

GAS NOZZLES FOR SMT COMPONENTS

ACCESSORIES

2.202

APPLICATIONS:

SMT

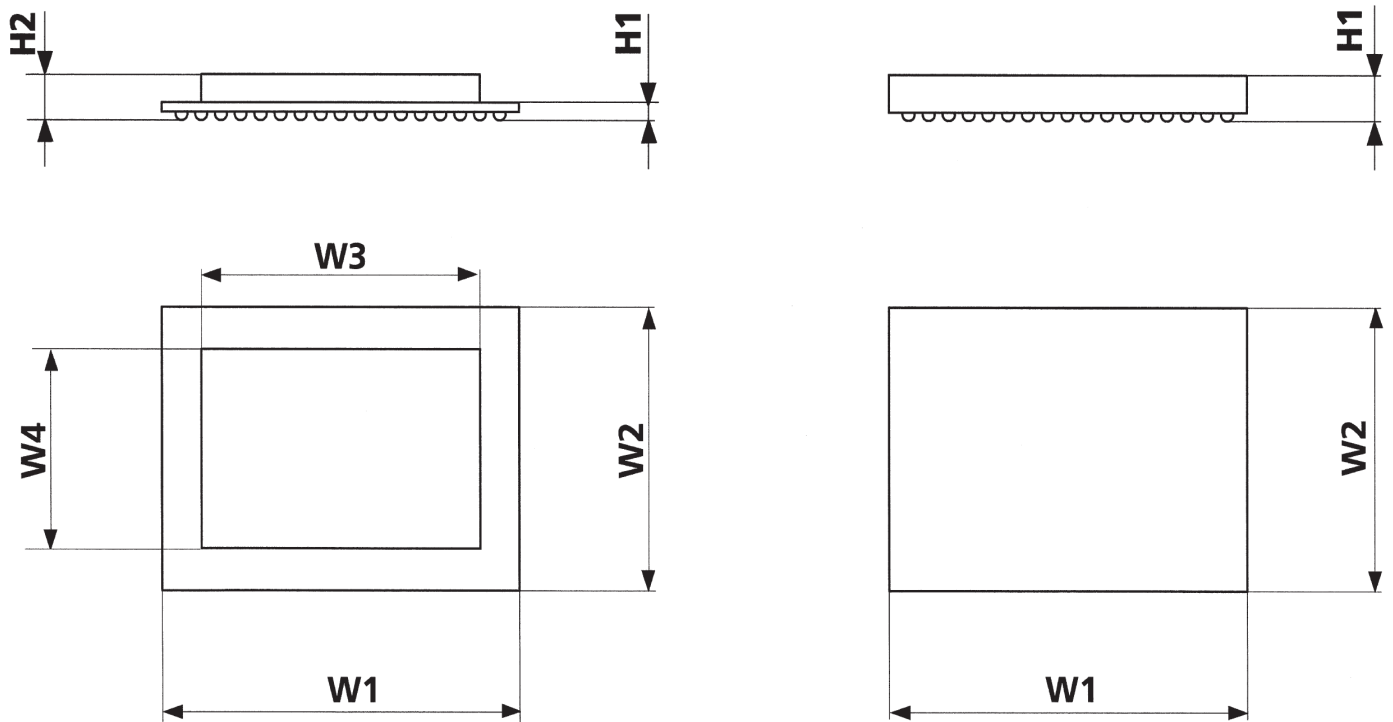
ZEVAC LINE:

DRS/ONYX



GAS NOZZLE DEFINITION

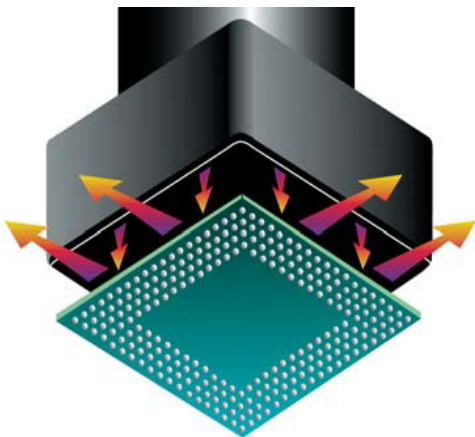
FOR QUOTATIONS AND ORDERS THE ADVICE FOR THE SYSTEM TYPE IS REQUIRED (DRS ODER ONYX)



These dimensions are necessary for the definition of the gas nozzles.

EZ / EZL GAS NOZZLES

For PBGA, TBGA, CBGA, CCGA SBGA



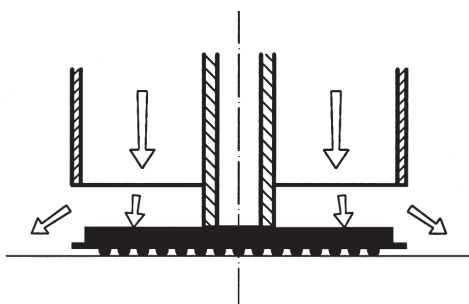
EXAMPLES

Order No				Component Dimensions in mm				
				W1	W2	W3	W4	H1
CH N	394	EZ(L)	394	10.0	10.0			
CH N	700	EZ(L)	700	18.0	18.0			
CH N	826	EZ(L)	826	21.0	21.0			
CH N	984	EZ(L)	984	25.0	25.0			
CH N	1062	EZ(L)	1062	27.0	27.0			
CH N	1220	EZ(L)	1220	31.0	31.0			
CH N	1377	EZ(L)	1377	35.0	35.0			
CH N	1574	EZ(L)	1574	40.0	40.0			
CH N	1732	EZ(L)	1732	44.0	44.0			

EZ gas nozzle / EZL gas nozzle

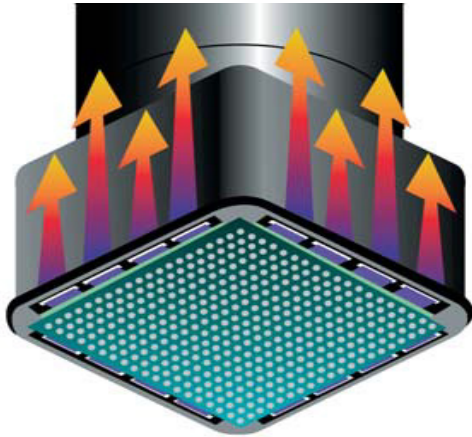
Distance to the next component: 0.0mm

Vacuum tube is adjustable



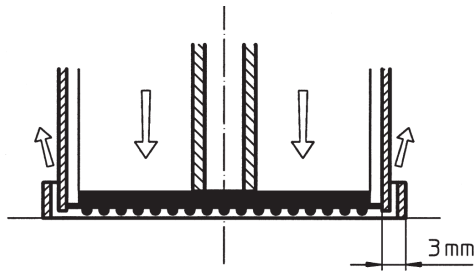
X GAS NOZZLES

For **PBGA, TBGA, CBGA, CCGA SBGA**



X gas nozzle

Distance to the next component: minimum 3.0mm
Vacuum tube is adjustable



EXAMPLES

Order No				Component Dimensions in mm				
				W1	W2	W3	W4	H1
CH N	400	X	400-11	9.9	9.9			0.7
CH N	562	X	881-17	14.0	22.1			1.3
CH N	687	X	687-15	17.2	17.2			1.1
CH N	842	X	842-20	21.1	21.1			1.6
CH N	921	X	921-22	23.1	23.1			1.8
CH N	1081	X	1081-15	27.2	27.2			1.1
CH N	1232	X	1232-17	31.0	31.0			1.3
CH N	1433	X	1433-17	36.1	36.1			1.3
CH N	1594	X	1594-18	40.2	40.2			1.4
CH N	1606	X	1606-22	40.5	40.5			1.8

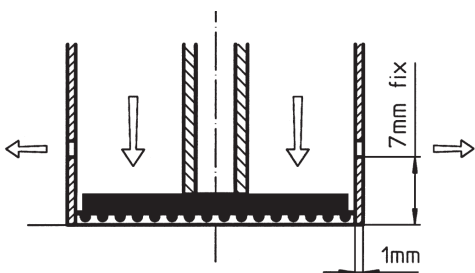
Y GAS NOZZLES

For **PBGA, TBGA, CBGA, CCGA SBGA**



Y gas nozzle

Distance to the next component: minimum 1.0mm
Vacuum tube is adjustable

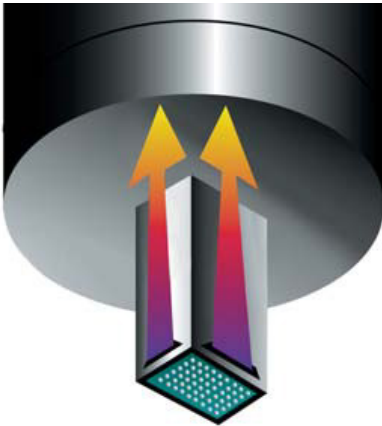


EXAMPLES

Order No				Component Dimensions in mm				
				W1	W2	W3	W4	H1
CH N	488	Y	488	12.1	12.1			7
CH N	1235	Y	1235	31.1	31.1			7
CH N	1244	Y	1244	31.3	31.3			7
CH N	1345	Y	1345	33.9	33.9			7
CH N	1393	Y	1393	35.1	35.1			7
CH N	1483	Y	1483	37.4	37.4			7
CH N	1582	Y	1582	39.9	39.9			7
CH N	1590	Y	1590	40.1	40.1			7
CH N	1688	Y	1688	42.6	42.6			7

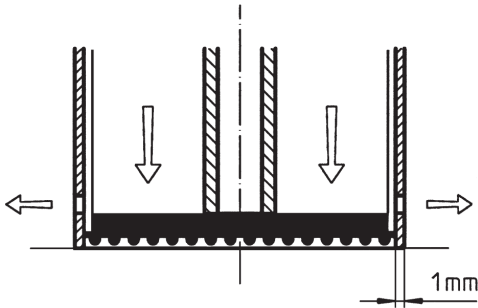
NS Y GAS NOZZLES

For μ BGA, CSP, Flip Chip



NS Y gas nozzle

Distance to the next component: minimum 1.0mm
Vacuum tube is adjustable

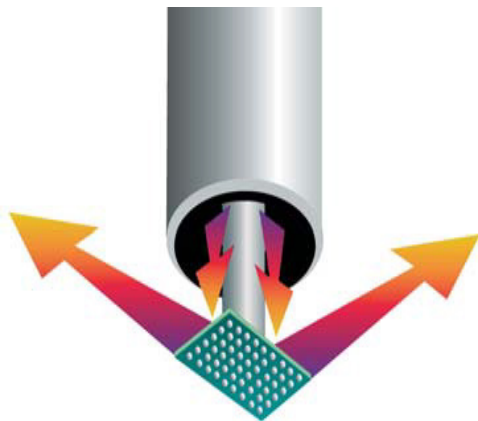


EXAMPLES

Order No				Component Dimensions in mm				
				W1	W2	W3	W4	H1
CH NS	242	Y	320-16	5.9	7.9			1.4
CH NS	362	Y	462-20	8.9	11.5			1.6
CH NS	403	Y	442-20	10.0	11.0			1.6
CH NS	562	Y	881-17	14.0	22.1			1.3
CH NS	595	Y	595-17	14.9	14.9			1.3
CH NS	600	Y	600-16	15.0	15.0			1.2
CH NS	842	Y	842-20	21.1	21.1			1.6
CH NS	995	Y	995-18	25.0	25.0			1.4
CH NS	1389	Y	1389-20	35.0	35.0			1.6
CH NS	1586	Y	1586-20	40.0	40.0			1.6

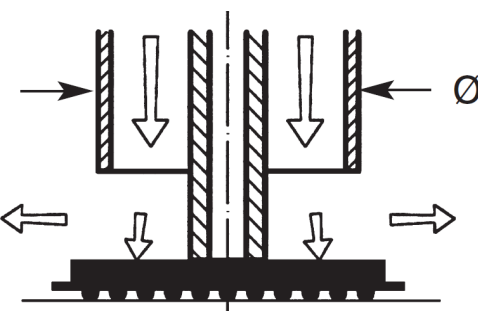
DVG GAS NOZZLES

For μ BGA, CSP, Chip 01005, 0201, 0402, ...



DVG gas nozzle

Distance to the next component: minimum 0.0mm
Vacuum tube is adjustable



EXAMPLES

Order No	Ø Nozzle (outside)	Ø Vacuum tube (inside)
	Dimensions in mm	Dimensions in mm
CH N 28 DVG-02	7.0	0.2
CH N 28 DVG-2	7.0	2.0
CH N 36 DVG-04	9.0	0.4
CH N 36 DVG-2	9.0	2.0
CH N 36 DVG-3	9.0	3.0

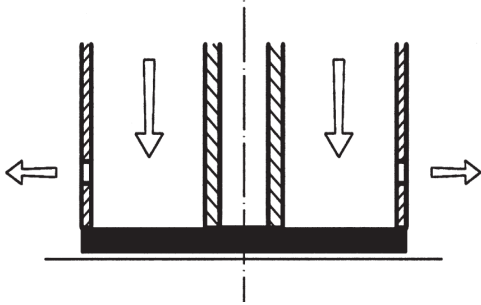
NS Y GSH GAS NOZZLES

For **Shiedings**



NS Y GSH gas nozzle

Distance to the next component: minimum 1.0mm
 Vacuum tube is adjustable



EXAMPLES

Order No				Component Dimensions in mm				
				W1	W2	W3	W4	H1
CH NS	758	Y	1544 GSH	19.0	39.0			
CH NS	972	Y	1241 GSH	24.4	31.3			
CH NS	990	Y	1242 GSH	24.9	31.3			
CH NS	1278	Y	1295 GSH	32.2	32.6			
CH NS	1285	Y	1301 GSH	32.4	32.8			
CH NS	1453	Y	1494 GSH	36.7	37.7			

Technical Data Subject to Change

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