

## **Rotary Valve Instruments**





BBb Tuba CBB 686-4P

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

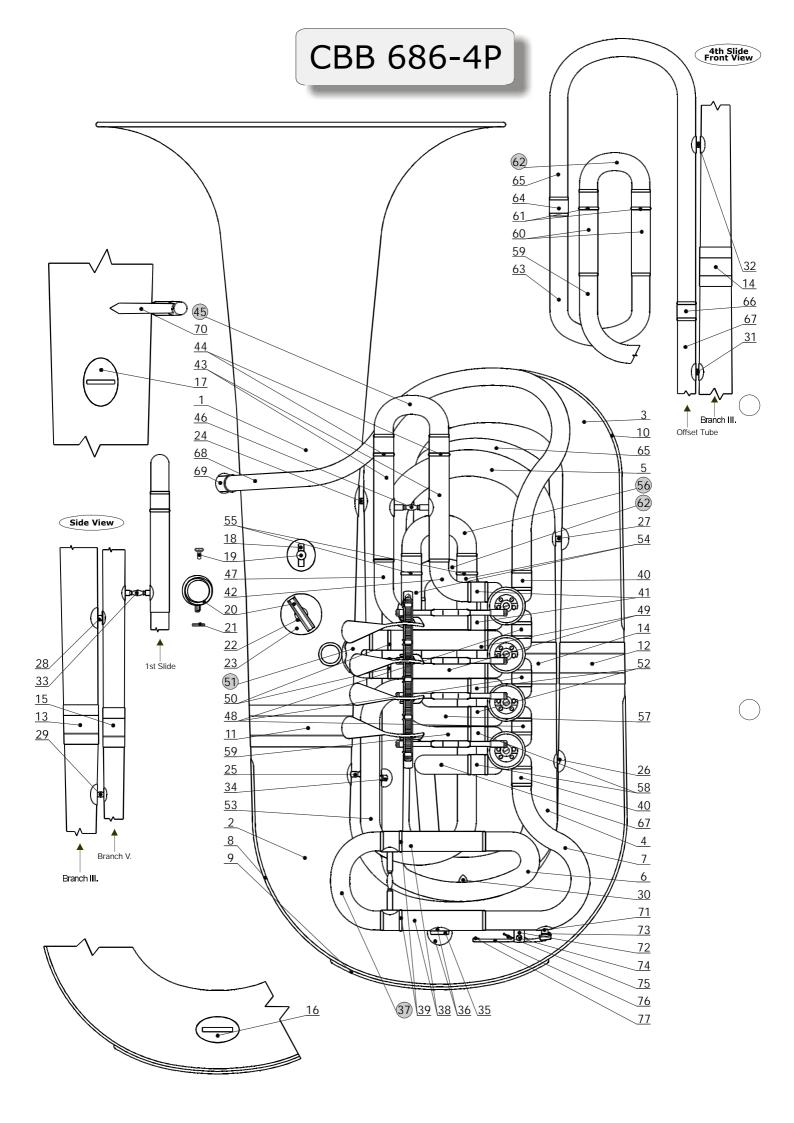
Yellow brass, 4 valves, 4/4 size, bore 20.2mm, bell 450mm, height 980mm, weight 9kg, nickel-silver Mouthpipe, Valve Casings, Hook and Trimmings, lacquer, silver-plated mouthpiece # 24AW, plastic case # 6796.

<u>Available Options:</u> R - Bell Rim X - Minibal Linkage Action.

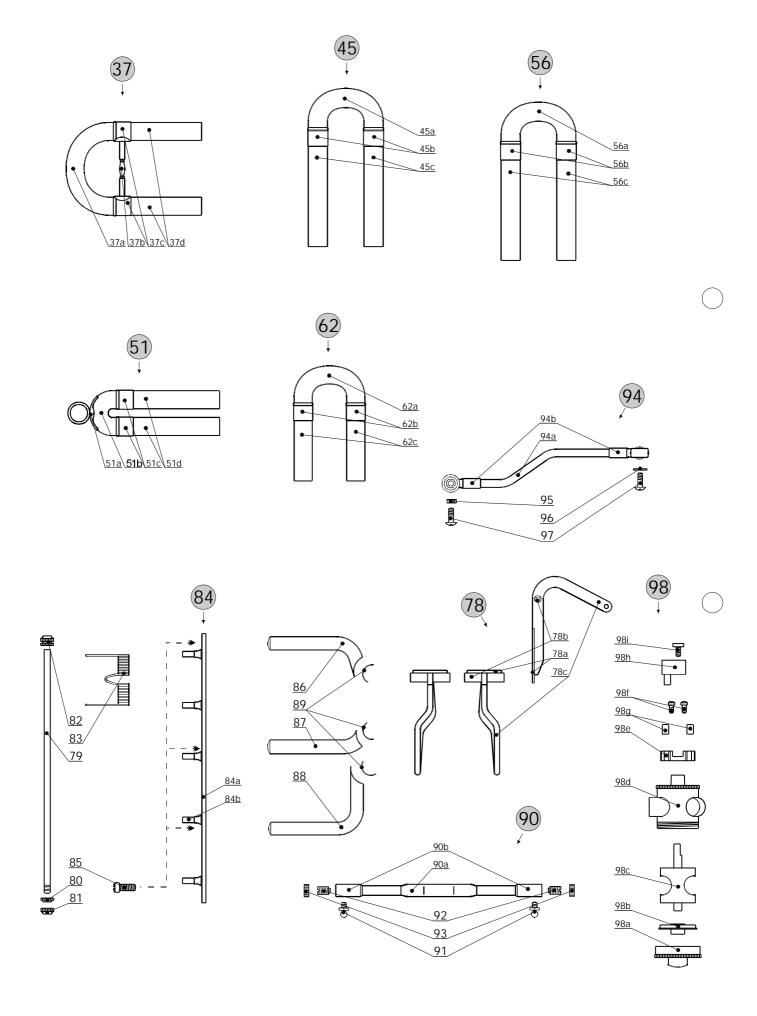
This Tuba available with 3, 4, 5 or 6 Rotary Valves

Last Update February2005

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# CBB 686-4P



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

		Parts For V.F.CERVENT BBD Tuba CBB (	000-4F.
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
	1.DIL 681BB L	Branch I.	
2	1.DIL 681BB KPL	Branch I complete with Guard, Comb and Connecting Ferrule.	
	2.DIL 681BB L	Branch II.	
3	2.DIL 681BB KPL	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 PL	Branch VI (Crook).	
8	KAPNA 1.D 681BB L	Bottom Bend Guard.	
9	HREBEN VC PL	Bottom Bend Guard Comb.	
10	KAPNA 2.D 681BB L	Branch II Guard.	
11	SK 681BB/1 Z2 L	Connecting Ferrule, Bell - to - Branch I.	
12	SK 681BB/2 Z2 L	Connecting Ferrule, Branch I - to - Branch II.	
13	SK 681BB/3 Z2 L	Connecting Ferrule, Branch II - to - Branch III.	
14	SK 681BB/4 Z2 L	Connecting Ferrule, Branch III - to - Branch IV.	
15	SK 681BB/5 Z2 L	Connecting Ferrule, Branch IV - to - Branch V.	
16	H 077HX L	Strap Ring with Plate, Branch I.	
17	H 075HX L	Strap Ring with Plate, Bell.	
18	T 039P L	Cardholder Socket.	
19	S 040P	Cardholder Screw, lacquer.	
20	OPK 05/VC P	Thumb Ring, lacquer.	
21	S 654P H	Thumb Ring Retaining Nut, lacquer.	
22	S 655P L	Thumb Ring Socket.	
	P 169 L		
23		Thumb Ring Socket Plate.	
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	C 003HP KL	Brace with Plates, Branch II - to - Branch IV.	Brace Length to be specified.
28	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.
	C 003HP KL	Brace with Plates, Branch III - to - 4th Slide Offset Tube, large.	Brace Length to be specified.
	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			<u> </u>
	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).	
37	LS 681BB PK	BBb Tuning Slide complete, lacquer.	Outer Tubing to be ordered separately.
37a	OH 09 L	BBb Tuning Slide Bow.	
37b	C 064HP KL	BBb Tuning Slide Brace with Plates.	
37c	HTA 020 P12 Z2 L	BBb Tuning Slide Ferrule (1 of 2pcs).	
37d	THE 095 P12 L	BBb Tuning Slide Inner Tubing (1 of 2pcs).	
38	THA 095 P12 Z2 L	BBb Tuning Slide Outer Tubing (1 of 2pcs).	
39	KV 012 L	BBb Tuning Slide Outer Tubing Ring (1 of 2pcs).	
37			
40	K 12D Z2 L	Connecting Ferrule, at the Valve Casing sides (1 of 2pcs).	
41	K 12D Z2 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 Z2 L	1st Slide Outer Tubing (1 of 2pcs).	
44	KV 012 L	1st Slide Outer Tubing Ring (1 of 2pcs).	
45	SN 681BB 1PK	1st Slide complete, lacquer.	Outer Tubing to be ordered separately.
			Cater rubing to be ordered separatery.
	OBL 1.V 681BB L	1st Slide Bow.	
	HTA 020 P12 Z2 L	1st Slide Ferrule (1 of 2pcs).	
	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 Z2 L	Valve Casings Connecting Ferrule (1 of 3pcs).	
49	THA 110 P12 Z2 L	2nd Slide Outer Tubing (1 of 2pcs).	
50	KV 012 L	2nd Slide Outer Tubing Ring (1 of 2pcs).	
51	SN 681BB 2PK	2nd Slide complete, lacquer.	Outer Tubing to be ordered separately.
			outer rubing to be ordered separately.
	H 053P L	2nd Slide Bow Pull Ring with Plate.	
	OBL 2.V 681BB L	2nd Slide Bow.	
51c	HTA 020 P12 Z2 L	2nd Slide Ferrule (1 of 2pcs).	

	TUE 110 D10 I	2nd Clida Imman Turkinan (4 af 2maa)	
	THE 110 P12 L	2nd Slide Inner Tubing (1 of 2pcs).	
52	K 12D Z2 L	Connecting Ferrule, 3rd Slide - to - 3rd Valve Casing (1 of 2pcs).	
53	KO UC 3.V 681BB L	3rd Slide Orfset Tube, large.	
54	THA 120 P12 Z2 L	3rd Slide Outer Tubing (1 of 2pcs).	
55	KV 012 L	3rd Slide Outer Tubing Ring (1 of 2pcs).	Out of Table and the control of the
56	SN 681BB 3PK	3rd Slide complete, lacquer.	Outer Tubing to be ordered separately.
	OBL 1.V 681BB L	3rd Slide Bow.	
	HTA 020 P12 Z2 L	3rd Slide Ferrule (1 of 2pcs).	
56c	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 Z2 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 Z2 L	4th Slide Outer Tubing (1 of 2pcs).	
61	KV 012 L	4th Slide Outer Tubing Ring (1 of 2pcs).	
62	SN 681BB 4PK	4th Slide complete, lacquer.	Outer Tubing to be ordered separately.
	OBL 1.V 681BB L	4th Slide Bow.	cutof fubling to be endered separately.
	HTA 020 P12 Z2 L	4th Slide Ferrule (1 of 2pcs).	
	THE 080 P12 L	4th Slide Inner Tubing (1 of 2pcs).	
63	KO HM 4.V 681BB L	4th Slide Crook, small.	
64	K 12D Z2 L	Connecting Ferrule, Crook small - to - Crook large (1 of 2pcs).	
65	KO HV 4.V 681BB L	4th Slide Crook, large.	
	K 12D Z2 L		
66		Connect. Ferrule, Crook large - to - Offset Tube large (1 of 2pcs).	
67	KO CV 4.V 681BB L	4th Slide Offset Tube, large.	
68	ESO 681BB P Z2 L	Mouthpipe Nickel-silver complete with Mouthpiece Receiver.	
69	U 379P Z2 L	Mouthpiece Receiver.	
	F 019/5 L	Bell - to - Mouthpiece Receiver Brace.	
71	PXL VC L	Waterkey Nipple with Plate.	
	P 616P L	Waterkey Saddle.	
73	KOREK VK 5*13*10.5	Waterkey Nipple Cork.	
74		Waterkey Screw, lacquer.	
75	P 312H	Waterkey Spring.	
76	VKM 008/VC N	Waterkey Lever, nickelplated.	
77	KOREK 0.5*30*40	Waterkey Lever Cork.	
**		Matarkay Accy (List # 72 77) piakalplated	
	VKM 008/VC KPN	Waterkey Assy (List # 73-77), nickelplated.	
	RA CBB HOL 1	Valve Finger Lever Assy (1st Valve), lacquer.	
78	RA CBB HOL 1	Valve Finger Lever Assy (1st Valve), lacquer. Valve Finger Lever Assy (2nd Valve), lacquer.	
	RA CBB HOL 1 RA CBB HOL 2	Valve Finger Lever Assy (1st Valve), lacquer.	
78	RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3	Valve Finger Lever Assy (1st Valve), lacquer.  Valve Finger Lever Assy (2nd Valve), lacquer.  Valve Finger Lever Assy (3rd Valve), lacquer.	
78 78a	RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4	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 78b	RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L	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	RA CBB HOL 1 RA CBB HOL 2 RA CBB HOL 3 RA CBB HOL 4 P 157 L TX7*36 L	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.	
78 78a 78b	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	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	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	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.	
78 78a 78b 78c 79	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	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.	
78 78a 78b 78c 79	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	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.	
78a 78b 78c 79 80 81	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	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 Retaining Nut, large.	
78a 78b 78c 79 80 81 82	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	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 Retaining Nut, large.  Rod Screw End Nut.  Lever Spring (1 of 4pcs).	
78a 78b 78c 79 80 81 82 83	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	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 Retaining Nut, large.  Rod Screw End Nut.  Lever Spring (1 of 4pcs).  Lever Bridge Assy.	
78a 78b 78c 79 80 81 82 83 84	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	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 Retaining Nut, large.  Rod Screw End Nut.  Lever Spring (1 of 4pcs).  Lever Bridge.	
78a 78b 78c 79 80 81 82 83 84 84a	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	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 Retaining Nut, large.  Rod Screw End Nut.  Lever Spring (1 of 4pcs).  Lever Bridge Assy.  Lever Bridge Post (1 of 5pcs).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85	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	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 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.	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86	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 701P VC L	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 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 78c 79 80 81 82 83 84 84a 84b 85 86	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 701P VC L P 702P VC L	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 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).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87	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 701P VC L P 702P VC L	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 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).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86	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 701P VC L P 702P VC L P 703P VC L PM 010 L	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 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 (1 of 3pcs).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1	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 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 Plate (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2	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 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 Plate (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.  2nd/4th Linkage complete (type Standard), lacquer.	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L	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 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 (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.  2nd/4th Linkage Rod.	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90a 90b	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 635 L	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 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 Plate (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.  2nd/4th Linkage Rod.  Linkage Rod.  Linkage Bearing (1 of 2pcs).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90a 90b 91	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 635 L S 632 H	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 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 Plate (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.  2nd/4th 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 90a 90b 91 92	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 635 L S 632 H S 281 H	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 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.  2nd/4th Linkage complete (type Standard), lacquer.  Linkage Rod.  Linkage Screw (1 of 2pcs).  Linkage Screw (1 of 2pcs).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90a 90b 91	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 632 H S 281 H S 280 H	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 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.  2nd/4th Linkage complete (type Standard), lacquer.  Linkage Rod.  Linkage Bearing (1 of 2pcs).  Linkage Screw (1 of 2pcs).  Linkage Screw (1 of 2pcs).	
78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 88 89 90 90a 90b 91 92	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 632 H S 281 H S 280 H P 650X/1 L	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 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 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).  1st/3rd Linkage complete (type Minibal).	
78a 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 90 90a 90b 91 92 93 94	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 632 H S 281 H S 280 H P 650X/1 L P 650X/1 L	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 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 2nd 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).  1st/3rd Linkage complete (type Minibal).  2nd/4th Linkage complete (type Minibal).	
788 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 90 90a 90b 91 92 93 94	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 701P VC L P 702P VC L P 702P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 635 L S 632 H S 281 H S 280 H P 650X/1 L P 650X/2 L P 650X/2 L	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 Retaining Nut, large.  Rod Screw End Nut.  Lever Spring (1 of 4pcs).  Lever Bridge Assy.  Lever Bridge Post (1 of 5pcs).  Lever Bridge Support (on 1st Slide).  Lever Bridge Support (on 1st Slide).  Lever Bridge Support (on 3rd Slide).  Lever Bridge Support Plate (1 of 3pcs).  1st/3rd Linkage complete (type Standard), lacquer.  Linkage Rod.  Linkage Screw (1 of 2pcs).  Linkage Screw (1 of 2pcs).  Linkage Screw Nut (1 of 2pcs).  1st/3rd Linkage complete (type Minibal).  2nd/4th Linkage complete (type Minibal).  2nd/4th Linkage complete (type Minibal).	
78a 78a 78b 78c 79 80 81 82 83 84 84a 84b 85 86 87 90 90a 90b 91 92 93 94	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 701P VC L P 702P VC L P 703P VC L PM 010 L P 650P/1 P 650P/2 P 650P L S 632 H S 281 H S 280 H P 650X/1 L P 650X/1 L	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 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 2nd 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).  1st/3rd Linkage complete (type Minibal).  2nd/4th Linkage complete (type Minibal).	

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 PK	Lever Assy (type Standard), lacquer (List # 78-93)			
**	TL HOL 681BB-4X PK	Lever Assy (type Minibal), lacquer (List # 78-89, # 94-97)			
- 00	VENTIL 012 PK 1/2 L	1st/2nd Rotary Valve Assy.			
98	VENTIL 012 PK 3/4 L	3rd/4th Rotary Valve Assy.			
98a	S 698/012P	Bottom Cap, lacquer.			
98b	S 699/012 H	Rotary Valve Support.			
98c	MC 012 H	Rotary Valve.			
98d	V 012P L	Rotary Valve Casing.			
98e	L 090P	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 102P	Stop Arm, lacquer.			
98i	S 434P	Stop Arm Retaining Screw, lacquer.			
**	MENIC 012 PL	Rotary Valve with Casing, lapped (List # 98b-98d).			
Important.					

### Important:

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

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