

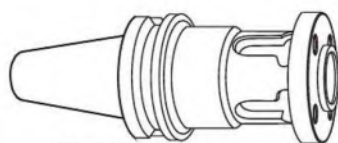
镗刀 C
BORING



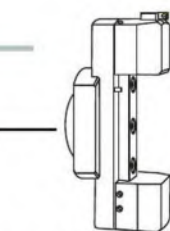


搪孔头组合图示 BORING HEAD COMBINATION ICON

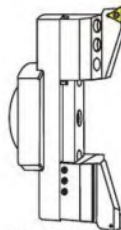
BST系統 BST Boring System



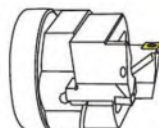
搪刀刀杆
Taper Shan



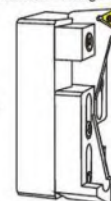
200以上ABH組合式大徑微調精搪刀
Large Diameter Finish Boring Head



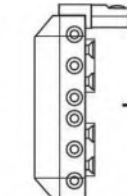
200以上LPK-A組合式大徑雙刃粗搪刀
Large Diameter Roug Boring Head LPK-A



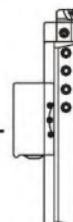
LPK120,160可調式雙刃粗搪刀
LPK Indexable Rough Boring Head



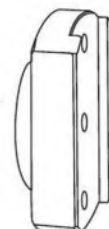
200以上 LPK可調式大徑雙刃粗搪刀
LPK Indexable Rough Boring Head



WBST四方柄大徑搪刀內外圓加工用
WBST Quartet knife handle large-diameter
cylindrical processing sugar

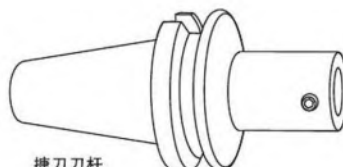


BST-RBH 微調精搪孔
BST-RBH Boring

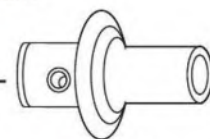


連接器
Flange

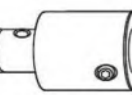
LBK系統 LBK Boring System



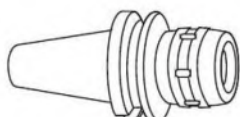
搪刀刀杆
Taper Shan



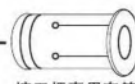
等徑搪刀延長杆
Extension(Constant Diameter)



異徑搪刀延長杆
Extension(Reducing)



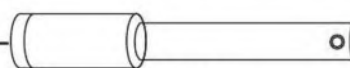
直筒式立銑刀夾頭
Power Chuck Holder



搪刀杆專用套筒
Collet



超硬整體碳化鈎制搪刀杆
Super Hard Solid Tungsten Carbide Boring Bor

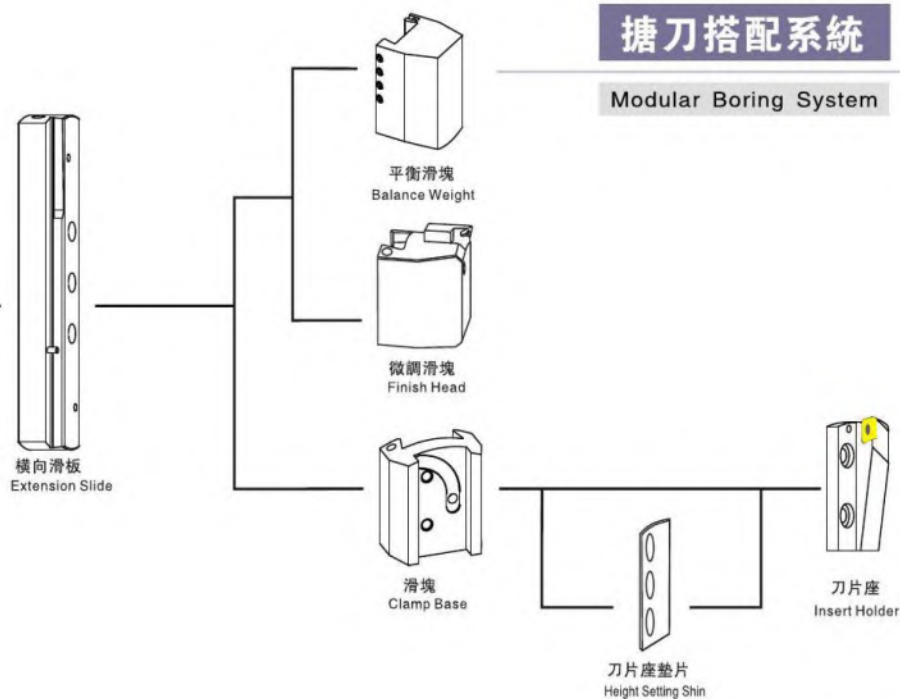


直柄搪刀杆



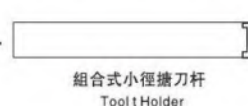
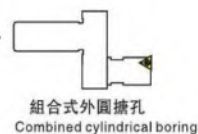
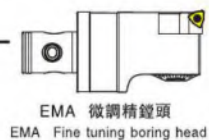
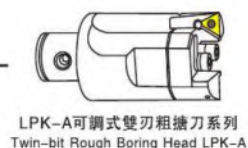
搪刀搭配系統

Modular Boring System



BORING CUTTER SYSTEM

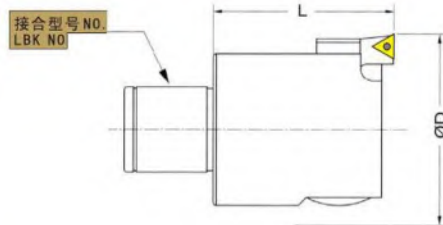
C
孔加工刀具
Hole cutter





CBH微調精搪刀系列《搪孔範圍 $\Phi 20-\Phi 202\text{mm}$ 》

CBH Finish Boring Head 《Boring Range from $\Phi 20-\Phi 202\text{mm}$ 》



特色

- 1、CBH精搪刀適用於精切削搪孔，工作範圍 $\Phi 20-\Phi 202\text{mm}$ 均可搭配選用。
- 2、調整刻度為圓周50等分，每格調整尺寸位直徑 0.01mm ，另有副尺可作更精細之調整。
- 3、精密導程螺絲位於內部，不受切屑、磨耗、生銹等影響，具有內部潤滑，精準耐用。
- 4、內藏式水孔，刀尖直接冷卻，刀片壽命長。
- 5、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。

Features

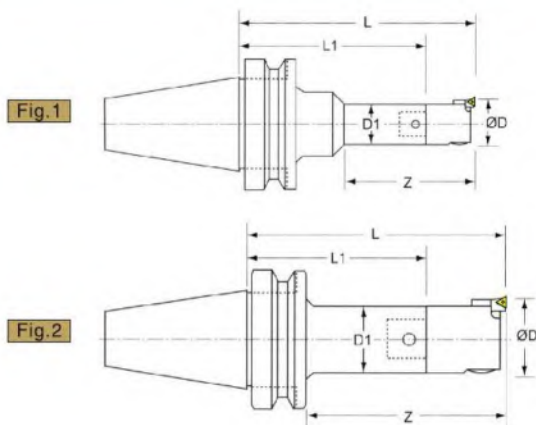
1. CBH finish boring head is suitable for finish boring with working ranges from $\Phi 20\text{mm}$ to $\Phi 202\text{mm}$ on diameter.
2. The dial has been graduated into 50 divisions, each of which is 0.01mm on diameter. Available is a sub-dial for finer adjustment.
3. High precision internal lead screw with innerlubrication is free from the effects of chip, featuring high durability.
4. Coolant nozzle easily cools the insert prolonging its working life.
5. Cartridge unit is housed in a square structure with two face support, proving high stability and rigidity.

規格 Specifications

搪頭型號 Boring Head Type	接合型號 LBK No.	搪孔範圍 ΦDmm Boring Range	搪頭長度 mm Length	重量 kg Weight	刀片規格 / 螺絲 / 刀片扳手 Insert / Clamping Screw / Wrench
CBH20	LBK1	20-26	35	0.1	TB06/M2/T6 TP08/M2.2/T7 TC09/M2.2/T7
CBH25	LBK2	25-33	40	0.2	
CBH32	LBK3	32-42		0.3	
CBH40	LBK4	40-55	50	0.5	
CBH52	LBK5	52-75	60	1	TP086/M2.2/T7 TP09/M2.5/T8 TC11/M2.5/T8
CBH68	LBK6	68-102	72	2	
CBH100		100-152		2.9	
CBH150		150-202		4.2	

CBH微調精搪刀+LBK刀柄 (MAS 403BT)

CBH Finish Boring Head+LBK Shank (MAS 403BT)





CBH微調精搪刀組合系列

CBH Finish Boring Head

規格 Specifications

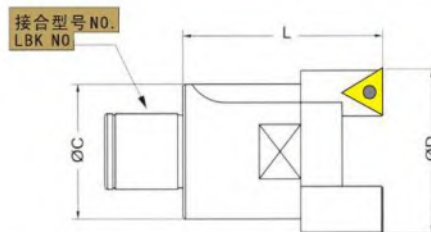
▲ IBT是专为抑制搪孔共振而改良之专用刀杆 ▲ IBT is the improved type dedicated to resonance in boring

型號 Tape	樣式 Fig.	搪孔範圍 Ø (Dmm)	有效長 Z	組合內容 Tool Connection		接合型號	全長 L	刀杆長 L1	刀杆外徑 D1	重量 KG	
				LBK刀杆 LBK shank	CBH刀頭 CBH boring head	LBK No					
BT30-CBH20-105	2	20-26	75	BT30-LBK1-70	CBH20	1	105	70	19	0.6	
BT30-CBH25-120		25-33	90	BT30-LBK2-80	CBH25	2	120	80	24	0.8	
BT30-CBH32-120		32-42		BT30-LBK3-80	CBH32	3		31	1.0		
BT30-CBH40-120		40-55		BT30-LBK4-70	CBH40	4		70	39	1.3	
BT30-CBH52-120		52-75		BT30-LBK5-60	CBH52	5		50	1.8		
BT30-CBH68-130		68-102	100	BT30-LBK6-60	CBH68	6	130	60	64	3.0	
BT40-CBH20-110	2	20-26	75	BT40-LBK1-75	CBH20	1	110	75	19	1.1	
BT40-CBH20-140			105	BT40-LBK1-105			140	105		1.3	
BT40-CBH25-125		25-33	90	BT40-LBK2-85	CBH25	2	125	85	24	1.3	
BT40-CBH25-155			120	BT40-LBK2-115			155	115		1.6	
BT40-CBH32-135		32-42	100	BT40-LBK3-95	CBH32	3	135	95	31	1.5	
BT40-CBH32-165			130	BT40-LBK3-125			165	125		1.8	
BT40-CBH32-195			160	BT40-LBK3-155			195	155		2.0	
BT40-CBH40-135		40-55	100	BT40-LBK4-85	CBH40	4	135	85	39	1.8	
BT40-CBH40-180			145	BT40-LBK4-130			180	130		2.4	
BT40-CBH40-225			190	BT40-LBK4-175			225	175		2.7	
BT40-CBH52-135		52-75	100	BT40-LBK5-75	CBH52	5	135	75	50	2.3	
BT40-CBH52-185			150	BT40-LBK5-125			185	125		3.3	
BT40-CBH52-235			200	BT40-LBK5-175			235	175		4.0	
BT40-CBH68-135		68-102	100	BT40-LBK6-65	CBH68	6	135	65	64	3.3	
BT40-CBH68-185			150	BT40-LBK6-115			185	115		4.7	
BT40-CBH68-235			200	BT40-LBK6-165			235	165		5.9	
BT40-CBH100-135		100-152	100	BT40-LBK6-65	CBH100	6	135	65		4.2	
BT40-CBH100-185			150	BT40-LBK6-115			185	115		5.6	
BT40-CBH100-235			200	BT40-LBK6-165			235	165		6.8	
BT40-CBH150-135		150-202	100	BT40-LBK6-65	CBH150	6	135	65		5.5	
BT40-CBH150-185			150	BT40-LBK6-115			185	115		6.9	
BT40-CBH150-235			200	BT40-LBK6-165			235	165		8.1	
BT50-CBH20-150	1	20-26	75	BT50-LBK1-115	CBH20	1	150	115	31/19	4.1	
BT50-CBH20-180			105	BT50-LBK1-145			180	145		4.2	
BT50-CBH25-150		25-33	105	BT50-LBK2-110	CBH25	2	150	110	24	4.1	
BT50-CBH25-180			135	BT50-LBK2-140			180	140		4.2	
BT50-CBH32-165		32-42	120	BT50-LBK3-125	CBH32	3	165	125	31	4.4	
BT50-CBH32-195			150	BT50-LBK3-155			195	155		4.5	
BT50-CBH40-165		40-55	120	BT50-LBK4-115	CBH40	4	165	115	39	4.8	
BT50-CBH40-195			150	BT50-LBK4-145			195	145		4.9	
BT50-CBH40-225			180	BT50-LBK4-175			225	175		5.3	
BT50-CBH40-255			210	BT50-LBK4-205			225	205		5.4	
BT50-CBH52-165		52-75	120	BT50-LBK5-105	CBH52	5	165	105	50	5.5	
BT50-CBH52-240			195	BT50-LBK5-180			240	180		6.5	
BT50-CBH52-300			255	BT50-LBK5-240			300	240		7.2	
BT50-CBH52-360			255	BT50-LBK5-300			360	300		8.6	
BT50-CBH68-165		2	68-102	120	BT50-LBK6-95	CBH68	6	165	95	64	6.5
BT50-CBH68-240				195	BT50-LBK6-170			240	170		8.3
BT50-CBH68-300				255	BT50-LBK6-230			300	230		9.6
BT50-CBH68-360				315	BT50-LBK6-290			360	290		11.0
BT50-CBH68-420				375	BT50-LBK6-350			420	350		15.5
IBT50-CBH68-420	1		375	IBT50-LBK6-350			420	350	90/64	13.2	
BT50-CBH100-165	2	100-152	120	BT50-LBK6-95	CBH100	6	165	95	64	7.4	
BT50-CBH100-240			195	BT50-LBK6-170			240	170		9.2	
BT50-CBH100-300			255	BT50-LBK6-230			300	230		10.5	
BT50-CBH100-360			315	BT50-LBK6-290			360	290		11.9	
BT50-CBH100-420	1		375	BT50-LBK6-350			420	350	90/64	16.4	
IBT50-CBH100-420			375	IBT50-LBK6-350			420	350		14.1	
BT50-CBH150-165	2	152-202	120	BT50-LBK6-95	CBH150	6	165	95	64	8.7	
BT50-CBH150-240			195	BT50-LBK6-170			240	170		10.5	
BT50-CBH150-300			255	BT50-LBK6-230			300	230		11.8	
BT50-CBH150-360			315	BT50-LBK6-290			360	290		13.2	
BT50-CBH150-420	1		375	BT50-LBK6-350			420	350	90/64	17.7	
IBT50-CBH150-420	2		375	IBT50-LBK6-350			420	350	64	15.4	



RBH-LA可調式雙刃粗搪刀系列 《搪孔範圍Φ25-Φ204mm》

Twin-bit Rough Boring Head RBH-LA 《Boring Range from Φ25-Φ204mm》



特色

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

Features

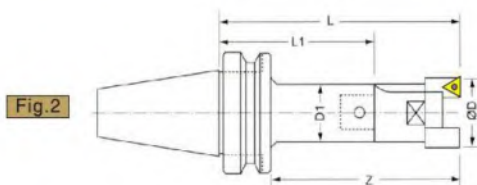
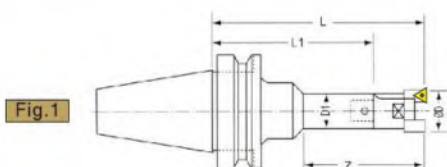
- 1、Thickened cartridge with higher rigidity.
- 2、Coolant nozzle easily cools the insert elongating its working life.
- 3、Completed with chip pocket, improving chip flow of deep boring.
- 4、Clamp plate solidifies cartridges and head, upgrading cutting rigidity.
- 5、Patented step boring design; suitable for both level boring and step boring.

規格 Specifications

	搪頭型號 Boring Head Type	接合型號 LBK No.	搪孔範圍 φ Dmm Boring Range	L mm	C mm	刀片規格 Insert	重量kg Weight
	RBH25-35LA-C	LBK2	25 ~ 33	50	24	CCMT060204	0.15
	RBH32-45LA-C	LBK3	32 ~ 42	60	31	CCMT060204	0.3
	RBH32-35LA-T					TCMTI 10204	
	RBH40-55LA-C	LBK4	40 ~ 55	74	39	CCMT09T304	0.6
	RBH40-55LA-T					TCMTI 6T304	
	RBH40-55LA-S					SCMT09T304	
	RBH52-75LA-C	LBK5	52 ~ 75	80	50	CCMT09T304	1
	RBH52-75LA-T					TCMTI 6T304	
	RBH52-75LA-S					SCMT09T304	
	RBH68-100LA-C	LBK6	68 ~ 100	90	66	CCMTI 20408	2.5
	RBH68-100LA-T					TCMTI 6T304	
	RBH68-100LA-S					SCMTI 20404	
	RBH90-130LA-C		90 ~ 130	100	88	CCMTI 20408	3.1
	RBH90-130LA-T					TCMT220408	
	RBH90-130LA-S					SCMTI 20404	
	RBH120-164LA-C	BST Series	120 ~ 164	95	100	CCMTI 20408	3.8
	RBH120-164LA-T					TCMT220408	
	RBH120-164LA-S					SCMTI 20404	
	RBH160-204LA-C		160 ~ 204	95	130	CCMTI 20408	4.8
	RBH160-204LA-T					TCMT220408	
	RBH160-204LA-S					SCMTI 20404	

RBH-LA雙刃粗搪刀+LBK刀柄 (MAS 403BT)

RBH-LA Twin-bit Rough Boring Head +LBK Shank(MAS 403BT)





RBH-LA雙刃粗搪刀組合系列

RBH-LA Finish Boring Head

規格 Specifications

▲ IBT是專為抑制搪孔共振而改良之專用刀杆 ▲ IBT is the improved type dedicated to resonance in boring

型號 Tape	樣式 Fig.	搪孔範圍 Ø (Dmm)	有效長 Z	組合內容 Tool Connection		接合型號 LBK No	全長 L	刀杆長 L1	刀杆外徑 D1	重量 KG	
				LBK刀杆 LBK shank	RBH-LA刀頭 RBH-LA boring head						
BT30-RBH25LA-130	2	25-35	100	BT30-LBK2-80	RBH25LA	2	130		24	0.8	
BT30-RBH32LA-140		32-45	110	BT30-LBK3-80	RBH32LA	3	140	80	31	1.0	
BT30-RBH40LA-140		40-55		BT30-LBK4-70	RBH40LA	4		70	39	1.3	
BT30-RBH52LA-140		52-75		BT30-LBK5-60	RBH52LA	5			50	1.8	
BT30-RBH68LA-150		68-100	120	BT30-LBK6-60	RBH68LA	6	150	60	64	3.0	
BT30-RBH90LA-160		90-130	130		RBH90LA		160		64	3.9	
BT40-RBH25LA-135	2	25-35	100	BT40-LBK2-85	RBH25LA	2	135	85	24	1.3	
BT40-RBH25LA-165			130	BT40-LBK2-115			165	115		1.6	
BT40-RBH32LA-155		32-45	120	BT40-LBK3-95	RBH32LA	3	155	95	31	1.5	
BT40-RBH32LA-185			150	BT40-LBK3-125				185		125	1.8
BT40-RBH32LA-215			180	BT40-LBK3-155				215		155	2.0
BT40-RBH40LA-155		40-55	120	BT40-LBK4-85	RBH40LA	4	155	85	39	1.8	
BT40-RBH40LA-200			165	BT40-LBK4-130				200		130	2.4
BT40-RBH40LA-245			210	BT40-LBK4-175				245		175	2.7
BT40-RBH52LA-155		52-75	120	BT40-LBK5-75	RBH52LA	5	155	75	50	2.3	
BT40-RBH52LA-205			170	BT40-LBK5-125				205		125	3.3
BT40-RBH52LA-255			220	BT40-LBK5-175				255		175	4.0
BT40-RBH68LA-155		68-100	120	BT40-LBK6-65	RBH68LA	6	155	65	64	3.3	
BT40-RBH68LA-205			170	BT40-LBK6-115				205		115	4.7
BT40-RBH68LA-255			220	BT40-LBK6-165				250		165	5.9
BT40-RBH90LA-165		90-130	130	BT40-LBK6-65	RBH90LA	6	165	65	64	4.2	
BT40-RBH90LA-215			180	BT40-LBK6-115				215		115	5.6
BT40-RBH90LA-265			230	BT40-LBK6-165				265		165	6.8
BT40-RBH120LA-165		120-164	130	BT40-BST-70	RBH120LA	BST	165	70	95	7.0	
BT40-RBH160LA-165		160-204			RBH160LA					8.0	
BT50-RBH25LA-160		2	25-35	110	BT50-LBK2-110	RBH25LA	2	160	110	24	4.1
BT50-RBH25LA-190	140			BT50-LBK2-140				190	140		4.2
BT50-RBH32LA-185	32-45		135	BT50-LBK3-125	RBH32LA	3	185	125	31	4.4	
BT50-RBH32LA-215			165	BT50-LBK3-155				215		155	4.5
BT50-RBH40LA-185	40-55		135	BT50-LBK4-115	RBH40LA	4	180	115	39	4.8	
BT50-RBH40LA-215			165	BT50-LBK4-145				215		145	4.9
BT50-RBH40LA-245			195	BT50-LBK4-175				245		175	5.3
BT50-RBH40LA-275			225	BT50-LBK4-205				275		205	5.4
BT50-RBH52LA-185	52-75		135	BT50-LBK5-105	RBH52LA	5	185	105	50	5.5	
BT50-RBH52LA-260			210	BT50-LBK5-180				260		180	6.5
BT50-RBH52LA-320			270	BT50-LBK5-240				320		240	7.2
BT50-RBH52LA-380			270	BT50-LBK5-300				380		300	8.6
BT50-RBH68LA-185	68-100		135	BT50-LBK6-95	RBH68LA	6	185	95	64	6.5	
BT50-RBH68LA-260			210	BT50-LBK6-170				260		170	8.3
BT50-RBH68LA-320			270	BT50-LBK6-230				320		230	9.6
BT50-RBH68LA-380			330	BT50-LBK6-290				380		290	11.0
BT50-RBH68LA-440	1		390	BT50-LBK6-350	RBH90LA	6	440	350	90/64	15.5	
IBT50-RBH68LA-440	2	90-130	400	IBT50-LBK6-350						13.2	
BT50-RBH90LA-195			145	BT50-LBK6-95				195	95	64	7.4
BT50-RBH90LA-270			220	BT50-LBK6-170				270	170	9.2	
BT50-RBH90LA-330			280	BT50-LBK6-230				330	230	10.5	
BT50-RBH90LA-390			340	BT50-LBK6-290				390	290	11.9	
BT50-RBH90LA-450	1	400	BT50-LBK6-350	RBH120LA	BST	450	350	90/64	16.4		
IBT50-RBH90LA-450	2	120-164	400			IBT50-LBK6-350			64	14.1	
BT50-RBH120LA-195			150			BT50-BST-100		195	100		8.9
BT50-RBH120LA-245			200			BT50-BST-150		245	150		10.6
BT50-RBH120LA-295			250			BT50-BST-200		295	200		13.3
BT50-RBH120LA-345			300			BT50-BST-250		345	250		15.3
BT50-RBH120LA-395			350			BT50-BST-300		395	300		17.3
BT50-RBH120LA-445			400			BT50-BST-350		445	350		19.3
BT50-RBH120LA-495			450			BT50-BST-400		495	400	95	21.3
BT50-RBH160LA-195	2	160-204	150	BT50-BST-100	RBH160LA	BST	195	100		13.3	
BT50-RBH160LA-245			200	BT50-BST-150				245	150		13.8
BT50-RBH160LA-295			250	BT50-BST-200				295	200		14.3
BT50-RBH160LA-345			300	BT50-BST-250				345	250		16.3
BT50-RBH160LA-395			350	BT50-BST-300				395	300		18.3
BT50-RBH160LA-445			400	BT50-BST-350				445	350		20.3
BT50-RBH160LA-495			450	BT50-BST-400				495	400		22.3

Φ200以上 RBH-LA組合式大徑粗搪刀系列

Indexable Twin-bit Rough Boring Head RBH-LA 《Boring Range from Φ25-Φ204mm》



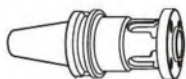
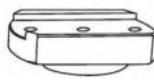
特色

- 1、通用 Φ200-Φ1250mm大型孔徑加工使用。
- 2、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110mm。600LA與900LA調整範圍為350mm。
- 3、粗搪刀，具有多種刀片選擇，可適用於多種材質及加工方式。
- 4、精搪刀另有鋁合金橫向滑板，可選用來降低刀具重量。
- 5、另有外圓搪孔組件可選用，加工範圍直徑為 Φ20-Φ300mm。

Features

1. This type is suitable for large diameter boring with ranges from Φ200mm to Φ1250mm.
2. The structure includes common flange and extension slide for both rough and finish boring heads. Available can be optional accessories for different works. Adjustment range is within 110mm on diameter. The adjustment range for both 600A and 900A is 350mm.
3. Options of various inserts for rough boring of different materials and boring styles.
4. Available is the horizontal slide made of Aluminum alloy to reduce total weight.
5. Options of external boring kit with boring range from Φ20mm to Φ300mm.

規格 Specifications

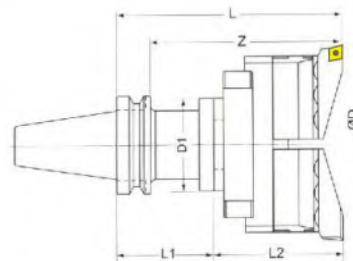
		型號 Type	RBH 200LA	RBH 300LA	RBH 400LA	RBH 500LA	RBH 600LA	RBH 900LA	
搪頭型號 Boring Head Type	長度 Length(mm)		130	130	130	130	150	150	
	整組重量 Total Weight(kg)	合金鋼 Alloy Steel	9.5	11.5	13.5	15.5	33	43	
		鋁合金 Aluminum Alloy	7.2	8.0	8.8	9.6	16.0	20.7	
	加工直徑 D(mm)Boring Diameter		200 ~ 310	300 ~ 410	400 ~ 510	500 ~ 610	600 ~ 950	900 ~ 1250	
組合型式 Module	接合刀杆 Taper Shank				BT50-BST/NT50-BST系列 BT50-BST/NT50-BST Series			BT50-FMA-47.625	
	連接器 Flange				BR200			BR600	BR900
	重量(kg) Weight	合金鋼 Alloy Steel	合金鋼 Alloy Steel 2.7kg			19 8.8		29 13.5	
		鋁合金 Aluminum Alloy							
	橫向滑板 Extension Slide		RST200	RST300	RST400	RST500	RST300X2祇(pieces)		
	重量(kg) Weight	合金鋼 Alloy Steel	3.4	5.4	7.4	9.4	10.8		
		鋁合金 Aluminum Alloy	1.1	1.9	2.7	3.5	3.8		
	滑塊 Clamp Base				RS200				
	重量(kg) Weight		0.98kg						
	刀片座墊片 Height Setting Shin				RS201				
	重量(kg) Weight		0.05kg						
	刀片座 Insert Holder				RB200C12	RB200T16	RB200T22	RB200S12	
	適合刀片 Applicable Insert				CCMT120404	TCMT16T304	TCMT220404	SCMT120404	
重量(kg) Weight		0.68kg							



Φ200以上 RBH-LA組合式大徑雙刃粗搪刀+BST刀柄 (MAS 403BT)

RBH-LA Indexable Twin-bit Rough Boring Head for Large Hole Boring+BST Shank(MAS 403BT)

《 搪孔範圍 Φ200-Φ1250mm 》《 Boring Range from Φ200-Φ1250mm 》



	搪頭型號 Boring Head Type	接合型號 LBK No.	搪孔範圍 φ Dmm Boring Range	搪頭長度mm Length	刀片規格 Insert	重量KG	
						合金鋼 Alloy Steel	鋁合金 Aluminum Alloy
	RBH200-310LA	BST series	200 ~ 310	130	(選配刀片座) Optional Inserts	9.5	7.2
	RBH300-410LA		300 ~ 410		CCMT120408	11.5	8.0
	RBH400-510LA		400 ~ 510		TCMT16T304	13.5	8.8
	RBH500-610LA		500 ~ 610		TCMT220408	15.5	9.6
	RBH600-950LA		600 ~ 950		SCMT120404	33.0	16.0
	RBH900-1250LA	FMA-47.625	900 ~ 1250	150		43.0	20.7

規格 Specifications

型號 Tape	搪孔範圍 Ø (Dmm)	有效長 Z	組合內容 Tool Connection		接合型號 LBK No	全長 L	刀杆長 L1	刀杆外徑 D1	重量 KG	
			LBK刀杆 LBK shank	RBH刀頭 RBH boring head					合金鋼 Alloy Steel	鋁合金 Aluminum Alloy
BT50-RBH200LA-230	200 ~ 310	185	BT50-BST-100	RBH200LA	BST	230	100	95	14.6	12.3
BT50-RBH200LA-280		235	BT50-BST-150			280	150		16.3	14
BT50-RBH200LA-330		285	BT50-BST-200			330	200		19	16.7
BT50-RBH200LA-380		335	BT50-BST-250			380	250		21	18.7
BT50-RBH200LA-430		385	BT50-BST-300			430	300		23	20.7
BT50-RBH200LA-480		435	BT50-BST-350			480	350		25	22.7
BT50-RBH200LA-530		485	BT50-BST-400			530	400		27	24.7
BT50-RBH300LA-230	300 ~ 410	185	BT50-BST-100	RBH300LA		230	100		16.6	13.1
BT50-RBH300LA-280		235	BT50-BST-150			280	150		18.3	14.8
BT50-RBH300LA-330		285	BT50-BST-200			330	200		21	17.5
BT50-RBH300LA-380		335	BT50-BST-250			380	250		23	19.5
BT50-RBH300LA-430		385	BT50-BST-300			430	300		25	21.5
BT50-RBH300LA-480		435	BT50-BST-350			480	350		27	23.5
BT50-RBH300LA-530		485	BT50-BST-400			530	400		29	25.5
BT50-RBH400LA-230	400 ~ 510	185	BT50-BST-100	RBH400LA		230	100		18.6	13.9
BT50-RBH400LA-280		235	BT50-BST-150			280	150		20.3	15.6
BT50-RBH400LA-330		285	BT50-BST-200			330	200		23	18.3
BT50-RBH400LA-380		335	BT50-BST-250			380	250		25	20.3
BT50-RBH400LA-430		385	BT50-BST-300			430	300		27	22.3
BT50-RBH400LA-480		435	BT50-BST-350			480	350		29	24.3
BT50-RBH400LA-530		485	BT50-BST-400			530	400		31	26.3
BT50-RBH500LA-230	500 ~ 610	185	BT50-BST-100	RBH500LA		230	100		20.6	14.7
BT50-RBH500LA-280		235	BT50-BST-150			280	150		22.3	16.4
BT50-RBH500LA-330		285	BT50-BST-200			330	200		25	19.1
BT50-RBH500LA-380		335	BT50-BST-250			380	250		27	21.1
BT50-RBH500LA-430		385	BT50-BST-300			430	300		29	23.1
BT50-RBH500LA-480		435	BT50-BST-350			480	350		31	25.1
BT50-RBH500LA-530		485	BT50-BST-400			530	400		33	27.1
BT50-RBH600LA-230	600 ~ 950	185	BT50-	RBH600LA	FMA 47.625	230	75	128	40	23
BT50-RBH900LA-230	900 ~ 1250		FMA47.625-75	RBH900LA					50	27.7



Φ200以上 CBH組合式大徑微調精搪刀系列

CBH Large Diameter Modular Finish Boring Head with Diameter over Φ200mm



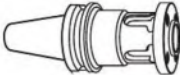
特色

- 1、通用 $\phi 200 - \phi 1250\text{mm}$ 大型孔徑加工使用。
- 2、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110mm。CBH600與900A調整範圍為350mm。
- 3、精搪刀另有鋁合金橫向滑板，可選用來降低刀具重量。

Features

1. This type is suitable for large diameter boring with ranges from $\phi 200\text{mm}$ to $\phi 1250\text{mm}$.
2. The structure includes common flange and extension slide for both rough and finish boring heads. Available can be optional accessories for different works. Adjustment range is within 110mm on diameter.
The adjustment range for both CBH600 and CBH900 is 350mm.
3. Available is the horizontal slide made of Aluminum alloy to reduce total weight.

規格 Specifications

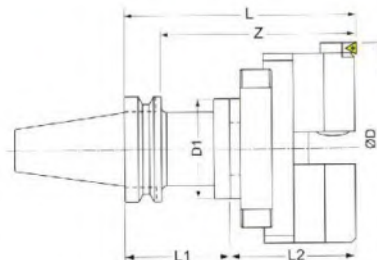
型號 Type			CBH200	CBH300	CBH400	CBH500	CBH600	CBH900						
搪頭型號 Boring Head Type	長度 Length(mm)		130	130	130	130	150	150						
	整組重量 Total Weight(kg)	合金鋼 Alloy Steel	9.7	11.7	13.7	15.7	33	43						
		鋁合金 Aluminum Alloy	7	7.8	8.6	9.4	15.8	20.5						
	加工直徑 D(mm)Boring Diameter		200 ~ 310	300 ~ 410	400 ~ 510	500 ~ 610	600 ~ 950	900 ~ 1250						
組合型式 Module	接合刀杆 Taper Shank						BT50-BST/NT50-BST系列 BT50-BST/NT50-BST Series		BT50-FMA-47.625					
	連接器 Flange						BR200		BR600	BR900				
	重量(kg) Weight	合金鋼 Alloy Steel	合金鋼 Alloy Steel 2.7kg				19		29					
		鋁合金 Aluminum Alloy					8.8		13.5					
	橫向滑板 Extension Slide						RST200	RST300	RST400	RST500	RST300X2祇(pieces)			
	重量(kg) Weight	合金鋼 Alloy Steel	3.4				5.4		7.4		9.4		10.8	
		鋁合金 Aluminum Alloy	1.1				1.9		2.7		3.5		3.8	
	平衡滑塊 Balance Weight						RBN200							
	重量(kg) Weight						1.6kg							
	微調滑塊 Finish Head						CB200							
	重量(kg) Weight						1.6kg							
	適合刀片 Applicable Insert						TP08/M2.2/T7, TP09/M2.5/T8, TC11/M2.5/T8							



Φ200以上 CBH大孔徑微調精搪刀+BST刀柄 (MAS 403BT)

CBH Large Diameter Modular Finish Boring Head+BST Shank(MAS 403BT)

《 搪孔範圍 Φ200-Φ1250mm 》《 Boring Range from Φ200-Φ1250mm 》



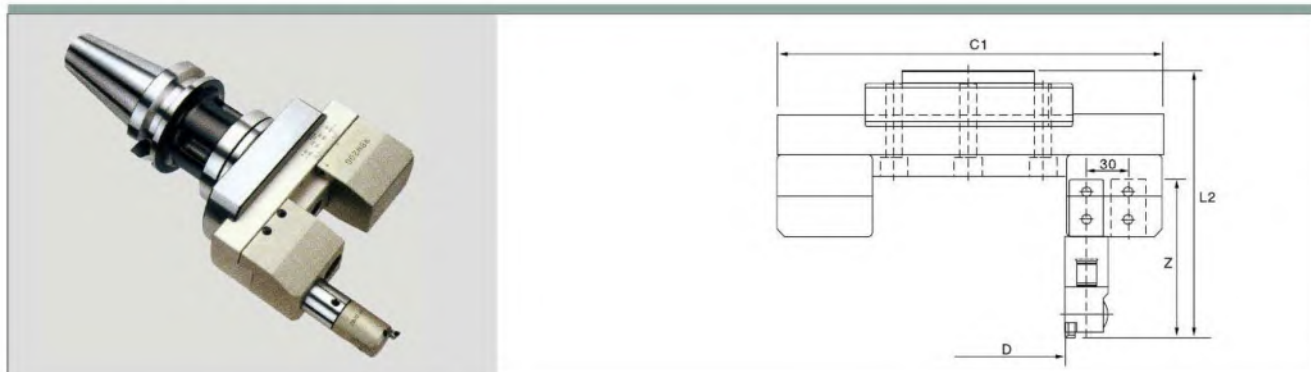
	搪頭型號 Boring Head Type	接合型號 LBK No.	搪孔範圍 φ Dmm Boring Range	搪頭長度 L2 mm	刀片規格/螺絲/扳手 Insert/ Clamp Screw/ Wrench	重量 KG	
						合金鋼 Alloy Steel	鋁合金 Aluminum Alloy
	CBH200	BST系列 BST series	200 ~ 310	130	TP08/M2.2/T7 TP09/M2.8/T8 TC11/M2.5/T8	9.7	7.0
	CBH300		300 ~ 410			11.7	7.8
	CBH400		400 ~ 510			13.7	8.6
	CBH500		500 ~ 610			15.7	9.4
	CBH600	FMA-47.625	600 ~ 950	150		33.0	15.8
	CBH900		900 ~ 1250			43.0	20.5

規格 Specifications

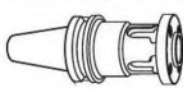
型號 Tape	搪孔範圍 Ø (Dmm)	有效長 Z	組合內容 Tool Connection		接合型號 LBK No	全長 L	刀杆長 L1	刀杆外徑 D1	重量 KG	
			LBK刀杆 LBK shank	CBH刀頭 CBH boring head					合金鋼 Alloy Steel	鋁合金 Aluminum Alloy
BT50-CBH200-230	200 ~ 310	185	BT50-BST-100	CBH200	BST	230	100	95	14.8	12.1
BT50-CBH200-280		235	BT50-BST-150			280	150		16.5	13.8
BT50-CBH200-330		285	BT50-BST-200			330	200		19.2	16.5
BT50-CBH200-380		335	BT50-BST-250			380	250		21.2	18.5
BT50-CBH200-430		385	BT50-BST-300			430	300		23.2	20.5
BT50-CBH200-480		435	BT50-BST-350			480	350		25.2	22.5
BT50-CBH200-530		485	BT50-BST-400			530	400		27.2	24.5
BT50-CBH300-230	300 ~ 410	185	BT50-BST-100	CBH300		230	100		16.8	12.9
BT50-CBH300-280		235	BT50-BST-150			280	150		18.5	14.6
BT50-CBH300-330		285	BT50-BST-200			330	200		21.2	17.3
BT50-CBH300-380		335	BT50-BST-250			380	250		23.2	19.3
BT50-CBH300-430		385	BT50-BST-300			430	300		25.2	21.3
BT50-CBH300-480		435	BT50-BST-350			480	350		27.2	23.3
BT50-CBH300-530		485	BT50-BST-400			530	400		29.2	25.3
BT50-CBH400-230	400 ~ 510	185	BT50-BST-100	CBH400		230	100		18.8	13.7
BT50-CBH400-280		235	BT50-BST-150			280	150		20.5	15.4
BT50-CBH400-330		285	BT50-BST-200			330	200		23.2	18.1
BT50-CBH400-380		335	BT50-BST-250			380	250		25.2	20.1
BT50-CBH400-430		385	BT50-BST-300			430	300		27.2	22.1
BT50-CBH400-480		435	BT50-BST-350			480	350		29.2	24.1
BT50-CBH400-530		485	BT50-BST-400			530	400		31.5	26.1
BT50-CBH500-230	500 ~ 610	185	BT50-BST-100	CBH500		230	100		20.8	14.5
BT50-CBH500-280		235	BT50-BST-150			280	150		22.5	16.2
BT50-CBH500-330		285	BT50-BST-200			330	200		25.2	18.9
BT50-CBH500-380		335	BT50-BST-250			380	250		27.2	20.9
BT50-CBH500-430		385	BT50-BST-300			430	300		29.2	22.9
BT50-CBH500-480		435	BT50-BST-350			480	350		31.2	24.9
BT50-CBH500-530		485	BT50-BST-400			530	400		33.2	26.9
BT50-CBH600-230	600 ~ 950	185	BT50- FMA47.625-75	CBH600	FMA 47.625	230	75	128	40.0	22.8
BT50-CBH900-230	900 ~ 1250			CBH900					50.0	27.5

Φ200以上 CBR組合式外圓微調精搪刀系列 (外圓搪孔範圍 Φ10~Φ850mm)

CBR Large Diameter Modular Finish Boring Head with Diameter over
Φ200mm(Boring Range from Φ10~Φ850mm)



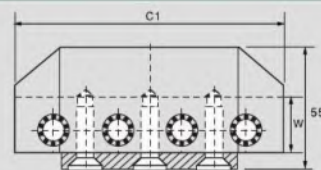
規格 Specifications

搪頭型號 Boring Head Type	型號 Type		CBR200	CBR300	CBR400	CBR500	CBR600	CBR900
	搪頭長度 L2(mm)		190/220					
	有效長度 Z(mm)		115/145					
	整組重量 Total Weight(kg)	合金鋼 Alloy Steel	9.7	11.5	13.5	15.5	33	47
		鋁合金 Aluminum Alloy	7	8	8.8	9.6	16	22.3
加工直徑 D(mm)Boring Diameter		10 ~ 150	10 ~ 250	10 ~ 350	10 ~ 450	10 ~ 550	10 ~ 850	
組合型式 Module	接合刀杆 Taper Shank		BT50-BST-100L				BT50-FMA-47.625	
	連接器 Flange		BR200				BR600	BR900
	重量(kg) Weight		合金鋼 Alloy Steel 2.7kg	19	29			
	鋁合金 Aluminum Alloy			8.8	13.5			
	橫向滑板 Extension Slide		RST200	RST300	RST400	RST500	RST300X2祇 (pieces)	RST400X2祇 (pieces)
	重量(kg) Weight		3.4	5.4	7.4	9.4	10.8	14.8
	鋁合金 Aluminum Alloy		1.1	1.9	2.7	3.5	3.8	5.4
	平衡滑塊 Balance Weight		RBN200					
	重量(kg) Weight		1.6kg					
	外圓滑塊 Clamp Base		CB200					
	重量(kg) Weight		1.3kg					
	外圓用接杆 Adapter for External Boring		C25-LBK3-30			C25-LBK3-60		
	重量(kg) Weight		0.3			0.5		
	接合刀頭 Applicable Boring Heads		CBH32					



WBST四方柄搪孔刀架

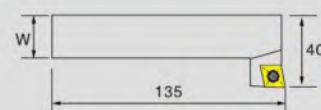
WBST Tool Rest



搪孔刀架型號 Tape	接合型號 LBK NO	搪孔範圍 ΦD External Diameter(mm)	搪頭長度 Length(mm)	寬度C1 (mm)	□W(mm)	重量 Weight
WBST150	BST	150~250	55	125	25	2.5
WBST200		200~300		175		3.6
WBST300		300~400		275		6.0
WBST400		400~500		375		8.3

WBST四方柄搪孔刀架

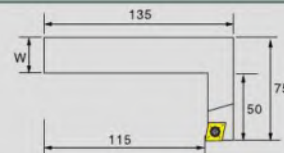
Square Shank Boring Tool holder for WBST Tool Rest



型號 Tape	□W(mm)	全長 Length(mm)	刀片 Insert	螺絲 Clamp screw	重量 Weight
BSB25-T16-135	25	135	TCMT16...	M4	0.67
BSB25-T22-135			TCMT22...	M5	
BSB25-C12-135			CCMT12...	M5	
BSB25-S12-135			SCMT12...	M5	

WBST刀盤專用四方柄外圓搪孔刀架

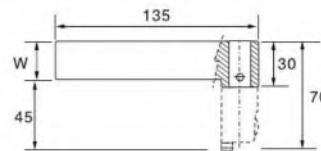
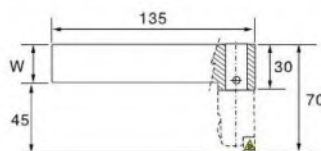
Square Shank External Boring Tool holder for WBST Tool Rest



型號 Tape	□W(mm)	全長 Length(mm)	加工深A (mm)	刀片 Insert	螺絲 Clamp screw	重量 Weight
EBSB25-T16-135-50	25	135	40	TCMT16T304	M4	0.8
EBSB25-C12-135-50				CCMT120404	M5	

WBST刀盤專用四方柄內外圓精搪孔刀架

Internal & External Square Shank Finish Boring Tool holder for WBST Tool Rest



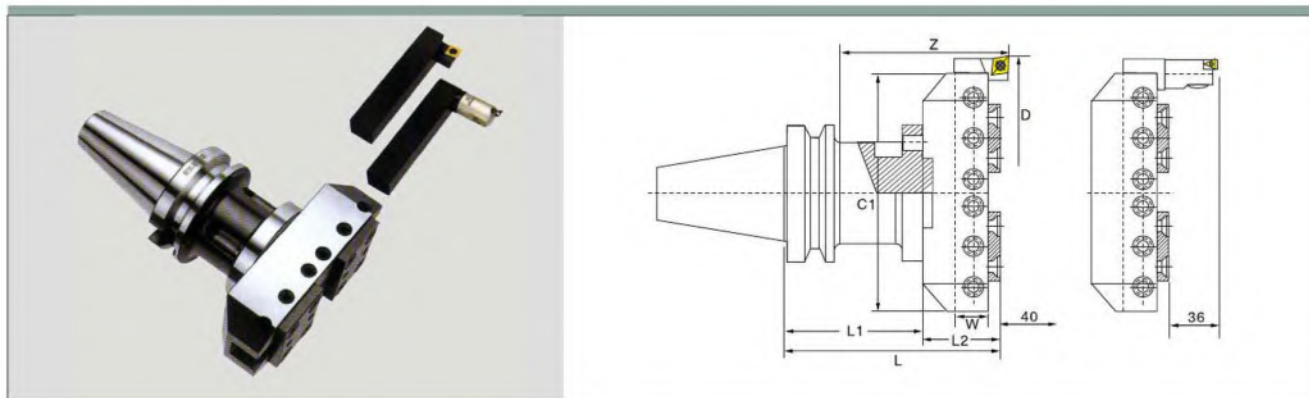
型號 Tape	□W(mm)	全長 Length(mm)	加工深A (mm)	搪頭 Applicable Boring Heads	刀片 Insert	螺絲 Clamp screw	重量 Weight
BSB25-LBK2-135	25	135	36	CBH25	TP08	M2.2	0.63

★此規格不含搪刀頭 ★Boring heads is not included

Φ150以上 WBST四方柄大徑搪刀+BST刀柄(MAS 403BT)

Square Shank Large Hole Boring Head Fitted with WBST Tool Rest+BST shank(MAS 403BT)

(搪孔範圍 Φ150~Φ510mm)(Boring Range from Φ150~Φ510mm)



WBST四方柄搪孔刀架+BST刀柄+BSB25四方柄搪刀

WBST square shank shank boring tool holder + BST + BSB25 Quartet knife handle sugar

規 格 Tape	搪孔範圍 ΦD	有效長 Z	組合內容 Tool Connection		接合型號 LBK NO	全長 L	刀杆長 L1	刀杆外徑 ΦD	淨重 KG
			BST刀杆 BST shank	WBST刀架WBST Tool Rest					
BT40-40-WBST150-125	150-260	90	BT40-BST-70	WBST150	BST	125	70	95	5.7
BT40-40-WBST200-125	200-310			WBST200					6.8
BT50-40-WBST150-155	150-260	110	BT50-BST-100	WBST150		155	100		7.6
BT50-40-WBST150-205		160	BT50-BST-150			205	150		9.3
BT50-40-WBST150-255		210	BT50-BST-200			255	200		12.1
BT50-40-WBST150-305		260	BT50-BST-250			305	250		14
BT50-40-WBST150-355		310	BT50-BST-300			355	300		16
BT50-40-WBST150-405		360	BT50-BST-350			405	350		18.6
BT50-40-WBST150-455		410	BT50-BST-400			455	400		21.8
BT50-40-WBST200-155		200-310	110			BT50-BST-100	WBST200		155
BT50-40-WBST200-205	160		BT50-BST-150	205		150			10.4
BT50-40-WBST200-255	210		BT50-BST-200	255		200			13.2
BT50-40-WBST200-305	260		BT50-BST-250	305		250			15.1
BT50-40-WBST200-355	310		BT50-BST-300	355		300			17.1
BT50-40-WBST200-405	360		BT50-BST-350	405		350			19.7
BT50-40-WBST200-455	410		BT50-BST-400	455		400			22.9
BT50-40-WBST300-155	300-410		110	BT50-BST-100		WBST300			155
BT50-40-WBST300-205		160	BT50-BST-150	205			150		12.8
BT50-40-WBST300-255		210	BT50-BST-200	255			200		15.6
BT50-40-WBST300-305		260	BT50-BST-250	305			250		17.5
BT50-40-WBST300-355		310	BT50-BST-300	355			300		19.5
BT50-40-WBST300-405		360	BT50-BST-350	405			350		22.1
BT50-40-WBST300-455		410	BT50-BST-400	455			400		25.3
BT50-40-WBST400-155		400-510	110	BT50-BST-100			WBST400		155
BT50-40-WBST400-205	160		BT50-BST-150	205		150			15.1
BT50-40-WBST400-255	210		BT50-BST-200	255		200			17.9
BT50-40-WBST400-305	260		BT50-BST-250	305		250			19.8
BT50-40-WBST400-355	310		BT50-BST-300	355		300			21.8
BT50-40-WBST400-405	360		BT50-BST-350	405		350			24.4
BT50-40-WBST400-455	410		BT50-BST-400	455		400			27.6

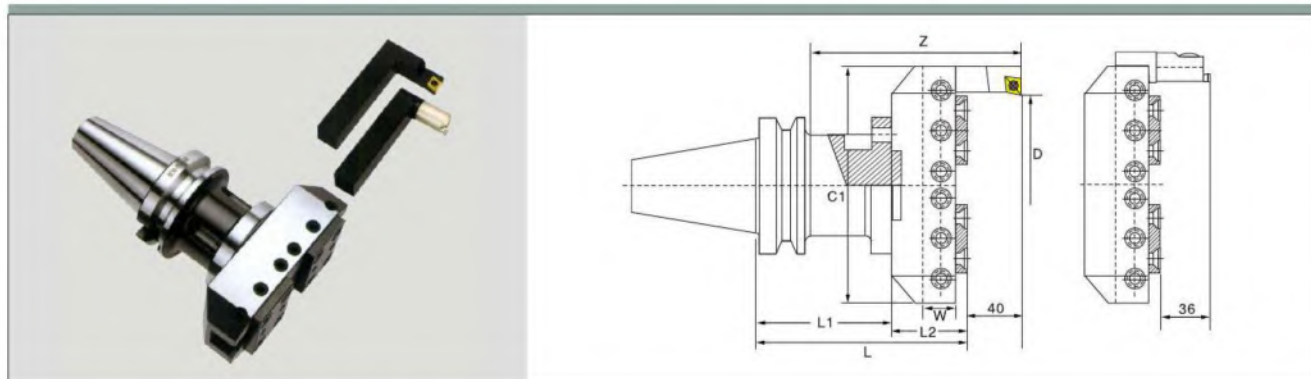
★ 此規格不含BSB25四方柄搪刀。

★ Option of BSB25 Square Shank Boring Tool Holder.



Φ150以上 WBST四方柄大徑搪刀+BST刀柄 (MAS 403BT)外圓加工用 Square Shank Large Hole Boring Head Fitted with WBST Tool Rest+BST shank(MAS 403BT) for External Bori

(搪孔範圍 Φ80~Φ450mm) (Boring Range from Φ80~Φ450mm)



WBST四方柄搪孔刀架+BST刀柄+BSB25四方柄外圓搪刀

WBST square shank boring tool holder + BST + BSB25 square shank tool holders Tool Cylindrical Boring

規格 Tape	搪孔範圍 ΦD	Z	加工 深 A	組合內容 Tool Connection	接合型號	全長	刀杆長	刀杆外徑	淨重
				BST刀杆BST shank WBST刀架WBST Tool Rest	LBK NO	L	L1	ΦD	KG
BT40-40-WBST150-125	80~200	90		BT40-BST-70	WBST150	125	70		5.7
BT40-40-WBST200-125	130~250				WBST200				6.8
BT50-40-WBST150-155		110		BT50-BST-100		155	100		7.6
BT50-40-WBST150-205		160		BT50-BST-150		205	150		9.3
BT50-40-WBST150-255		210		BT50-BST-200		255	200		12.1
BT50-40-WBST150-305		260		BT50-BST-250		305	250		14
BT50-40-WBST150-355		310		BT50-BST-300		355	300		16
BT50-40-WBST150-405		360		BT50-BST-350		405	350		18.6
BT50-40-WBST150-455		410		BT50-BST-400		455	400		21.8
BT50-40-WBST200-155		110		BT50-BST-100		155	100		8.7
BT50-40-WBST200-205		160		BT50-BST-150		205	150		10.4
BT50-40-WBST200-255		210		BT50-BST-200		255	200		13.2
BT50-40-WBST200-305		260		BT50-BST-250		305	250		15.1
BT50-40-WBST200-355		310		BT50-BST-300		355	300		17.1
BT50-40-WBST200-405		360		BT50-BST-350		405	350		19.7
BT50-40-WBST200-455		410		BT50-BST-400		455	400		22.9
BT50-40-WBST300-155		110		BT50-BST-100		155	100		11.1
BT50-40-WBST300-205		160		BT50-BST-150		205	150		12.8
BT50-40-WBST300-255		210		BT50-BST-200		255	200		15.6
BT50-40-WBST300-305		260		BT50-BST-250		305	250		17.5
BT50-40-WBST300-355		310		BT50-BST-300		355	300		19.5
BT50-40-WBST300-405		360		BT50-BST-350		405	350		22.1
BT50-40-WBST300-455		410		BT50-BST-400		455	400		25.3
BT50-40-WBST400-155		110		BT50-BST-100		155	100		13.4
BT50-40-WBST400-205		160		BT50-BST-150		205	150		15.1
BT50-40-WBST400-255		210		BT50-BST-200		255	200		17.9
BT50-40-WBST400-305		260		BT50-BST-250		305	250		19.8
BT50-40-WBST400-355		310		BT50-BST-300		355	300		21.8
BT50-40-WBST400-405		360		BT50-BST-350		405	350		24.4
BT50-40-WBST400-455		410		BT50-BST-400		455	400		27.6

★此規格不含BSB25四方柄搪刀。

★Option of BSB25 Square Shank Boring Tool Holder.

CBI小徑微調精搪刀系列《搪孔範圍Φ3-Φ40mm》 Small Diameter Finish Boring Head Type CBI《Boring Range from Φ3-Φ40mm》



特色

- 1、CBI小徑精搪刀有三種選擇，適用於Φ8-Φ40mm小孔徑使用，如使用全鎢鋼小徑搪刀杆可加工Φ3-Φ10mm小孔。
- 2、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。
- 3、精密過程螺絲位於內部，不受切屑、磨耗、生鏽等影響，具有內部潤滑，精準耐用。

Features

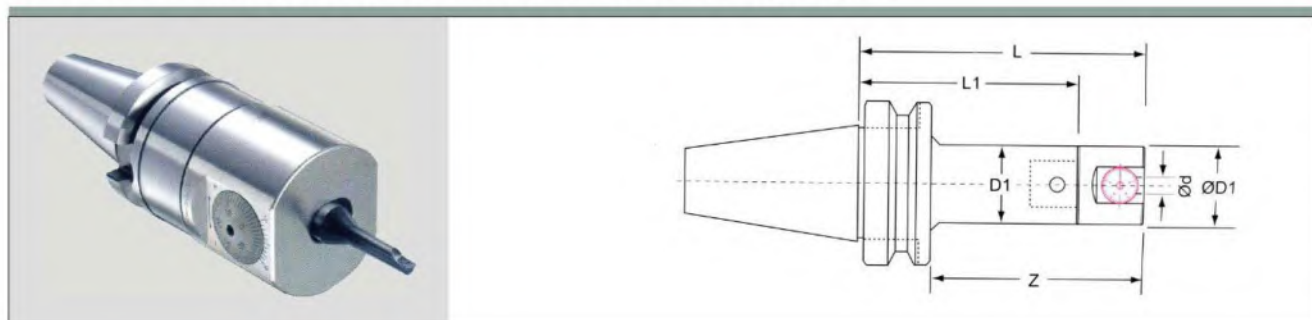
1. Available are three different styles enabling small diameter boring from Φ8mm to Φ40mm. Boring range can be within Φ3mm to Φ10mm if small diameter solid carbide boring bar has been employed.
2. The dial has been graduated into 50 divisions, each of which is 0.01mm on diameter. Available is a sub. dial for finer adjustment.
3. High precision internal lead screw with inner lubrication is free from the effects of chip, featuring high durability.

規格 Specifications

搪頭型號 Boring Head Type	接合型號 LBK No.	內置刀杆ΦDmm Internal Diameter	外徑ΦDmm External Diameter	長度 Length	移動量 Feed	本體重量kg Weight
CBI 4	LBK 4	10	36	32	0-2.0	0.4
CBI 5	LBK 5	12	50	40	0-3.5	0.8
CBI 6	LBK 6	16	64	50	0-5.0	1.4

CBI小徑微調精搪刀系列+LBK刀柄 (MAS 403BT)

CBI Small Diameter Finish Boring Head +LBK Shank(MAS 403BT)



規格 Specifications

CBI小徑微調精搪刀組合系列 Fine Boring knife CBI trail mix series tuning

型號 Tape	移動量 F mm	延伸長 Z	組合內容 Tool Connection		接合型號 LBK No	全長 L	刀杆長 L1	刀杆外徑 D1	內置外徑 d mm	重量 KG
			BST刀杆 BST shank	CBI刀頭 CBI boring head						
BT30-CBI4-100	0-2.0	70	BT30-LBK4-070	CBI4	4	100	70	39	10	1.2
BT30-CBI5-100	0-3.5	70	BT30-LBK5-060	CBI5	5	100	60	50	12	1.6
BT30-CBI6-110	0-5.0	80	BT30-LBK6-060	CBI6	6	110	60	64	16	2.4
BT40-CBI4-115	0-2.0	75	BT40-LBK4-085	CBI4	4	115	85	39	10	1.7
BT40-CBI5-115	0-3.5	75	BT40-LBK5-075	CBI5	5	115	75	50	12	2.1
BT40-CBI6-115	0-5.0	75	BT40-LBK6-065	CBI6	6	115	65	64	16	2.7
BT50-CBI4-145	0-2.0	95	BT50-LBK4-115	CBI4	4	145	115	39	10	4.7
BT50-CBI5-145	0-3.5	95	BT50-LBK5-105	CBI5	5	145	105	50	12	5.3
BT50-CBI6-145	0-5.0	95	BT50-LBK6-095	CBI6	6	145	95	64	16	5.9



CBI小徑微調精搪刀+LBK刀柄 (MAS 403BT) +小徑搪刀杆BJ系列

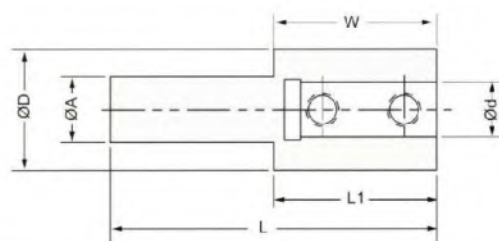
CBI Small Diameter Finish Boring Head +LBK Shank(MAS 403BT) +Tool Extension Type BJ

規格 Specifications

型號 Type	移動量 F mm	延伸長 Z	組合內容 Tool Connection				接合型號 LBK No	全長 L	刀杆長 L1	外徑 D1	重量 KG
			LBK刀杆 LBK shank	CBI刀頭	小徑搪刀杆						
BT30-CBI4-BJ10-5PCS	0-2.0	70	BT30-LBK4-070	CBI4	BJ10-5PCS		4	100	70	39	1.9
BT30-CBI5-BJ12-5PCS	0-3.5	70	BT30-LBK5-060	CBI5	BJ12-5PCS		5	100	60	50	2.3
BT30-CBI6-BJ16-8PCS	0-5.0	80	BT30-LBK6-060	CBI6	BJ16-8PCS		6	110	60	64	4.6
BT40-CBI4-BJ10-5PCS	0-2.0	75	BT40-LBK4-085	CBI4	BJ10-5PCS		4	115	85	39	2.4
BT40-CBI5-BJ12-5PCS	0-3.5	75	BT40-LBK5-075	CBI5	BJ12-5PCS		5	115	75	50	2.8
BT40-CBI6-BJ16-8PCS	0-5.0	75	BT40-LBK6-065	CBI6	BJ16-8PCS		6	115	65	64	4.9
BT50-CBI4-BJ10-5PCS	0-2.0	95	BT50-LBK4-115	CBI4	BJ10-5PCS		4	145	115	39	5.4
BT50-CBI5-BJ12-5PCS	0-3.5	95	BT50-LBK5-105	CBI5	BJ12-5PCS		5	145	105	50	6.0
BT50-CBI6-BJ16-8PCS	0-5.0	95	BT50-LBK6-095	CBI6	BJ16-8PCS		6	145	95	64	8.1

CBI系列專用小徑搪刀延長杆 AC型

Extension Adapter for Small Diameter Boring Bar Dedicated to CBI Series Type AC

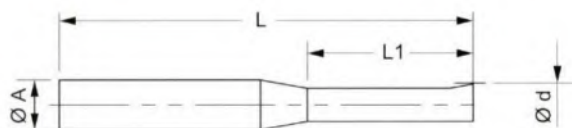


規格 Specifications

型號 Type	柄徑 ΦA(mm)	外徑 ΦDmm External Diameter	內徑 ΦDmm Internal Diameter	延伸長度 L1(mm)	孔 深 W(mm)	全 長 L(mm)
AC1006-30	10	18	06	30	25	55
AC1206-35	12	22	06	35	25	65
AC1210-35	12	22	10	35	30	65
AC1606-35	16	16	06	35	25	85
AC1610-35	16	22	10	35	30	85

CBI系列專用超小徑碳化鎢搪刀 SBJ型

Super Fine Diameter Tungsten Carbide Boring Bar Dedicated to CBI Series Type SBJ



規格 Specifications

型號 Type	搪孔範圍 Boring Range				柄徑 ΦA(mm)	有效長 L1(mm)	總 長 L(mm)
	最小加工直徑 Φ D min	最大加工直徑 Φ D max					
		CBI4	CBI5	CBI6			
SBJ0603-15	3	3	10	13	6	15	50
SBJ0604-20	4	4	11	14	6	20	50
SBJ0605-25	5	5	12	15	6	25	60
SBJ0606-30	6	6	13	16	6	30	60
SBJ1008-35	8	8	15	18	10	35	75
SBJ1010-40	10	10	17	20	10	40	75

CBI4專用小徑搪刀杆 BJ型《搪孔範圍Φ8-Φ24mm》

Fine Boring Bar Type BJ(for CBI 4) 《Boring RangeΦ8-Φ24mm》



型號 Type	Fig	ΦD (mm)	Φd (mm)	L (mm)	L2 (mm)	H (mm)	刀片規格 Insert	螺 絲 Clamp Screw	扳 手 Wrench
BJ1008-32	1	10	8	64	32	9	TB..0601..	M2	T6
BJ1010-40			10	72	40				
BJ1012-45	2		12	77	27		TP..0902..	M2.5	T8
BJ1016-45			16	77	27				
BJ1020-45			20	77	27				
★ BJ10-5PCS	BJ1008-32 BJ1010-40 BJ1012-45 BJ1016-45 BJ1020-45								

CBI5專用小徑搪刀杆 BJ型《搪孔範圍Φ8-Φ27mm》

Fine Boring Bar Type BJ(for CBI 5) 《Boring RangeΦ8-Φ27mm》

型號 Type	Fig	ΦD (mm)	Φd (mm)	L (mm)	L2 (mm)	H (mm)	刀片規格 Insert	螺 絲 Clamp Screw	扳 手 Wrench
BJ1208-32	1	12	8	64	32	9	TB..0601..	M2	T6
BJ1210-40			10	72	40				
BJ1212-45	2		12	77	45		TP..0902..	M2.5	T8
BJ1216-45			16	77	22				
BJ1220-45			20	77	25				
★ BJ12-45PCS	BJ1208-32 BJ1210-40 BJ1212-45 BJ1216-45 BJ1220-45								

CBI6專用小徑搪刀杆 BJ型 《搪孔範圍Φ8-Φ50mm》

Fine Boring Bar Type BJ(for CBI 6) 《Boring RangeΦ8-Φ50mm》

型號 Type	Fig	ΦD (mm)	Φd (mm)	L (mm)	L2 (mm)	H (mm)	刀片規格 Insert	螺 絲 Clamp Screw	扳 手 Wrench
BJ1608-32	1	16	8	74	32	15	TB..0601..	M2	T6
BJ1610-40			10	75	40				
BJ1612-53			12	85	53		TP..0902..	M2.5	T8
BJ1616-68			16	100	68				
BJ1620-83	2		20	115	83		TP..0902..	M3	T9
BJ1625-90			25	122	90				
BJ1630-90			30	122	90				
BJ1640-90			40	122	90				
★ BJ16-8PCS	BJ1608-32 BJ1610-40 BJ1612-53 BJ1616-68 BJ1620-83 BJ1625-90 BJ1630-90 BJ1640-90								

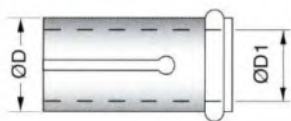
★ 表示盒裝包裝
★ In Box Package

★ 切削加工時，小徑搪刀杆以3倍直徑伸出量為佳。
★ Note: outstretch of small diameter boring is better within 3 times of its diameter when in use.



碳化鎢組合式小徑搪刀杆專用套筒 EC型

Collet for Tung Carbide small Diameter Modular Boring Bar Series Type EC



型號 Type	外徑D (mm)	內徑D1 (mm)	適用鎢鋼刀柄 Applicable Carbide Tool Holder
EC1608	16	8	ST08. HC08
EC1610	16	10	ST10. HC10
EC1612	16	12	ST12. HC12
EC1614	16	14	STL4

碳化鎢組合式小徑搪刀杆 ST型

Tungsten Carbide small Diameter Modular Boring Bar Type ST



型號 Type	全長 L (mm)	柄徑 D (mm)	結合牙 M (mm)	適用搪孔頭 Applicable Carbide Tool Holder	適用套筒 Applicable Bushing
ST08-W5-100L	100	8	M5	BE09A. BE10.5A	EC1608
ST10-W6-110L	110	10	M6	BE12A	EC1610
ST12-W6-120L	120	12		BE14A. BE16A	EC1612
ST14-W6-160L	160	14		BE16A	EC1614
ST16-W10-160L	160	16	M10	BE18A BE20A BE22A BE24A BE26A BE28A BE30A BE32A BE34A BE36A BE38A BE40A	---

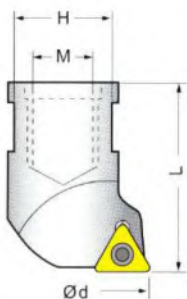
高速鎢組合式小徑搪刀杆 HC型

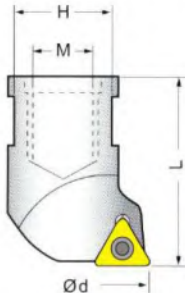
Modular H.S.S Fine Boring Bar Type HC

型號 Type	全長 L (mm)	柄徑 D (mm)	結合牙 M (mm)	適用搪孔頭 Applicable Carbide Tool Holder	適用套筒 Applicable Bushing
HC08-M5-075	75	8	M5	BE09A. BE10.5A	EC1608
HC10-M6-095	95	10	M6	BE12A	EC1610
HC12-M6-115	115	12	M6	BE14A. BE16A	EC1612
HC12-M10-130	130	16	M10	BE18A BE20A BE22A BE24A BE26A BE28A BE30A BE32A BE34A BE36A BE38A BE40A	---
HC16-M10-130					

組合式搪孔頭 BE型《搪孔範圍Φ9-Φ50mm》

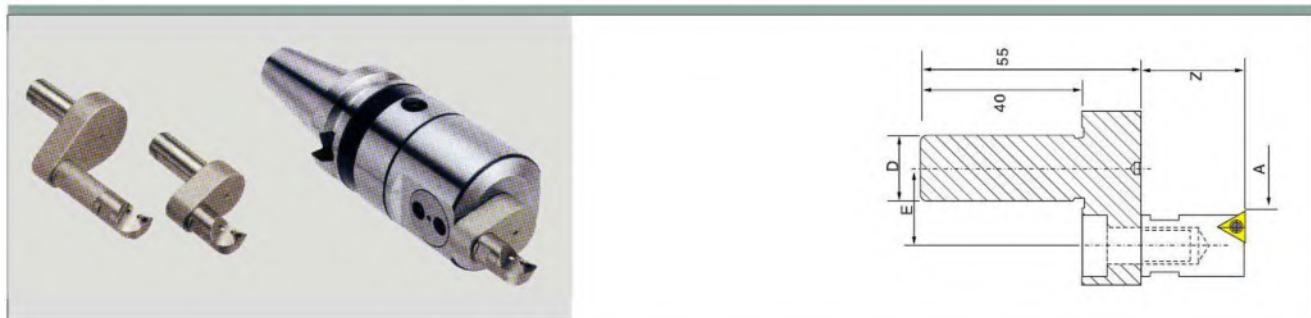
Modular Insert Holder Type BE



	型號 Type	d (mm)	H (mm)	L (mm)	M (mm)	刀片規格 Insert	螺 絲 Clamp Screw	扳 手 Wrench		
	BE09A	9	7	18	M5	TP..0802..	M2.2	T7		
	BE10.5A	10.5								
	BE12A	12	8	23	M6					
	BE14A	14	10							
	BE16A	16								
	BE18A	18	14	27	M10					
	BE20A	20								
	BE22A	22								
	BE24A	24								
	BE26A	26								
	BE28A	28								
	BE30A	30								
	BE32A	32								
	BE34A	34								
	BE36A	36								
	BE38A	38								
	BE40A	40								

CBR20,CBR30組合式外圓搪孔組建 (搪孔範圍 $\Phi 5 \sim \Phi 52\text{mm}$)

CBR20,CBR30 Modular Assemblies for External Boring (Boring Range from $\Phi 5 \sim \Phi 52\text{mm}$)



型 號 Tape	搪孔頭BE型 BE Boring Head	外圓搪孔範圍 ΦD ΦA (mm)	偏心距離 E (mm)	有效深 Z (mm)	柄徑 ΦD (mm)	刀片規格 Insert
C16-CBR20 C20-CBR20	BE36A	5-14	20	27	16/20	TP08/M2.2
	BE34A	7-16				
	BE32A	9-18				
	BE30A	11-20				
	BE28A	13-22				
	BE26A	15-24				
	BE24A	17-26				
	BE22A	19-28				
BE20A	21-30					
C16-CBR30 C20-CBR30	BE18A	23-32	30			
	BE36A	25-34				
	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					

CBR20,CBR30專用加長連接杆

Extension Adapters for CBR20,CBR30

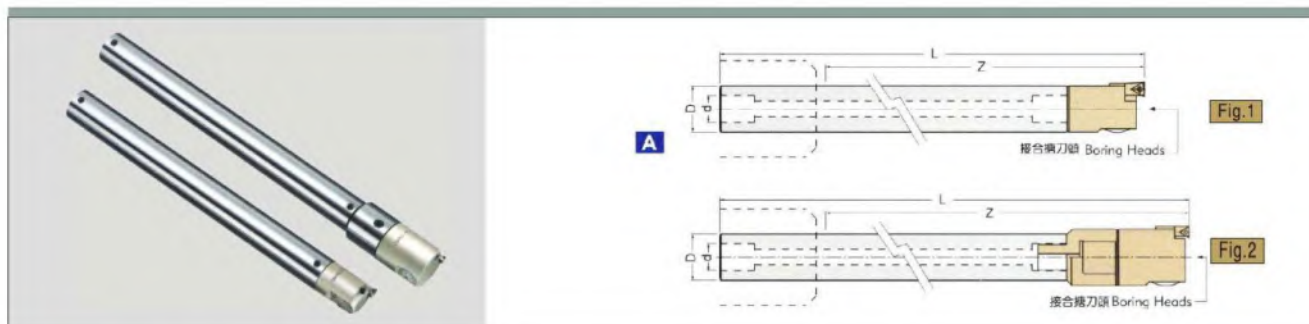


規格 Type	適用搪孔頭 Boring Head	杆長L(mm) Arm length L	有效深Z(mm) Effective depth	結合牙M With teeth
CBRM10-34	BE18A~BE36A	34	61	M10
CBRM10-64		64	91	



超硬整體碳化鎢制搪刀杆《搪孔範圍Φ20-Φ75mm》

Super Hard Solid Tungsten Carbide Boring Bar 《Boring Range from Φ20-Φ75mm》

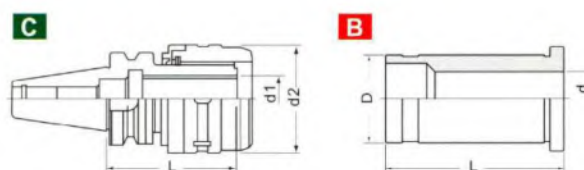


特色

- 1、超硬碳化鎢制搪刀杆，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，可施行超深孔搪孔加工(10D)。
- 2、各種規格均有內部水孔，深孔加工時排屑及冷卻效果良好。
- 3、直柄結構，加工深度可依加工須求自行調整。
- 4、本體兩端均設有結合孔，如遇一端損壞時，另一端即能配合使用，增加刀杆本身價值，更符合經濟效益。

Features

- 1、Super hard tungsten carbide boring bar made from high toughness compound is tough and durable, highly materializing features of superhardness, high rigidity and extra vibration resistance, most suitable for extra depth boring(10D).
- 2、Standard internal coolant hole is built in every size of the bar, best for cooling and chip evacuation in deep hole boring.
- 3、Featuring straight shank structure, the bar can be adjusted to different working lengths.
- 4、On both ends of main body integrated are soldering holes. One hole will be superseded by the other upon breaking. This will reduce your cost and greatly increase the value of boring bar.



碳化鎢直柄搪刀杆

Super Hard Solid Tungsten Carbide Boring Bar

規格 Specifications

型號 Type	樣式 Fig	內孔徑ΦDmm Internal Dia.	外徑ΦDmm External Dia.	全長 L(mm)	有效長 Z(mm)	接合搪刀頭 Applicable Boring Heads	搪孔範圍(mm) Boring Range	重量 KG
SC19-LBK1-150L	1	11	19	225	150	ABH20	20-26	0.8
SC19-LBK1-200L				275	200			1
SC24-LBK2-180L		14	24	260	180	ABH25	25-33	1.45
SC24-LBK2-240L				320	240			1.8
SC32-LBK3-240L	2	18	32	320	240	ABH32	33-42	2.8
SC32-LBK3-310L				390	310			3.5
SC32-LBK3/4-280L		18/22	32/39	365	280	ABH40	40-55	3.1
SC32-LBK3/4-350L				435	350			3.8
SC40-LBK4-310L	1	22	40	390	310	ABH40	41-55	5
SC40-LBK4-400L				480	400			6.5
SC40-LBK4/5-360L	2	22/28	40/50	445	360	ABH52	52-75	5.6
SC40-LBK4/5-450L				535	450			7.1

★ 此規格不含搪刀頭

★ Boring head is not include.

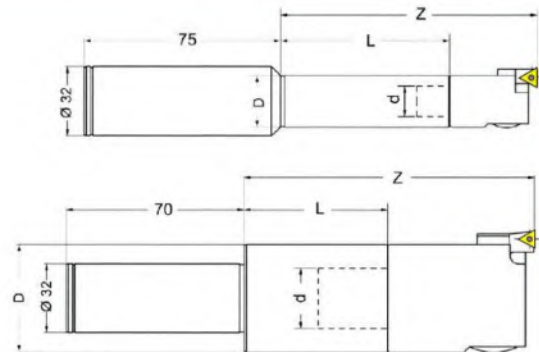
★ LBK3/4與LBK4/5為小變打昇徑延長杆

★ LBK3/4 and LBK4/5 are extensions with magnifying diameter.



C32直柄搪刀杆

C32 Straight Shank Boring Bar



規格 Specifications

型號 Type	內孔徑ΦDmm Internal Dia.	外徑ΦDmm External Dia.	全長 L(mm)	有效長 Z(mm)	接合搪刀頭 Applicable Boring Heads	重量 KG
C32-LBK1-075L	11	19	75	110	ABH20	0.5
C32-LBK2-070L	14	24	70	110	LPK25 LPK25A ABH25	0.55
C32-LBK2-120L	14	24	120	160		0.8
C32-LBK3-070L	18	31	70	110	LPK32 LPK32A ABH32	0.65
C32-LBK3-120L	18	31	120	160		0.95
C32-LBK4-060L	22	39	60	110	LPK40 LPK40A ABH40 CBI 4	0.8
C32-LBK4-110L	22	39	110	160		1.2
C32-LBK5-060L	28	50	60	120	LPK52 LPK52A ABH52 CBI 5	1
C32-LBK5-120L	28	50	120	180		1.95
C32-LBK6-060L	36	64	60	130	LPK68 LPK90 LPK68A LPK90A ABH68, 100, 150; CBI 6	1.55
C32-LBK6-120L	36	64	120	190		2.9

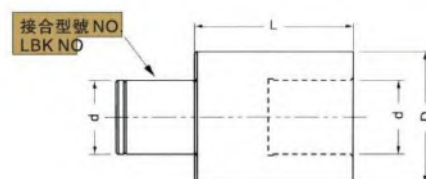
★ 此規格不含搪刀頭

★ Boring head is not includea.



等徑搪刀延長杆

Extension(Constant Diameter)

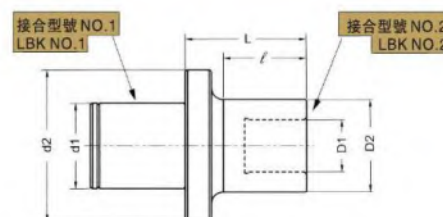


規格 Specifications

型號 Tape	d mm	D mm	L mm	接合搪刀頭 Applicable Boring Heads	重量 KG
LBK1-1-30L	11	19	30	ABH20	0.07
LBK2-2-30L	14	24	30	LPK25 ABH25	0.1
LBK3-3-30L	18	31	30	LPKH32 ABH32	0.15
LBK4-4-45L	22	39	45	LPK40 ABH40 CBI 4	0.4
LBK5-5-60L	28	50	60	LPK52 ABH52 CBI 5	0.8
LBK6-6-60L	36	64	60	LPK68/LPK90 ABH68,100,150 CBI 5	1.4

異徑搪刀延長杆

Extension(Reducing)



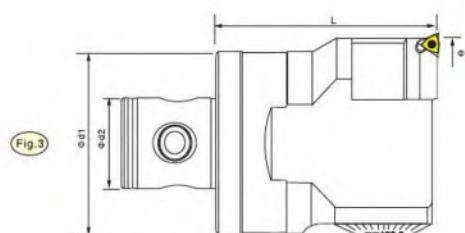
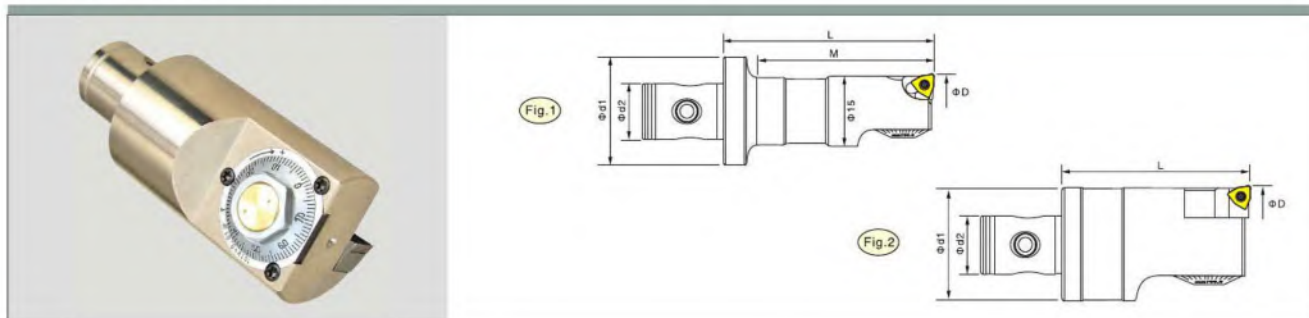
規格 Specifications

型號 Tape	d1 mm	d2 mm	D1 mm	D2 mm	L mm	E mm	接合搪刀頭 Applicable Boring Heads	重量 KG
LBK2-1-36L	14	24			36	30	ABH20	0.1
LBK3-1-41L			14	24	41	30	ABH20	0.15
LBK3-2-37L	18	31	11	19	37	25	LPK25; ABH25	0.15
LBK4-1-58L			14	24	58	40	ABH20	0.3
LBK4-2-50L	22	39	18	31	50	36	LPK25; ABH25	0.3
LBK4-3-50L			11	19	50	37	LPK32; ABH32	0.35
LBK5-1-60L					60	40	ABH20	0.45
LBK5-2-54L					54	35	LPK25; ABH25	0.45
LBK5-2-74L			14	24	74	55	LPK25; ABH25	0.5
LBK5-3-47L	28	50			47	29	LPK32; ABH32	0.5
LBK5-3-72L			18	31	72	54	LPK32; ABH32	0.6
LBK5-4-42L					42	25	LPK40; ABH40	0.5
LBK5-4-67L			22	39	67	50	LPK40; ABH40	0.7
LBK6-1-70L			11	19	70	40	ABH20	0.9
LBK6-2-63L					63	45	LPK25; ABH25	0.7
LBK6-2-93L			14	24	93	75	LPK25; ABH25	0.8
LBK6-3-56L					56	39	LPK32; ABH32	0.75
LBK6-3-96L			18	31	96	79	LPK32; ABH32	0.95
LBK6-4-51L	36	64			51	35	LPK40; ABH40	0.85
LBK6-4-101L			22	39	101	85	LPK40; ABH40	1.3
LBK6-5-41L					41	25	LPK52; ABH52	0.85
LBK6-5-91L			28	52	91	75	LPK52; ABH52	1.45

EMA 微調精鏜頭 EMA Fine tuning boring head

鏜孔範圍 $\Phi 15.9 \sim \Phi 180.5$

Boring range $\Phi 15.9 \sim \Phi 180.5$



型號 Cat. No	鏜孔範圍 ΦD Boring Range	尺寸 Size					適用刀片 Applicable inserts	Fig.	重量 Weight (KG)
		LBK NO	d1	d2	L	M			
EMA16-55-LBK1	15.9 ~ 20.2	LBK1	19	11	55	48	TBGT0601□□L	1	0.08
EMA20-40-LBK1	19.8 ~ 25.2	LBK1	19	11	40	--		2	0.09
EMA25-40-LBK2	24.8 ~ 32.2	LBK2	24	14	40	--			0.13
EMA32-55-LBK3	31.8 ~ 42.2	LBK3	31	18	55	--	TPGT0802□□L	2	0.31
EMA42-70-LBK4	41.8 ~ 55.2	LBK4	39	22	70	--			0.63
EMA55-70-LBK5	54.8 ~ 70.2	LBK5	49	28	70	--			1.06
EMA70-70-LBK6	69.8 ~ 85.2	LBK6	62	36	70	--	TPGT1103□□L	3	2.10
EMA85-100-LBK6	84.8 ~ 100.2	LBK6	62	36	100	--			2.9
EMA100-100-LBK7	99.5 ~ 140.5	LBK7	83	42	100	--			4.3
EMA140-100-LBK7	139.5 ~ 180.5	LBK7	83	42	100	--			5.1

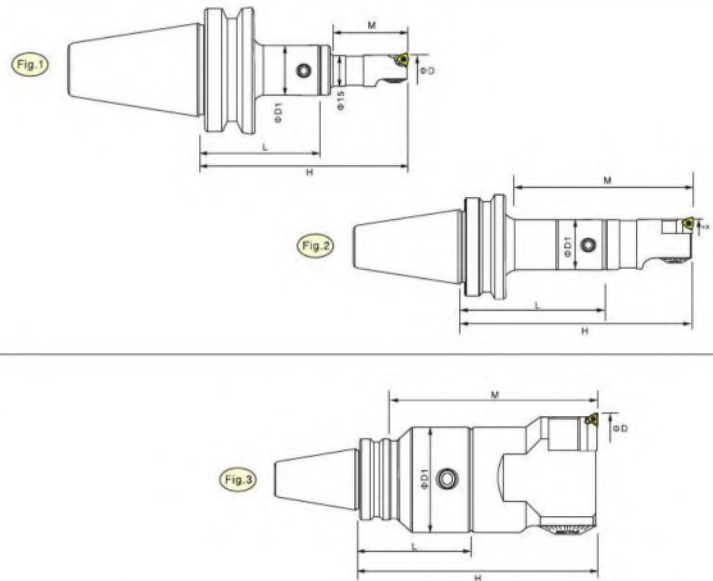
- EMA精鏜刀頭適用於精切削鏜孔，工作範圍16~180均可搭配選用。
 16~32：調整刻度為圓周50等分，每格調整尺寸為半徑0.01mm。
 32~180：調整刻度為圓周100等分，每格調整尺寸為半徑0.005mm。
 精密導程螺絲位於內部，不受切屑、磨耗、生銹等影響，具有內部潤滑，精準耐用。
 內藏式水孔，刀尖直接冷卻，刀片壽命長。
 調整伸縮部為方型結構，雙支撐面固定，所以切削穩固且剛性大。

- EMA boring cutter head for precision cutting boring mills, the working range of 16 to 180 are available with a choice.
 16 ~ 32: Adjusting the scale for the circumference of 50 equal portions, each grid resize diameter 0.01mm.
 32 ~ 180: Adjusting the scale for the circumference of 100 equal portions, each grid resize diameter 0.005mm.
 Precise lead screw in the interior, from chip, wear, rust and other effects of an internal lubrication, precise and durable.
 Built-in water hole, tip the direct cooling, blade long life.
 Adjust the telescopic structure of the Department for square, pairs of support surface is fixed, so cutting a solid and rigid.



BT-EMA 精镗刀

BT-EMA fine boring arbor

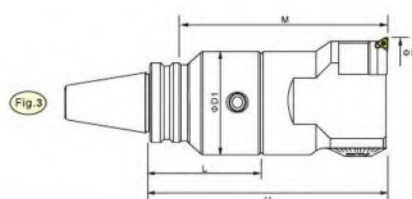
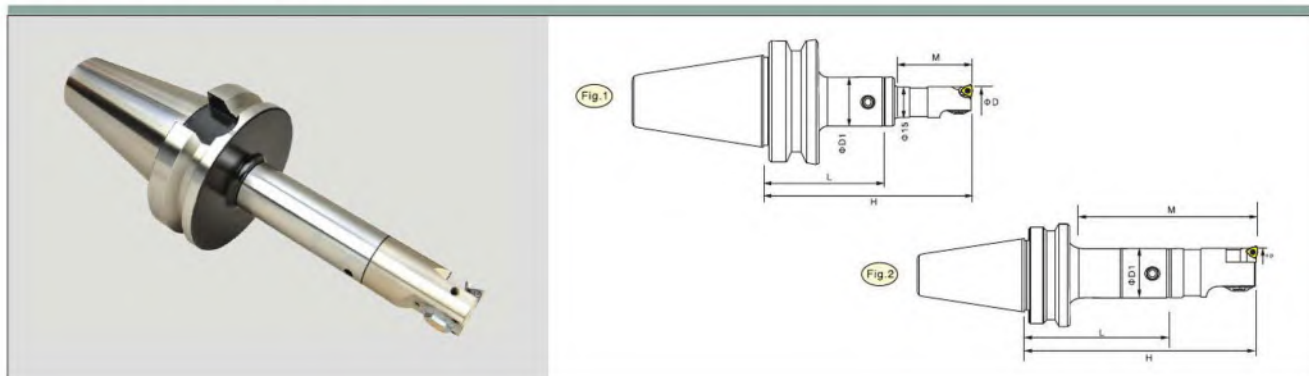


型 號 Cat. No		鏜孔範圍 Boring Range ΦD	有效深度 Boring depth M	組合內容 Modular content 主軸柄 Holder 精鏜頭 Boring heads		Fig.	接口型號 CK NO.	尺 寸 Size L H D1			重量 Weight (KG)
BT30	EMA16-125	15.9 ~ 20.2	48	BT30-LBK1-70	EMA16-55-LBK1	1	LBK1	70	125	19	0.55
	EMA20-110	19.8 ~ 25.2	85	BT30-LBK1-70	EMA20-40-LBK1	2	LBK1	70	110	19	0.56
	EMA25-120	24.8 ~ 32.2	95	BT30-LBK2-80	EMA25-40-LBK2		LBK2	80	120	24	0.61
	EMA32-135	31.8 ~ 42.2	110	BT30-LBK3-80	EMA32-55-LBK3		LBK3	80	135	31	0.74
	EMA42-140	41.8 ~ 55.2	105	BT30-LBK4-70	EMA42-70-LBK4		LBK4	70	140	39	1.19
	EMA55-130	54.8 ~ 70.2	108	BT30-LBK5-60	EMA55-70-LBK5		LBK5	60	130	49	1.73
BT40	EMA16-130	15.9 ~ 20.2	90	BT40-LBK1-75	EMA16-55-LBK1	1	LBK1	75	130	19	1.14
	EMA16-160		110	BT40-LBK1-105				105	160		1.17
	EMA20-115	19.8 ~ 25.2	85	BT40-LBK1-75	EMA20-40-LBK1	2	LBK1	75	115	19	1.16
	EMA20-155		125	BT40-LBK1-115				115	155		1.24
	EMA25-125	24.8 ~ 32.2	95	BT40-LBK2-85	EMA25-40-LBK2	2	LBK2	85	125	24	1.2
	EMA25-155		130	BT40-LBK2-115				115	155		1.28
	EMA32-150	31.8 ~ 42.2	120	BT40-LBK3-95	EMA32-55-LBK3	2	LBK3	95	150	31	1.55
	EMA32-210		170	BT40-LBK3-155				155	210		1.72
	EMA42-155	41.8 ~ 55.2	120	BT40-LBK4-85	EMA42-70-LBK4	2	LBK4	85	155	39	1.78
	EMA42-205		175	BT40-LBK4-135				135	205		2.66
	EMA55-195	54.8 ~ 70.2	140	BT40-LBK5-125	EMA55-70-LBK5	2	LBK5	125	195	49	2.84
	EMA55-245		185	BT40-LBK5-175				175	245		4.36
	EMA70-135	69.8 ~ 85.2	105	BT40-LBK6-65	EMA70-70-LBK6	3	LBK6	65	135	62	2.47
	EMA70-185		155	BT40-LBK6-115				115	185		3.22
	EMA70-235		205	BT40-LBK6-165				165	235		3.97
	EMA85-185	84.8 ~ 100.2	185	BT40-LBK6-115	EMA85-100-LBK6			115	185		4.26
	EMA85-235		235	BT40-LBK6-165				165	235		5.01
	EMA100-190	99.5 ~ 140.5	163	BT40-LBK7-90	EMA100-100-LBK7	3	LBK7	90	190	83	6.96
	EMA140-190	139.5 ~ 180.5	163	BT40-LBK7-90	EMA140-100-LBK7			90	190		7.76

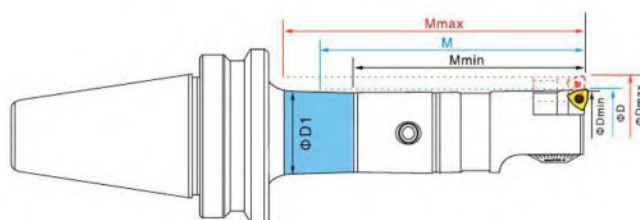


BT-EMA 精镗刀

BT-EMA Fine boring arbor



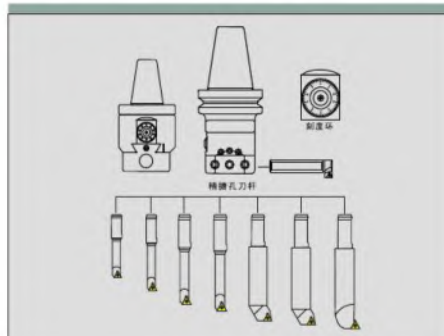
型 號 Cat. No		鏜孔範圍 Boring Range ΦD	有效深度 Boring depth M	組合內容 Modular content		Fig.	接口型號 LBK NO.	尺 寸 Size			重量 Weight (KG)
				主軸柄 Holder	精鏜頭 Boring heads			H	L	D1	
BT50	EMA16-170	15.9 ~ 20.2	48	BT50-LBK1-115	EMA16-55-CK1	1	LBK1	170	115	19	3.84
	EMA20-155	19.8 ~ 25.2	80	BT50-LBK1-115	EMA20-40-CK1	2	LBK1	155	115	19	3.85
	EMA20-185		110	BT50-LBK1-145				185	145		3.97
	EMA25-150	24.8 ~ 32.2	120	BT50-LBK2-110	EMA25-40-CK2	2	LBK2	150	110	24	3.94
	EMA25-180		150	BT50-LBK2-140				180	140		4.18
	EMA32-190	31.9 ~ 42.2	145	BT50-LBK3-135	EMA32-55-CK3	2	LBK3	190	135	31	4.17
	EMA32-230		185	BT50-LBK3-175				230	175		4.45
	EMA42-195	41.8 ~ 55.2	155	BT50-LBK4-125	EMA42-70-CK4	2	LBK4	195	125	39	4.68
	EMA42-255		215	BT50-LBK4-185				255	185		5.20
	EMA55-210	54.8 ~ 70.2	170	BT50-LBK5-140	EMA55-70-CK5	2	LBK5	210	140	49	5.22
	EMA55-280		240	BT50-LBK5-210				280	210		6.66
	EMA70-165	69.8 ~ 85.2	125	BT50-LBK6-95	EMA70-70-CK6	2	LBK6	165	95	62	6.55
	EMA70-240		180	BT50-LBK6-170				240	170		7.79
	EMA70-300		260	BT50-LBK6-230				300	230		8.21
	EMA85-195	84.8 ~ 100.2	155	BT50-LBK6-95	EMA85-100-CK6	2	LBK6	195	95	62	7.35
	EMA85-270		210	BT50-LBK6-170				270	170		8.59
	EMA85-330		290	BT50-LBK6-230				330	230		9.01
	EMA100-205	99.5 ~ 140.5	165	BT50-LBK7-105	EMA100-100-CK7	2	LBK7	205	105	83	9.64
	EMA100-285		245	BT50-LBK7-185				285	185		13.2
	EMA100-300		310	BT50-LBK7-250				350	250		14.5
	EMA140-205	139.5 ~ 180.5	165	BT50-LBK7-105	EMA140-100-CK7	2	LBK7	205	105	83	10.4
	EMA140-285		245	BT50-LBK7-185				285	185		13.9
	EMA140-350		310	BT50-LBK7-250				350	250		15.2





NBH2084 微調精鏜孔系統

NBH2084 Fine-tune the Precision Boring System



型號 Cat. No	鏜孔範圍 Boring Range	調整精度 Tuning precision	調整行程 Stroke	重量 Weight (KG)
NBH2084	Φ8 ~ Φ280	Φ0.01mm/格	28.0mm	3.0

型號 Cat. No	鏜孔範圍 Boring Range	D	L1	L	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 spanner	重量 Weight (KG)
SBJ-2008-32	8 ~ 11	20	32	80	TBGT0601..L	M2.0X5	T6	0.095
SBJ-2010-40	10 ~ 13		40	87	TPGH0902..L	M2.5X6	T8	0.095
SBJ-2012-53	12 ~ 17		53	98				0.12
SBJ-2016-68	16 ~ 21		68	110				0.16
SBJ-2020-83	20 ~ 130		83	123	TPGH1103..L	M3.0X7	T8	0.22
SBJ-2025-96	25 ~ 135		96	137				0.34
SBJ-2030-115	30 ~ 140		115	152				0.54
SBJ-2020-L	120 ~ 280		84+BTL1	100				0.23

NBH2084 微調精鏜孔系統（套裝）

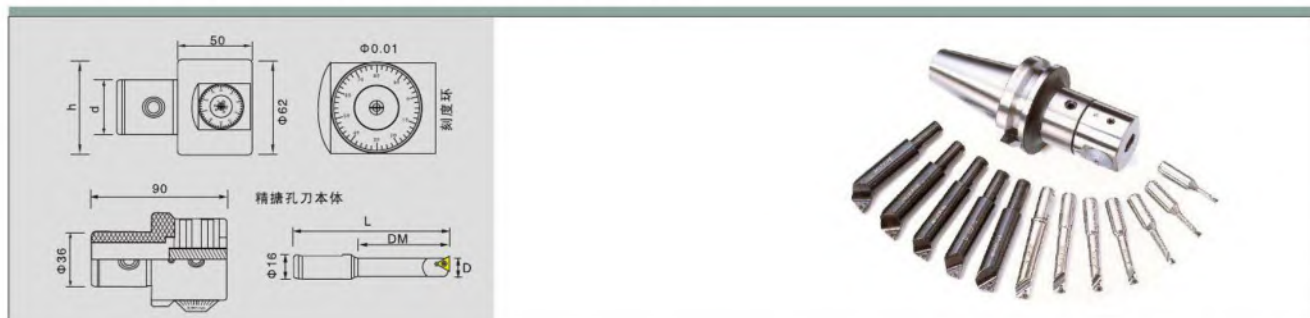
NBH2084 fine-tune the Precision Boring System (Set)



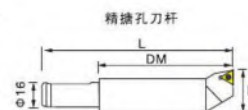
型號 Cat. No	鏜孔範圍 Boring Range	主軸柄規格 Spinde handle models	鏜頭型號 Head NO	鏜刀杆 Bar keep out	重量 Weight (KG)
BT40-NBH2084-8P	08 ~ 280	BT40-NBH-50	NBH2084	SBJ-20..	9.5
BT50-NBH2084-8P	08 ~ 280	BT50-NBH-55		SBJ-20..	12.0
NT40-NBH2084-8P	08 ~ 280	NT40-NBH-50		SBJ-20..	9.3
NT50-NBH2084-8P	08 ~ 280	NT50-NBH-55		SBJ-20..	10.8
SK40-NBH2084-8P	08 ~ 280	SK40-NBH-50		SBJ-20..	9.5
SK50-NBH2084-8P	08 ~ 280	SK50-NBH-55		SBJ-20..	12.0
R8-NBH2084-8P	08 ~ 280	R8-NBH-50		SBJ-20..	10.0

NBJ16 微調精鏜孔系統

NBJ16 Fine-tune the Precision Boring System



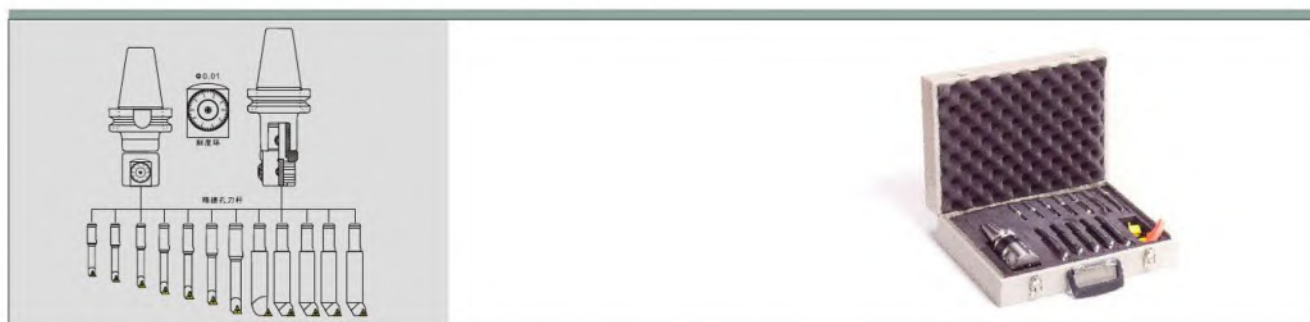
型 號 Cat. No	鏜孔範圍 Boring Range	調整精度 Tuning precision	調整行程 Stroke	重量 Weight (KG)
SBJ 16	Φ6 ~ Φ51	Φ0.01mm/格	6.0mm	1.2



型 號 Cat. No	鏜孔範圍 Boring Range	D	DM	L	適用刀片 Applicable inserts	螺釘 Clamp screw	扳手 spanner	重量 Weight (KG)
SBJ-1606-24	6 ~ 9	16	24	73	WBGTO601..L	M2X4	T6	0.014
SBJ-1608-32	8 ~ 11		32	80	TBGTO601..L	M2X5		0.077
SBJ-1610-40	10 ~ 13		40	87				0.082
SBJ-1612-53	12 ~ 15		53	98	TPGH0902..L	M2.5X6	T8	0.095
SBJ-1614-60	14 ~ 17		60	103				0.101
SBJ-1616-68	16 ~ 21		68	110				0.143
SBJ-1620-83	20 ~ 26		83	125	TPGH1103..L	M3.0X7	T8	0.203
SBJ-1625-90	25 ~ 31		90	128				0.275
SBJ-1630-90	30 ~ 36		90	128				0.275
SBJ-1635-90	35 ~ 41		90	128				0.280
SBJ-1640-90	40 ~ 46		90	128				0.286
SBJ-1645-90	45 ~ 51		90	128				0.211

NBJ16 微調精鏜孔系統（套裝）

NBJ16 fine-tune the Precision Boring System (Set)



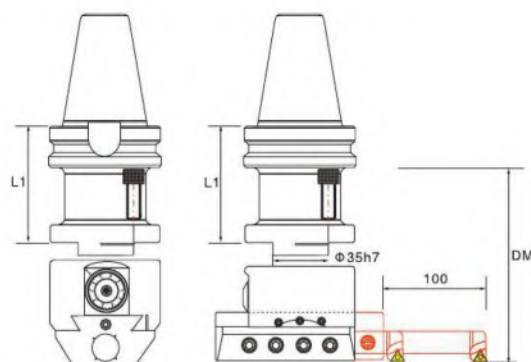
型 號 Cat. No	鏜孔範圍 Boring Range	主軸柄規格 Spinde handle models	鏜頭型號 Head NO	鏜刀杆 Bar keep out	重量 Weight (KG)
BT40-NBJ16-12P	6 ~ 51	BT40-CK6-55	NBJ16	SBJ-16..	9.1
BT50-NBJ16-12P	6 ~ 51	BT50-CK6-65		SBJ-16..	11.7
NT40-NBJ16-12P	6 ~ 51	NT40-CK6-55		SBJ-16..	8.5
NT50-NBJ16-12P	6 ~ 51	NT50-CK6-65		SBJ-16..	10.3
SK40-NBJ16-12P	6 ~ 51	SK40-CK6-55		SBJ-16..	8.9
SK50-NBJ16-12P	6 ~ 51	SK50-CK6-65		SBJ-16..	10.5



2084A-RBH 微調精搪孔系統

2084A-RBH Boring System

搪孔刀柄 Taper Shank
精搪孔刀本體 Body
精搪孔刀杆 Cutting Bar



2084A-RBH 微調精搪孔系統-搪孔刀柄

2084A-RBH fine-tune the precise boring system – boring tool holder

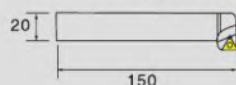
規 格 Tape	L1	搪孔深度 DM	淨重 KG
BT50-2084A-100	100	150	5.1
BT50-2084A-150	150	200	6.1
BT50-2084A-200	200	250	7.1
BT50-2084A-250	250	300	8.1

RBH 微調精搪孔系統-精搪孔刀本體

RBH precision boring system tuning – fine boring tool body

規 格 Tape	範 圍 D $\Phi D_{min}-\Phi D_{max}$	滑座外徑 Body Diameter	刀徑 Cutting Bar	扳手 Wrench	搪孔刀柄 Taper Shank	淨重 KG
RBH2084	140-300	$\Phi 84$	$\square 20$	$\bigcirc 4 \bigcirc 6$	2084A	2.88
RBH20110	140-340	$\Phi 110$	$\square 20$	$\bigcirc 4 \bigcirc 6$	2084A	3.88

精搪孔刀杆



RBH 微調精搪孔系統-精搪孔刀杆

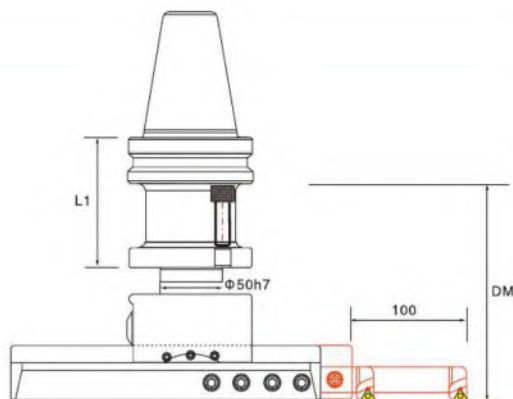
RBH precision boring system tuning – fine boring Arbor

規 格 Tape	刀徑 Cutting Bar	刀片 Insert	螺絲 Clamp Screw	扳手 Wrench	淨重 KG
BH20TP	$\square 20$	TPGH1103..L	SB-3TR-M3	T8	0.45

BST-RBH 微調精搪孔系統

BST-RBH Boring System

搪孔刀柄 Taper Shank
精搪孔刀本體 Body
精搪孔刀杆 Cutting Bar



BST-RBH 微調精搪孔系統-搪孔刀柄

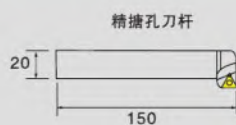
BST-RBH precision boring system tuning – boring tool holder

規格 Tape	L1	搪孔深度 DM	淨重 KG
BT50-BST100	100	150	5.75
BT50-BST150	150	200	6.75
BT50-BST200	200	250	7.75
BT50-BST250	250	300	8.75

RBH 微調精搪孔系統-精搪孔刀本體

RBH precision boring system tuning – fine boring tool body

規格 Tape	範圍 D $\phi D_{min}-\phi D_{max}$	滑座外徑 Body Diameter	刀徑 Cutting Bar	扳手 Wrench	搪孔刀柄 Taper Shank	淨重 KG
RBH20150	170-370	$\phi 150$	$\square 20$	$\phi 4 \phi 6$	BST	4.88
RBH20250	270-470	$\phi 250$	$\square 20$	$\phi 4 \phi 6$	BST	5.90
RBH20350	370-570	$\phi 350$	$\square 20$	$\phi 4 \phi 6$	BST	7.35



RBH 微調精搪孔系統-精搪孔刀杆

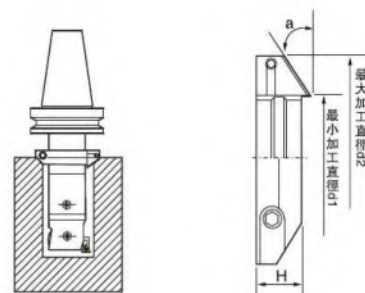
RBH precision boring system tuning – fine boring Arbor

規格 Tape	刀徑 Cutting Bar	刀片 Insert	螺絲 Clamp Screw	扳手 Wrench	淨重 KG
BH20TP	$\square 20$	TPGH1103..L	SB-3TR-M3	T8	0.45



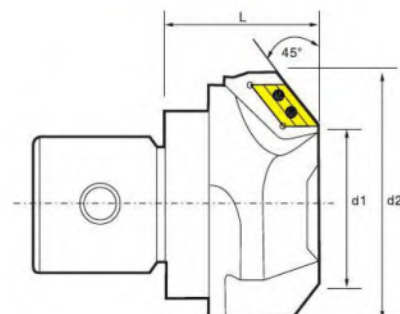
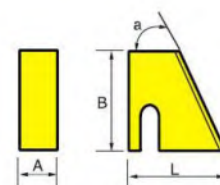
LBK 倒角刀

LBK Chamfering cutter

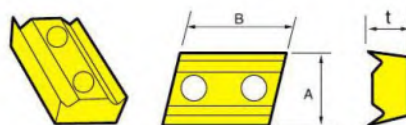


型號 Cat. No	尺寸 Size			組合刀柄 Modular holder	適用刀片 Applicable inserts
	d1	d2	D		
ZC1-35	20	35	13	LBK1	ZM1-45 ZM1-30
ZC2-42	25	42	15	LBK2	
ZC3-49	32	49		LBK3	
ZC4-57	41	57		LBK4	
ZC5-90	53	90	25	LBK5	ZM2-45 ZM2-30
ZC6-104	68	104		LBK6	
ZC7-138	98	138		LBK6	
ZC8-160	120	160		LBK6	

型號 Cat. No	尺寸 Size				組合刀柄 Modular holder
	L	A	B	D	
ZM1-45	23.5	4	9	45°	LBK1-4
ZM2-45	43	8	20		LBK5-6
ZM1-30	27.5	4	9	30°	LBK1-4
ZM2-30	52	8	20		LBK5-6



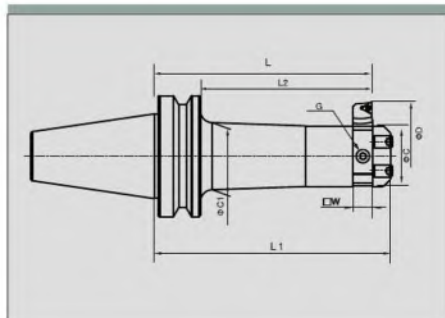
型號 Cat. No	刃數 Teeth	尺寸 Size			組合刀柄 Modular holder	適用刀片 Applicable inserts	螺釘 Clamp screw
		d1	d2	D			
LBK-B2-C0525	1	5	25	25	LBK2	CW1206A	M2
LBK-B4-C1040	2	10	40	35	LBK4	CW1909A	M3
LBK-B5-C3060	3	30	60	40	LBK5		
LBK-B5-C50100	3	50	100	65	LBK6	CW3115A	M5



型號 Cat. No	尺寸 Size			螺釘 Clamp screw
	A	B	t	
CW1206A	6.35	12.7	2.7	M2
CW1909A	9.525	4.5	4.5	M3
CW3115A	15.875	7.0	7.0	M5

BT-BSB 90° 直角粗镗刀

BT-BSB 90° angle Rough Boring Tool



型 號 Cat. No	範 圍 ϕD		L	L1	L2	L3	ϕC	$\phi C1$	W	G	净重 KG
	min	max									
BT40-BSB 25-135	25	52	135	150	105	50	20	22	8	M8	1.5
BT40-BSB 38-165	38	70	165	180	135	70	30	33	10	M10	2.0
BT40-BSB 50-165	50	90	165	180	135	85	40	44	13	M10	2.8
BT40-BSB 50-210	50	90	210	225	180	85	40	44	13	M10	3.3
BT40-BSB 62-165	62	115	165	180	135	---	50	---	16	M10	4.0
BT40-BSB 62-225	62	115	225	240	195	95	50	56	16	M10	5.0
BT40-BSB 72-165	72	135	165	180	135	---	60	---	19	M10	4.8
BT40-BSB 72-225	72	135	225	240	195	---	60	---	19	M10	6.1
BT40-BSB 90-165	90	150	165	180	135	60	75	---	19	M12	7.1
BT40-BSB 90-210	90	150	210	225	180	60	75	---	19	M12	9.0
BT50-BSB 25-135	25	52	135	150	92	50	20	22	8	M8	4.3
BT50-BSB 38-180	38	70	180	195	137	70	30	32	10	M10	4.9
BT50-BSB 50-180	50	90	180	195	137	85	40	44	13	M10	5.5
BT50-BSB 50-240	50	90	240	255	197	85	40	44	13	M10	5.8
BT50-BSB 62-195	62	115	195	210	152	95	50	56	16	M10	6.4
BT50-BSB 62-270	62	115	270	285	227	95	50	56	16	M10	7.8
BT50-BSB 72-195	72	135	195	210	152	110	60	66	19	M10	7.3
BT50-BSB 72-285	72	135	285	300	242	110	60	66	19	M10	9.6
BT50-BSB 90-210	90	150	210	225	167	130	75	80	19	M12	9.7
BT50-BSB 90-300	90	150	300	315	257	130	75	80	19	M12	12.8
BT50-BSB105-195	105	190	195	210	152	---	90	---	25	M12	11.4
BT50-BSB105-285	105	190	285	300	242	150	90	94	25	M12	15.7



粗镗刀。適于通孔。也可用來反镗

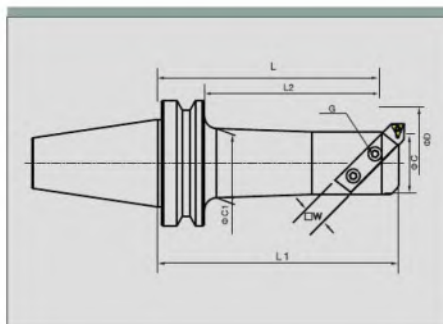


Bo ring Bar for rough cutting best suiting through-hole boring. Also app " cable to counter bore spot facing .



BT-BSA 45° 斜角粗鏜刀

BT-BSA 45° oblique angle rough boring tool



型號 Cat. No	範圍 φD		L	L1	L2	L3	φC	φC1	W	G	淨重 KG
	min	max									
BT30-BSA25-120	25	38	120	92	---	1	20	---	8	M6	0.8
BT30-BSA30-150	30	42	150	121	---	1.6	24	---	8	M6	1.0
BT30-BSA38-165	38	52	165	135	---	2.6	30	---	10	M8	1.4
BT30-BSA42-165	42	56	165	138	---	2	34	---	10	M8	1.7
BT40-BSA25-135	25	38	135	105	35	1	20	22	8	M6	1.4
BT40-BSA30-135	30	42	135	105	40	1.6	24	26	8	M6	1.6
BT40-BSA 38-165	38	52	165	133	50	2.6	30	33	10	M8	2.9
BT40-BSA42-180	42	56	180	148	60	2	34	37	10	M8	2.4
BT40-BSA50-165	50	65	165	133	65	3	40	44	13	M10	3.7
BT40-BSA50-210	50	65	210	178	65	3	40	44	13	M10	3.2
BT40-BSA62-165	62	90	165	133	---	2	50	---	16	M10	4.9
BT40-BSA62-225	62	90	225	193	80	2	50	56	16	M10	4.8
BT40-BSA72-165	72	110	165	---	---	2.4	60	---	19	M10	5.5
BT40-BSA72-225	72	110	225	---	---	2.4	60	---	19	M10	6.8
BT40-BSA90-165	90	125	165	133	60	4	75	---	19	M12	10.2
BT50-BSA25-135	25	38	135	92	35	1	20	22	8	M6	4.2
BT50-BSA30-165	30	42	165	122	40	1.6	24	26	8	M6	4.4
BT50-BSA38-180	38	52	180	137	50	2.6	30	33	10	M8	4.8
BT50-BSA42-210	42	56	210	167	60	2	34	37	10	M8	5
BT50-BSA50-180	50	65	180	137	65	3	40	44	13	M10	5.4
BT50-BSA50-240	50	65	240	197	65	3	40	44	13	M10	5.7
BT50-BSA62-195	62	90	195	152	80	2	50	56	16	M10	6.2
BT50-BSA62-270	62	90	270	227	80	2	50	56	16	M10	7.6
BT50-BSA72-195	72	110	195	152	95	2.4	60	66	19	M10	7
BT50-BSA72-285	72	110	285	242	95	2.4	60	66	19	M10	9.3
BT50-BSA90-210	90	125	210	167	110	4	75	80	19	M12	9.2
BT50-BSA90-300	90	125	300	257	110	4	75	80	19	M12	12.3
BT50-BSA105-195	105	160	195	---	---	3	90	---	25	M12	10.7
BT50-BSA105-285	105	160	285	---	130	3	90	94	25	M12	15



粗鏜刀、適于通孔及盲孔加工

滑槽與刀刃平行

鏜刀頭單獨定購

注意D的最小尺寸與L、L1、L2



Boring Bar rough cutting beart suiting through-hole and blind hole borings

· The same location of drive key and cunina edae.

· Please order boring bite separately.

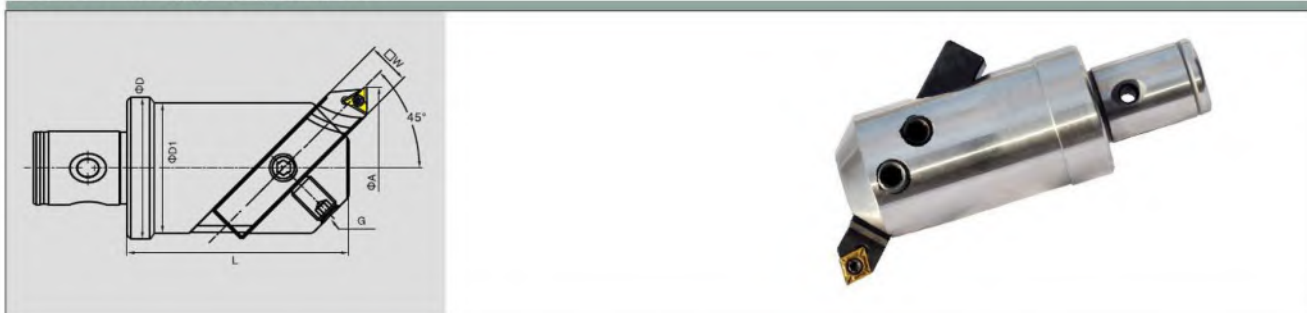
· Dimensjon of L, L1, L2 criteria, when D is minimum dimension.

BS模組化搪頭

BS Modular boring heads

BSA斜角型搪頭

BSA bevel-type sugar head



型號 Cat. No	鏜孔範圍 Boring Range		尺寸 Size					
	ΦA min	ΦA max	ΦD	$\Phi D1$	L	E	$\square W$	G
BSA30-CK2	$\Phi 30$	$\Phi 42$	24	24	40	1.6	8	M6x1.00P
BSA38-CK3	$\Phi 38$	$\Phi 52$	31	60	60	2.6	10	M8x1.25P
BSA50-CK4	$\Phi 50$	$\Phi 65$	42	40	70	3	13	M10x1.50P
BSA62-CK5	$\Phi 62$	$\Phi 90$	55	50	85	2	16	M12x1.75P
BSA72-CK6	$\Phi 72$	$\Phi 110$	63	60	98	2.4	19	M12x1.75P

BSB斜角型搪頭

BSB bevel-type sugar head



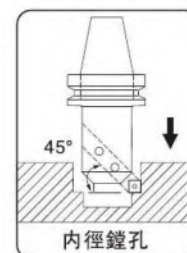
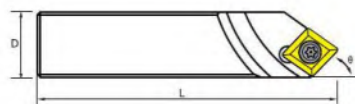
型號 Cat. No	鏜孔範圍 Boring Range		尺寸 Size					
	ΦA min	ΦA max	ΦD	$\Phi D1$	L	L1	$\square W$	G
BSB25-CK2	$\Phi 26$	$\Phi 52$	24	20	45	10	8	M6x1.00P
BSB38-CK3	$\Phi 38$	$\Phi 70$	31	30	55	10	10	M8x1.25P
BSB50-CK4	$\Phi 50$	$\Phi 90$	42	40	60	10	13	M10x1.50P
BSB62-CK5	$\Phi 62$	$\Phi 115$	55	50	70	12	16	M12x1.75P
BSB72-CK6	$\Phi 72$	$\Phi 135$	63	60	85	12	19	M12x1.75P



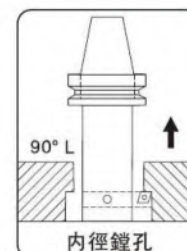
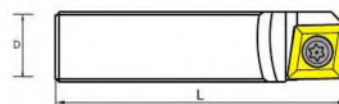
CBS 刀夾

CBS turner

- 适用于BSA、BSB粗搪刀，適合重切削加工
- For BSA, BSB coarse sugar cutter, suitable for heavy machining



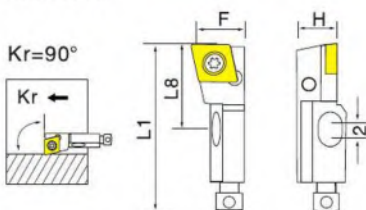
型號 Cat. No	D	L	角度 Angle	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench
CBS-408	8	50	45°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-410	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS-413	13	70				
CBS-416	16	100				
CBS-419	19	150				
CBS-425	25	150	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-908	8	50		CCMT1204 CCMT09T3	M4-10-5.7-60	T15
CBS-910	10	60				
CBS-913	13	70				
CBS-916	16	100				
CBS-919	19	150				
CBS-925	25	150				



型號 Cat. No	D	L	角度 Angle	刀片規格 Insert	螺絲 Clamp Screw	扳手 Wrench
CBS908L	8	50	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS910L	10	60		CCMT1204 CCMT09T3	M4-10-5.7-60	T15
CBS913L	13	70				
CBS916L	16	100				
CBS919L	19	150				

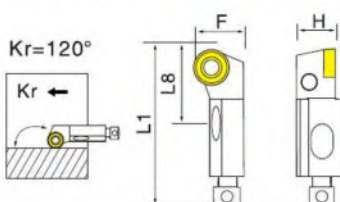
卡式刀座 Cassette Knife Block

SCFCR



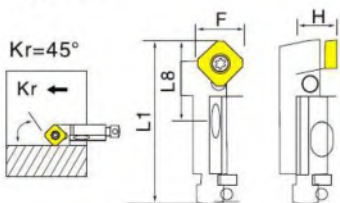
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
SCFCR-08CA-06	32	15	10	8	25	0.4	CC..0602..
SCFCR-10CA-09	50	30	14	10	40	0.4	CC..09T3..

SRSCR



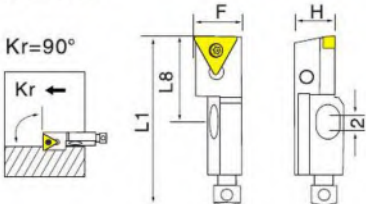
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
SRSCR/L-10CA-10	50	30	14	10	40		RC..10T3..

SSSPR



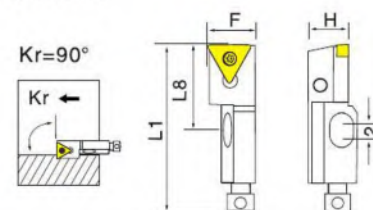
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
SSSPR-10CA-09	50	30	14	10	40	0.4	SP..0903..

STFCR



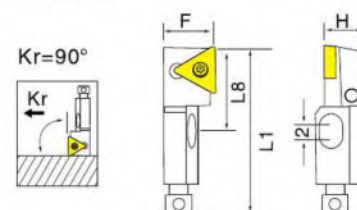
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
STFCR-08CA-09	32	15	10	8	25	0.4	TC..0902..
STFCR-10CA-11	50	30	14	10	40	0.4	TC..1102..
STFCR-12CA-16	55	35	20	12	50	0.8	TC..16T3..

STFPR



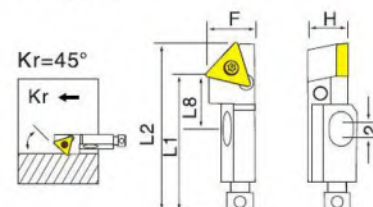
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
STFPR-08CA-09	32	15	10	8	25	0.4	TP..0902..
STFPR-10CA-11	50	30	14	10	40	0.4	TP..1102..
STFPR-12CA-16	55	35	20	12	50	0.8	TP..1603..

STGCL



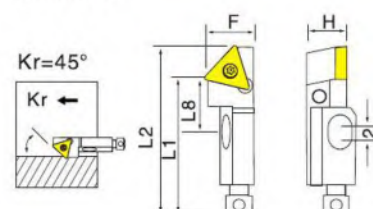
型號 Cat. No	尺寸 Size						刀片 Insert
	L1	L8	F	H	Dm	R	
STGCL-12CA-16	32	35	20	12	75	0.8	TC..16T3..

STSPR



型號 Cat. No	尺寸 Size							刀片 Insert
	L1	L2	L8	F	H	Dm	R	
STSPR-08CA-09	28	34.1	11	10	8	25	0.4	TP..0902..
STSPR-10CA-11	44	51.0	24	14	10	40	0.4	TP..1102..
STSPR-12CA-16	47	57.0	27	20	12	50	0.8	TP..1603..

STSCR



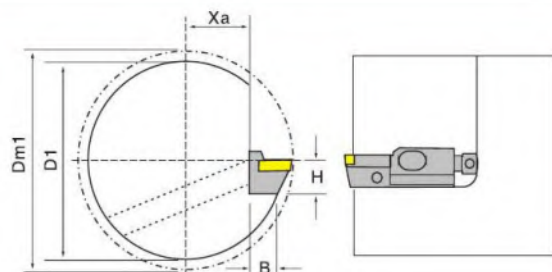
型號 Cat. No	尺寸 Size							刀片 Insert
	L1	L2	L8	F	H	Dm	R	
STSCR-08CA-09	28	34.1	11	10	8	25	0.4	TC..0902..
STSCR-10CA-11	44	51.0	24	14	10	40	0.4	TC..1102..
STSCR-12CA-16	47	57.0	27	20	12	50	0.8	TC..16T3..



卡式刀座

Cassette Knife Block

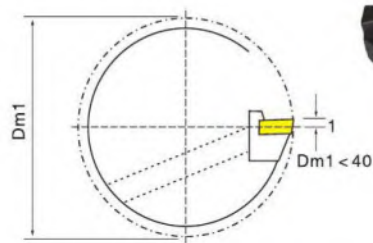
Axial mounting



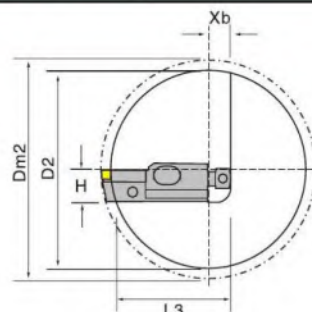
$$Xa = \frac{Dm1}{2} - F$$

Axial adjust = ± 1 mm
Radial adjust = $+0.5$ mm

$$D1 = 2\sqrt{H^2 + (B(\pm)xa)^2}$$



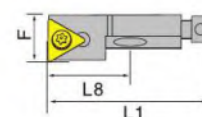
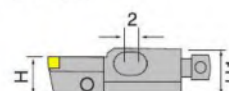
Radial mounting

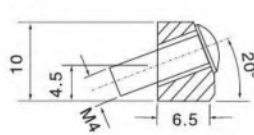
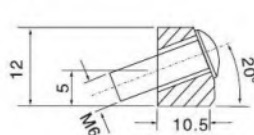
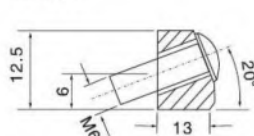


$$Xb = L1 - \frac{Dm2}{2}$$

Axial adjust = $+0.5$ mm
Radial adjust = ± 1 mm

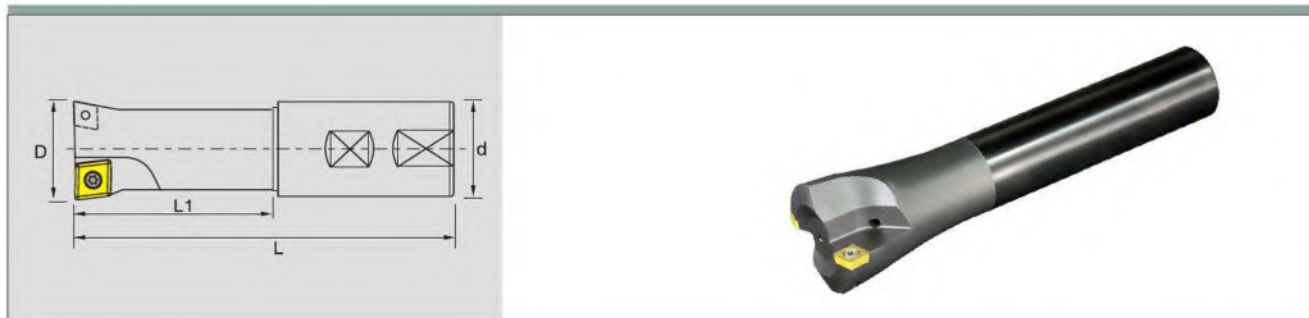
$$D2 = 2\sqrt{H^2 + (L3(\pm)xb)^2}$$



规格尺寸 Cartridge size	订购代码 Ordering code	螺丝 Screw	扳手 Wrench	螺丝 Screw	扳手 Wrench	螺丝 Screw	螺钉 Screw	扳手 Wrench
08CA 	SCFCR-08CA-06	HM408	PL20	HTR414	PL25	RTM412	MS2506A	TF9
	STFCR-08CA-09							
	STFPR-08CA-09							
	STSCR-08CA-09							
	STSPR-08CA-09							
10CA 	SCFCR-10CA-09	HM410	PL20	HTR623	PL25	RTM515	MS4011A	TF15
	SRSCR/L-10CA-10						MS3509A	TF15
	SSSPR-10CA-09						MS4011A	TF15
	STFCR-10CA-11						MS2506A	TF9
	STFPR-10CA-11						MS3008A	TF9
	STSCR-10CA-11						MS2506A	TF9
	STSPR-10CA-11						MS3008A	TF9
12CA 	SCFCR-08CA-06	HM412	PL20	HTR623	PL25	RTM515	MS4011A	TF15
	STFCR-08CA-09							
	STFPR-08CA-09							
	STSCR-08CA-09							
	STSPR-08CA-09							

固定式粗搪刀

TDL Twin Edge Rough Boring Tool



型 號 Cat. No	刃數 No. of flutes	尺 寸 Size			
		D	d	L	L1
TDL-12-120	1	11.7	16	120	30
TDL-13-120	1	12.7	16	120	30
TDL-14-120	1	13.7	16	120	30
TDL-15-120	1	14.7	16	130	30
TDL-16-135	2	15.7	16	135	70
TDL-17-135	2	16.7	16	135	70
TDL-18-135	2	17.7	16	135	70
TDL-19-160	2	18.7	16	160	90
TDL-20-160	2	19.7	20	160	90
TDL-22-160	2	21.7	20	160	90
TDL-24-180	2	23.7	20	180	100
TDL-25-190	2	24.7	25	190	110
TDL-26-200	2	25.7	25	200	120
TDL-27-200	2	26.7	25	200	120
TDL-28-200	2	27.7	25	200	120
TDL-30-210	2	29.7	25	210	130
TDL-32-210	2	31.7	25	210	130
TDL-35-250	2	34.7	32	250	150
TDL-37-250	2	36.7	32	250	150
TDL-40-270	2	39.7	32	270	170
TDL-42-250	2	41.7	32	250	150
TDL-45-310	2	44.7	32	310	210
TDL-47-260	2	46.7	32	260	160
TDL-50-260	2	49.7	42	260	160
TDL-50-310	2	49.7	42	310	210
TDL-52-260	2	51.7	42	260	160
TDL-55-330	2	54.7	42	330	230
TDL-60-260	2	59.7	42	260	160
TDL-60-350	2	59.7	42	350	250

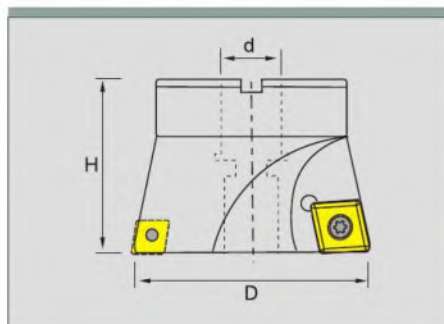
配件 Mating

型 號 Cat. No	刀 片 Insert	螺 釘 Clamp screw	扳 手 wrench
TDL-16	CCMT060204	M2.5 × 6	T8
TDL-30	CCMT09T308	M4 × 10	T15



固定式粗搪刀頭

TDL Twin Edge Rough Boring Tool



型 號 Cat. No	刃數 No.of flutes	尺 寸 Size		
		D	d	L1
TDL-45-22	2	44.7	22	50
TDL-50-22	2	49.7	22	50
TDL-55-22	2	54.7	22	50
TDL-60-22	2	59.7	22	50
TDL-62-22	2	61.7	22	50
TDL-62-25.4	2	61.7	25.4	50
TDL-65-25.4	2	64.7	25.4	50
TDL-70-25.4	2	69.7	25.4	50
TDL-72-25.4	2	71.7	25.4	50
TDL-75-25.4	2	74.7	25.4	50
TDL-80-25.4	2	79.7	25.4	50
TDL-85-25.4	2	84.7	25.4	50
TDL-90-31.75	2	89.7	31.75	50
TDL-95-31.75	2	94.7	31.75	50
TDL-100-31.75	2	99.7	31.75	50

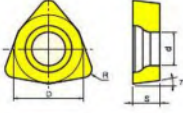
配件 Mating

型 號 Cat. No	刀 片 Insert	螺 釘 Clamp screw	扳 手 wrench
TDL-62	CCMT09T308	M4 × 10	T15

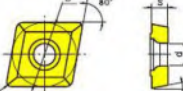
孔加工可轉位刀片

Insererts for Boring

WCMX (適合WC快速鑽使用)

型號 Cat.No	P301	刀片形狀 Blade Shape	尺寸 (mm)				
			D	d	S	R	
WCMX030208	●		5.56	2.8	2.5	0.8	ROSS
WCMX040208	●		6.35	3.1	2.5	0.8	
WCMX050308	●		7.94	3.2	3.3	0.8	
WCMX060308	●		9.525	3.7	4.14	0.8	
WCMX080408	●		12.7	4.3	4.14	1.2	

C (適合EMR粗搪系統)

型號 Cat.No	P301	P301F	刀片形狀 Blade Shape	尺寸 (mm)					
				D	d	S	R	θ	
CCMT060204	●	●		6.35	2.8	2.38	0.4	7	ROSS
CCMT09T308	●	●		9.525	4.4	3.97	0.8	7	
CCMT120408	●	●		12.7	5.5	4.76	0.8	7	

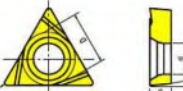
TCMT (適合EMR粗搪系統)

型號 Cat.No	P301	P301F	刀片形狀 Blade Shape	尺寸 (mm)				
				D	d	S	R	
TCMT090204	●	●		5.56	2.5	2.38	0.4	ROSS
TCMT110208	●	●		6.35	2.8	2.38	0.8	
TCMT16T312	●	●		9.525	4.4	3.97	1.2	

SCMT (適合EMR粗搪系統)

型號 Cat.No	P301	P301F	刀片形狀 Blade Shape	尺寸 (mm)				
				D	d	S	R	
SCMT09T308	●	●		9.525	4.4	3.97	0.8	ROSS
SCMT120408	●	●		12.7	5.5	4.76	0.8	

T (適合EMA/NBH2084/NBJ16等精搪系統)

型號 Cat.No	P301	P301F	刀片形狀 Blade Shape	尺寸 (mm)					
				D	d	S	R	θ	
TBGT060102L	●	●		3.97	2.3	1.59	0.2	5	ROSS
TPGT090204L	●	●		5.56	3.0	2.38	0.4	11	
TPGT110304L	●	●		6.35	3.3	3.18	0.4	11	

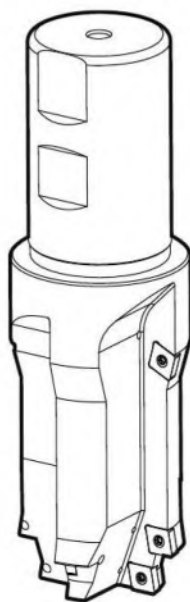
非標孔加工刀具

Nonstandard tool for boring

- 高效率：一把刀具可以在一次進給中完成多工序加工。
- 高剛性：由于是量身定制，刀具可以按加工要求設計成最高剛性結構。
- 超靈活：無論是超長超大還是特殊形狀的刀具都能為您定制。
- High efficiency: a tool can be completed in a feed multi-process machining.
- High rigidity: Because it is tailor-made, the tool can be processed to design into a rigid structure of the highest.
- Ultra-flexible: whether it is long or large special shaped tools can be customized for you.

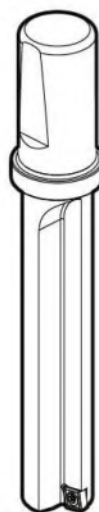
削平柄復合搪刀

Knife handle leveling compound sugar



定尺寸擴孔鑽

Fixed size reaming drill



※定制非標刀具的一般步驟：

Custom non-standard tool of the general steps:

第一步：提供工件加工圖紙，並詳細注明需要加工位置的尺寸要求及工件的材質、硬度。

step1: providing workpiece drawings, and detailed processing of specifying a location of the size requirements and the workpiece material, hardness.

第二步：指定刀具柄部的型式，可以是BT等整體式主軸柄，也可以是削平柄或斜削平柄等直柄或其它任何形式的接口。

step2: Specify the type of tool shank, which can be integral spindle handle BT, etc. may also be a leveling out or raked flat shank straight shank handle, etc. or any other form of interface.

第三步：盡可能詳細的提供下述資料以便我們為您量身定制最符合您需求的刀具。

step3: to provide the following information as detailed as possible so that we can provide you customized tool that best meets your needs.

機床類型 Machine Type _____

機床功率(KW) Machine power (KW) _____

最大轉速(RPM) Maximum Speed (RPM) _____

最大冷却液壓力 Maximum Coolant Pressure _____

鑽頭旋轉 Rotary Drill ☐

工件旋轉 Workpiece rotation ☐

垂直鑽削 Vertical Drilling ☐

水平鑽削 The level of drilling ☐

冷却方式 Cooling

內冷 Cooled ☐

外冷 External cooling ☐

機床剛性 Machine rigidity

高 High ☐

一般 common ☐

差 low ☐

◇如果您已經有設計好的非標刀具圖紙，那麼僅提供刀具圖紙我們就可以為您加工。

◇If you already have designed non-standard drawing tools, then we can only provide tools that you are drawing processing.

◇盡可能詳細的提供您需要定制刀具的相關資料，資料越詳細，定制的刀具將越合用。

◇Much detail as possible you need to customize the tool to provide relevant information, data more detailed, customized tool will be more shared.

◇如果您還有其它要求請直接與我們的工程師溝通。

◇If you have other requirements please communicate directly with our engineers.



海纳精密切削科技股份有限公司

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Hai na now!

