

replaces Binks



IMPROVEMENT™ line for BINKS® Spray Guns

HVLP

AIR CAPS

replaces Binks air cap #	C.A.T. air cap #	approx. CFM	approx. pattern width	compatible fluid nozzles
90P	21-1090	6	10	All HVLP fluid nozzles are compatible with HVLP air caps. Actual fluid nozzle air cap combinations will be determined by application.
91P	21-1091	8	11	
92P	21-1092	8	11	
93P	21-1093	10	12	
94P	21-1094	13	15	
95P	21-1095	20	12	
95PT*	21-1095T	20	12	
97P	21-1097	20	13	
95AP	21-1195	20	13	
97AP	21-1197	20	14	
54-3531 Ret Ring	21-1001			

*Teflon Coated

FLUID NOZZLES

COMPATIBLE FLUID NEEDLES

replaces Binks fluid nozzle #	C.A.T. standard fluid nozzle	C.A.T. replaceable tip fluid nozzle	replacement tip only	orifice diameter	Mach 1		M1-G, SL, FL		Mach 1A (Auto)	
					Binks	C.A.T.	Binks	C.A.T.	Binks	C.A.T.
89	31-1105	31-1205	31-0205	0.5 mm (.020")	54-3940 (Nylon Tip)	41-1102N	54-4381 (Nylon Tip)	41-1202N	47-472 (Nylon Tip)	41-1000N
90	31-1108	31-1208	31-0208	0.8 mm (.022")						
91	31-1110	31-1210	31-0210	1.0mm (.040")	54-3941	41-1101	54-4382	41-1201	47-478 (ABSS)	41-1000
92	31-1112	31-1212	31-0212	1.2 mm (.046")						
93	31-1113	31-1213	31-0213	1.3 mm (.052")						
94	31-1114	31-1214	31-0214	1.4 mm (.055")						
95	31-1115	31-1215	31-0215	1.5 mm (.059")						
96	31-1116	31-1216	31-0216	1.6 mm (.063")						
97	31-1117	31-1217	31-0217	1.7mm (.070")						

FEATHERING FLUID NOZZLES

COMPATIBLE FLUID NEEDLES

replaces Binks fluid nozzle #	C.A.T. standard fluid nozzle	C.A.T. replaceable tip fluid nozzle	replacement tip only	orifice diameter	Mach 1		M1-G, SL, FL	
					Binks	C.A.T.	Binks	C.A.T.
92F	31-1312	31-1412	31-0412	1.2 mm (.046")	54-4024	41-1112	54-4389	41-1212
94F	31-1314	31-1414	31-0414	1.4 mm (.055")	54-4026	41-1114	54-4390	41-1214
97F	31-1317	31-1417	31-0417	1.7 mm (.070")	54-4029	41-1117	54-4391	41-1217

IMPROVEMENT™ line Repair Kits for BINKS Spray Guns

REPAIR KITS

COMPLETE GUN REBUILD

NEEDLE PACKING

AIR VALVE

BINKS GUN MODEL	replaces Binks repair kit #	C.A.T. part #	replaces Binks repair kit #	C.A.T. part #	replaces Binks repair kit #	C.A.T. part #
Mach 1	54-3605	11-1104	54-4261	11-1100	n/a	11-1103
95 gun	54-3577		54-4225		54-4226	
Mach 1 SL & FL	54-4278	11-1105	54-4370	61-1026	n/a	
M1-G	54-4367		54-4370		54-4226	
95G guns	54-3589		54-4370		n/a	
Mach 1A, 95A	54-3980	11-1106	54-4261	11-1100	n/a	
2001 gun	6-229	11-1107	6-231	11-1102	n/a	

IMPROVEMENT™ line for BINKS® Spray Guns

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AIR CAPS

replaces Binks air cap #	C.A.T. air cap #	approx. CFM @ 50psi	approx pattern width at 8"	compatible fluid nozzles*
63P	21-2163	8	8	31-2106 thru 31-2113, 31-2206 thru 31-2213
63PB	21-2263	14	14	
63PE	21-2263-E	15	13	
63PH-1-20	21-2363	13.6	14	
66S	21-2166	5	9	31-2106 thru 31-2117, 31-2206 thru 31-2217
66SD	21-2266	12	10	
66SD-3	21-2266-3	16.2	15	
66SH	21-2366	12	12	
66SK	21-2466	15	13	
67PB	21-2167	14.5	12	
67PD	21-2267	15	15	
68PB	21-2168	14	12	
200	21-200*	5.2	12	*Requires 21-1584 Ring and 21-1583 Base (order separately)
262	21-2262*	11	6	Requires 21-205 Retaining Ring
R3	21-223	3@30psi	10	



IMPROVEMENT™ line for BINKS® Spray Guns

CONVENTIONAL

FLUID NOZZLES					COMPATIBLE FLUID NEEDLES							
replaces Binks fluid nozzle #	C.A.T. standard fluid nozzle	C.A.T. replaceable tip fluid nozzle	replacement tip only***	orifice diameter	2001®		95		18		95A (Auto)	
					Binks	C.A.T.	Binks	C.A.T.	Binks	C.A.T.	Binks	C.A.T.
62 SS	31-2106	31-2206	31-0606	0.6 mm (.022")	563	41-2507	663	41-2607	63	41-2707	763	41-0607
63 SS	31-2107	31-2207	31-0607	0.7 mm (.028")								
63A SS	31-2110	31-2210	31-0610	1.0 mm (.040")	563A	41-2510	663A	41-2610	63A	41-2710	763A	41-0610
63B SS	31-2112	31-2212	31-0612	1.2 mm (.046")								
63C SS	31-2113	31-2213	31-0613	1.3 mm (.052")	565	41-2515	665	41-2615	65	41-2715	765	41-0615
65 SS	31-2115	31-2215	31-0615	1.5 mm (.059")								
66 SS	31-2118	31-2218	31-0618	1.8 mm (.070")	567	41-2522	667	41-2622	67	41-2722	767	41-0622
67 SS	31-2122*	31-2222	31-0622	2.2 mm (.086")								
68 SS	31-2128*	31-2228	31-0628	2.8 mm (.110")	568	41-2528	668	41-2628	68	41-2728	768	41-0628
63CVT	NA	31-6613**	31-5613**	1.3 mm (.052")	563VT	41-6513**	663VT	41-6613**	63CVT	41-6713	763VT	41-5613**
67VT	NA	31-6622**	31-5622**	2.2 mm (.086")	567VT	41-6522**	667VT	41-6622**	67VT	41-6722	767VT	41-5622**
68VT	NA	31-6628**	31-5628**	2.8 mm (.110")	568VT	41-6528**	668VT	41-6628**	68VT	41-6728	768VT	41-5628**
57SS	31-2157	N/A	N/A	5.54mm (.218")	41-2900 Replaces Binks 54-1209 NDL							
59CSS	31-2171	N/A	N/A	7.14mm (.281")	41-2471 Replaces Binks 259 NDL							

*actual fluid nozzle and air cap combinations are determined by application. ** for abrasive materials
 *** Replacement tip installation socket 3/8 x 1/4 drive P/N 98-0104
 *For Zinc Order 31-2122Z or 31-2128Z

replaces Devilbiss

IMPROVEMENT™ line for DEVILBISS® Spray Guns

HVLP

AIR CAPS				
replaces DeVilbiss air cap #	C.A.T. air cap #	approx. CFM	approx. pattern width	compatible fluid nozzles*
28 HVLP	22-1028	18	11	32-2111 thru 32-2118, 32-2318, 32-2211 thru 32-2218, 32-2418
33 HVLP	22-1033	18	9	
46MP HVLP	22-1046	22	11	32-1111 thru 32-1118, 32-1211 thru 32-1218
83MP HVLP	22-1083	22	13	32-1118, 32-1122, 32-1218, 32-1222
57 GTI HVLP	22-1057	10	12	32-2111 thru 32-2118, 32-2318, 32-2211 thru 32-2218, 32-2418
100 GTI HVLP	22-1100	20	12	
MCB 368 Ret Ring	22-1001			

FLUID NOZZLES					COMPATIBLE FLUID NEEDLES			
replaces DeVilbiss fluid nozzle	C.A.T. standard fluid nozzle	C.A.T. replaceable tip fluid nozzle	replacement orifice only	orifice diameter	JGHV		AGXV	
					Devilbiss	C.A.T.	Devilbiss	C.A.T.
AV-2120-FX	32-1111	32-1211	32-0211	1.1mm (.042")	JGA-421-FX	42-1311	AGX 440 FX	42-1511
AV-2120-FF	32-1114	32-1214	32-0214	1.4mm (.055")	JGA-421-FF	42-1314	AGX 440 FF	42-1514
AV-2120-E	32-1118	32-1218	32-0218	1.8mm (.070")	JGA-421-E	42-1318		
AV-2120-D	32-1122	32-1222	32-0222	2.2mm (.086")	JGA-421-DEX	42-1322		

AIR CAPS				
replaces DeVilbiss air cap #	C.A.T. air cap #	approx. CFM	approx. pattern width	compatible fluid nozzles*
30	22-2030	12	9	32-2111 thru 32-2118, 32-2318, 32-2211 thru 32-2218, 32-2418
58	22-2058	6	9	
62HD*	22-2062	19	8	
64HD	22-2064	22	14	
80	22-2080	14	13	
704	22-2704	21	11	
765	22-2765	22	15	
777	22-2777	23	13	
797	22-2797	21	17	
880	22-2880	15	12	
9000	22-2900	12	10	32-2122; 32-2222
MBC 368 Ret Ring	22-1001			32-2111 thru 32-2118, 32-2318, 32-2211 thru 32-2218, 32-2418

* Available With Teflon Coating 22-2062T - 22-2064T

FLUID NOZZLES					COMPATIBLE FLUID NEEDLES			
replaces DeVilbiss fluid nozzle #	C.A.T. standard fluid nozzle	C.A.T. replaceable tip fluid nozzle	replacement orifice only	orifice diameter	JGA		AGX & MBC	
					Devilbiss	C.A.T.	Devilbiss	C.A.T.
AV-650-FX	32-2111	32-2211	32-0611	1.1mm (.042")	JGA-421-FX	42-1311	AGX 440 FX	42-1511
AV-650-FF	32-2114	32-2214	32-0614	1.4mm (.055")	JGA-421-FF	42-1314	AGX 440FF	42-1514
AV-650-E	32-2118(Z)*	32-2218	32-0618	1.8mm (.070")	JGA-421-E	42-1318	MBC 444E	42-1418
AV-650-EX	32-2318	32-2418	32-0818	1.8mm (.070")	JGA-421-DEX	42-1322	MBC496 DEX	42-1422
AV-650-D	32-2122(Z)*	32-2222	32-0622	2.2mm (.086")				
AV-650-C	32-2128(Z)*	N/A	N/A	2.8mm (.110")	JGA-421-C	42-1328	MBC496-C	42-1428

* For Zinc, Uses Delrin Tip Specify (Z)

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