

LEISTO



LEISTO
HIGH QUALITY SOLDERING TIPS MANUFACTURER

深圳市利世达科技有限公司
LEISTO INDUSTRIAL CO., LIMITED



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Company profile

Leisto Industrial Co., Limited is a self-innovation company. As a soldering tip manufacturer, we have very strong developing capability, and occupy steady position in middle & high end market. With many years' development, our products are approved by grand clients from all over the world; including a lot of multinational corporations. As per our experience, new client has over 90% possibility to place the order after they testing the sample. Along with our technology improving and become mature gradually, we hardly receive negative feedback about the quality.

We can supply various types of soldering tips for hand soldering and robotic soldering, as well as customized tips; we also provide technical solution if necessary. The soldering tip production processes are executed strictly according to ISO standard, every process is followed by the highest requirement, strictly control the accuracy, ensure the size is within the minimum tolerance and the electroplating layer is uniform.

High quality soldering tip, is here!

Production Corner

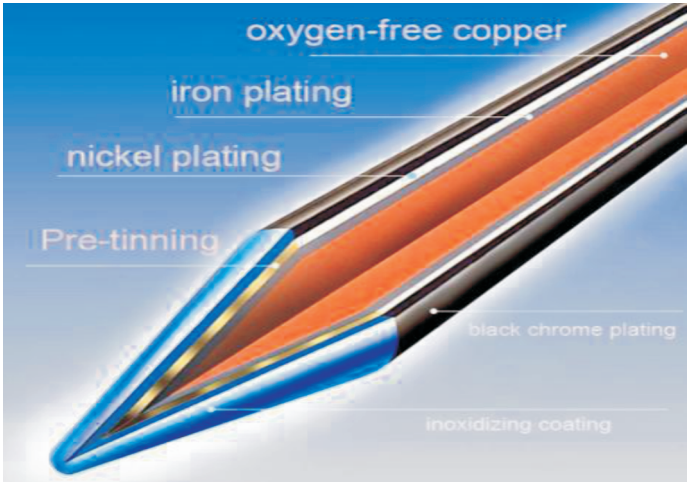
Manufacturing Procedures



High quality soldering tips are made from oxygen-free copper because of its thermal transfer properties. The copper is machined or cold headed to desired shape. Next, a critical "iron plating" coats the copper core to protect it from erosion from solder alloys used in the electronic industry.

The "working end" of the soldering tip is then fabricated into distinct styles like chisels, screwdrivers, needle points and precision points. Tips are again plated with nickel and chromium to protect the tip from the corrosion or rusting.

Finally, tips are "pre-tinned" to insure good "wetting" while soldering. Base material made of high purity copper, ensuring excellent conductivity. Iron plating to extend the usage life. Entire shank is uniformly chrome-plated protecting from corrosion. Iron plating working end is factory pre-tinned. A qualified soldering tip should have uniform plating layer, otherwise will cause uneven heating and affect the lifetime.



APOLLO SEIKO

点焊烙铁头 Point Soldering Cartridge

GDV (Old Type: DV1-2)

		a(mm)	b	c	d
TS DS DN TM DM	-10GDV07-BZ10	3.0	1.0	0.4	1.5
	-13GDV08-BZ15	4.0	1.3	0.5	2.0
	-16GDV10-BZ15	4.0	1.6	0.6	2.0
	-20GDV14-BZ15	4.0	2.0	0.8	2.0
	-24GDV14-BZ15	4.0	2.4	0.8	2.0
	-30GDV17-BZ30	5.0	3.0	1.0	3.0
	-40GDV17-BZ30	5.0	4.0	1.0	3.0
	-50GDV17-BZ40	5.0	5.0	1.3	4.0
	-60GDV23-BZ40	6.0	6.0	1.3	4.0
	-80GDV52-BZ50	8.0	8.0	1.6	5.0

PCA / PCS (Old Type: PC)

		a(mm)	b	c	d
TS DS DN TM DM	-10PCA-B	3.0	1.0		
	-13PCA-B	4.0	1.3		
	-16PCA-B	4.0	1.6		
	-20PCA-B	4.0	2.0		
	-24PCA-B	4.0	2.4		
	-30PCA-B	5.0	3.0		
	-40PCA-B	5.0	4.0		
	-50PCS-B	5.0	5.0		
	-60PCS-B	6.0	6.0		
	-40PCA-B	8.0	8.0		

PAD / PDS (Old Type: D)

	UNIT: mm	a(mm)	b	c	d
TS DS DN TM DM	-08PAD03-E08	3.0	0.8	0.3	0.8
	-10PAD03-E08	3.0	1.0	0.3	0.8
	-13PAD05-E15	4.0	1.3	0.5	1.5
	-16PAD06-E15	4.0	1.6	0.6	1.5
	-20PAD07-E15	4.0	2.0	0.7	1.5
	-24PAD08-E15	4.0	2.4	0.8	1.5
	-30PAD10-E30	5.0	3.0	1.0	3.0
	-40PAD10-E30	5.0	4.0	1.0	3.0
	-50PDS-E40	5.0	5.0	1.3	4.0
	-60PDS-E40	6.0	6.0	1.3	4.0
	-80PDS-E50	8.0	8.0	1.6	5.0

PAD / PDS (Old Type: D-2)

		a(mm)	b	c	d
TS DS DN TM DM	-08PAD03-B08	3.0	0.8	0.3	0.8
	-10PAD03-B08	3.0	1.0	0.3	0.8
	-13PAD05-B15	4.0	1.3	0.5	1.5
	-16PAD06-B15	4.0	1.6	0.6	1.5
	-20PAD07-B15	4.0	2.0	0.7	1.5
	-24PAD08-B15	4.0	2.4	0.8	1.5
	-30PAD10-B30	5.0	3.0	1.0	3.0
	-40PAD10-B30	5.0	4.0	1.0	3.0
	-50PDS-B40	5.0	5.0	1.3	4.0
	-60PDS-B40	6.0	6.0	1.3	4.0
	-80PDS-B50	8.0	8.0	1.6	5.0

PDZ (Old Type: Dv2)

	UNIT: mm	a(mm)	b	c	d
TS DS DN TM DM	-13PDZ08-EZ15	4.0	1.3	0.5	1.5
	-16PDZ12-EZ15	4.0	1.6	0.6	1.5
	-20PDZ14-EZ15	4.0	2.0	0.6	1.5
	-24PDZ16-EZ15	4.0	2.4	0.8	1.5
	-30PDZ20-EZ30	5.0	3.0	1.0	3.0
	-40PDZ24-EZ30	5.0	4.0	1.0	3.0
	-50PDZ35-EZ40	5.0	5.0	1.3	3.0

GDV (Old Type: Dv1)

		a(mm)	b	c	d
TS DS DN TM DM	-10GDV07-EZ10	3.0	1.0	0.4	1.5
	-13GDV08-EZ15	4.0	1.3	0.5	2.0
	-16GDV10-EZ15	4.0	1.6	0.6	2.0
	-20GDV14-EZ15	4.0	2.0	0.8	2.0
	-24GDV14-EZ15	4.0	2.4	0.8	2.0
	-30GDV17-EZ30	5.0	3.0	1.0	3.0
	-40GDV17-EZ30	5.0	4.0	1.0	3.0
	-50GDV17-EZ40	5.0	5.0	1.0	4.0
-60GDV23-EZ40	6.0	6.0	1.3	4.0	

PCZ (Old Type: PCV2)

		a(mm)	b	c	d
TS DS DN TM DM	-20PCZ10-BZ	4.0	2.0		
	-24PCZ12-BZ	4.0	2.4		
	-30PCZ14-BZ	5.0	3.0		
	-40PCZ16-BZ	5.0	4.0		
	-50PCZ24-BZ	5.0	5.0		

GAV (Old Type: BCV1)

		a(mm)	b	c	d
TS DS DN TM	-20GAV14-EZ15	4.0	2.0	0.6	2.0
	-24GAV17-EZ20	4.0	2.4	0.8	2.0
	-30GAV21-EZ30	5.0	3.0	1.0	3.0
	-40GAV28-EZ30	5.0	4.0	1.0	3.0

拖焊烙铁头 Slide Soldering Cartridge

RDD, LDD (Old Type: R, L)

		a(mm)	b	c	d
TS DS DN TM DM	-20RDD-B20	6.0	3.4	2.0	6.0
	-20LDD-E20	6.0	3.4	2.0	6.0
	-24RDD-B20	6.0	4.0	2.4	6.0
	-24LDD-B20	6.0	4.0	2.4	6.0
	-30RDD-B20	6.0	4.5	3.0	6.4
	-30LDD-B20	6.0	4.5	3.0	6.4
	-40RDD-B20	6.0	5.5	4.0	7.0
	-40LDD-B20	6.0	5.5	4.0	7.0
	-50RDD-B20	6.0	6.0	5.0	8.0
	-50LDD-B20	6.0	6.0	5.0	8.0

KAA (Old Type: FPR)

		a(mm)	b	c	d
TS DS DN TM DM	-16KAA45-B	6.0	3.4	1.6	-
	-20KAA45-B	6.0	3.4	2.0	-
	-24KAA45-B	6.0	4.0	2.4	-
	-30KAA45-B	6.0	4.5	3.0	-
	-40KAA45-B	6.0	5.5	4.0	-
	-50KAAAS-A	6.0	6.0	5.0	-

For UP Soldering

PAH (Old Type: UP)

		a(mm)	b	c	d
TS DS DN	14PAH08-F-AZ	1.4	0.8	1.6	7.5
	20PAH13-F-AZ	2.0	1.3	2.5	9.0
	26PAH18-F-AZ	2.6	1.8	2.5	10.9
	32PAH22-F-AZ	3.2	2.2	3.0	10.9
	40PAH30-F-AZ	4.0	3.0	3.0	13.5

PSW (Old Type: UPL)

		a(mm)	b	c	d
TS DS DN	16PSW08-F-AZ	1.6	0.8	2.5	3.0
	22PSW11-F-AZ	2.2	1.1	2.5	4.0
	30PSW15-F-AZ	3.0	1.5	3.0	4.0

储热式烙铁头 Heat Storage Iron Tip

PAD (Old Type: B-D-2)

UNIT: mm		a(mm)	b	c	d
TB SB MB DB	-16PAD-B20	7.0	1.6	0.3	1.0
	-20PAD-B20	7.0	2.0	0.7	2.0
	-24PAD08-B20	7.0	2.4	0.8	2.0
	-30PAD-B30	8.0	3.0	1.0	3.0
	-40PAD-B30	8.0	4.0	1.0	3.0
	-50PAD-B30	8.0	5.0	1.0	3.0

GDV (Old Type: B-DV1-2)

UNIT: mm		a(mm)	b	c	d
TB SB MB DB	B-16DV1-2	7.0	1.6	0.5	2.5
	B-20DV1-2	7.0	2.0	0.6	3.0
	B-24DV1-2	7.0	2.4	0.8	3.0
	B-30DV1-2	8.0	3.0	1.0	3.0
	B-40DV1-2	8.0	4.0	1.0	4.0
	B-50DV1-2	8.0	5.0	1.2	4.0

PCA (Old Type: B-PC)

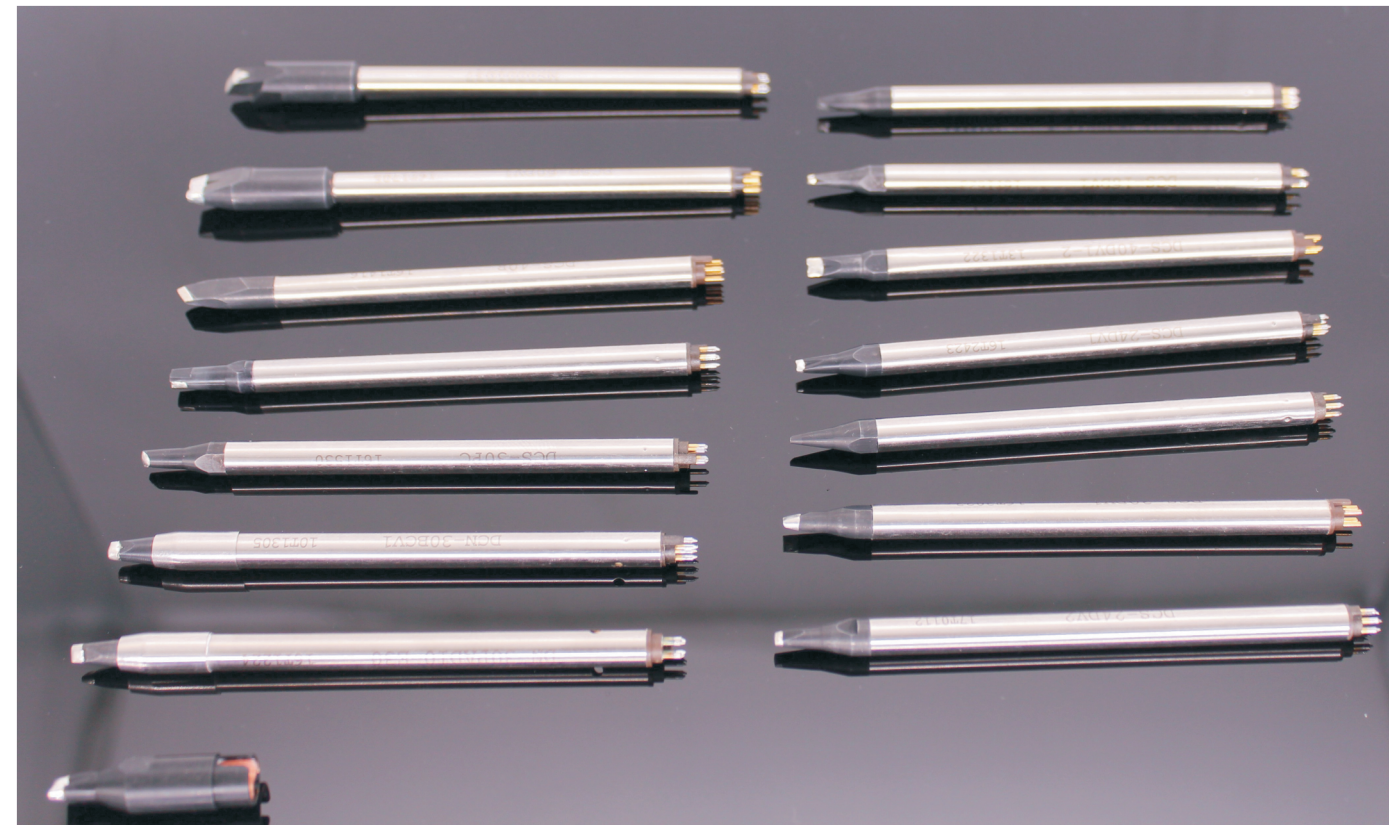
		a(mm)	b	c	d
TB SB MB DB	B-24PC	8.0	2.4		3.0
	B-30PC	8.0	3.0		3.0
	B-40PC	8.0	4.0		4.0

RDD (Old Type: B-R)

		a(mm)	b	c	d
TB SB MB DB	B-30R	8.0	3.0	0.6	1.5
	B-40R	8.0	4.0	0.9	2.0
	B-50R	8.0	5.0	1.3	2.5

KAA (Old Type: B-FPR)

		a(mm)	b	c	d
TB SB MB DB	B-16FPR	8.0	3.4	1.6	4.0
	B-24FPR	8.0	4.0	2.4	4.0
	B-30FPR	8.0	4.5	3.0	4.0
	B-40FPR	8.0	5.5	4.0	4.0



优尼烙铁头 Japan Unix Replacement Tip

Soldering Robot Tip.Standard Cross Bit(For 200W Heater)

型号 Model	A	B (mm)	C (mm)	D (mm)	E (mm)
P2D-N	1	0.5	2	8	1
P3D-N	1.5	0.5	3	10	1
P4D-N	2.5	1	4	12	2

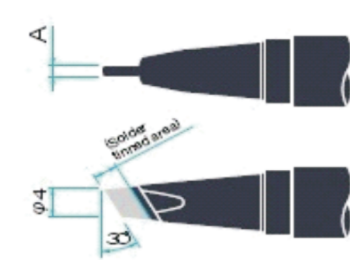
型号 Model	A	B(mm)	C(mm)	D(mm)
P2D-S	2	0.5	8	2
P25D-S	2.5	0.8	9	2
P3D-S	3	1	10	2
P4D-S	4	1	13	2
P5D-S	5	1	15	3
P6D-S	6	1.1	18.5	3

型号 Model	A	B(mm)	C(mm)
P2D-R	2	1	2
P25D-R	2.5	1.1	2
P3D-R	3	1.2	2
P4D-R	4	1.5	3
P5D-R	5	1.5	3
P6D-R	6	2	3

型号 Model	A	B(mm)	C(mm)	D(mm)
P12DVAP	2	1.2	1.5	3
P13DVAP	3	2.2	1.5	3
P16DVAP	6	3.5	2	4

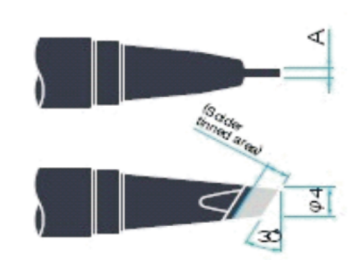
型号 Model	A(mm)
P120BCPC	2
P125BCPC	2.5
P130BCPC	3

Solder tinned area: on 30 degree section and one side (3mm from edge)



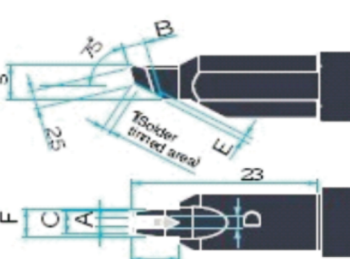
型号 Model	A(mm)
P10DCN-R	1
P15DCN-R	1.5

Solder tinned area: on 30 degree section and one side (3mm from edge)

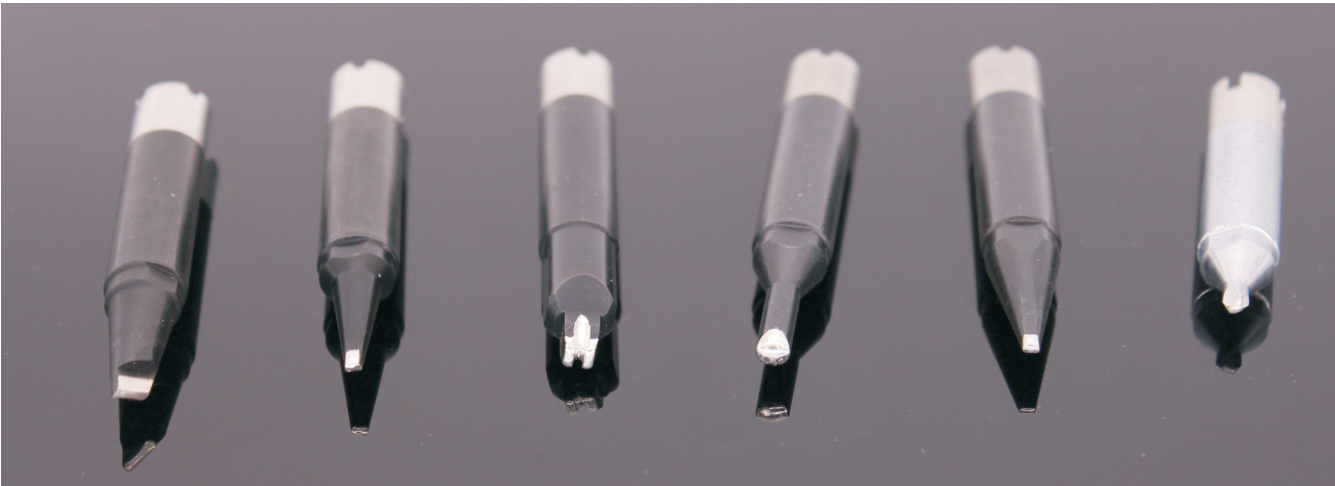


型号 Model	A(mm)
P10DCN-L	1
P15DCN-L	1.5

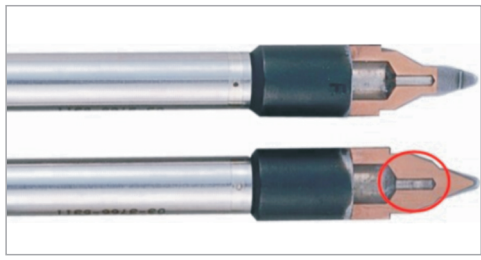
Solder tinned area: on bottom and in slot



型号 Model	A	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
P6V08-18	0.8	1.8	2	1.4	0.8	3.2
P1V08-18	0.8	1.8	2.8	1.4	0.7	4
P1V10-20	1	2	3	1.4	0.8	4
P1V10-23	1	2.3	3	1.6	0.8	4
P1V12-23	1.2	2.3	3.2	1.8	0.9	4
P1V12-28	1.2	2.8	3.2	1.8	0.9	4



速米烙铁头 Tsutsumi Replacement Tip



- 温度感应传感器深入烙铁头最前端，不但能精确快速反应焊接的温度，减少焊接时的温降，且能增加烙铁寿命
- 加热器功率达70~100 watts
- 比市面上任何烙铁头具备更多的热含量，能更有效提供焊接点所需的热量。
- 快速更换烙铁头夹头设计，非但可以快速更换烙铁头，同时避免更换烙铁头产生的位置偏差
- 独特的温控设计不但能减少温度过高，且具强迫加热功能，使用较低温度即可达到焊接效果



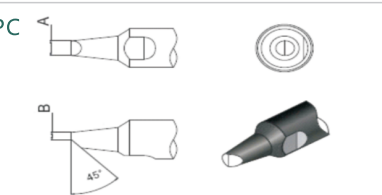
- The temperature transducer goes deep into the edge of the soldering tip, it detects the temperature of solder joints quickly, reduce the temperature drop during soldering; and can increase the life of solder tips.
- Heater power up to 70 ~ 100 watts
- It has more thermal content than any other soldering tips in the market, supplies sufficient quantity of heat for soldering.
- The quick change type soldering tip chuck design avoids position deviation while change the tip.
- The unique temperature management design is able to reduce overheat and has forced heating function, thus soldering with lower temperature becomes feasible.

快克烙铁头 Quick Soldering Robot Tip: 910 / 911 / 911B / 911G

焊锡机专用 Soldering Robot Tip 910/911/911B/911G

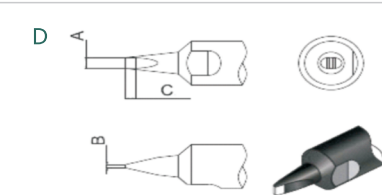


PC



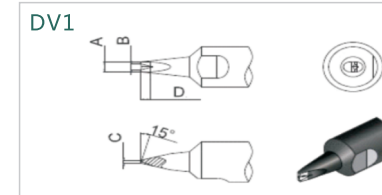
	A	B
- 10PC	φ 1.0	0.5
- 13PC	φ 1.3	0.65
- 16PC	φ 1.6	0.8
- 20PC	φ 2.0	1
- 24PC	φ 2.4	1.2
- 30PC	φ 3.0	1.5
- 40PC	φ 4.0	2

D



	A	B	C
- 16D	φ 1.6	0.6	1.5
- 20D	φ 2.0	0.8	1.5
- 24D	φ 2.4	0.8	1.5
- 30D	φ 3.0	1	2
- 40D	φ 4.0	1.2	2.5

DV1



	A	B	C	D
- 16DV1	φ 1.6	1	0.6	1.5
- 20DV1	φ 2.0	1.2	0.8	1.5
- 24DV1	φ 2.4	1.4	0.8	1.5
- 30DV1	φ 3.0	1.6	1	2
- 40DV1	φ 4.0	2	1.2	2.5

N



	A	B	C	H
- 22N08H18	2.2	0.8	3.2	1.8
- 28N08H15	2.8	0.8	3.6	1.5
- 30N10H20	3.0	1	4	2
- 32N12H23	3.2	1.2	4	2.3
- 32N12H28	3.2	1.2	4	2.8

DV2

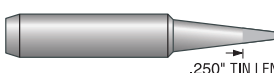
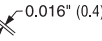
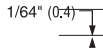


	A	B	C	D
- 16DV2	φ 1.6	1	0.6	1.5
- 20DV2	φ 2.0	1.2	0.8	1.5
- 24DV2	φ 2.4	1.4	0.8	1.5
- 30DV2	φ 3.0	2.2	1	2
- 40DV2	φ 4.0	3	1.2	2.5

HAKKO

900M T18

()=mm

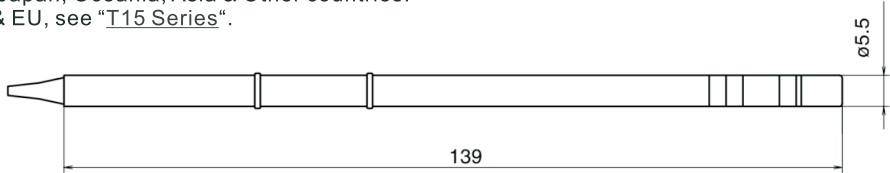
Model	Tip drawings are actual size.		
POINT / CONICAL TIPS			
T18-SB 900M-T-SB		.008" (0.2) 	
T18-BL 900M-T-LB		1/64" (0.4) 	
T18-I 900M-T-I		.016" (0.41) 	
T18-B 900M-T-B	 .250" TIN LENGTH	.040" (1.0) 	
T18-BR02 900M-T-0.2RB		0.016" (0.4) 	
T18-S5 900M-T-S5		1/64" (0.4) 	
SCREWDRIVER / CHISEL TIPS			
T18-D08 900M-T-0.8D		1/32" (0.8) 	(0.5) 
T18-D12 900M-T-1.2D		3/64" (1.2) 	
T18-D16 900M-T-1.6D		1/16" (1.6) 	
T18-D24 900M-T-2.4D		3/32" (2.4) 	
T18-D32 900M-T-3.2D		1/8" (3.2) 	

()=mm

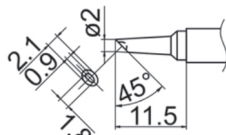
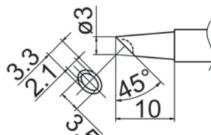
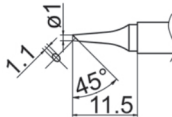
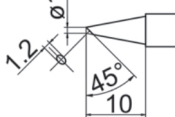
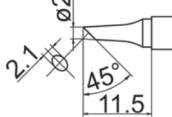
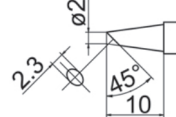
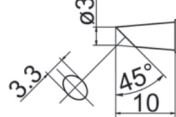
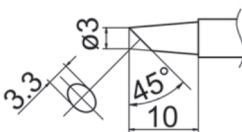
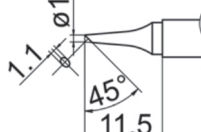
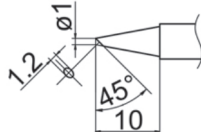
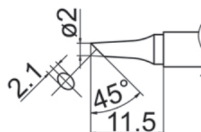
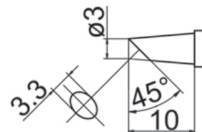
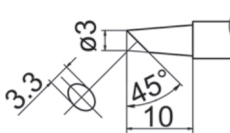
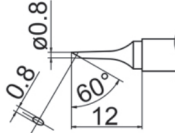
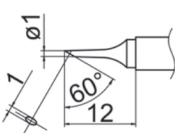
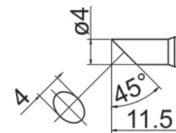
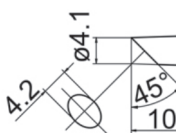
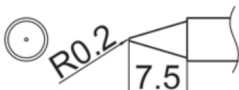
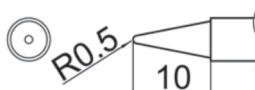
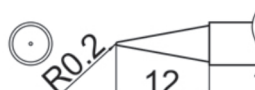
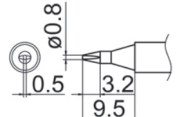
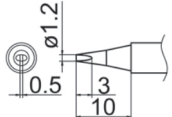
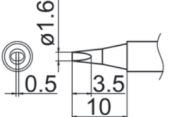
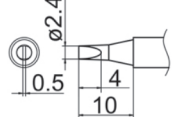
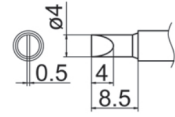
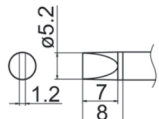
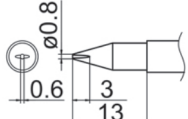
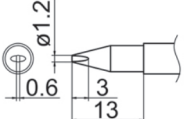
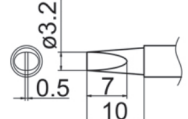
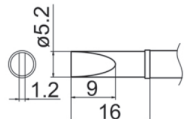
Model	Tip drawings are actual size.	
T18-S3 900M-T-S3		13/64" (5.2) .040" (1.0)
900M-T-H		30° 1/16" (1.6) 9/64" (3.5)
BLADE / KNIFE TIPS		
T18-K 900M-T-K		.2" (5.08) 1/4" (6.3) (0.1)
BEVEL TIPS		
T18-C1 900M-T-1C		3/64" (1.2)
T18-C2 900M-T-2C		5/64" (2.0)
T18-C3 900M-T-3C		1/8" (3.0)
T18-C4 900M-T-4C		5/32" (4.0)
FLOW TIPS		
		.128" (3.3) .118" (3.0)
		.195" (5.0) .135" (3.4)

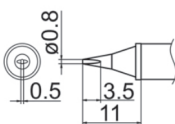
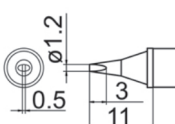
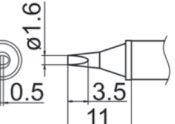
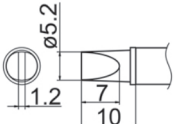
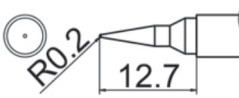
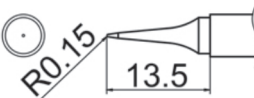
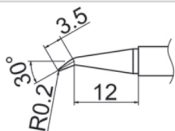
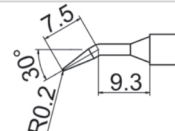
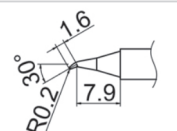
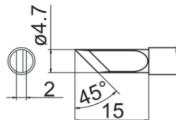
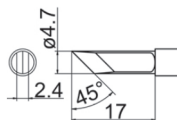
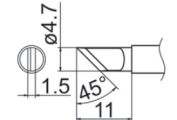
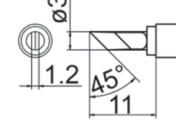
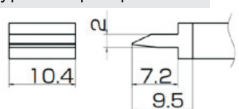
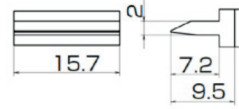
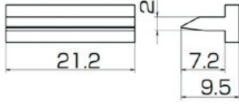
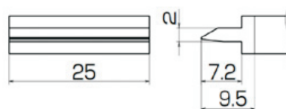
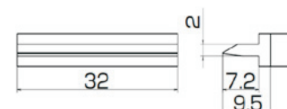
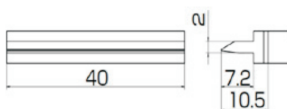
T12 Series Soldering Tips

T12 Series is available in Japan, Oceania, Asia & Other countries.
In case of North America & EU, see "T15 Series".

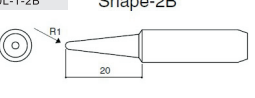
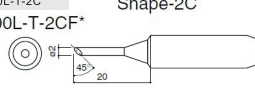
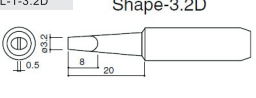
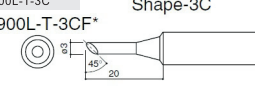
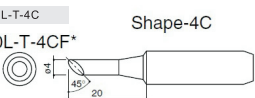
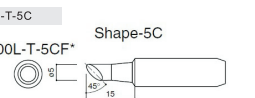
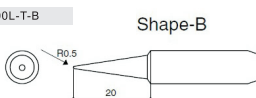
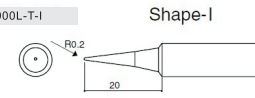
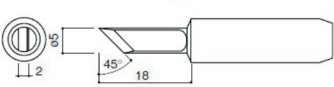
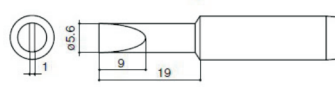
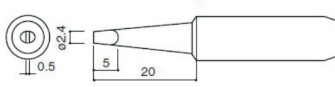


Applicable Hand Piece: FM-2027, FM-2028, FX-9501

Shape BCM/CM				
				
T12-BCM2 Shape-2BC Bevel with indent		T12-BCM3 Shape-3BC Bevel with indent		
Shape BC/C				
				
T12-BC1 Shape-1BC	T12-BC1Z Shape-1BC(Z) * Long Life Type	T12-BC2 Shape-2BC	T12-BC2Z Shape-2BC(Z) * Long Life Type	T12-BC3 Shape-3BC
				
T12-BC3Z Shape-3BC(Z) * Long Life Type	T12-BCF1 Shape-1BC Tinned cut surface only	T12-BCF1Z Shape-1BC(Z) * Long Life Type Tinned cut surface only	T12-BCF2 Shape-2BC Tinned cut surface only	T12-BCF3 Shape-3BC Tinned cut surface only
				
T12-BCF3Z Shape-3BC(Z) * Long Life Type Tinned cut surface only	T12-C08 Shape-0.8C For narrow pitch with tall chips around.	T12-C1 Shape-1C	T12-C4 Shape-4C	T12-CF4 Shape-4C Tinned cut surface only
Shape B				
				
T12-B Shape-B	T12-B2 Shape-0.5B	T12-BL Shape-BL	T12-WB2 Shape-0.5WB * Heavy Duty Type	
Shape D				
				
T12-D08 Shape-0.8D	T12-D12 Shape-1.2D	T12-D16 Shape-1.6D	T12-D24 Shape-2.4D	T12-D4 Shape-4D
				
T12-D52 Shape-5.2D	T12-DL08 Shape-0.8DL	T12-DL12 Shape-1.2DL	T12-DL32 Shape-3.2DL	T12-DL52 Shape-5.2DL

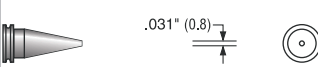
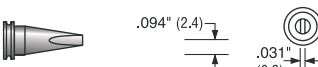
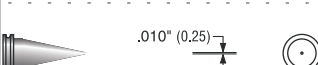
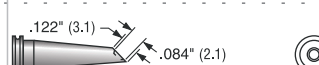
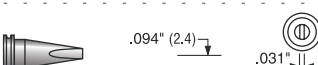
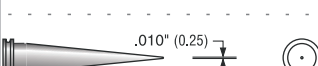
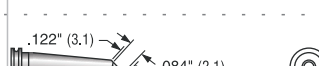
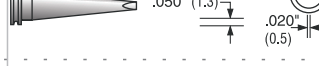
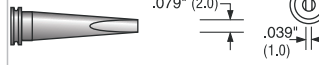
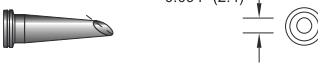
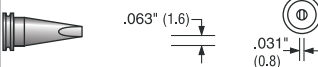
Shape D				
				
T12-WD08 Shape-0.8WD * Heavy Duty Type	T12-WD12 Shape-1.2WD * Heavy Duty Type	T12-WD16 Shape-1.6WD * Heavy Duty Type	T12-WD52 Shape-5.2WD * Heavy Duty Type	
Shape I				
				
T12-I Shape-I	T12-IL Shape-IL	T12-ILS Shape-ILS	T12-WI Shape-WI * Heavy Duty Type	
Shape J				
This type differs 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.				
				
T12-J02 Shape-0.2J	T12-JL02 Shape-0.2JL	T12-JS02 Shape-0.2JS		
Shape K				
				
T12-K Shape-K	T12-KF Shape-KF	T12-KL Shape-KL For drag soldering for left-handed.	T12-KR Shape-KR For drag soldering for right-handed.	T12-KU Shape-KU
SMD Type: Shape Spatula				
				
T12-1401 Spatula Size 10.4	T12-1402 Spatula Size 15.7	T12-1403 Spatula Size 21.2		
				
T12-1404 Spatula Size 25	T12-1405 Spatula Size 32	T12-1406 Spatula Size 40		

900L

			
900L-T-2B Shape-2B	900L-T-2C Shape-2C	900L-T-3.2D Shape-3.2D	900L-T-3C Shape-3C
			
900L-T-4C Shape-4C	900L-T-5C Shape-5C	900L-T-B Shape-B	900L-T-I Shape-I
			
900L-T-K Shape-K	900L-T-S1 Shape-S1	900L-T-2.4D Shape-2.4D	

LT

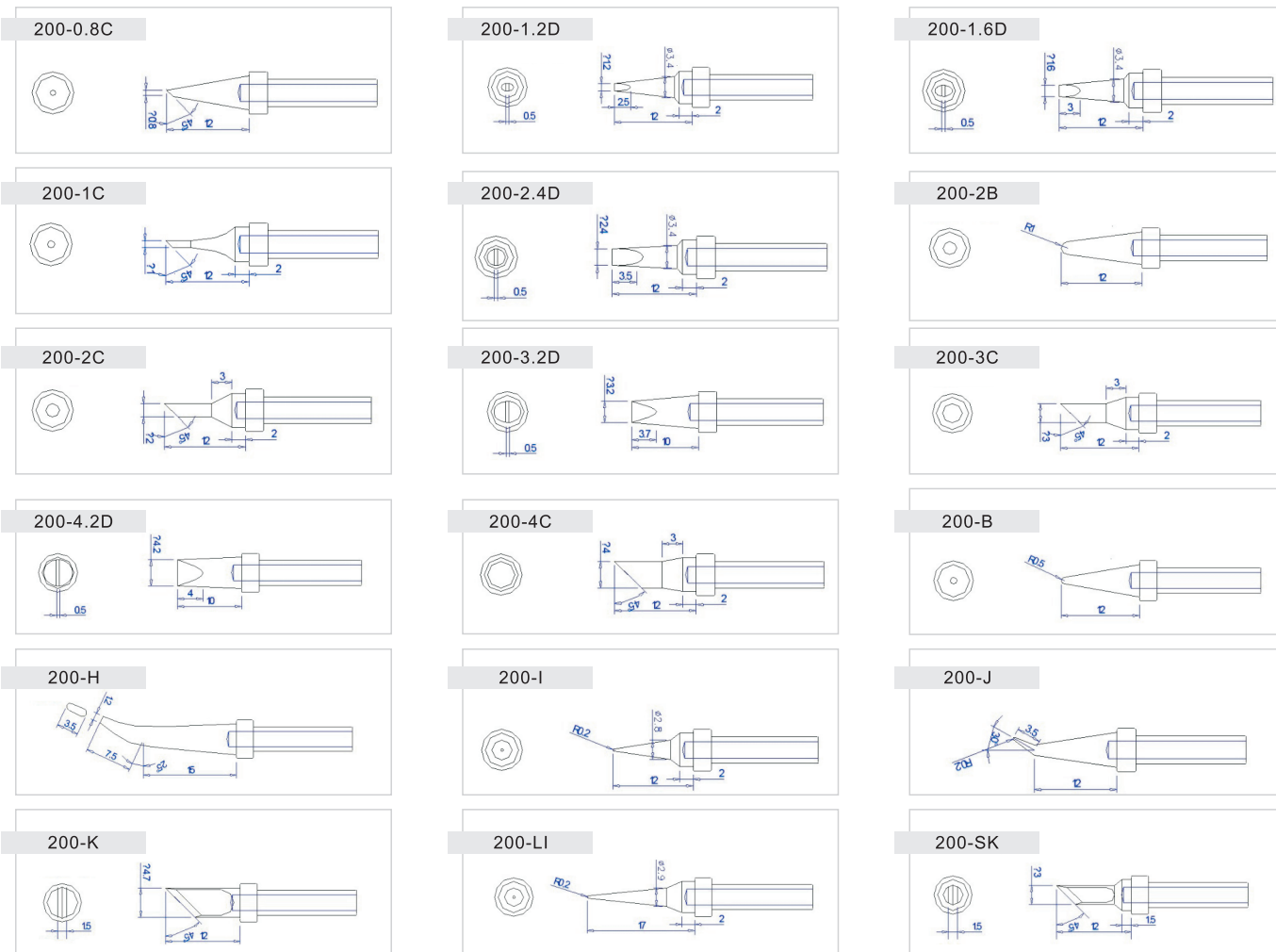
- Longer Life
- Designed for lead-free soldering
- Look for tips with an LF added to the end of the part number

Model	Tip drawings are actual size.	Model	Tip drawings are actual size.	Model	Tip drawings are actual size.
MS-4140		LTD LF MS-3600 LF		LTB MS-3300	
LT1 MS-4120		LTGW MS-0100		LTB LF MS-3300 LF	
LT1L MS-4110		LTGW LF MS-0100 LF		LTC MS-3400	
LT1LX MS-4101		LTH MS-3110		LTC LF MS-3400 LF	
LT1S MS-4100		LTHX MS-3101		LTD MS-3600	
LT4W MS-5160		LTK MS-3150		LTO LF MS-4200 LF	
LT4X MS-3125		LTL MS-3250		LTBB LF MS-5300 LF	
LTA MS-3200		LTM MS-3450		LTCC LF MS-5400 LF	
LTA LF MS-3200 LF		LTS MS-4130		LTKN LF MS-0201-LF	

ET

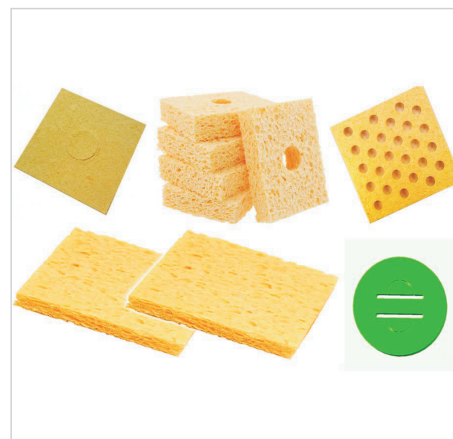
Model	Tip drawings are actual size.	Model	Tip drawings are actual size.	Model	Tip drawings are actual size.
POINT / CONICAL TIPS		BEVEL TIPS		FLOW TIPS	
ETK		ETV		ETGW	
ETR		ETA			
ETS		ETL			
ETT		ETB			
ETP		ETC			
ETO		ETD			
ETH		ETE			

QUICK



海绵 Solder Sponge

The solder sponge can be made to any size & design.



烙铁清洁球 Tip cleaner

Brass wire, available in 20g/26g



Brass wire with metal container



Brass tip cleaner with iron holder

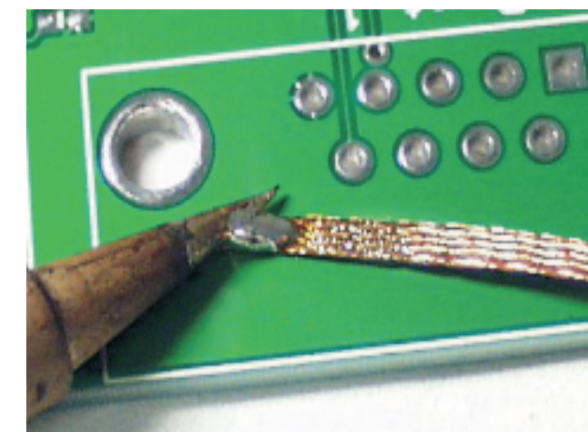


Brass tip cleaner w/o iron holder



吸锡线 Solder Wick

Solder Wick width: 1.5mm, 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm
Length: 1.5m/roll



The end of a length of braid is placed over the soldered connections of a component being removed. The connections are heated with a soldering iron until the solder melts and is wicked into the braid by capillary action. The braid is removed while the solder is still molten, its used section cut off and discarded when cool. Short lengths of cut braid will prevent heat being carried away by the braid instead of heating the joint.