

N51 Series (quick-change type)

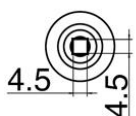
Nozzle Set



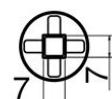
N51-50 Nozzle Set

Contains N51-01, N51-03, N51-04, and N51-05.

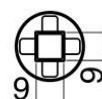
BGA



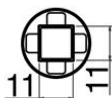
N51-10 BGA
Size 4×4



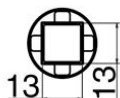
N51-11 BGA
Size 6×6



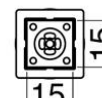
N51-12 BGA
Size 8×8



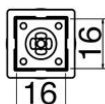
N51-13 BGA
Size 10×10



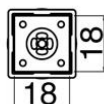
N51-14 BGA
Size 12×12



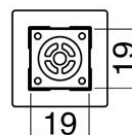
N51-15 BGA
Size 14×14



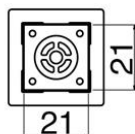
N51-16 BGA
Size 15×15



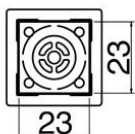
N51-17 BGA
Size 17×17



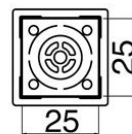
N51-18 BGA
Size 18×18



N51-19 BGA
Size 20×20



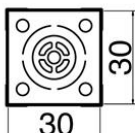
N51-20 BGA
Size 22×22



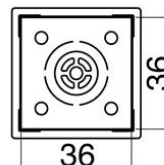
N51-21 BGA
Size 24×24



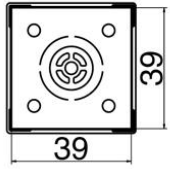
N51-22 BGA
Size 27×27



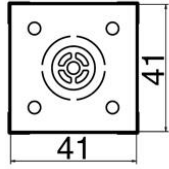
N51-23 BGA
Size 29×29



N51-24 BGA
Size 35×35

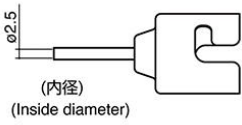


N51-25 BGA
Size 38x38

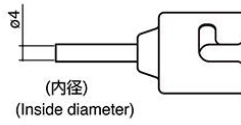


N51-26 BGA
Size 40x40

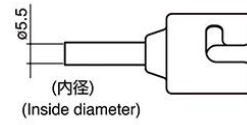
Single



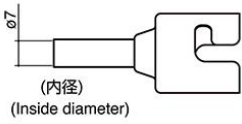
N51-01 Single
Vacuum function inoperative nozzle



N51-02 Single
Standard nozzle for FR-810/FR-810B

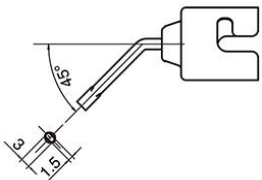


N51-03 Single



N51-04 Single

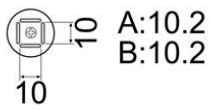
Bent Single



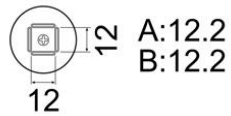
N51-05 Bent Single
Vacuum function inoperative nozzle

Hot Air Series (conventional type)

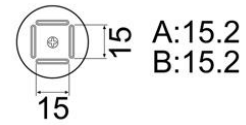
QFP



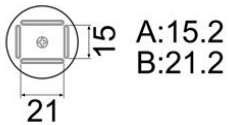
A1125B QFP
Size 10 x 10



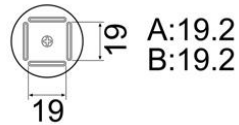
A1262B QFP
Size 12 x 12



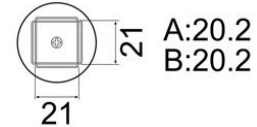
A1126B QFP
Size 14 x 14



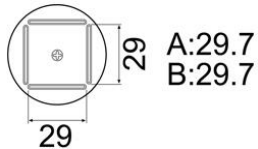
A1128B QFP
Size 14 x 20



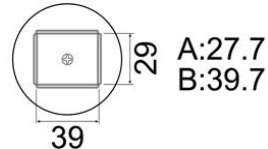
A1127B QFP
Size 17.5 x 17.5



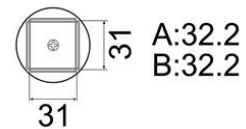
A1261B QFP
Size 20 x 20



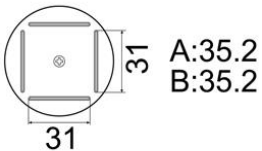
A1129B QFP
Size 28 x 28



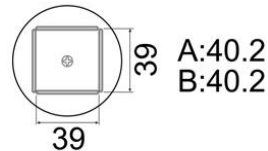
A1263B QFP
Size 28 x 40



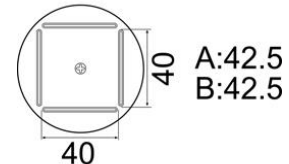
A1265B QFP
Size 32 x 32



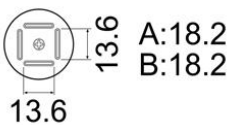
A1203B QFP
Size 35 x 35



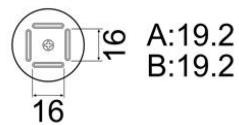
A1264B QFP
Size 40 x 40



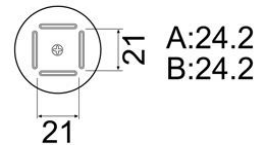
A1215B QFP
Size 42.5 x 42.5



A1180B BQFP
Size 17 x 17

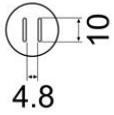


A1181B BQFP
Size 19 x 19

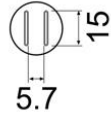


A1182B BQFP
Size 24 x 24

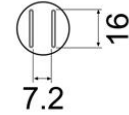
SOP



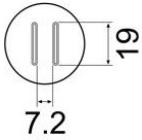
A1131 SOP
Size 4.4 x 10
Vacuum function inoperative nozzle



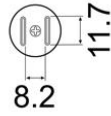
A1132 SOP
Size 5.6 x 13
Vacuum function inoperative nozzle



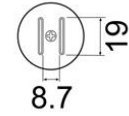
A1133 SOP
Size 7.5 x 15
Vacuum function inoperative nozzle



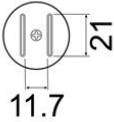
A1134 SOP
Size 7.5 x 18
Vacuum function inoperative nozzle



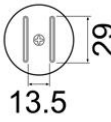
A1258B SOP
Size 7.6 x 12.7



A1260B SOP
Size 8.6 x 18

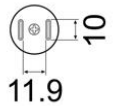


A1257B SOP
Size 11 x 21

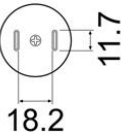


A1259B SOP
Size 13 x 28

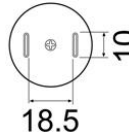
TSOL



A1185B TSOL
Size 13 x 10

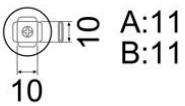


A1186B TSOL
Size 18 x 10

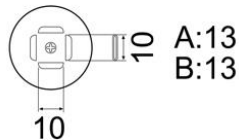


A1187B TSOL
Size 18.5 x 8

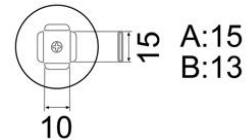
PLCC



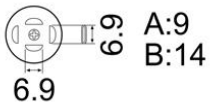
A1188B PLCC
Size 9 x 9(20pin)



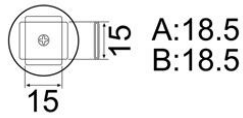
A1140B PLCC
Size 11.5 x 11.5(28pin)



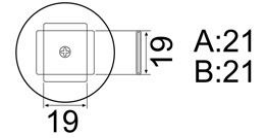
A1141B PLCC
Size 11.5 x 14(32pin)



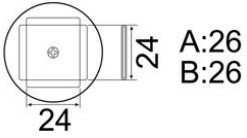
A1139B PLCC
Size 12.5 x 7.3(18pin)



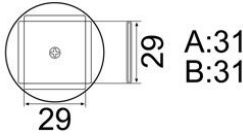
A1135B PLCC
Size 17.5 x 17.5(44pin)



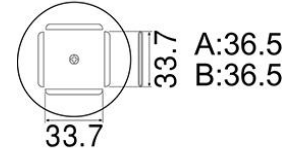
A1136B PLCC
Size 20 x 20(52pin)



A1137B PLCC
Size 25 x 25(68pin)

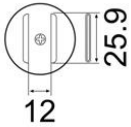


A1138B PLCC
Size 30 x 30(84pin)

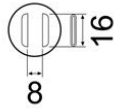


A1189B PLCC
Size 34 x 34(100pin)

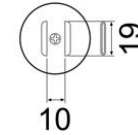
SOJ



A1214B SOJ
Size 10 x 26

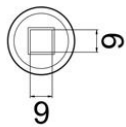


A1183 SOJ
Size 15 x 8
Vacuum function inoperative nozzle

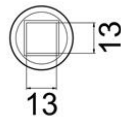


A1184B SOJ
Size 18 x 8

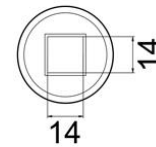
BGA



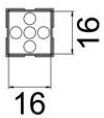
A1470 BGA
Size 8 x 8



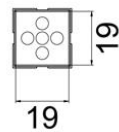
A1471 BGA
Size 12 x 12



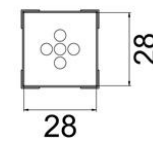
A1472 BGA
Size 13 x 13



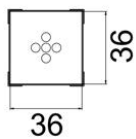
A1473 BGA
Size 15 x 15



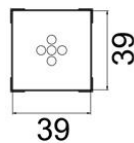
A1474 BGA
Size 18 x 18



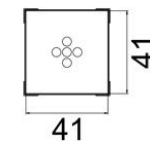
A1475 BGA
Size 27 x 27



A1476 BGA
Size 35 x 35



A1477 BGA
Size 38 x 38



A1478 BGA
Size 40 x 40

Single



A1124B Single

Size $\phi 2.5$

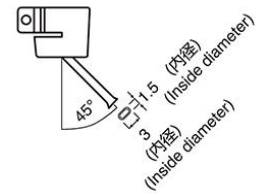
Vacuum function inoperative nozzle



A1130 Single

Size $\phi 4.4$

Vacuum function inoperative nozzle



A1142B Bent Single

Size $\phi 1.5 \times 3$

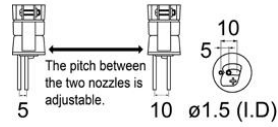
Vacuum function inoperative nozzle



A1190 Dual Single

Size $\phi 2.5 \times 9.5$

Vacuum function inoperative nozzle

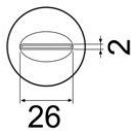


A1325 Dual Single

Size $\phi 1.5 \times 5$ to 10

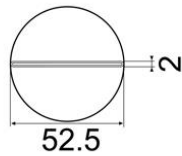
Vacuum function inoperative nozzle

SIP



A1191 25L

Vacuum function inoperative nozzle



A1192 50L

Vacuum function inoperative nozzle