5	64		0.14
CR5	LBK5	51	75		0.17
CR6	LBK6	65	90		0.18

CHAMFER RING INSERT 倒角環刀片

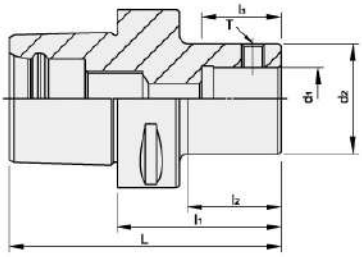




型號 Type	角度 A	長度 L Lengh	寬度 B Width	重量 kg Weight
CB30	30	35	14	0.015
CB45	45			
CB60	60			

PSC/LBK BORING TOOL HOLDER
PSC/LBK 搪頭刀柄





Model No. / Type	L	l_1	l_2	l_3	d_1	d_2	T	Weight (kgs)
PSC40 x LBK1 - 48	72	48	22.5	18	11	19	M4 x 0.5P	0.40
PSC40 x LBK2 - 45	69	45	19.5	18.5	14	24	M5 x 0.5P	0.40
PSC40 x LBK3 - 40	64	40	17	24	18	31	M6 x 0.75P	0.50
PSC40 x LBK4 - 33	57	33	12.5	28	22	39	M8 x 0.75P	0.50
PSC50 x LBK1 - 73	103	73	47.5	18	11	19	M4 x 0.5P	0.50
PSC50 x LBK2 - 85	115	85	60.5	18.5	14	24	M5 x 0.5P	0.60
PSC50 x LBK3 - 55	85	55	30	24	18	31	M6 x 0.75P	0.60
PSC50 x LBK3 - 80	110	80	55	24	18	31	M6 x 0.75P	0.70
PSC50 x LBK4 - 48	78	48	23	28	22	39	M8 x 0.75P	0.60
PSC50 x LBK4 - 73	103	73	48	28	22	39	M8 x 0.75P	0.70
PSC50 x LBK5 - 50	80	50	30	35	28	50	M10 x 1.0P	0.60
PSC50 x LBK5 - 83	113	83	63	35	28	50	M10 x 1.0P	1.30
PSC50 x LBK6 - 50	80	50	30	42	36	63	M12 x 1.0P	1.00
PSC63 x LBK1 - 78	116	78	44	18	11	19	M4 x 0.5P	1.20
PSC63 x LBK2 - 90	128	90	53	18.5	14	24	M5 x 0.5P	1.30
PSC63 x LBK3 - 65	103	65	38	24	18	31	M6 x 0.75P	1.30
PSC63 x LBK3 - 100	138	100	73	24	18	31	M6 x 0.75P	1.50
PSC63 x LBK4 - 58	96	58	31	28	22	39	M8 x 0.75P	1.30
PSC63 x LBK4 - 93	131	93	66	28	22	39	M8 x 0.75P	1.70
PSC63 x LBK5 - 48	86	48	22	35	28	50	M10 x 1.0P	1.30
PSC63 x LBK5 - 83	121	83	57	35	28	50	M10 x 1.0P	1.70
PSC63 x LBK6 - 59	97	59	37	42	36	63	M12 x 1.0P	1.60
PSC63 x LBK6 - 94	132	94	72	42	36	63	M12 x 1.0P	2.30

Features:

※Internal tolerance is H6.
※Center through coolant supply is available.

Product information:

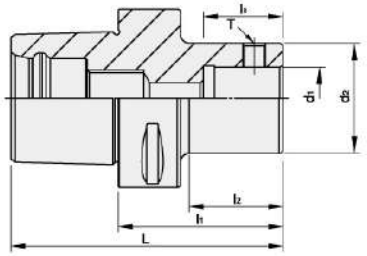
※The pre-balance reaches G6.3 5,000 rpm. Higher balancing grade and relevolution can be done upon request but additional charge is needed.

APPLICABLE BORING HEAD SERIES:

CBH	MBH	CBM	RBM	RBH-LA	CBR	CBI	Extension
							

PSC/LBK BORING TOOL HOLDER
PSC/LBK 搪頭刀柄





Model No. / Type	L	l_1	l_2	l_3	d_1	d_2	T	Weight (kgs)
PSC80 x LBK1 - 103	151	103	68	18	11	19	M4 x 0.5P	2.60
PSC80 x LBK2 - 115	163	115	80	18.5	14	23.5	M5 x 0.5P	2.70
PSC80 x LBK3 - 125	173	125	90	24	18	31	M6 x 0.75P	2.90
PSC80 x LBK4 - 118	166	118	83	28	22	39	M8 x 0.75P	3.10
PSC80 x LBK4 - 178	226	178	138	28	22	39	M8 x 0.75P	3.70
PSC80 x LBK5 - 108	156	108	73	35	28	50	M10 x 1.0P	3.50
PSC80 x LBK5 - 183	231	183	143	35	28	50	M10 x 1.0P	4.60
PSC80 x LBK6 - 74	122	74	39	42	36	63	M12 x 1.0P	3.20
PSC80 x LBK6 - 169	217	169	134	42	36	63	M12 x 1.0P	5.80
PSC80 x LBK7 - 73	121	73	38	52	46	90	M20 x 1.5P	5.00
PSC80 x LBK7 - 123	171	123	88	52	46	90	M20 x 1.5P	8.40

Features:
※Internal tolerance is H6.
※Center through coolant supply is available.

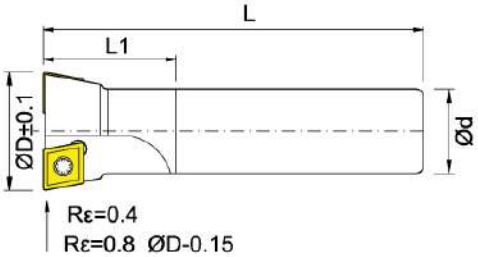
Product information:
※The pre-balance reaches G6.3 5,000 rpm. Higher balancing grade and relevolution can be done upon request but additional charge is needed.

APPLICABLE BORING HEAD SERIES:

CBH	MBH	CBM	RBM	RBH-LA	CBR	CBI	Extension
							

FIXED ROUGH BORING BARS
固定式粗搪刀





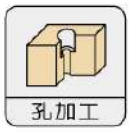
中心出水鋼柄 示意圖 Coolant steel shank

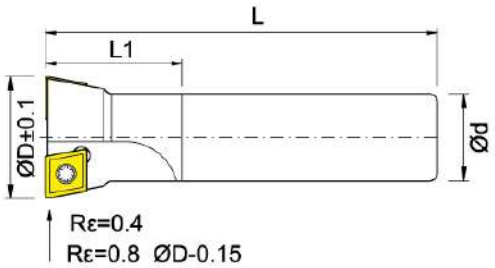


Item code	L	Item code	L	Item code	L	Item code	L	Dimensions,mm			Insert	Teeth
								D Rε=0.4	d	L1		
TB08-S16-120	120							7.8	16	12	CC..060204	1
TB09-S16-120								8.8		14		
TB10-S16-120		TB10-S16-160	160	TB10-S16-200	200			9.8		25		
TB11-S16-120		TB11-S16-160		TB11-S16-200				10.8				
TB12-S16-120		TB12-S/A16-160		TB12-S16-200				11.8		30		
TB13-S16-120		TB13-S/A16-160		TB13-S16-200				12.8				
TB14-S16-120		TB14-S/A16-160		TB14-S16-200				13.8				
TB15-S16-120	120	TB15-S/A16-160	160	TB15-S16-200	200	TB15-S16-250	250	14.8	16	30	CC..060204	1
TB16-S16-120		TB16-S/A16-160		TB16-S16-200				15.8				2
TB17-S16-120		TB17-S/A16-160		TB17-S16-200				16.8				
TB18-S16-120		TB18-S/A16-160		TB18-S16-200		TB18-S16-250	250	17.8				
TB19-S16-120		TB19-S/A16-160		TB19-S16-200		TB19-S16-250		18.8				
TB20-S16-120		TB20-S/A16-160		TB20-S16-200		TB20-S16-250		19.8				
TB21-S16-120		TB21-S/A16-160		TB21-S16-200		TB21-S16-250		20.8				
TB22-S16-120		TB22-S/A16-160		TB22-S16-200		TB22-S16-250		21.8				
TB23-S20-130	130	TB23-S/A20-160	160	TB23-S20-200	200	TB23-S20-250	250	22.8	20	30	CC..060204	2
TB24-S20-130		TB24-S/A20-160		TB24-S20-200		TB24-S20-250		23.8				
TB25-S20-130		TB25-S20-160		TB25-S20-200		TB25-S20-250		24.8				
TB26-S20-130	130	TB26-S20-160	160	TB26-S/A20-200	200	TB26-S20-250	250	25.8	20	30	CC..09T304	2
TB27-S20-130		TB27-S20-160		TB27-S/A20-200		TB27-S20-250		26.8				
TB28-S20-130		TB28-S20-160		TB28-S/A20-200		TB28-S20-250		27.8				
TB29-S20-130		TB29-S20-160		TB29-S/A20-250				28.8				
TB29-S25-160	160	TB29-S25-200	200	TB29-S25-250	250			28.8	25	30	CC..09T304	2
TB30-S25-160		TB30-S/A25-200		TB30-S25-250		TB30-S25-300	300	29.8		40		
TB31-S25-160		TB31-S/A25-200		TB31-S25-250		TB31-S25-300		30.8				
TB32-S25-160		TB32-S/A25-200		TB32-S25-250		TB32-S25-300		31.8				
TB33-S25-160		TB33-S/A25-200		TB33-S25-250		TB33-S25-300		32.8				
TB34-S25-160		TB34-S/A25-200		TB34-S25-250		TB34-S25-300		33.8				
TB35-S25-160		TB35-S/A25-200		TB35-S25-250		TB35-S25-300		34.8				
TB36-S25-160		TB36-S/A25-200		TB36-S25-250		TB36-S25-300		35.8				
TB37-S25-160		TB37-S/A25-200		TB37-S25-250		TB37-S25-300		36.8				
TB38-S25-160		TB38-S/A25-200		TB38-S25-250		TB38-S25-300		37.8				
TB39-S25-160		TB39-S/A25-200		TB39-S25-250		TB39-S25-300		38.8				
TB40-S25-160		TB40-S/A25-200		TB40-S25-250		TB40-S25-300		39.8				
TB35-S32-160	160	TB35-S32-200	200	TB35-S32-250	250	TB35-S32-300	300	34.8		50	CC..09T304	2
TB36-S32-160		TB36-S32-200		TB36-S32-250		TB36-S32-300		35.8		60		
TB37-S32-160		TB37-S32-200		TB37-S32-250		TB37-S32-300		36.8				
TB38-S32-160		TB38-S32-200		TB38-S32-250		TB38-S32-300		37.8		40		
TB39-S32-160		TB39-S32-200		TB39-S32-250		TB39-S32-300		38.8				
TB40-S32-160		TB40-S32-200		TB40-S32-250		TB40-S32-300		39.8		45		
TB41-S/A32-200		TB41-S32-250		TB41-S32-300		TB41-S32-350	350	40.8		45	CC..09T304	2
TB42-S/A32-200		TB42-S32-250		TB42-S32-300				41.8				
TB43-S/A32-200		TB43-S32-250		TB43-S32-300				42.8				
TB44-S/A32-200		TB44-S32-250		TB44-S32-300				43.8				
TB45-S/A32-200		TB45-S32-250		TB45-S32-300				44.8				
TB46-S/A32-200		TB46-S32-250		TB46-S32-300				45.8				
TB47-S/A32-200		TB47-S32-250		TB47-S32-300				46.8				
TB48-S/A32-200		TB48-S32-250		TB48-S32-300				47.8				
TB49-S/A32-200		TB49-S32-250		TB49-S32-300				48.8				
TB50-S/A32-200		TB50-S32-250		TB50-S32-300				49.5				
TB51-S/A32-200	200	TB51-S32-250	250	TB51-S32-300	300		350	50.8		45	CC..09T304	2
TB52-S/A32-200		TB52-S32-250		TB52-S32-300		TB52-S32-350		51.8				
TB53-S/A32-200		TB53-S32-250		TB53-S32-300				52.8				
TB54-S/A32-200		TB54-S32-250		TB54-S32-300				53.8				
TB55-S/A32-200		TB55-S32-250		TB55-S32-300				54.8				
TB56-S/A32-200		TB56-S32-250		TB56-S32-300				55.8				
TB57-S/A32-200		TB57-S32-250		TB57-S32-300				56.8				

※S=鋼柄 Steel shank.　A=鋼柄水孔 Steel shank + coolant hole.

FIXED ROUGH BORING BARS
固定式粗搪刀





中心出水鋼柄 示意圖 Coolant steel shank



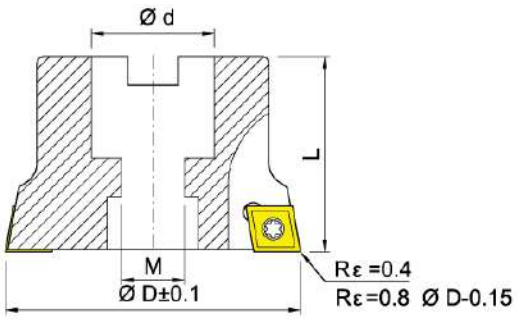
Item code	L	Item code	L	Item code	L	Dimensions,mm			Insert	Teeth
						D Rε=0.4	d	L1		
TB08E-S16-120	120					8.0	16	12	CC..060204	1
TB09E-S16-120						9.0		14		
TB10E-S16-120		TB10E-S16-160	160			10.0		25		
TB11E-S16-120		TB11E-S16-160				11.0				
TB12E-S16-120		TB12E-S16-160		TB12E-S16-200	200	12.0		30		
TB13E-S16-120		TB13E-S16-160		TB13E-S16-200		13.0				
TB14E-S16-120		TB14E-S16-160		TB14E-S16-200		14.0				
TB15E-S16-120		TB15E-S16-160		TB15E-S16-200		15.0				
TB16E-S16-120	120	TB16E-S16-160	160	TB16E-S16-200	200	16.0	16	30	CC..060204	2
TB17E-S16-120		TB17E-S16-160		TB17E-S16-200		17.0				
TB18E-S16-120		TB18E-S16-160		TB18E-S16-200		18.0				
TB19E-S16-120		TB19E-S16-160		TB19E-S16-200		19.0				
TB20E-S16-120		TB20E-S16-160		TB20E-S16-200		20.0				
TB21E-S16-120	120	TB21E-S16-160	160	TB21E-S16-200	200	21.0	16	30		2
TB22E-S16-120		TB22E-S16-160		TB22E-S16-200		22.0				
TB23E-S20-130	130	TB23E-S20-160	160	TB23E-S20-200	200	23.0	20	30	CC..060204	2
TB24E-S20-130		TB24E-S20-160		TB24E-S20-200		24.0				
TB25E-S20-130		TB25E-S20-160		TB25E-S20-200		25.0				
TB26E-S20-130	130	TB26E-S20-160	160	TB26E-S20-200	200	26.0	20	30	CC..09T304	2
		TB27E-S20-160		TB27E-S20-200		27.0				
TB28E-S20-130		TB28E-S20-160		TB28E-S20-200		28.0				
		TB29E-S20-160		TB29E-S20-200		29.0				
TB30E-S25-160	160	TB30E-S25-200	200	TB30E-S25-250	250	30.0	25	40	CC..09T304	2
TB31E-S25-160	160	TB31E-S25-200	200	TB31E-S25-250	250	31.0	25	40	CC..09T304	2
TB32E-S25-160		TB32E-S25-200		TB32E-S25-250		32.0				
TB33E-S25-160		TB33E-S25-200		TB33E-S25-250		33.0				
TB34E-S25-160		TB34E-S25-200		TB34E-S25-250		34.0				
TB35E-S25-160		TB35E-S25-200		TB35E-S25-250		35.0				
TB36E-S25-160	160	TB36E-S25-200	200	TB36E-S25-250	250	36.0	25	40	CC..09T304	2
TB37E-S25-160		TB37E-S25-200		TB37E-S25-250		37.0				
TB38E-S25-160		TB38E-S25-200		TB38E-S25-250		38.0				
TB39E-S25-160		TB39E-S25-200		TB39E-S25-250		39.0				
TB40E-S25-160		TB40E-S25-200		TB40E-S25-250		40.0				
TB38E-S32-200	200	TB38E-S32-250	250	TB38E-S25-250		38.0	32	45	CC..09T304	2
TB39E-S32-200		TB39E-S32-250		TB39E-S25-250		39.0				
TB40E-S32-200	200	TB40E-S32-250	250	TB40E-S25-250	300	40.0	32	45	CC..09T304	2
TB41E-S32-200		TB41E-S32-250		TB41E-S32-300		41.0				
TB42E-S32-200		TB42E-S32-250		TB42E-S32-300		42.0				
TB43E-S32-200		TB43E-S32-250		TB43E-S32-300		43.0				
TB44E-S32-200		TB44E-S32-250		TB44E-S32-300		44.0				
TB45E-S32-200		TB45E-S32-250		TB45E-S32-300		45.0				
TB46E-S32-200	200	TB46E-S32-250	250	TB46E-S32-300	300	46.0	32	45		2
TB47E-S32-200		TB47E-S32-250		TB47E-S32-300		47.0				
TB48E-S32-200		TB48E-S32-250		TB48E-S32-300		48.0				
TB49E-S32-200		TB49E-S32-250		TB49E-S32-300		49.0				
TB50E-S32-200		TB50E-S32-250		TB50E-S32-300		50.0				
TB51E-S32-200	200	TB51E-S32-250	250	TB51E-S32-300	300	51.0	32	45		2
TB52E-S32-200		TB52E-S32-250		TB52E-S32-300		52.0				
TB53E-S32-200		TB53E-S32-250		TB53E-S32-300		53.0				
TB54E-S32-200		TB54E-S32-250		TB54E-S32-300		54.0				
TB55E-S32-200		TB55E-S32-250		TB55E-S32-300		55.0				
TB56E-S32-200	200	TB56E-S32-250	250	TB56E-S32-300	300	56.0	32	45		2
TB57E-S32-200		TB57E-S32-250		TB57E-S32-300		57.0				

※S=鋼柄 Steel shank. A=鋼柄水孔 Steel shank + coolant hole.

FIXED ROUGH BORING BARS
固定式粗搪刀

孔加工





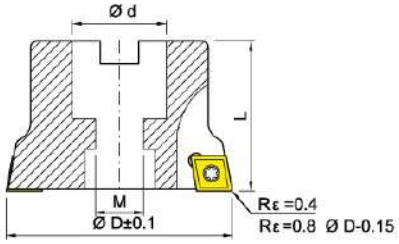


Item code (d=22.0)	Item code (d=25.4)	Insert	Item code (d=22.0,25.4)	Insert	D Rε=0.4	Teeth
TB45-22.0-CC09		CC..09T304		CC..120404	44.8	2
TB46-22.0-CC09					45.8	
TB47-22.0-CC09					46.8	
TB48-22.0-CC09					47.8	
TB49-22.0-CC09					48.8	
TB50-22.0-CC09	**TB50-25.4-CC09**				49.8	
TB51-22.0-CC09	**TB51-25.4-CC09**	CC..09T304		CC..120404	50.8	2
TB52-22.0-CC09	**TB52-25.4-CC09**				51.8	
TB53-22.0-CC09	**TB53-25.4-CC09**				52.8	
TB54-22.0-CC09	**TB54-25.4-CC09**				53.8	
TB55-22.0-CC09	**TB55-25.4-CC09**		**TB55-22.0-CC12**		54.8	
TB56-22.0-CC09	**TB56-25.4-CC09**	CC..09T304	**TB56-22.0-CC12**	CC..120404	55.8	2
TB57-22.0-CC09	**TB57-25.4-CC09**		**TB57-22.0-CC12**		56.8	
TB58-22.0-CC09	**TB58-25.4-CC09**		**TB58-22.0-CC12**		57.8	
TB59-22.0-CC09	**TB59-25.4-CC09**		**TB59-22.0-CC12**		58.8	
TB60-22.0-CC09	**TB60-25.4-CC09**		**TB60-22.0-CC12**		59.8	
TB61-22.0-CC09	**TB61-25.4-CC09**	CC..09T304	**TB61-25.4-CC12**	CC..120404	60.8	2
TB62-22.0-CC09	**TB62-25.4-CC09**		**TB62-25.4-CC12**		61.8	
TB63-22.0-CC09	**TB63-25.4-CC09**		**TB63-25.4-CC12**		62.8	
TB64-22.0-CC09	**TB64-25.4-CC09**		**TB64-25.4-CC12**		63.8	
TB65-22.0-CC09	**TB65-25.4-CC09**		**TB65-25.4-CC12**		64.8	
TB66-22.0-CC09	**TB66-25.4-CC09**	CC..09T304	**TB66-25.4-CC12**	CC..120404	65.8	2
TB67-22.0-CC09	**TB67-25.4-CC09**		**TB67-25.4-CC12**		66.8	
TB68-22.0-CC09	**TB68-25.4-CC09**		**TB68-25.4-CC12**		67.8	
TB69-22.0-CC09	**TB69-25.4-CC09**		**TB69-25.4-CC12**		68.8	
TB70-22.0-CC09	**TB70-25.4-CC09**		**TB70-25.4-CC12**		69.8	
TB71-22.0-CC09	**TB71-25.4-CC09**	CC..09T304	**TB71-25.4-CC12**	CC..120404	70.8	2
TB72-22.0-CC09	**TB72-25.4-CC09**		**TB72-25.4-CC12**		71.8	
	TB73-25.4-CC09		**TB73-25.4-CC12**		72.8	
	TB74-25.4-CC09		**TB74-25.4-CC12**		73.8	
TB75-22.0-CC09	**TB75-25.4-CC09**		**TB75-25.4-CC12**		74.8	
	TB76-25.4-CC09	CC..09T304	**TB76-25.4-CC12**	CC..120404	75.8	2
	TB77-25.4-CC09		**TB77-25.4-CC12**		76.8	
	TB78-25.4-CC09		**TB78-25.4-CC12**		77.8	
	TB79-25.4-CC09		**TB79-25.4-CC12**		78.8	
	TB80-25.4-CC09		**TB80-25.4-CC12**		79.8	

FIXED ROUGH BORING BARS
固定式粗搪刀

孔加工







Item code (d=25.4)	Insert	Item code (d=25.4)	Item code (d=31.75)	Insert	D Rε=0.4	Teeth
TB81-25.4-CC09	CC..09T304	**TB81-25.4-CC12**		CC..120404	80.8	2
TB82-25.4-CC09		**TB82-25.4-CC12**			81.8	
		TB83-25.4-CC12			82.8	
TB84-25.4-CC09		**TB84-25.4-CC12**			83.8	
TB85-25.4-CC09		**TB85-25.4-CC12**			84.8	
TB86-25.4-CC09	CC..09T304	**TB86-25.4-CC12**		CC..120404	85.8	2
		TB87-25.4-CC12			86.8	
TB88-25.4-CC09		**TB88-25.4-CC12**			87.8	
		TB89-25.4-CC12			88.8	
TB90-25.4-CC09		**TB90-25.4-CC12**			89.8	
	CC..09T304	**TB91-25.4-CC12**		CC..120404	90.8	2
TB92-25.4-CC09		**TB92-25.4-CC12**			91.8	
		TB93-25.4-CC12			92.8	
TB94-25.4-CC09		**TB94-25.4-CC12**			93.8	
TB95-25.4-CC09		**TB95-25.4-CC12**			94.8	
TB96-25.4-CC09	CC..09T304	**TB96-25.4-CC12**		CC..120404	95.8	2
		TB97-25.4-CC12			96.8	
TB98-25.4-CC09		**TB98-25.4-CC12**			97.8	
		TB99-25.4-CC12			98.8	
TB100-25.4-CC09		**TB100-25.4-CC12**	**TB100-31.75-CC12**		99.8	
	CC..09T304	**TB101-25.4-CC12**	**TB101-31.75-CC12**	CC..120404	100.8	2
		TB102-25.4-CC12	**TB102-31.75-CC12**		101.8	
			TB103-31.75-CC12		102.8	
TB104-25.4-CC09			**TB104-31.75-CC12**		103.8	
TB105-25.4-CC09		**TB105-25.4-CC12**	**TB105-31.75-CC12**		104.8	
	CC..09T304		**TB106-31.75-CC12**	CC..120404	105.8	2
			TB107-31.75-CC12		106.8	
TB108-25.4-CC09		**TB108-25.4-CC12**	**TB108-31.75-CC12**		107.8	
			TB109-31.75-CC12		108.8	
TB110-25.4-CC09		**TB110-25.4-CC12**	**TB110-31.75-CC12**		109.8	
	CC..09T304		**TB111-31.75-CC12**	CC..120404	110.8	2
TB112-25.4-CC09		**TB112-25.4-CC12**	**TB112-31.75-CC12**		111.8	
			TB113-31.75-CC12		112.8	
			TB114-31.75-CC12		113.8	
TB115-25.4-CC09		**TB115-25.4-CC12**	**TB115-31.75-CC12**		114.8	
	CC..09T304		**TB116-31.75-CC12**	CC..120404	115.8	2
			TB117-31.75-CC12		116.8	
		TB118-25.4-CC12	**TB118-31.75-CC12**		117.8	
			TB119-31.75-CC12		118.8	
TB120-25.4-CC09		**TB120-25.4-CC12**	**TB120-31.75-CC12**		119.8	
	CC..09T304		**TB121-31.75-CC12**	CC..120404	120.8	2
TB122-25.4-CC09			**TB122-31.75-CC12**		121.8	
			TB123-31.75-CC12		122.8	
			TB124-31.75-CC12		123.8	
			TB125-31.75-CC12		124.8	
			TB126-31.75-CC12	CC..120404	125.8	2
			TB127-31.75-CC12		126.8	
			TB128-31.75-CC12		127.8	
			TB129-31.75-CC12		128.8	
			TB130-31.75-CC12		129.8	

FIXED ROUGH BORING BARS
固定式粗搪刀

孔加工

FIG-1

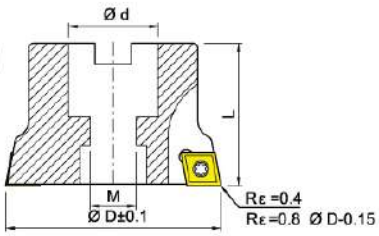
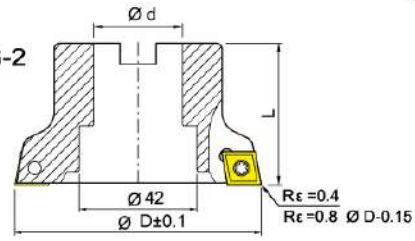


FIG-2



Item code (d=25.4)	Insert	Item code (d=25.4)	FIG-1 Item code (d=31.75)	Insert	D Rε=0.4	Teeth
			TB131-31.75-CC12	CC..120404	130.8	2
			TB132-31.75-CC12		131.8	
			TB133-31.75-CC12		132.8	
			TB134-31.75-CC12		133.8	
			TB135-31.75-CC12		134.8	
			TB136-31.75-CC12	CC..120404	135.8	2
			TB137-31.75-CC12		136.8	
			TB138-31.75-CC12		137.8	
			TB139-31.75-CC12		138.8	
			TB140-31.75-CC12		139.8	
			TB141-31.75-CC12	CC..120404	140.8	2
			TB142-31.75-CC12		141.8	
			TB143-31.75-CC12		142.8	
			TB144-31.75-CC12		143.8	
			TB145-31.75-CC12		144.8	
			TB146-31.75-CC12	CC..120404	145.8	2
			TB147-31.75-CC12		146.8	
			TB148-31.75-CC12		147.8	
			TB149-31.75-CC12		148.8	
			TB150-31.75-CC12		149.8	
			TB151-31.75-CC12	CC..120404	150.8	2
			TB155-31.75-CC12		154.8	
			TB156-31.75-CC12		155.8	
			TB160-31.75-CC12		159.8	
			TB161-31.75-CC12	CC..120404	160.8	2
			TB165-31.75-CC12		164.8	
			TB170-31.75-CC12		169.8	
			TB175-31.75-CC12	CC..120404	174.8	2
			TB180-31.75-CC12		179.8	
			TB185-31.75-CC12	CC..120404	184.8	2
			TB187-31.75-CC12		186.8	
			TB190-31.75-CC12		189.8	
			TB195-31.75-CC12	CC..120404	194.8	2
			TB200-31.75-CC12		199.8	
			TB201-31.75-CC12		200.8	

Item code (d=25.4)	Insert	Item code (d=25.4)	FIG-2 Item code (d=31.75)	Insert	D Rε=0.4	Teeth
			TB100-31.75-CC12F	CC..120404	99.8	2
			TB105-31.75-CC12F		104.8	
			TB110-31.75-CC12F		109.8	
			TB115-31.75-CC12F		114.8	
			TB120-31.75-CC12F		119.8	

Insert	Screw	Wrench
CC..060204	MS2506A	TF9
CC..09T304	MS4011A	TF15
CC..120404	MS5011A	TF20

Dimensions,mm	d	M	L
TB...-22.0-...	22.0	11	50
TB...-25.4-...	25.4	13	50
TB...-31.75-...	31.75	13	50

SQUARE CUTTER BORING BAR/BSA - BT30, BT40, BT50
粗搪孔刀柄

Fig1

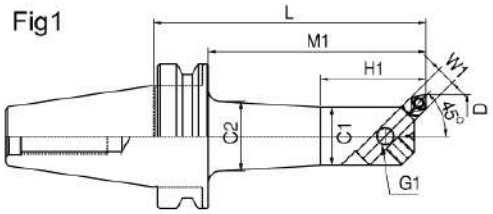
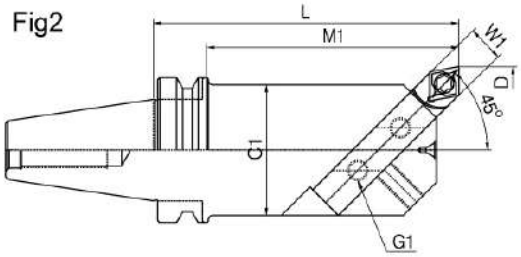


Fig2







MODEL NO	Fig	D		L	M1	C1	C2	H1	G1	W1	Kg
		min	max								
BT30-BSA20-105	1	20	30	105	81	17	19	30	M6	6.35	0.8
-BSA25-120		25	38	120	96	20	24	35	M6	6.35	0.9
-BSA30-150		30	42	150	126	24	28	40	M6	8	0.9
-BSA38-165		38	52	165	141	30	36	50	M8	10	1.0
-BSA50-165		50	65	165	141	40	48	65	M12	13	1.3
BT40-BSA25-120	1	25	38	120	90	20	23	35	M6	6.35	1.2
-BSA30-150		30	42	150	120	24	26	40	M6	8	1.4
-BSA38-165		38	52	165	135	30	33	50	M8	10	1.7
-BSA50-165		50	65	165	135	40	48	65	M12	13	2.3
-BSA62-180		62	90	180	150	50	58	80	M14	16	3.4
-BSA72-180	2	72	110	180	150	60	—	—	M16	19.05	3.9
-BSA90-180		90	125	180	150	75	—	110	M16	19.05	5.2
BT50-BSA25-135	1	25	38	135	92	20	23	35	M6	8	4.2
-BSA30-160		30	42	160	122	24	28	40	M6	8	4.4
-BSA38-180		38	52	180	137	30	36	50	M8	10	8
-BSA42-210		42	56	210	167	34	39	60	M8	10	5
-270				270	227						5.6
-BSA50-180		50	65	180	137	40	48	65	M12	13	5.4
-240				240	197						5.7
-BSA62-195		62	90	195	152	50	50	80	M14	16	6.2
-270				270	227						7.6
-BSA72-195		72	110	195	152	60	70	95	M16	19.05	7
-285				285	242						9.3
-BSA90-210		90	125	210	167	75	80	110	M16	19.05	9.2
-300				300	257						12.3
-BSA105-195	2	105	160	195	—	90	—	—	M16	25	10.7
-285	1			285			94	130			15
-BSA130-195	2	130	190	195	—	110	—	120	M16	25	12
-255				255							14.5

BORING BAR/BSA - NT40, NT50
粗搪孔刀柄

Fig1

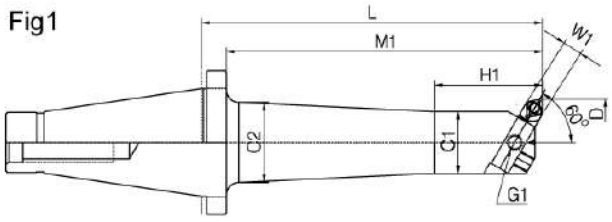
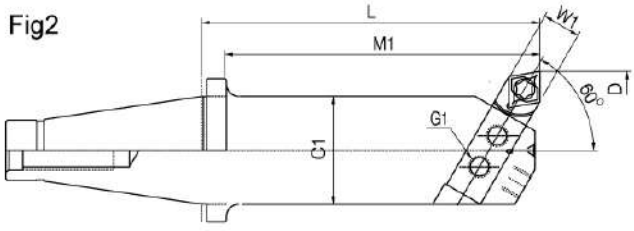


Fig2





MODEL NO	Fig	D		L	M1	C1	C2	H1	G1	W1	Kg
		min	max								
NT40-BSA20-120	1	25	38	130	120	20	23	35	M6	1/4"	1.2
-BSA25-150		30	42	165	150	25	28	40	M6	5/16"	1.4
-BSA30-165		38	52	175	165	30	38	50	M8	5/16"	1.7
-BSA40-165		50	65	175	165	40	48	65	M12	1/2"	2.3
-BSA50-180		62	90	190	180	50	58	—	M14	5/8"	3.4
-BSA60-180	2	72	110	190	180	60	—	—	M16	3/4"	3.9
-BSA70-180		90	125	190	180	70	—	—	M16	3/4"	5.2
NT50-BSA20-135	1	25	38	150	135	20	23	35	M6	5/16"	4.2
-BSA25-165		30	42	180	165	25	28	40	M6	5/16"	4.4
-BSA30-180		38	52	195	180	30	38	50	M8	3/8"	4.8
-BSA35-230		42	58	245	230	35	40	60	M8	1/2"	5.2
-BSA40-160	1	50	65	175	160	40	48	65	M12	1/2"	5.6
-250				265	250						5.8
-BSA50-165		62	90	180	165	50	58	80	M14	1/2"	6.1
-250				265	250						7.7
-BSA60-195		72	110	210	195	60	68	95	M14	5/8"	7
-250				265	250						9.3
-BSA70-195		90	125	210	195	70	78	110	M16	3/4"	9.2
-250				265	250						12.3
-BSA80-200	2	105	160	215	200	80	—	—	M16	3/4"	10.7
-300	1			315	300		90	130			15
-BSA90-200	2	120	190	215	200	90	—	—	M16	3/4"	12
-300	1			315	300		98	130			17
-BSA105-195	2	130	200	210	—	105	—	—	M16	1"	13
-285				300							16

BORING BAR/BSB - BT30, BT40, BT50
粗搪孔刀柄

Fig1

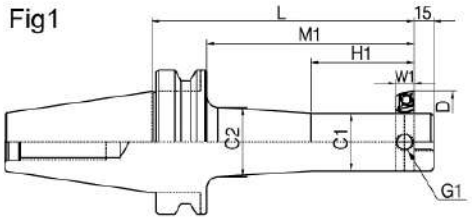
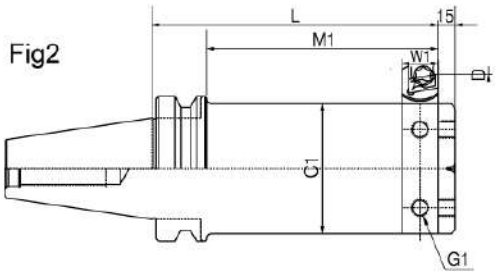


Fig2





MODEL NO	Fig	D		L	M1	C1	C2	H1	G1	W1	Kg
		min	max								
BT30-BSB20-105	1	20	30	105	81	17	19	30	M6	6.35	0.8
-BSB25-120		25	38	120	96	20	24	35	M6	6.35	0.9
-BSB30-150		30	42	150	126	24	28	40	M6	8	1.0
-BSB38-165		38	52	165	141	30	36	45	M8	10	1.1
-BSB50-165		50	65	165	141	40	48	50	M12	13	1.2
BT40-BSB25-120	1	25	52	120	90	20	23	35	M6	6.35	1.2
-BSB38-150		38	70	150	120	30	35	55	M8	10	1.7
-BSB50-165		50	90	165	135	40	48	70	M12	13	2.5
-BSB62-180		62	115	180	150	50	60	80	M14	16	3.6
-BSB72-180	2	72	135	180	150	60	—	—	M14	19.05	4.5
-BSB90-180		90	150	180	150	75	—	115	M14	19.05	5.9
BT50-BSB25-135	1	25	52	135	92	20	23	35	M6	8	4.3
-BSB38-180		38	70	180	137	30	36	55	M8	10	4.9
-BSB50-180		50	90	180	137	40	48	70	M12	13	5.5
-240				240	197						5.8
-BSB62-195		62	115	195	152	50	58	80	M14	16	6.4
-270				270	227						7.8
-BSB72-195		72	135	195	152	60	68	95	M16	19.05	7.3
-285				285	242						9.6
-BSB90-210		90	150	210	167	75	80	115	M16	19.05	9.7
-300				300	257						12.8
-BSB105-195	2	105	160	195	—	90	—	—	M16	25	11.4
-285	1			285			94	135			15.7
-BSB130-195	2	130	260	195	—	110	—	60	M16	25	12.5
-255				255							14.1

SQUARE CUTTER BORING BAR/BSB - NT40, NT50
粗搪孔刀柄

Fig1

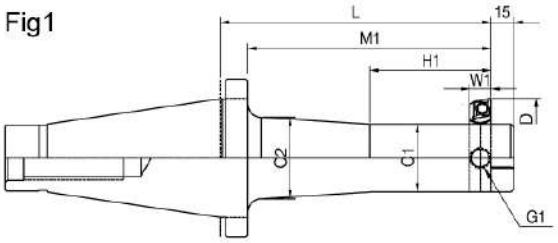
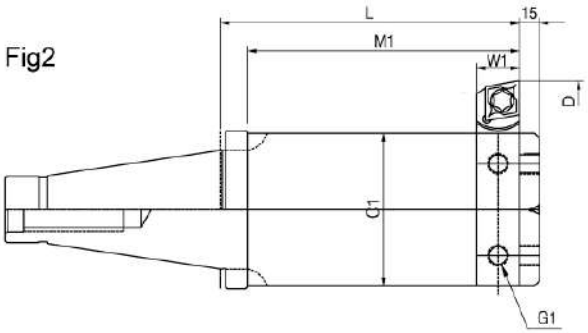


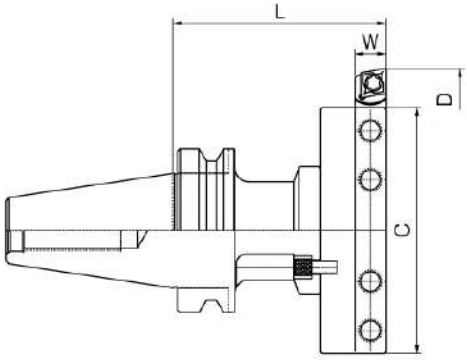
Fig2





MODEL NO	Fig	D		L	M1	C1	C2	H1	G1	W1	Kg
		min	max								
NT40-BSB20-120	1	25	38	120	105	20	23	35	M6	5/16"	1.2
-BSB25-150		30	42	150	135	25	28	40	M6	5/16"	1.4
-BSB30-165		38	55	165	150	30	38	50	M8	3/8"	1.7
-BSB40-165		50	70	165	150	40	48	60	M10	1/2"	2.3
-BSB50-180		62	95	180	165	50	58	70	M14	5/8"	3.4
-BSB60-180	2	72	140	180	165	60	—	—	M16	5/8"	5.2
NT50-BSB20-135	1	25	38	135	150	20	24	35	M6	5/16"	4.4
-BSB25-165		30	45	165	150	25	28	40	M6	3/8"	4.8
NT50-BSB30-165		38	52	165	150	30	38	50	M8	3/8"	4.9
-210				210	195						5.2
-BSB35-150	1	42	58	150	135	35	40	50	M8	1/2"	4.7
-250				250	235						6.5
-BSB40-180		50	80	180	165	40	48	60	M10	1/2"	5.0
-260				260	245						6.5
-BSB50-200		62	100	200	185	50	58	70	M14	5/8"	6.3
-250				250	235						7.0
-BSB60-195		72	120	195	180	60	68	80	M16	5/8"	6.3
-250				250	235						7.2
-BSB70-200		90	150	200	185	70	78	90	M16	3/4"	6.8
-250				250	235						7.8
-BSB80-200	2	100	170	200	185	80	—	—	M16	3/4"	10.8
-250				250	235						11.8
-BSB90-195		120	190	195	180	90	—	—	M16	1"	11.4
-300				300	285						17.0
-BSB100-160		120	220	160	145	100	—	—	M16	1"	10.5
-285				285	210						11.0

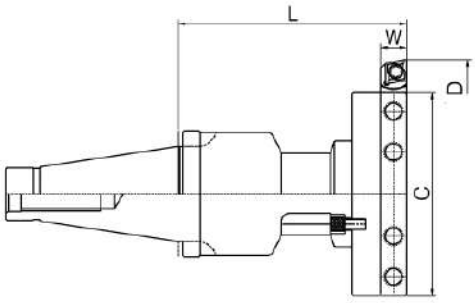
LARGE SIZE BORING BAR - BT50
大孔徑搪孔刀柄





MODEL NO	D		L	C	W	G1	G2	Kg
	min	max						
BT50-BST150-150	170	250	150	150	19	M14	M10	9.1
-BST200-150	220	300	150	200	19	M14	M10	10.3
-BST250-150	270	350	150	250	25	M14	M10	11.3
-BST300-150	320	400	150	300	25	M14	M10	12.2
-BST400-150	420	500	150	400	25	M14	M10	14.5

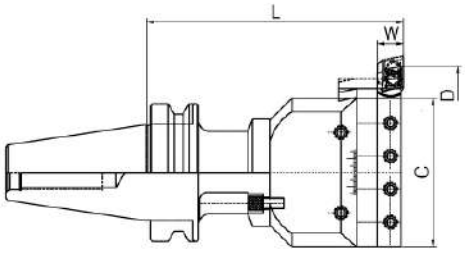
LARGE SIZE BORING BAR - NT50
大孔徑搪孔刀柄





MODEL NO	D		L	C	W	G1	G2	Kg
	min	max						
NT50-BST150-150	170	250	150	150	19	M14	M10	9.1
-BST200-150	220	300	150	200	19	M14	M10	10.3
-BST250-150	270	350	150	250	25	M14	M10	11.3
-BST300-150	320	400	150	300	25	M14	M10	12.2
-BST400-150	420	500	150	400	25	M14	M10	14.5

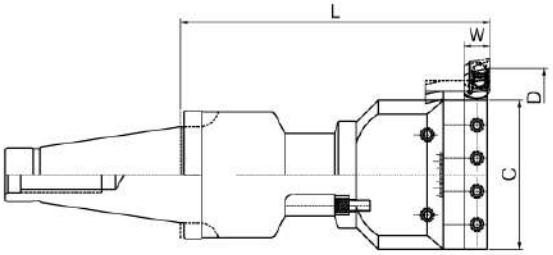
LARGE SIZE MICRO BORING BAR - BT40, BT50
大孔徑精搪孔刀柄





MODEL NO	D		C	L	W	Kg
	min	max				
BT40-MK83-180	95	160	83	180	20	6.5
-MK108-180	130	250	108	180	20	6.7
-MK160-180	240	360	160	180	20	7.5
BT50-MK83-180	95	160	83	180	20	7.5
-MK108-180	130	250	108	180	20	8.0
-MK160-180	240	360	160	180	20	7.9
-MK200-180	280	420	200	180	20	8.5

LARGE SIZE MICRO BORING BAR - NT50
大孔徑精搪孔刀柄



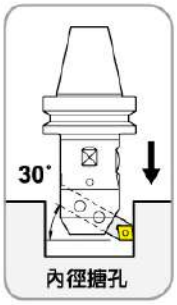


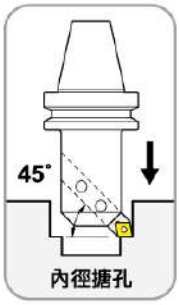
MODEL NO	D		C	L	W	Kg
	min	max				
NT50-MK83-180	95	160	83	180	20	7.0
-MK108-180	130	250	108	180	20	7.8
-MK160-180	240	360	160	180	20	7.9
-MK200-180	280	420	200	180	20	8.1

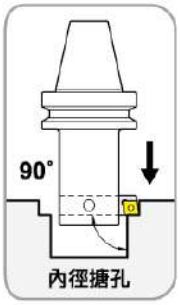
BORING CUTTER
搪孔刀

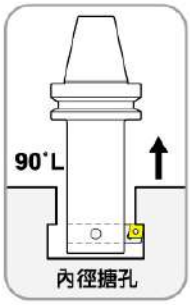


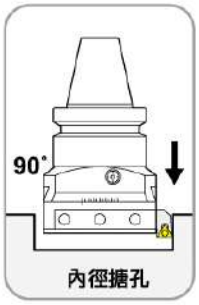












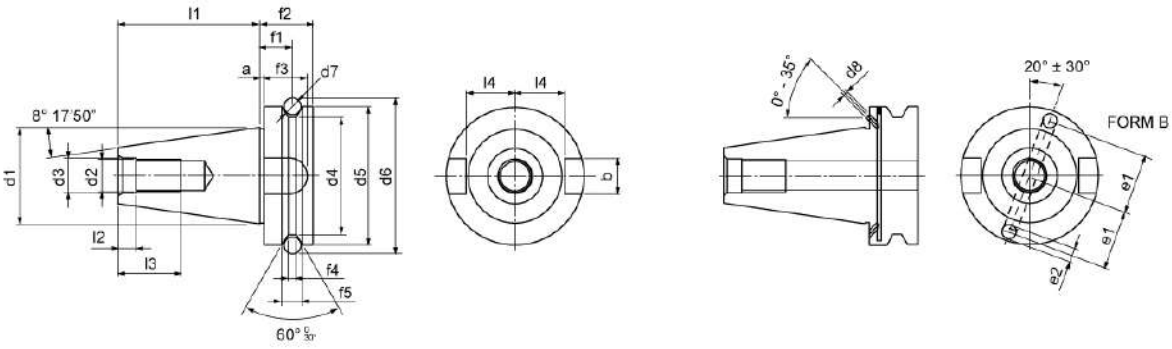
Insert Shape	Fig-1 Item code	Insert	Fig-2 Item code	Insert	Fig-2 Item code	Insert	Fig-3 Item code	Insert	Dimensions,mm H	W	L	Weight (kg)
1 L W 30°	**TBS306**	CC..0602..	**TSBS306**	TC..0902..	**SBS306**	TP..0902..			6	6	55	0.03
	TBS308	CC..0602..	**TSBS308**	TC..0902..	**SBS308**	TP..0902..	**SBS308A**	TP..0902..	8	8	55	0.04
	TBS310	CC..0602..	**TSBS310**	TC..0902..	**SBS310**	TP..0902..	**SBS310A**	TP..0902..	10	10	65	0.06
	TBS313	CC..09T3..	**TSBS313**	TC..1102..	**SBS313**	TP..1103..	**SBS313A**	TP..1103..	13	13	80	0.12
2 30°	**TBS316**	CC..09T3..	**TSBS316**	TC..16T3..	**SBS316**	TP..1103..	**SBS316A**	TP..1103..	16	16	120	0.26
					SBS316B	TP..1603..			16	16	120	0.26
	TBS319	CC..1204..	**TSBS319**	TC..16T3..	**SBS319**	TP..1603..	**SBS319A**	TP..1603..	19	19	140	0.40
3 27°	**TBS325**	CC..1204..	**TSBS325**	TC..16T3..	**SBS325**	TP..1603..			25	25	150	0.73
1 L W 45°	**TBS406**	CC..0602..	**TSBS406**	TC..0902..	**SBS406**	TP..0902..			6	6	55	0.03
	TBS408	CC..0602..	**TSBS408**	TC..0902..	**SBS408**	TP..0902..	**SBS408A**	TP..0902..	8	8	55	0.04
	TBS410	CC..0602..	**TSBS410**	TC..0902..	**SBS410**	TP..0902..	**SBS410A**	TP..0902..	10	10	65	0.06
	TBS413	CC..09T3..	**TSBS413**	TC..1102..	**SBS413**	TP..1103..	**SBS413A**	TP..1103..	13	13	80	0.12
2 45°	**TBS416**	CC..09T3..	**TSBS416**	TC..16T3..	**SBS416**	TP..1103..	**SBS416A**	TP..1103..	16	16	120	0.26
					SBS416B	TP..1603..			16	16	120	0.26
	TBS419	CC..1204..	**TSBS419**	TC..16T3..	**SBS419**	TP..1603..	**SBS419A**	TP..1603..	19	19	140	0.40
3 42°	**TBS425**	CC..1204..	**TSBS425**	TC..16T3..	**SBS425**	TP..1603..			25	25	150	0.73
1 L W 90°	**TBS906**	CC..0602..	**TSBS906**	TC..0902..	**SBS906**	TP..0902..			6	6	55	0.03
	TBS908	CC..0602..	**TSBS908**	TC..0902..	**SBS908**	TP..0902..	**SBS908A**	TP..0902..	8	8	55	0.04
	TBS910	CC..0602..	**TSBS910**	TC..0902..	**SBS910**	TP..0902..	**SBS910A**	TP..0902..	10	10	65	0.06
	TBS913	CC..09T3..	**TSBS913**	TC..1102..	**SBS913**	TP..1103..	**SBS913A**	TP..1103..	13	13	80	0.12
2 90°	**TBS916**	CC..09T3..	**TSBS916**	TC..16T3..	**SBS916**	TP..1103..	**SBS916A**	TP..1103..	16	16	120	0.26
					SBS916B	TP..1603..			16	16	120	0.26
	TBS919	CC..1204..	**TSBS919**	TC..16T3..	**SBS919**	TP..1603..			19	19	140	0.40
3 93°	**TBS925**	CC..1204..	**TSBS925**	TC..16T3..	**SBS925**	TP..1603..			25	25	150	0.73
1 L W 90°	**TBS906L**	CC..0602..							6	6	55	0.03
	TBS908L	CC..0602..							8	8	55	0.04
	TBS910L	CC..0602..							10	10	65	0.06
	TBS913L	CC..09T3..							13	13	80	0.12
	TBS916L	CC..09T3..							16	16	120	0.26
	TBS919L	CC..1204..							19	19	140	0.40
	TBS925L	CC..1204..							25	25	150	0.73
2 L W 8° 90°					**BSB916**	TP..1103..			16	16	150	0.30
					BSB920	TP..1103..			20	20	150	0.40

Insert	Screw	Wrench
CC..0602..	MS2506A	TF09
CC..09T3..	MS4011A	TF15
CC..1204..	MS5011A	TF20

Insert	Screw	Wrench
TC..0902..	MS2206A	TF07
TC..1102..	MS2506A	TF09
TC..16T3..	MS4011A	TF15

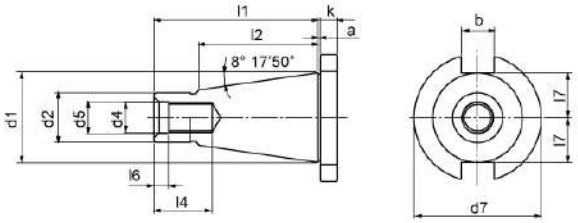
Insert	Screw	Wrench
TP..0902..	MS2506A	TF09
TP..1103..	MS3008A	TF09
TP..1603..	MS4011A	TF15

BT SHANK



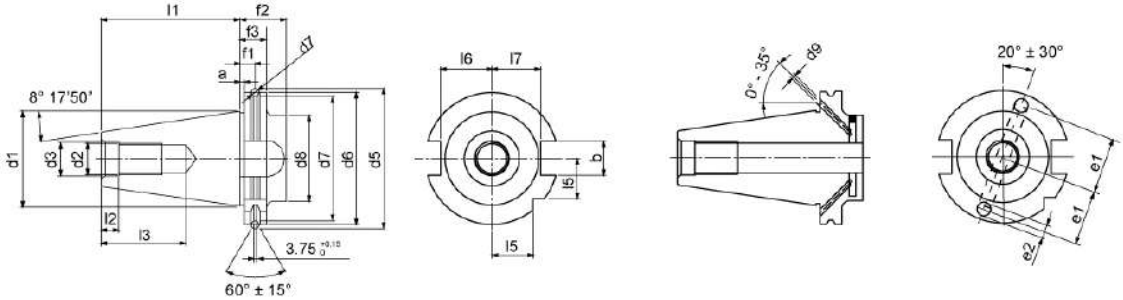
SHANK SIZE	a	b	d1	d2	d3	d4	d5	d6	d7	d8	e1	e2	f1	f2	f3	f4	f5	l1	l2	l3	l4
BT30	2	16.1	31.75	M12	12.5	38	45	56.144	8	4	21	5	13.6	22	17	4	8	48.4	7	24	16.3
BT40	2	16.1	44.45	M16	17	53	63	75.679	10	4	27	5	16.6	27	21	5	10	65.4	9	30	22.6
BT50	3	25.7	69.85	M24	25	85	100	119.019	15	6	42	7	23.2	38	31	7	15	101.8	13	45	35.4

NT SHANK



SHANK SIZE	a	b	d1	d2	d4	d5	d7	k	l1	l2	l4	l6	l7
NT30	1.6	16.1	31.75	17.4	1/2" - 12 M12 x 1.75P	13	50	8	68.4	48.4	24	5.5	16.2
NT40	1.6	16.1	44.45	25.3	5/8" - 11 M16 x 2.0P	17	63	10	93.4	65.4	32	8.2	22.5
NT50	3.2	25.7	69.85	39.6	1" - 8 M24 x 3.0P	26	97.5	12	126.8	101.8	47	11.5	35.3

SK-DIN69871A SHANK



SHANK SIZE	a	b	d1	d2	d3	d5	d6	d7	d8	d9	e1	e2	f1	f2	f3	l1	l2	l3	l5	l6	l7
SK30	3.2	16.1	31.75	M12	13	59.3	50	44.3	45	4	21	5	11.1	35	19.1	47.8	5.5	24	15	16.4	19
SK40	3.2	16.1	44.45	M16	17	72.3	63.55	56.25	50	4	27	5	11.1	35	19.1	68.4	8.2	32	18.5	22.8	25
SK50	3.2	25.7	69.85	M24	25	107.25	97.5	91.25	80	6	42	7	11.1	35	19.1	101.75	11.5	47	30	35.5	37.7

億錡專業 CNC 工具

精密刀桿・精密搪刀・切削配件



億錡股份有限公司

E CHEE MACHINE TOOLS CO., LTD.

地址：台中市神岡區光啓路52號

Address: No.52, Guangqi Rd., Shengang Dist., Taichung City 42949, Taiwan.

2023年08月 五版

TEL: +886-4-25225120

FAX: +886-4-25225121

Web site: www.rbh-tools.com

E-mail: rbh.tools@msa.hinet.net