
















Hot air nozzles for HAP 3000 (WHA 3000P / V), HAP 2 (WHA 2000) and HAP 3 (WHA 700, WHA 300)

Round nozzle

















Model	Description	Diameter	PU	Order No.
 NR04	Round nozzle, without vacuum	2,5 mm	1	T005 87 368 81N
 NR05	Round nozzle, without vacuum	4,0 mm	1	T005 87 368 67N
 NR10	Round nozzle, without vacuum	7,0 mm	1	T005 87 368 70N
 NRV07	Hot air nozzle with vacuum for small components	7,0 mm	1	T005 87 507 70N
 NRV10	Hot air nozzle with vacuum for small components	10,0 mm	1	T005 87 507 72N
 NRV12	Hot air nozzle with vacuum for small components	12,0 mm	1	T005 87 507 74N
 NR02	Round nozzle, without vacuum	1,7 mm x 45°	1	T005 87 368 82N
 NR06	Round nozzle, without vacuum	6,0 mm x 45°	1	T005 87 507 65N
 DR05	Dual nozzle round, without vacuum	2 x 2,5	1	T005 87 368 83N

2 sides heated (type ND, Width X = heated side)

Model	Description	Length mm	Width mm	PU	Order No.
 ND05	Hot air nozzle, 2 sides heated	10.7	10.7	1	T005 87 368 43N
 ND10	Hot air nozzle, 2 sides heated	14	10.0	1	T005 87 368 42N
 ND15	Hot air nozzle, 2 sides heated	19	12.0	1	T005 87 368 41N
 ND20	Hot air nozzle, 2 sides heated	21.5	14.8	1	T005 87 368 40N

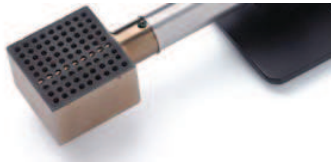


Four sides heated (Type NQ)

Model	Description	Length mm	Width mm	PU	Order No.
NQ05 	Hot air nozzle, four sides heated	10.7	10.7	1	T005 87 368 39N
NQ15 	Hot air nozzle, four sides heated	14.5	10.0	1	T005 87 368 38N
NQ10 	Hot air nozzle, four sides heated	14.8	14.8	1	T005 87 368 18N
NQ20 	Hot air nozzle, four sides heated	15.5	13.0	1	T005 87 368 37N
NQ25 	Hot air nozzle, four sides heated	18	18.0	1	T005 87 368 14N
NQ30 	Hot air nozzle, four sides heated	17.5	23.5	1	T005 87 507 21N
NQ35 	Hot air nozzle, four sides heated	20.5	20.5	1	T005 87 368 07N
NQ 	Hot air nozzle, four sides heated	24	12.0	1	T005 87 368 80N
NQ40 	Hot air nozzle, four sides heated	26	26.0	1	T005 87 368 04N
NQ45 	Hot air nozzle, four sides heated	31.3	31.3	1	T005 87 368 33N
NQ50 	Hot air nozzle, four sides heated	36	36.0	1	T005 87 368 91N
NQ55 	Hot air nozzle, four sides heated	43.0	43.0	1	T005 87 368 90N
NQT10 	Hot air nozzle, 4 sides heated, without protruding edge	14.8	14.8	1	T005 87 507 41N
NQT25 	Hot air nozzle, 4 sides heated, without protruding edge	18	18.0	1	T005 87 507 42N
NQT 	Hot air nozzle, 4 sides heated, without protruding edge	22	22.0	1	T005 87 507 39N
NA 20 	Measuring nozzle			1	T005 87 368 75N



Pre heating nozzle for HAP 3



Order No.	Description
T005 87 578 92	Pre heating nozzle for HAP 3

Multi rest



Order No.	Description
T005 15 048 99N	Depositing rack for NR, ND, NQ Hot Air Nozzles for WHA 3000V and WHA 3000P (max. 6 nozzles)

Vacuum insert for CSF heads (spare)



Order No.	Description
T005 87 137 99	Vacuum insert Ø 4,5 mm
T005 87 137 98	Vacuum insert Ø 10 mm

Soldering Stations

Soldering iron
and safety restSoldering tips
and nozzles

Preheating plates

Soldering bathes

Circuit board holder

Solder feeder

Hot air heating gun

Temperature
measuring

Accessories