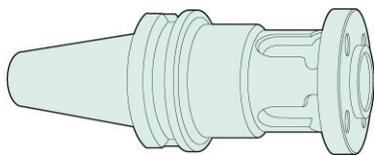
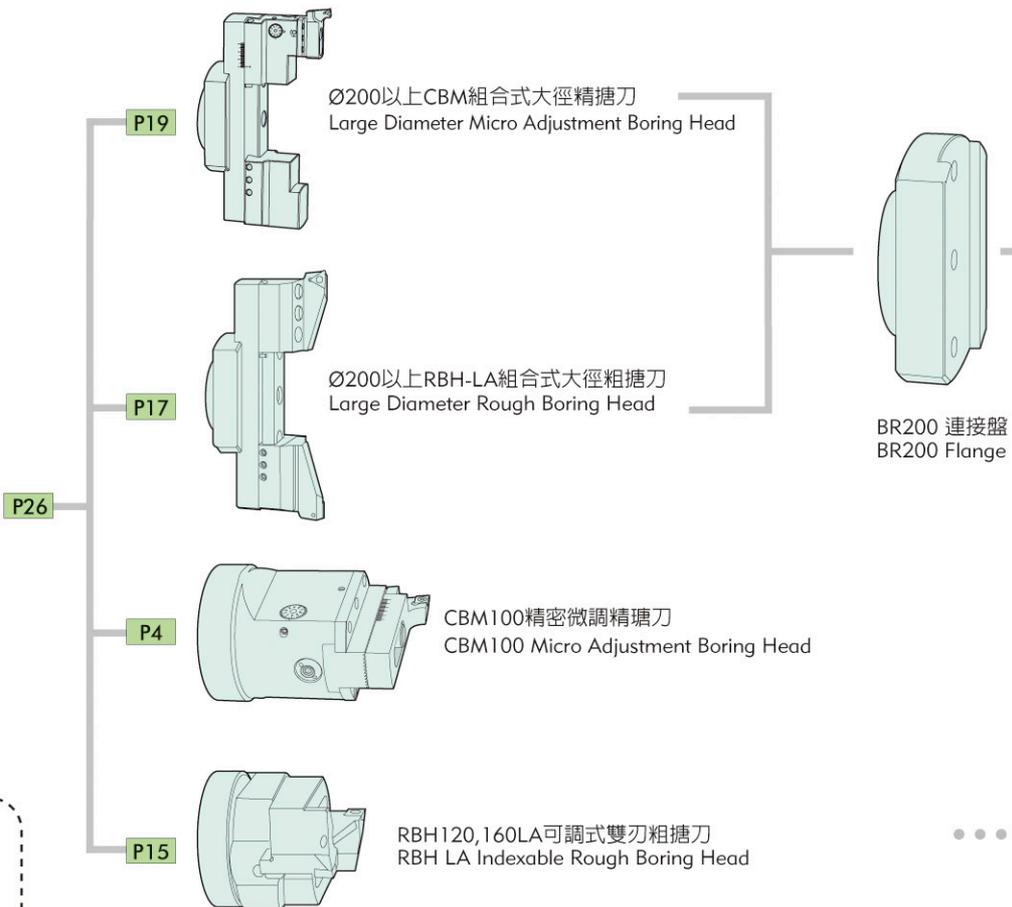


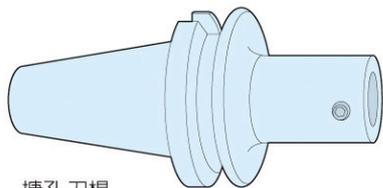
BST系列 BST Boring System



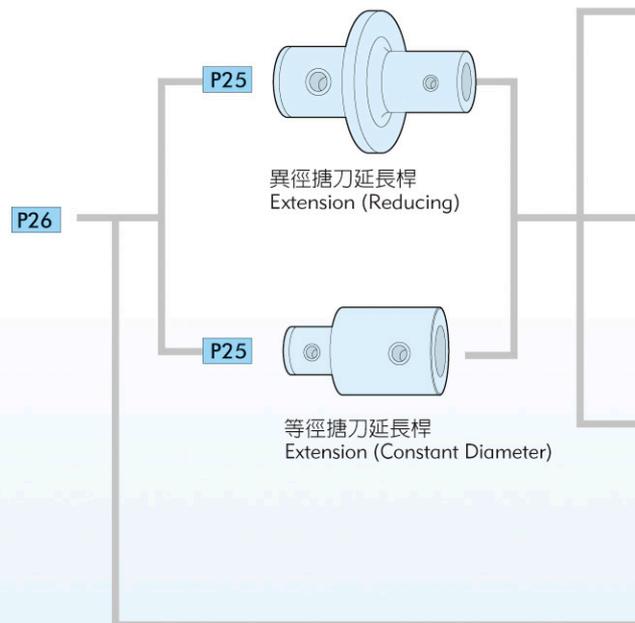
搪孔刀桿
Taper Shank



CBM系列 CBM Boring System

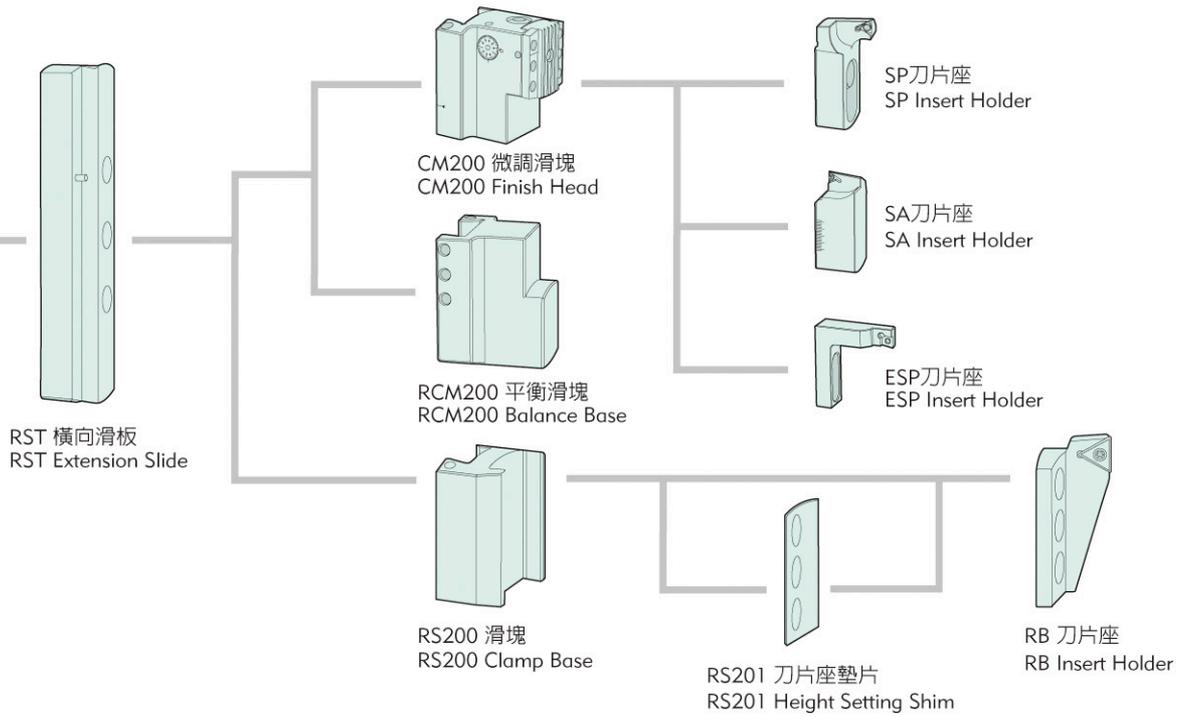


搪孔刀桿
Taper Shank

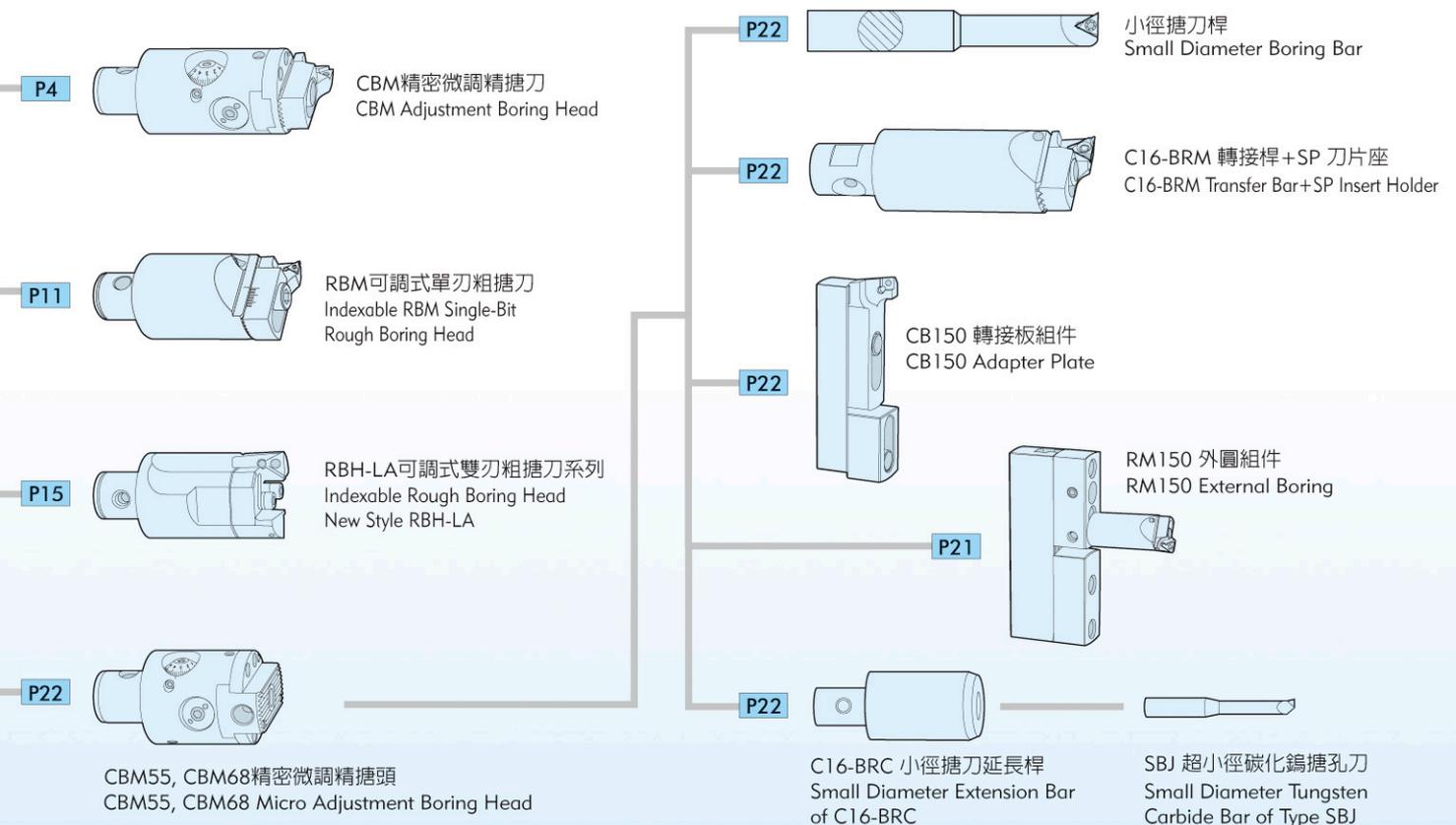


BST/CBM SERIES

PROFESSIONAL TOOLS



BORING CUTTER SYSTEM



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》

CBM Micro Adjustment Boring Head and Insert Holder 《Forward Boring Range from Ø18 - Ø204mm, Reverse Boring Range from Ø20 - Ø214mm》

特性說明

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

FEATURES

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



CBM55-SP55



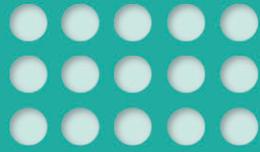
CBM55-SA55



CBM100-SP100



CBM68-CB150-RCM100-SP100



正搪搪刀 Forward Boring

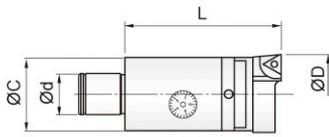


Fig.1

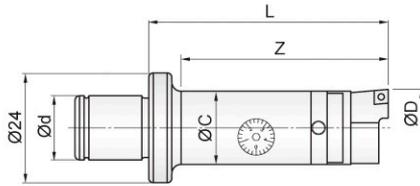


Fig.2

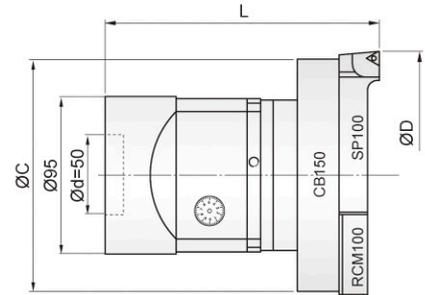


Fig.3

反搪搪刀 Reverse Boring

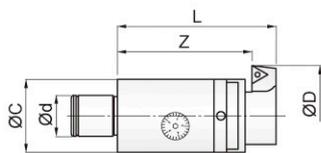
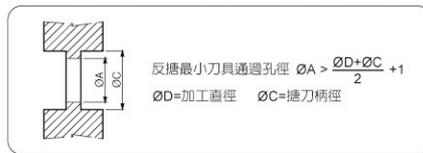


Fig.1

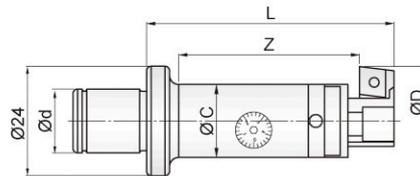


Fig.2

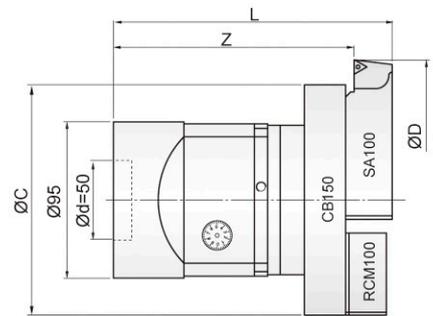


Fig.3

規格 Specifications:

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			
CBM18A	2	LBK2	16	14	SP18	18-23	60/Z50	SA18	20-25	60	40	CC06 / M2.5 / T8	0.10	
CBM18B							85/Z75			85	65		0.14	
CBM18-M10							M10			M10	55		55	45
CBM22	1	LBK1	20	11	SP22	22-29	40	SA22	24-32	40	30	CC06 / M2.5 / T8 TP09 / M2.5 / T8	0.09	
CBM27							50			50	40		0.17	
CBM35							65			65	50		0.36	
CBM45							80			80	70		0.71	
CBM55							3			LBK5	50		28	SP55
	95	SA68	78-115	95	70	1.11								
						SA100		110-164	1.22					
			140		CB150	150-204	120	RCM100	160-214	120	95	2.13		
					SP100	100-154	100	SA68	78-115	100	75	2.00		
					SA100	110-164	100	SA100	110-164	100	75	2.11		
					CB150	150-204	125	CB150	160-214	125	100	3.02		
					RCM100	150-204	125	RCM100	160-214	125	100	3.02		
					SA100	110-164	120	SA100	110-164	120	95	2.78		
					CB150	150-204	145	CB150	160-214	145	120	3.72		
					RCM100	150-204	145	RCM100	160-214	145	120	3.72		
					SP100	100-154	120	SA100	110-164	120	95	2.78		

※ 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。

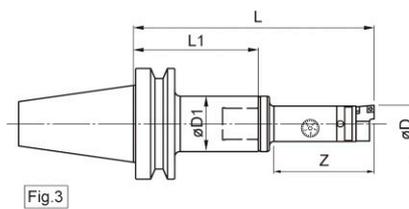
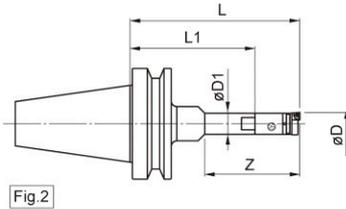
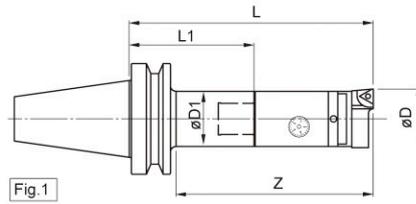
※ CB150: Adapter plate. ※ RCM100: Balance base ※ Standard parts of SP cutting insert holder for CBM boring head; option of SA reverse cutting insert holder.

※ Attached with CB200 adapter plate, working range from Ø200~Ø254mm on diameter.

※ Attached with CB250 adapter plate, working range from Ø250~Ø354mm on diameter.

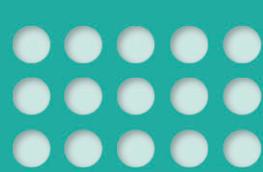
CBM精密微調正搪孔刀+LBK刀柄 (MAS 403BT)

CBM Micro Adjustment Boring Head+LBK Shank (MAS 403BT)



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	BT30-LBK2-80	3	18-23	50	140	80	24	0.70
CBM18B-SP18				75	165			0.74
CBM22-SP22	BT30-LBK1-70	1	22-29	80	110	70	19	0.59
CBM27-SP27				100	130			0.77
CBM35-SP35	BT30-LBK3-80	1	35-50	115	145	80	31	1.06
CBM45-SP45				120	150			1.51
CBM55-SP55	BT30-LBK5-60	1	55-80	115	145	60	50	1.84
CBM68-SP68				130	160			3.00
CBM18A-SP18	BT40-LBK2-85	3	18-23	50	145	85	24	1.20
CBM18B-SP18				75	170			1.24
CBM22-SP22	BT40-LBK1-75	1	22-29	80	115	75	19	1.09
				95	130			1.26
CBM27-SP27	BT40-LBK2-85	1	27-40	100	135	85	24	1.27
				115	150			1.32
CBM35-SP35	BT40-LBK3-95	1	35-50	125	160	95	31	1.56
				155	190			1.86
CBM45-SP45	BT40-LBK4-85	1	45-65	130	165	85	39	2.01
				175	210			2.61
CBM55-SP55	BT40-LBK5-75	1	55-80	125	160	75	50	2.34
				175	210			3.34
CBM55-SP68	BT40-LBK5-75	1	68-104	135	170	75	50	2.41
				185	220			3.41
CBM55-SP100	BT40-LBK5-75	1	100-154	135	170	75	50	2.52
				185	220			3.52
CBM55-CB150-RCM100-SP100	BT40-LBK5-75	1	150-204	160	195	75	50	3.43
				210	245			4.43
CBM68-SP68	BT40-LBK6-65	1	68-104	130	165	65	64	3.30
				180	215			4.70
				230	265			5.90
CBM68-SP100	BT40-LBK6-65	1	100-154	130	165	65	64	3.41
				180	215			4.81
				230	265			6.01
CBM68-CB150-RCM100-SP100	BT40-LBK6-65	1	150-204	155	190	65	64	4.32
				205	240			5.72
				255	290			6.92
CBM100-SP100	BT40-BST-70	1	100-154	155	190	70	95	5.98
CBM100-CB150-RCM100-SP100				180	215			6.92

★紅字標示為高長徑比，需用刀尖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.



規格 Specifications:

組合規格 Tools Connection		樣式 Fig	搪孔範圍 Boring Ranges ϕD (mm)	有效長 Z (mm)	總長 Length L (mm)	刀桿長 L1 (mm)	刀桿外徑 $\phi D1$ (mm)	重量 (kg) Weight
搪頭型號 Type	刀桿 LBK Shank							
CBM18A-SP18	BT50-LBK2-125	3	18-23	50	185	125	39/24	4.00
CBM18B-SP18				75	210			4.04
CBM22-SP22	BT50-LBK1-115	2	22-29	80	155	115	31/19	4.09
CBM27-SP27	BT50-LBK2-125		27-40	115	175	125	39/24	4.07
CBM35-SP35	BT50-LBK3-125	1	35-50	145	190	125	31	4.46
CBM45-SP45	BT50-LBK4-115			45-65	150	195		115
	BT50-LBK4-145		180		225	145	5.11	
CBM55-SP55	BT50-LBK5-105		55-80	145	190	105	50	5.54
	BT50-LBK5-180			220	265	180		6.54
CBM55-SP68	BT50-LBK5-105		68-104	155	200	105		5.61
	BT50-LBK5-180			230	275	180		6.61
CBM55-SP100	BT50-LBK5-105		100-154	155	200	105		5.72
	BT50-LBK5-180			230	275	180		6.72
CBM55-CB150-RCM100-SP100	BT50-LBK5-105		150-204	180	225	105		7.52
	BT50-LBK5-180			255	300	180		8.52
CBM68-SP68	BT50-LBK6-95		68-104	150	195	95		64
	BT50-LBK6-170	225		270	170	8.30		
	BT50-LBK6-230	285		330	230	9.60		
	BT50-LBK6-290	345		390	290	11.00		
	BT50-LBK6-350	2	< $\phi 90=285$ > $\phi 90=405$	450	350	90/64	15.50	
CBM68-SP100	BT50-LBK6-95	1	100-154	150	195	95	64	6.50
	BT50-LBK6-170			225	270	170		8.30
	BT50-LBK6-230			285	330	230		9.60
	BT50-LBK6-290			345	390	290		11.00
	BT50-LBK6-350	2	405	450	350	90/64	15.50	
CBM68-CB150-RCM100-SP100	BT50-LBK6-95	1	150-204	175	220	95	64	9.89
	BT50-LBK6-170			250	295	170		11.69
	BT50-LBK6-230			310	355	230		12.99
	BT50-LBK6-290			370	415	290		14.39
	BT50-LBK6-350	2	430	475	350	90/64	18.89	
CBM100-SP100	BT50-BST-100	1	100-154	175	220	100	95	7.88
	BT50-BST-150			225	270	150		9.58
	BT50-BST-200			275	320	200		12.38
	BT50-BST-250			325	370	250		14.28
	BT50-BST-300			375	420	300		17.18
	BT50-BST-350			425	470	350		19.58
	BT50-BST-400			475	520	400		22.08
CBM100-CB150-RCM100-SP100	BT50-BST-100		150-204	200	245	100		8.82
	BT50-BST-150			250	295	150		10.52
	BT50-BST-200			300	345	200		13.32
	BT50-BST-250			350	395	250		15.22
	BT50-BST-300			400	445	300		18.12
	BT50-BST-350			450	495	350		20.52
	BT50-BST-400			500	545	400		23.02