# Hegytípusok T15

#### Model:

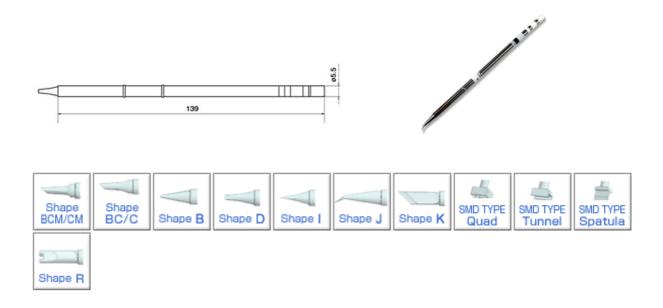
- HAKKO FM-203 •
- Handpiece : HAKKO FM-2027(70W) ٠
- HAKKO FM-204 •
- Handpiece : HAKKO FM-2027(70W)
- **HAKKO FM-206** •
- Handpiece : HAKKO FM-2027(70W) •
- **HAKKO FX-950** •
- Handpiece : HAKKO FM-2028(70W) •
- HAKKO FX-951 ٠
- Handpiece : HAKKO FM-2028(70W) •
- **HAKKO FX-952** •
- Handpiece : HAKKO FM-2028(70W) •
- HAKKO FM-202 Kifutott termék •
- Handpiece : HAKKO FM-2021(70W) Kifutott termék •
- Handpiece : HAKKO FM-2027(70W) •

# Alkalmazható típusok



Ezekhez az állomásokhoz csatlakoztatható



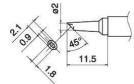


#### Shape BCM/CM

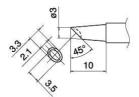
This type differs from Shape BC by the addition of a hollow to its cut face, providing high solder retention capability.

It is used for drag soldering and correction of bridging.

\* Shape BCM/CM are not available for sale or use in the U.S.A.



T15-BCM2 Shape-2BC Bevel with indent

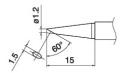


T15-BCM3 Shape-3BC Bevel with indent

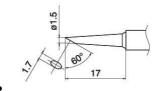
# Shape BC/C

This type has a shape like a cone or column cut at a slant, which allows users to select the cut surface size depending on the workpiece.

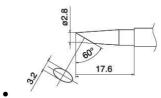
It is used for drag soldering and pre-tinning of lead wires.



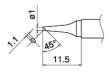
T15-BC12 Shape-1.2BC



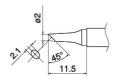
T15-BC15 Shape-1.5BC



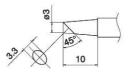
T15-BC28 Shape-2.8BC



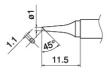
T15-BC1 Shape-1BC



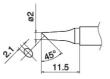
T15-BC2 Shape-2BC



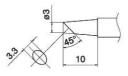
T15-BC3 Shape-3BC



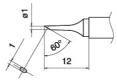
T15-BCF1 Shape-1BC Tinned cut surface only



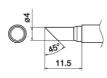
T15-BCF2 Shape-2BC Tinned cut surface only



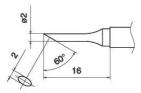
T15-BCF3 Shape-3BC Tinned cut surface only



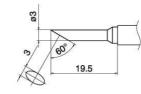
T15-C1 Shape-1C



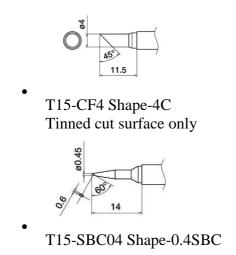
T15-C4 Shape-4C



T15-CF2 Shape-2C



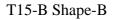
T15-CF3 Shape-3C

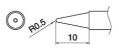


#### Shape B

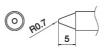
All-round type which can be used from any direction and is easy to hold at any position. Possible to solder any surface from small to large.



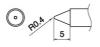




T15-B2 Shape-0.5B



T15-B3 Shape-0.7B



• T15-B4 Shape-0.4B



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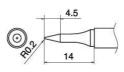
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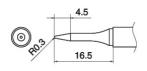
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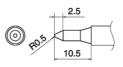
T15-BLL Shape-BL Long



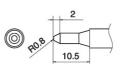
T15-SB02 Shape-0.2SB



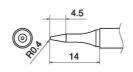
T15-SB03 Shape-0.3SB



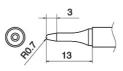
T15-SB05 Shape-0.5SB



T15-SB08 Shape-0.8SB



T15-SBS04 Shape-0.4SBS

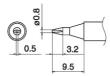


T15-SBS07 Shape-0.7SBS

#### Shape D

This type has a shape like a flat-blade screwdriver and is capable of soldering by applying the tip in 2 ways: line and face.

The width (size of tip) suitable for the workpiece can be selected, and it can be used for any soldering work.

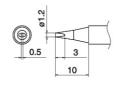


T15-D08 Shape-0.8D

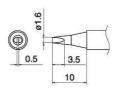
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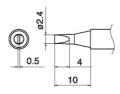
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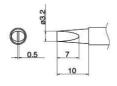
T15-D12 Shape-1.2D



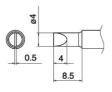
T15-D16 Shape-1.6D



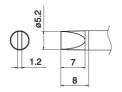
T15-D24 Shape-2.4D



T15-DL32 Shape-3.2D Long Just joined as standard tip.



T15-D4 Shape-4D



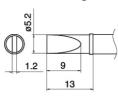
T15-D52 Shape-5.2D

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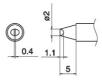
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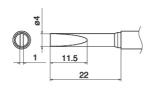
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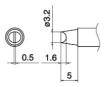
T15-DL52 Shape-5.2D Long



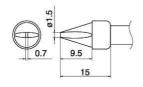
T15-D2 Shape-2D



T15-DL4 Shape-4D Long



T15-D32 Shape-3.2D



• T15-XD15 Shape-1.5XD

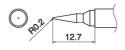
#### Shape I

This type has a thin conical end and is an ultrafine tip which is best suited for soldering at narrow pitches, etc.

It is the best for soldering micro components such as 0603, etc. and for repairing high-densitymounting P.W.Bs. such as in cellular phones, etc.



T15-I Shape-I



T15-IL Shape-IL



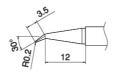
T15-ILS Shape-ILS

#### Shape J

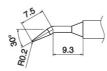
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This type differs from Shape B and I by bending the tip end and is capable of soldering by applying the tip in 2 ways: face and point.

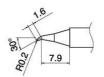
It is used for drag soldering and correction of bridging.



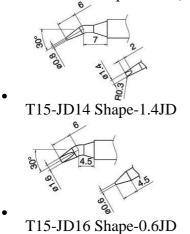
T15-J02 Shape-0.2J (Shape-0.2RSB)



T15-JL02 Shape-0.2JL (Shape-0.2RLB)



T15-JS02 Shape-0.2JS (Shape-0.2RSSB)

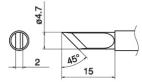


#### Shape K

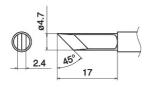
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This type has a shape like a knife and is capable of soldering by applying the tip in 3 ways: line, face and point.

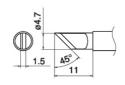
It is used for soldering at narrow pitches, correction of bridging and drag soldering.



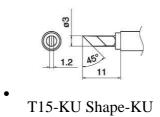
T15-K Shape-K



T15-KF Shape-KF



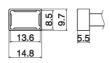
T15-KL Shape-KL For drag soldering for left-handed.



# **SMD Type : Shape Quad**

This type is capable of heating plural pins or lead wires at once and is used for rework of SMDs.

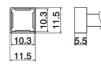
It is used for removal of QFP.



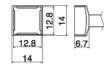
T15-1201 Quad Size 13.6 x 8.5

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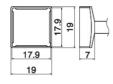
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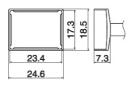
T15-1202 Quad Size 10.3 x 10.3



T15-1203 Quad Size 12.8 x 12.8



• T15-1204 Quad Size 17.9 x 17.9

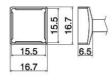


T15-1205 Quad Size 23.4 x 17.3

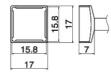
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T15-1206 Quad Size 22.5 x 16.5



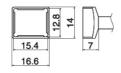
T15-1207 Quad Size 15.5 x 15.5



T15-1208 Quad Size 15.8 x 15.8



T15-1209 Quad Size 8.4 x 8.4



T15-1210 Quad Size 15.4 x 12.8

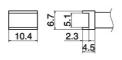
# **SMD Type : Shape Tunnel**

This type is capable of heating plural pins or lead wires at once and is used for rework of SMDs.

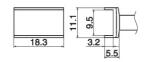
It is used for removal of SOP.

T15-1001 Tunnel Size 5.1 x 4.6

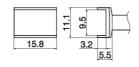
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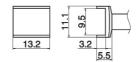
T15-1002 Tunnel Size 5.1 x 10.4



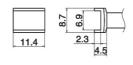
• T15-1003 Tunnel Size 9.5 x 18.3



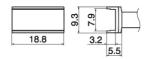
• T15-1004 Tunnel Size 9.5 x 15.8



T15-1005 Tunnel Size 9.5 x 13.2



T15-1006 Tunnel Size 6.9 x 11.4



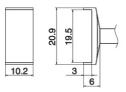
T15-1007 Tunnel Size 7.9 x 18.8

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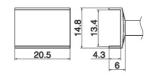
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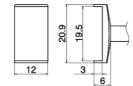
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T15-1008 Tunnel Size 19.5 x 10.2



T15-1009 Tunnel Size 13.4 x 20.5



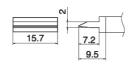
T15-1010 Tunnel Size 19.5 x 12

# **SMD Type : Shape Spatula**

This type is capable of heating plural pins or lead wires at once and is used for rework of SMDs.

Soldering for thermal compression of flexible P.W.B., shield cases, connecter, etc.

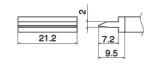
T15-1401 Spatula Size 10.4



T15-1402 Spatula Size 15.7

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T15-1403 Spatula Size 21.2



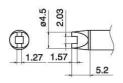
T15-1406 Spatula Size 40

# Shape R

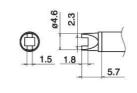
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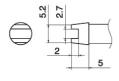
This type has a groove at the tip end. It is suitable for removing ICs.



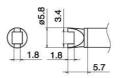
T15-R20 Shape-2.0R



T15-R23 Shape-2.3R



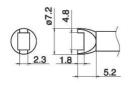
T15-R27 Shape-2.7R



T15-R34 Shape-3.4R

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T15-R48 Shape-4.8R