


Hot Air Nozzles

Listed below are standard nozzles available from PACE. Custom nozzles can be designed and manufactured to your specifications for special or non-standard applications. Contact PACE at **1.877.882.PACE** or **support@paceworldwide.com** for more information. Alignment templates are included with BGA nozzle assemblies.


Standard Nozzles for ST 300 / 325 / 350 Systems



BGA Nozzles	Description	Part Number
	26.4mm x 26.4mm (1.04" x 1.04")	4028-5001
	22.3mm x 22.3mm (0.89" x 0.89")	4028-5002
	34.4mm x 34.4mm (1.35" x 1.35")	4028-5003
	12.3mm x 12.3mm (0.48" x 0.48")	4028-5004
	14.4mm x 14.4mm (0.57" x 0.57")	4028-5005
	15.5mm x 17mm (0.61" x 0.67")	4028-5006
	13.5mm x 15mm (0.53" x 0.59")	4028-5007
	10.5mm x 10.5mm (0.41" x 0.41")	4028-5008
	12mm x 13.3 mm (0.47" x 0.52")	4028-5009
	8.7mm x 8.90mm (0.34" x 0.35")	4028-5010
	25mm x 25mm (0.98" x 0.98")	4028-5011
	39.2mm x 39.2mm (1.54" x 1.54")	4028-5012
	41.7mm x 41.7mm (1.64" x 1.64")	4028-5013
	30.3mm x 30.3mm (1.19" x 1.19")	4028-5014
	16.3mm x 16.3mm (0.64" x 0.64")	4028-5015
	20.3 mm x 20.3 mm (0.80" x 0.80")	4028-5016
	20.3mm x 20.3mm (0.80" x 0.80")	4028-5017 (short adapter)
	36.8mm x 36.8mm (1.45" x 1.45")	4028-5018
	18.3mm x 18.3mm (0.72" x 0.72")	4028-5019
	31.3mm x 31.3mm (1.23" x 1.23")	4028-5020
	28.3mm x 28.3mm (1.11" x 1.11")	4028-5021
	15.3mm x 15.3mm (0.60" x 0.60")	4028-5022
	13.2mm x 21.2mm (0.52" x 0.83")	4028-5023
	18.5mm x 18.5mm (0.73" x 0.73")	4028-5024
	17.8mm x 17.8mm (0.70" x 0.70")	4028-5025
	25.7mm x 25.7mm (1.01" x 1.01")	4028-5026
	29.3mm x 29.3mm (1.15" x 1.15")	4028-5027
	24.3mm x 31.6mm (0.96" x 1.24")	4028-5028
	42.3mm x 42.3mm (1.66" x 1.66")	4028-5029
	43.3mm x 43.3mm (1.70" x 1.70")	4028-5030
	21.3mm x 21.3mm (0.84" x 0.84")	4028-5032
	32.3mm x 32.3mm (1.24" x 1.24")	4028-5033
	46.8mm x 46.8mm (1.84" x 1.84")	4028-5034
	20.3 mm x 24mm (0.80" x 0.94")	4028-5035
	16.3mm x 16.3 (0.64" x 0.64")	4028-5036 (short adapter)
20.3mm x 20.3mm (0.80" x 0.80")	4028-5037 (small cup)	
10mm x 13mm (0.40" x 0.51")	4028-5038	
6mm x 8mm (0.24" x 0.32")	4028-5501	
6.55mm x 8mm (0.26" x 0.32")	4028-5502	
7mm x 4.5mm (0.28" x 0.18")	4028-5503	
Calibration Nozzle	4028-2010-P1	


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Pattern Nozzles	Jet Spacing	Jet Length	Part Number
	4mm (0.16")	6.1mm (0.24")	4028-4001
	4mm (0.16")	10.9mm (0.43")	4028-4002
	7.9mm (0.31")	10.9mm (0.43")	4028-4003
	7.9mm (0.31")	13.5mm (0.53")	4028-4004
	7.9mm (0.31")	16mm (0.63")	4028-4005
	7.9mm (0.31")	18.5mm (0.73")	4028-4006
	11.7mm (0.46")	20.8mm (0.82")	4028-4007
	18.6mm (0.734")	11.68mm (0.460")	4028-4505
	10.4mm (0.41")	21.35mm (0.84")	4028-4506

Single Jet Nozzles	Shape of Jet Tubing	Nozzle Size (Nominal)	Part Number
 	Curved, Round	3.0mm diameter (0.1" diameter)	4028-1001-P1
	Curved, Round	5.0mm diameter (0.2" diameter)	4028-1002-P1
	Curved, Round	8.0mm diameter (0.3" diameter)	4028-1003-P1
	Straight, Round	3.0mm diameter (0.01" diameter)	4028-1011-P1
	Straight, Round	5.0mm diameter (0.2" diameter)	4028-1012-P1
	Straight, Round	8.0mm diameter (0.3" diameter)	4028-1013-P1
	Flat Jet	13.2mm length (0.52")	4028-1021-P1
	Flat Jet	23.4mm length (0.92")	4028-1022-P1

Pattern Nozzles	Nozzle Size (Nominal)	Part Number
 	8.6mm x 12.1mm (0.34" x 0.48")	4028-2001
	10.3mm x 10.3mm (0.41" x 0.41")	4028-2002
	12.8mm x 12.8mm (0.51" x 0.51")	4028-2003
	12.8mm x 15.39mm (0.50" x 0.61")	4028-2004
	17.9mm x 17.9mm (0.70" x 0.70")	4028-2005
	20.5mm x 20.5mm (0.81" x 0.81")	4028-2006
	25.6mm x 25.6mm (1.01" x 1.01")	4028-2007
	30.6mm x 30.6mm (1.20" x 1.20")	4028-2008
	38.9mm x 38.9mm (1.53" x 1.53")	4028-2009
	18.2mm x 24.2mm (0.72" x 0.95")	4028-2501
	17.1mm x 17.1mm (0.67" x 0.67")	4028-2502
	27mm x 27mm (1.06" x 1.06")	4028-2503
	31.95mm x 31.95mm (1.26" x 1.26")	4028-2504
	31.6mm x 31.6mm (1.24" x 1.24")	4028-2505
	34.7mm x 34.7mm (1.37" x 1.37")	4028-2506
	23.5mm x 23.5mm (0.924" x 0.924")	4028-2507
	32.5mm x 46.5mm (1.28" x 1.83")	4028-1501
	27.2mm x 27.2mm (1.07" x 1.07")	4028-2602
	11.5mm x 11.5mm (0.453" x 0.453")	4028-3002
15.5mm x 15.5mm (0.610" x 0.610")	4028-3004	
Calibration Nozzle	4028-2010-P1	