

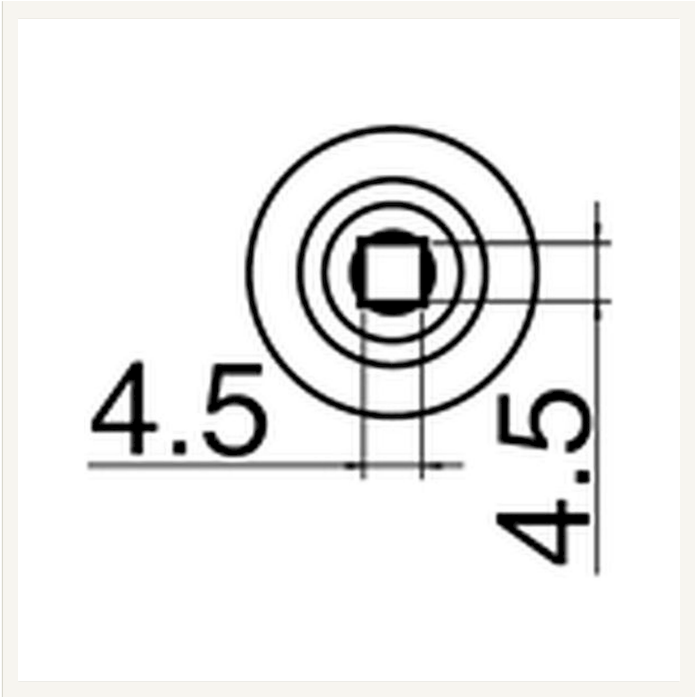
Hot Air Nozzle BGA 4x4mm - Hakko N51-10

Item no. HK-N51-10	Manufacturer Hakko	EAN 4962615047442
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Precision hot air nozzle designed for BGA rework applications. The 4x4mm opening provides concentrated heat distribution for fine-pitch ball grid array components on FR-810 and FR-810B hot air stations.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Japan
HS-Code	85159080
Note	Es gibt keine Lieferung von Hakko Produkten in die Schweiz
Weight	0.0099 kg



DESCRIPTION

OVERVIEW

The Hakko N51-10 is a specialized hot air nozzle engineered for precision rework of fine-pitch BGA (Ball Grid Array) components. With a 4x4mm opening, this nozzle delivers concentrated thermal energy to small component areas, making it ideal for advanced PCB assembly and repair work on FR-810 and FR-810B hot air stations.

KEY FEATURES

- 4x4mm nozzle opening for precise BGA targeting
- Compatible with Hakko FR-810 and FR-810B hot air rework stations
- Optimized heat distribution for fine-pitch components
- Durable construction for repeated rework cycles
- Easy installation and removal

TECHNICAL SPECIFICATIONS

Nozzle Type	BGA Hot Air Nozzle
Opening Size	4x4mm
Compatible Stations	FR-810, FR-810B

Country of Origin	Japan
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APPLICATIONS

Ideal for rework and repair of fine-pitch BGA components in electronics manufacturing, PCB assembly, and field service environments. Suitable for prototype development and production-level rework operations.