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## **Rotary Valve Instruments**



Tubas

BBb Tuba CBB 686-4 Pictured CBB 686-4MR



### V.F.Cerveny BBb Tuba CBB 686-4

Yellow brass, 4 valves, 4/4 size, bore 20.2mm, bell 450mm, height 980mm, weight 9kg, yellow brass mouthpipe, nickel-silver Trimmings, lacquer, silver-plated mouthpiece # 24AW, plastic case # 6796.

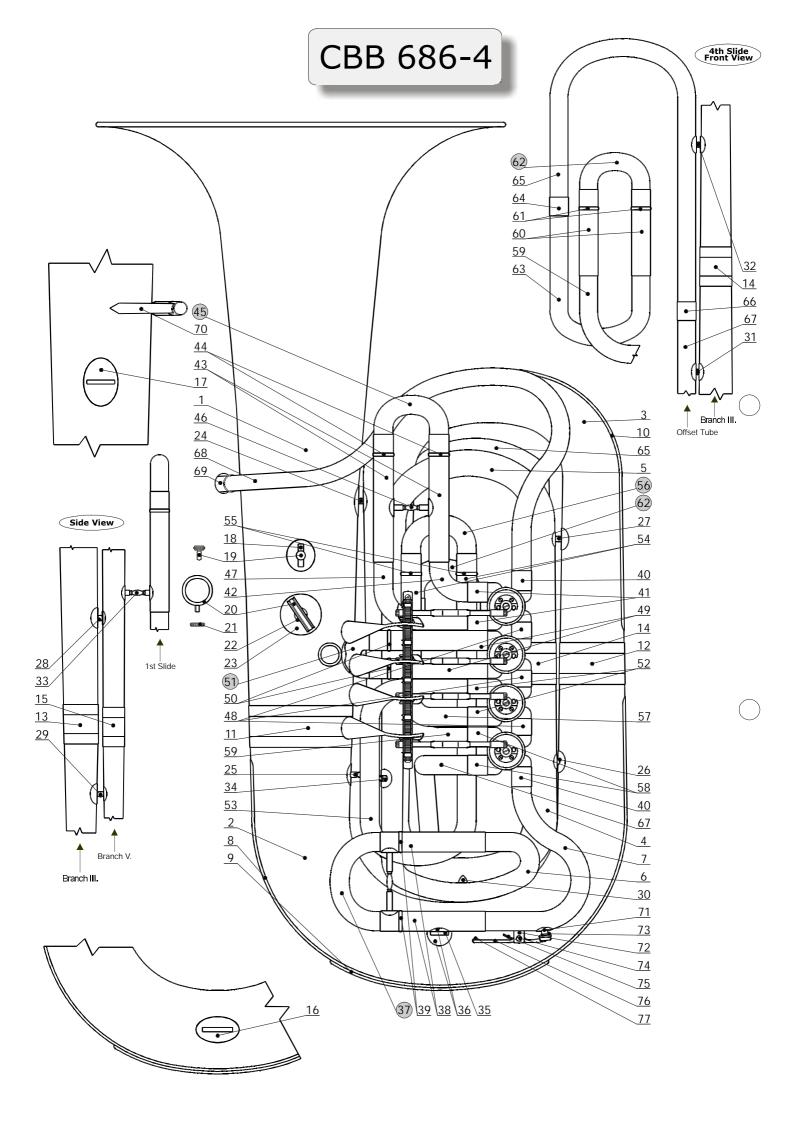
- <u>Available Options:</u> M Nickel-silver Mouthpipe P Nickel-silver Mouthpipe, Valve Casings & Hook
- R Bell Rim

X - Minibal Linkage Action.

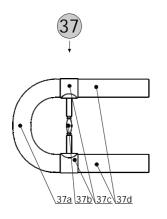
Valve Options: This Tuba available with 3, 4, 5 or 6 Rotary Valves

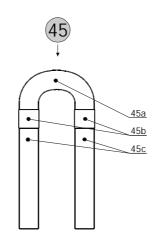
Last Update February2005

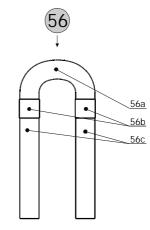
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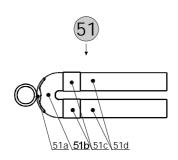


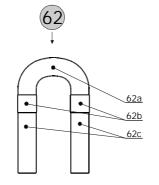
# CBB 686-4

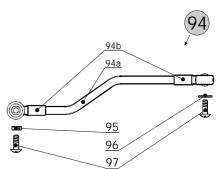


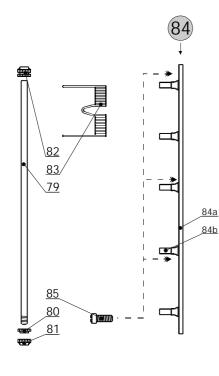


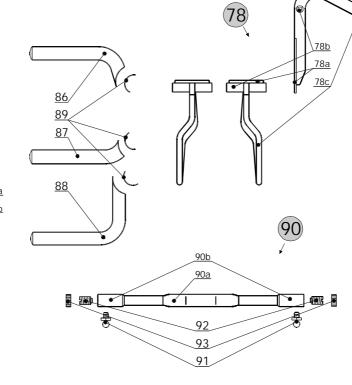


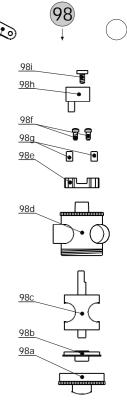












#### Parts For V.F.CERVENY BBb Tuba CBB 686-4.

		Parts For V.F.CERVENY BBb Tuba CBB	686-4.
List	# Part #	Description	Note
1	OZV 686BB L	Bell, engraved with the 'V.F.Cerveny' Logo.	For CBB 686-4 models
·	OZV 686BB RL	Bell with Rim, engraved with the 'V.F.Cerveny' Logo.	For CBB 686-4R models
2	1.DIL 681BB L	Branch I.	
2	1.DIL 681BB KL	Branch I complete with Guard, Comb and Connecting Ferrule.	
2	2.DIL 681BB L	Branch II.	
3	2.DIL 681BB KL	Branch II complete with Guard and Connecting Ferrule.	
4	3.DIL 681BB L	Branch III.	
5	4.DIL 681BB L	Branch IV.	
6	5.DIL 681BB L	Branch V.	
7	HACEK 681BB L	Branch VI (Crook).	
8	KAPNA 1.D 681BB L	Bottom Bend Guard.	
9	HREBEN VC ML	Bottom Bend Guard Comb.	
10	KAPNA 2.D 681BB L	Branch II Guard.	
11	SK 681BB/1 L	Connecting Ferrule, Bell - to - Branch I.	
12	SK 681BB/2 L	Connecting Ferrule, Branch I - to - Branch II.	
13	SK 681BB/3 L	Connecting Ferrule, Branch II - to - Branch III.	
14	SK 681BB/4 L	Connecting Ferrule, Branch III - to - Branch IV.	
15	SK 681BB/5 L	Connecting Ferrule, Branch IV - to - Branch V.	
16	H 077 L	Strap Ring with Plate, Branch I.	
	H 075H L	Strap Ring with Plate, Bell.	
17	T 039P L	Cardholder Socket.	
10	S 040	Cardholder Screw, lacquer.	
		· · · ·	
20 21	OPK 05/VC P S 654P H	Thumb Ring, lacquer. Thumb Ring Retaining Nut, lacquer.	
	S 655P L		
	P 169 L	Thumb Ring Socket.	
23		Thumb Ring Socket Plate.	Proce Longth to be encoified
24	C 004HP KL	Brace with Plates, Bell - to - Branch II.	Brace Length to be specified.
25	C 014HP KL	Brace with Plates, Branch I - to - Branch III (Bell side).	Brace Length to be specified.
26	C 003HP KL	Brace with Plates, Branch I - to - Branch III.	Brace Length to be specified.
27		Brace with Plates, Branch II - to - Branch IV.	Brace Length to be specified.
	C 004HP KL	Brace with Plates, Branch II - to - Branch IV (Bell side).	Brace Length to be specified.
29	C 004HP KL	Brace with Plates, Branch III - to - Branch V (Bell side).	Brace Length to be specified.
30	C 003HP KL	Brace with Plates, Branch III - to - Branch V (Bottom side).	Brace Length to be specified.
31	C 003HP KL	Brace with Plates, Branch III - to - 4th Slide Offset Tube, large.	Brace Length to be specified.
32	C 003HP KL	Brace with Plates, Branch IV - to - 4th Slide Crook, large.	Brace Length to be specified.
33	C 028HP KL	Brace with Plates, Branch IV - to - 1st Slide.	Brace Length to be specified.
34	C 013HP KL	Brace with Plates, Branch V - to - 3rd Slide Offset Tube.	Brace Length to be specified.
35	O 369 L	Brace without Plates, Branch I - to - Tuning Slide.	
36	P 145 A PR.27 L	Plate of Brace, Branch I - to - Tuning Slide (1 of 2pcs).	
	LS 681BB K	BBb Tuning Slide complete, lacquer.	Outer Tubing to be ordered separately.
-	OH 09 L	BBb Tuning Slide Bow.	
	C 064HP KL	BBb Tuning Slide Brace with Plates.	
	HTA 020 P12 L	BBb Tuning Slide Ferrule (1 of 2pcs).	
	THE 095 P12 L	BBb Tuning Slide Inner Tubing (1 of 2pcs).	
38	THA 095 P12 L	BBb Tuning Slide Outer Tubing (1 of 2pcs).	
39	KV 012 L	BBb Tuning Slide Outer Tubing Ring (1 of 2pcs).	
40	K 12D L	Connecting Ferrule, at the Valve Casing sides (1 of 2pcs).	
41	K 12D L	Connecting Ferrule, 1st Slide - to - 1st Valve Casing (1 of 2pcs).	
42	KO MA 1.V 681BB L	1st Slide Crook, small.	
43	THA 120 P12 L	1st Slide Outer Tubing (1 of 2pcs).	
44	KV 012 L	1st Slide Outer Tubing Ring (1 of 2pcs).	
45	SN 681BB 1K	1st Slide complete, lacquer.	Outer Tubing to be ordered separately.
45a	OBL 1.V 681BB L	1st Slide Bow.	
45b	HTA 020 P12 L	1st Slide Ferrule (1 of 2pcs).	
45c	THE 120 P12 L	1st Slide Inner Tubing (1 of 2pcs).	
46	C 037HP KL	1st Slide Brace with Plates.	
47	KO VE 1.V 681BB L	1st Slide Crook, large.	
48	K 12K L	Valve Casings Connecting Ferrule (1 of 3pcs).	
49	THA 110 P12 L	2nd Slide Outer Tubing (1 of 2pcs).	
50	KV 012 L	2nd Slide Outer Tubing Ring (1 of 2pcs).	
51	SN 681BB 2K	2nd Slide complete, lacquer.	Outer Tubing to be ordered separately.
-	H 053P L	2nd Slide Bow Pull Ring with Plate.	<u> </u>
	OBL 2.V 681BB L	2nd Slide Bow.	
	HTA 020 P12 L	2nd Slide Ferrule (1 of 2pcs).	

51d	THE 110 P12 L	2nd Slide Inner Tubing (1 of 2pcs).	
52	K 12D L	Connecting Ferrule, 3rd Slide - to - 3rd Valve Casing (1 of 2pcs).	
53	KO UC 3.V 681BB L	3rd Slide Offset Tube, large.	
54	THA 120 P12 L	3rd Slide Outer Tubing (1 of 2pcs).	
55	KV 012 L	3rd Slide Outer Tubing Ring (1 of 2pcs).	
56	SN 681BB 3K	3rd Slide complete, lacquer.	Outer Tubing to be ordered separately.
56a	OBL 1.V 681BB L	3rd Slide Bow.	
	HTA 020 P12 L	3rd Slide Ferrule (1 of 2pcs).	
	THE 120 P12 L	3rd Slide Inner Tubing (1 of 2pcs).	
57	KO VY 3.V 681BB L	3rd Slide Crook, small.	
58	K 12D L	Connecting Ferrule, 4th Slide - to - 4th Valve Casing (1 of 2pcs).	
59	KO CM 4.V 681BB L	4th Slide Offset Tube, small.	
60	THA 080 P12 L	4th Slide Outer Tubing (1 of 2pcs).	
61	KV 012 L	4th Slide Outer Tubing Ring (1 of 2pcs).	
62	SN 681BB 4K	4th Slide complete, lacquer.	Outer Tubing to be ordered separately.
62a	OBL 1.V 681BB L	4th Slide Bow.	
	HTA 020 P12 L THE 080 P12 L	4th Slide Ferrule (1 of 2pcs). 4th Slide Inner Tubing (1 of 2pcs).	
63	KO HM 4.V 681BB L	4th Slide Crook, small.	
64	K 12D L	Connecting Ferrule, Crook small - to - Crook large (1 of 2pcs).	
65	KO HV 4.V 681BB L	4th Slide Crook, large.	
66	K 12D L	Connect. Ferrule, Crook large - to - Offset Tube large (1 of 2pcs).	
67	KO CV 4.V 681BB L	4th Slide Offset Tube, large.	
<u> </u>	ESO 681BB PL	Mouthpipe Nickel-silver complete with Mouthpiece Receiver.	For CBB 686-4M models
68	ESO 681BB ML	Mouthpipe Brass complete with Mouthpiece Receiver.	For CBB 686-4 models
69	U 379P L	Mouthpiece Receiver.	
70	F 019/5 L	Bell - to - Mouthpiece Receiver Brace.	
71	PXL VC L	Waterkey Nipple with Plate.	
	P 616M L	Waterkey Saddle.	
73	KOREK VK 5*13*10.5	Waterkey Nipple Cork.	
74	S 063	Waterkey Screw, lacquer.	
75	P 312H	Waterkey Spring.	
76	VKM 008/VC N KOREK 0.5*30*40	Waterkey Lever, nickelplated. Waterkey Lever Cork.	
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	VKM 008/VC KN	Waterkey Assy (List # 73-77), nickelplated.	
	VKM 008/VC KN RA CBB HOL 1	Waterkey Assy (List # 73-77), nickelplated. Valve Finger Lever Assy (1st Valve), lacquer.	
	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2	Waterkey Assy (List # 73-77), nickelplated. Valve Finger Lever Assy (1st Valve), lacquer. Valve Finger Lever Assy (2nd Valve), lacquer.	
**	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3	Waterkey Assy (List # 73-77), nickelplated. Valve Finger Lever Assy (1st Valve), lacquer. Valve Finger Lever Assy (2nd Valve), lacquer. Valve Finger Lever Assy (3rd Valve), lacquer.	
78	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4	Waterkey Assy (List # 73-77), nickelplated. Valve Finger Lever Assy (1st Valve), lacquer. Valve Finger Lever Assy (2nd Valve), lacquer. Valve Finger Lever Assy (3rd Valve), lacquer. Valve Finger Lever Assy (4th Valve), lacquer.	
** 78 78a	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Plate.	
** 78 78a 78b	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4	Waterkey Assy (List # 73-77), nickelplated. Valve Finger Lever Assy (1st Valve), lacquer. Valve Finger Lever Assy (2nd Valve), lacquer. Valve Finger Lever Assy (3rd Valve), lacquer. Valve Finger Lever Assy (4th Valve), lacquer.	
** 78 78a	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Plate.         Valve Finger Lever Rod.	
** 78 78a 78b	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.	
** 78 78a 78b 78b 78c	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Plate.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.	
** 78 78a 78b 78c 79	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Plate.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.         3rd/4th Valve Finger Lever Linkage.         Rod Screw.         Rod Screw Retaining Nut, small.         Rod Screw Retaining Nut, large.	
** 78a 78b 78c 79 80 81 82	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw End Nut.	
** 78a 78b 78b 78c 79 80 81 82 83	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw End Nut.Lever Spring (1 of 4pcs).	
** 78 78a 78b 78c 79 80 81 82 83 84	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.	
** 78 78a 78b 78c 79 80 81 82 83 84 84 84a	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge.	
** 78 78a 78b 78c 79 80 81 82 83 84 84a 84a 84b	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).	
*** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 050P	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 050P P 701 VC L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).	
*** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 050P	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 050P P 701 VC L P 702 VC L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 2nd Slide).	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 88 89	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 703 VC L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 3rd Slide).	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87 88	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 050P P 701 VC L P 702 VC L P 703 VC L PM 010 L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 3rd Slide).Lever Bridge Support Plate (1 of 3pcs).	
** 78 78a 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87 88 89 90 90a	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 3rd Slide).Lever Bridge Support (1 of 3pcs).Lever Bridge Support (1 of 3pcs).1st/3rd Linkage complete (type Standard), lacquer.	
** 78 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90a 90b	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 703 VC L P 703 VC L P 650/1 P 650/2 P 650 L S 635 L	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Post (1 of 5pcs).Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 3rd Slide).Lever Bridge Support (on 3rd Slide).Lever Bridge Support (1 of 3pcs).1st/3rd Linkage complete (type Standard), lacquer.Linkage Rod.Linkage Bearing (1 of 2pcs).	
** 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90b 91	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/2 P 650 L S 635 L S 632 H	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 2nd Slide).Lever Bridge Support (on 3rd Slide).Lever Bridge Support Plate (1 of 3pcs).1st/3rd Linkage complete (type Standard), lacquer.Linkage Rod.Linkage Bearing (1 of 2pcs).Ball Pivot (1 of 2pcs).	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87 88 87 88 88 89 90 900 900 901 92	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 703 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L S 635 L S 632 H S 281 H	Waterkey Assy (List # 73-77), nickelplated.Valve Finger Lever Assy (1st Valve), lacquer.Valve Finger Lever Assy (2nd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (3rd Valve), lacquer.Valve Finger Lever Assy (4th Valve), lacquer.Valve Finger Lever Plate.Valve Finger Lever Rod.1st/2nd Valve Finger Lever Linkage.3rd/4th Valve Finger Lever Linkage.Rod Screw.Rod Screw Retaining Nut, small.Rod Screw Retaining Nut, large.Rod Screw End Nut.Lever Spring (1 of 4pcs).Lever Bridge Assy.Lever Bridge Post (1 of 5pcs).Lever Bridge Retaining Screw (1 of 3pcs), lacquer.Lever Bridge Support (on 1st Slide).Lever Bridge Support (on 3rd Slide).Linkage Rod.Linkage Rod.Linkage Bearing (1 of 2pcs).Ball Pivot (1 of 2pcs).Linkage Screw (1 of 2pcs). <t< th=""><th></th></t<>	
** 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90b 91	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L S 632 H S 281 H S 280 H	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Plate.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.         3rd/4th Valve Finger Lever Linkage.         Rod Screw.         Rod Screw Retaining Nut, small.         Rod Screw Retaining Nut, large.         Rod Screw End Nut.         Lever Spring (1 of 4pcs).         Lever Bridge Assy.         Lever Bridge Post (1 of 5pcs).         Lever Bridge Retaining Screw (1 of 3pcs), lacquer.         Lever Bridge Support (on 1st Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (1 of 3pcs).         1st/3rd Linkage complete (type Standard), lacquer.         2nd/4th Linkage complete (type Standard), lacquer.         Linkage Rod.         Linkage Screw (1 of 2pcs).         Linkage Screw Nut (1 of 2pcs).         Linkage Screw Nut (1 of 2pcs).	
** 78a 78b 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87 88 87 88 88 89 90 900 900 901 92	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L S 635 L S 632 H S 281 H S 280 H P 650X/1 L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.         3rd/4th Valve Finger Lever Linkage.         Rod Screw.         Rod Screw Retaining Nut, small.         Rod Screw Retaining Nut, large.         Rod Screw End Nut.         Lever Bridge Assy.         Lever Bridge Post (1 of 5pcs).         Lever Bridge Post (1 of 5pcs).         Lever Bridge Support (on 1st Slide).         Lever Bridge Support (on 2nd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support Plate (1 of 3pcs).         1st/3rd Linkage complete (type Standard), lacquer.         Linkage Rod.         Linkage Rod.         Linkage Screw Nut (1 of 2pcs).         Linkage Screw Nut (1 of 2pcs). <t< th=""><th></th></t<>	
** 78 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 900 90b 91 92 93 94	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L S 632 H S 281 H S 280 H P 650X/1 L P 650X/1 L P 650X/1 L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.         3rd/4th Valve Finger Lever Linkage.         Rod Screw.         Rod Screw Retaining Nut, small.         Rod Screw Retaining Nut, large.         Rod Screw End Nut.         Lever Spring (1 of 4pcs).         Lever Bridge Assy.         Lever Bridge Post (1 of 5pcs).         Lever Bridge Retaining Screw (1 of 3pcs), lacquer.         Lever Bridge Support (on 1st Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Retaining Complete (type Standard), lacquer.         2nd/4th Linkage complete (type Standard), lacquer.         Linkage Rod.         Linkage Bearing (1 of 2pcs).         Ball Pivot (1 of 2pcs).         Linkage Screw Nut (1 of 2pcs).	
*** 78 78a 78b 78c 79 80 81 82 83 84 84a 84a 84b 85 86 87 88 89 90 90a 90b 91 92 93 94	VKM 008/VC KN RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L PF 403/1B L PF 403/2B L OSA HOL 681BB-4 S 021P H S 022P H S 034P H PRUZ HOL VC L 195 KL L 195 L S 659 L S 659 L S 050P P 701 VC L P 702 VC L P 702 VC L P 703 VC L PM 010 L P 650/1 P 650/2 P 650 L S 635 L S 632 H S 281 H S 280 H P 650X/1 L	Waterkey Assy (List # 73-77), nickelplated.         Valve Finger Lever Assy (1st Valve), lacquer.         Valve Finger Lever Assy (2nd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (3rd Valve), lacquer.         Valve Finger Lever Assy (4th Valve), lacquer.         Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Rod.         1st/2nd Valve Finger Lever Linkage.         Rod Screw.         Rod Screw Retaining Nut, small.         Rod Screw Retaining Nut, large.         Rod Screw End Nut.         Lever Bridge Assy.         Lever Bridge Post (1 of 5pcs).         Lever Bridge Retaining Screw (1 of 3pcs), lacquer.         Lever Bridge Support (on 1st Slide).         Lever Bridge Support (on 2nd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support (on 3rd Slide).         Lever Bridge Support Plate (1 of 3pcs).         1st/3rd Linkage complete (type Standard), lacquer.         Linkage Rod.         Linkage Bearing (1 of 2pcs).         Ball Pivot (1 of 2pcs).         Linkage Screw Nut (1 of 2pcs).	

95	S 123P L	Minibal Screw Nut (Lever Side).	
96	MINIBAL DORAZ	Minibal Screw Bumper (Stop Arm Side).	
97	S 121P L	Minibal Screw (1 of 2pcs).	
**	SADA MINIBALM12/3	Set Of Linkages (type Minibal) complete for 3-Valves Tuba (List #94-97).	
**	SADA MINIBALM12/4	Set Of Linkages (type Minibal) complete for 4-Valves Tuba (List #94-97).	
**	TL HOL 681BB-4 K	Lever Assy (type Standard), lacquer (List # 78-93)	
**	TL HOL 681BB-4X K	Lever Assy (type Minibal), lacquer (List # 78-89, # 94-97)	
98	VENTIL 012 MK 1/2 L	1st/2nd Rotary Valve Assy.	
90	VENTIL 012 MK 3/4 L	3rd/4th Rotary Valve Assy.	
98a	S 698/012	Bottom Cap, lacquer.	
98b	S 699/012 H	Rotary Valve Support.	
98c	MC 012 H	Rotary Valve.	
98d	V 012 L	Rotary Valve Casing.	
<b>98</b> e	L 090	Stop Plate, lacquer.	
98f	S 669P	Stop Plate Retaining Screw (1 of 2pcs), lacquer.	
98g	SIL.DORAZ 6	Bumper (length 1cm).	SIL.DORAZ 6M = Bumper (length 1m).
98h	T 102	Stop Arm, lacquer.	
98i	S 434	Stop Arm Retaining Screw, lacquer.	
**	MENIC 012 ML	Rotary Valve with Casing, lapped (List # 98b-98d).	

### Important:

1/ All metal parts polished and unlacquer, unless otherwise specified. Please specify desired finish, when ordering.

2/ Please indicate the Instrument's Model Number, when ordering.