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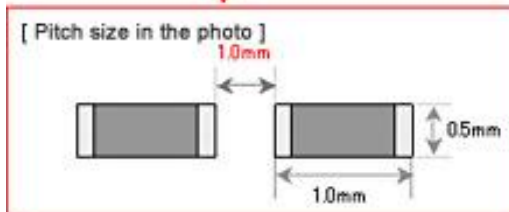
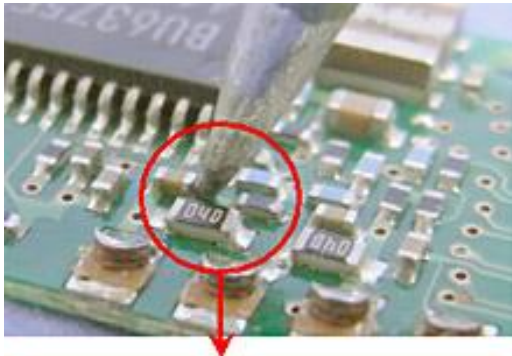
Soldering at the narrow pitches

The following shapes are the recommended. Please select the best shape by following each feature.

	Features	Remarks
Shape I	This shape has a thin conical end and is an ultrafine tip. It is best suited for soldering at narrow pitches.	
Shape K	This shape has a shape like a knife. It is also available for correcting bridging and drag soldering.	These shapes are recommended when unmolded solder caused by insufficient heat capacity with Shape I
Shape S	This shape is changed from Shape B, C, D and I by the special shape which prevents tip end to touch the nearby ICs.	

Use Shape I

This shape has a thin conical end and is an ultrafine tip. It is used for soldering a tiny chip at narrow pitches.



It is easy to work with Shape I at the narrow pitches in which the tip end of Shape B touches the nearby ICs.

*The tip in the photo is T12-ILS.

T12 series has the most variation of Shape I in HAKKO products:

T12-I, T12-IL and T12-ILS.

Use Shape K

This type has a shape like a knife and is capable of soldering by applying the tip in 3 ways: line, face and point. It offers other recommended usages.



Stand the blade on edge and put the tip end on the leads of the IC chip.



Viewing from the front also shows that the tip end does not come in contact with the IC.

Use Shape K

This shape is derived from Shape B, C, D and I. It is used for soldering tiny chips at the narrow pitches.



The special shape of fine tip end prevents its tip end from touching nearby chips.



900M-T-B



900M-T-SB

When soldering with “900M-T-B”, tip end can touch the chip on the left side even if your hand shakes a little.