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we provide tools to help you make things better, make the world better!

Product Catalog 2022

Contact us

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Why ATETOOL?

1

Close-loop Technology

Patented close-loop automatic constant temperature control technology to ensure high stability, excellent performance and precise accuracy.

2

PID Technology

Built-in PID system to ensure high stability, excellent performance and precise soldering accuracy.

3

Power Response Technology

Sufficient power and wide temperature range to meet your soldering project needs.

4

Fast Compensation Technology

Precise temperature calibration and fast temperature compensation available, it helps to correct temperature fast and accurately after replacing heaters or whenever there's temperature deviation

5

Integrated active tip

High performance plug-and-play integrated active tip with PCT ceramic heating element. Convenient to change tips.

Soldering Iron



AE 680

Features

- 80W to enable fast heating up.
- High performance plug-and-play integrated active tip, can reach melting point within 9 seconds.
- Patented close-loop automatic constant temperature control technology.
- Precise temperature calibration and fast temperature compensation available.
- Silicone handle sleeve for high temperature resistance.

Accessories



T60-B

Plug



US



EU



UK

Specification

Item No.	AE 680
Power	80W
Input voltage	110VAC/230VAC
Temperature range	200-500°C(392-932°F)
Heating element	T60 series integrated active heater
Power cord length	1.5m
Net weight	170g
Temperature stability	±2°C/±4°F (when temp. > 200°C/400°F)
Tip to ground resistance	<0.1Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Soldering iron, 1x User manual

Soldering Iron



AE 680D

Accessories



T60-B

Plug



US



EU



UK

Specification

Item No.	AE 680D
Power	80W
Input voltage	110VAC/230VAC
Temperature range	100-500°C(212-932°F)
Digital display	0.96 inch OLED
Heating element	T60 series integrated active heater
Power cord length	0.65m
Handle cable length	1.25m
Net weight	190g
Temperature stability	±2°C/±4°F (when temp. > 200°C/400°F)
Tip to ground resistance	<0.1Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Soldering iron, 1x Control main unit 1x Magnetic base, 1x User manual

Features

- OLED display for easy and clear menu operation.
- °C/°F conversion to suit different using habbit.
- Auto standby & sleep function to ensure property safety and extend tip service life.
- Temperature lock function to prevent from adjusting temperature improperly.
- High performance plug and play integrated active tip, can reach melting point within 9 seconds.
- Precise temperature calibration and fast temperature compensation available.

Soldering Iron



AE 540

Features

- 40W to enable fast heating up.
- Ceramic heater provides high performance and long service life.
- Patented close-loop automatic constant temperature control technology.
- 350°C, 400°C, 450°C for choice.
- Precise temperature calibration and fast temperature compensation available.

Accessories



Heating element

Plug



US



EU



UK

Specification

Item No.	AE 540
Power	40W
Input voltage	110VAC/230VAC
Temperature range	350°C(662°F)/ 400°C(752°F)/ 450°C(842°F)
Heating element	two-core PTC heating element
Power cord length	1.5m
Net weight	90g
Temperature stability	±5°C/±9°F(when temp. >200°C/400°F)
Warranty	12 months
Packing list	1x Soldering iron 1x User manual

Soldering Iron



AE 560W

Features

- 60W to enable fast heating up.
- Ceramic heater provides high performance and long service life.
- Patented close-loop automatic constant temperature control technology.
- Slim and light-weight handle suitable for all kinds of soldering process.
- Precise temperature calibration and fast temperature compensation available.

Accessories



Heating element

Plug



US



EU



UK

Specification

Item No.	AE 560W
Power	60W
Input voltage	110VAC/230VAC
Temperature range	200-500°C(392-932°F)
Heating element	two-core PTC heating element
Power cord length	0.5m
Handle cable length	1.2m
Net weight	174g
Temperature stability	±5°C/±9°F (when temp. > 200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Soldering iron 1x User manual

Soldering Station



AE 689A

Features

- Auto standby & sleep function to ensure property safety and extend tip service life.
- Temperature lock function to prevent from adjusting temperature improperly.
- Silicone handle sleeve for high temperature resistance.
- Built-in PID system to ensure high stability, excellent performance and precise accuracy.
- Precise temperature calibration and fast temperature compensation available.

Accessories



AH 814



AH 806



US



EU



UK

Plug

Specification

Item No.	AE 689A
Power	60W
Input voltage	110VAC/230VAC
Temperature range	100-500°C(212-932°F)
Heating element	two-core PTC heating element
Soldering tip	900M-T series tip
Power cord length	1.2m
Handle cable length	1.2m
Net weight	560g
Temperature stability	±2°C/±4°F (when temp. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Tin wire frame, 1x User manual, 1x Sponge OR, 1x brass wool

Soldering Station



Features

- 60W to enable fast heating up.
- Built-in PID system to ensure high stability, excellent performance and precise accuracy.
- Auto standby & sleep function to ensure property safety and extend tip service life.
- Temperature lock function to prevent from adjusting temperature improperly.

AE 689C

Accessories



AH 814



AH 806

Plug



US



EU



UK

Specification

Item No.	AE 689C
Power	60W
Input voltage	110VAC/230VAC
Temperature range	100-500°C(212-932°F)
Heating element	two-core PTC heating element
Soldering tip	900M-T series tip
Power cord length	1.2m
Handle cable length	1.2m
Net weight	660g
Temperature stability	±2°C/±4°F (when temp. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Tin wire frame, 1x User manual, 1x Sponge

Soldering Station



AE 988

Features

- 70W ceramic heater to enable fast heating up.
- High temp resistant, bent-proof handle cable for safe soldering.
- Patented close-loop automatic constant temperature control technology.
- Precise temperature calibration and fast temperature compensation available.
- Silicone handle sleeve for high temperature resistance.

Accessories



AH 815



AH 803



AH 816



AH 808

Specification

Item No.	AE 988
Power	70W
Input voltage	110VAC/230VAC
Temperature range	200-480°C(392-896°F)
Heating element	two-core PTC heating element
Soldering tip	900M-T series tip
Product dimension	148x120x85mm
Handle cable length	1.2m
Main unit net weight	1.32kg
Handle net weight	79kg
Temperature stability	±2°C/±4°F (when tempe. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Iron stand, 1x User manual, 1x Brass wool

Soldering Station



AE 988D

Features

- Built-in PID system to ensure high stability, excellent performance and precise accuracy.
- Auto standby & sleep function to ensure property safety and extend tip service life.
- Temperature lock function to prevent from adjusting temperature improperly.
- Silicone handle sleeve for high temperature resistance.
- Temperature calibration.

Accessories



AH 201



AH 803



AH 817



AH 808

Specification

Item No.	AE 988D
Power	70W
Input voltage	110VAC/230VAC
Output voltage	25VAC
Temperature range	50-500°C(122-932°F)
Heating element	two-core PTC heating element
Soldering tip	900M-T series tip
Product dimension	148x120x85mm
Handle cable length	1.2m
Main unit net weight	1.33kg
Handle net weight	79kg
Temperature stability	±1°C/±1.8°F (when temp. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Iron stand, 1x User manual, 1x Brass wool

Soldering Station



AE 970

Features

- High performance plug-and-play integrated active tip, can reach melting point within 9 seconds.
- Patented close-loop automatic constant temperature control technology.
- Precise temperature calibration and fast temperature compensation available.
- High temp resistant, bent-proof handle cable for safe soldering.

Accessories



AH 810



AH 812



T80-B



AH 808

Specification

Item No.	AE 970
Power	80W
Input voltage	110VAC/230VAC
Output voltage	25VAC
Temperature range	200-480°C(392-896°F)
Heating element	T80 series integrated active heater
Soldering tip	900M-T series tip
Product dimension	148x120x85mm
Handle cable length	1m
Power cord length	1.2m
Main unit net weight	1.32kg
Handle net weight	68kg
Temperature stability	±1°C/±1.8°F(when tempe. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Iron stand, 1x User manual, 1x Brass wool

Soldering Station



AE 970D

Features

- High performance plug-and-play integrated active tip, can reach melting point within 9 seconds.
- Patented close-loop automatic constant temperature control technology.
- Auto standby & sleep function to ensure property safety and extend tip service life.
- Temperature lock function to prevent from adjusting temperature improperly.
- Built-in PID system to ensure high stability, excellent performance and precise accuracy.
- Temperature calibration.

Accessories



AH 810



AH 812



T80-B

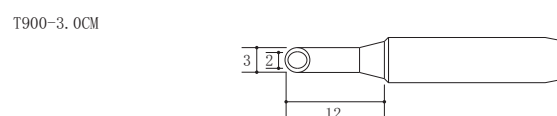
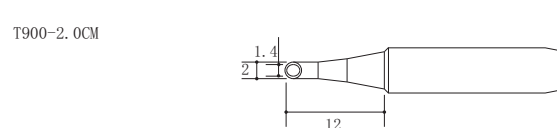
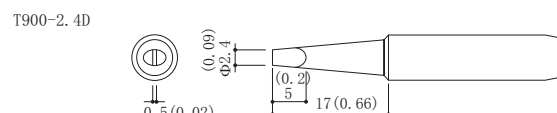
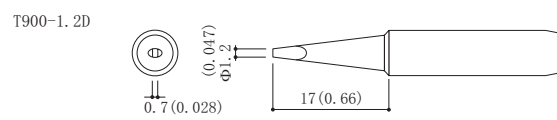
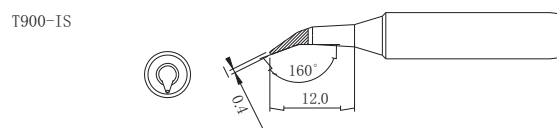
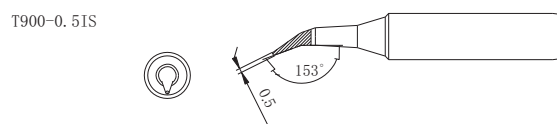
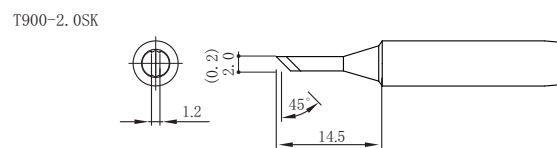
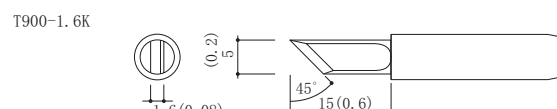
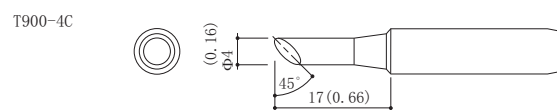
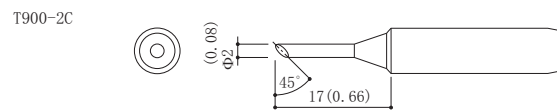
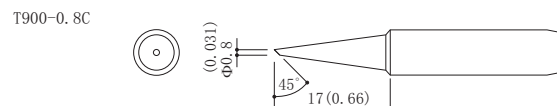
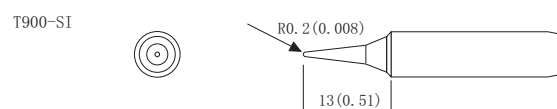
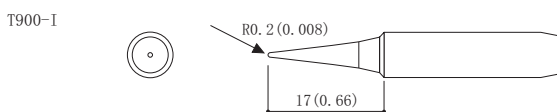
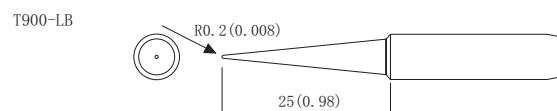
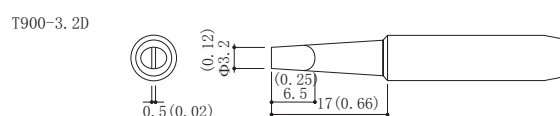
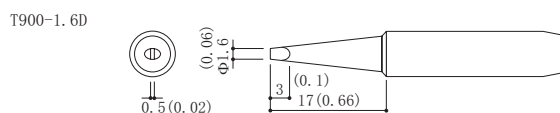
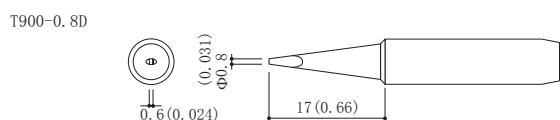
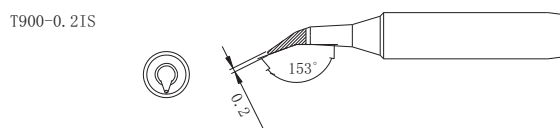
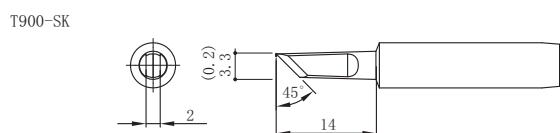
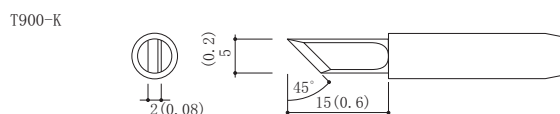
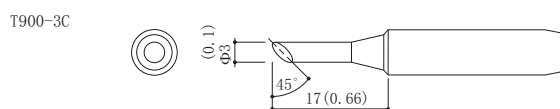
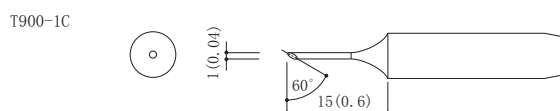
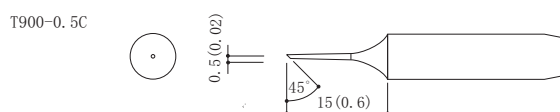
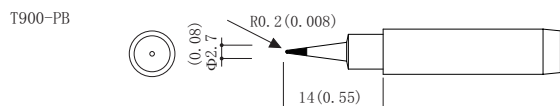
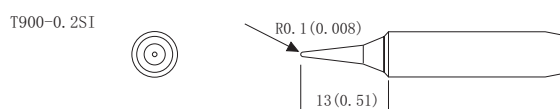
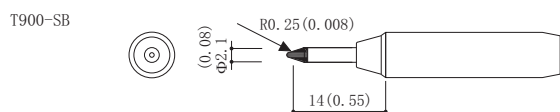
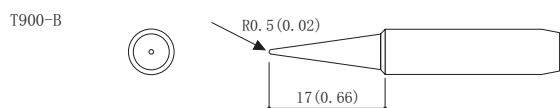


AH 808

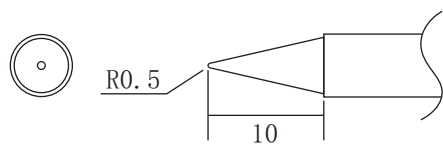
Specification

Item No.	AE 970D
Power	80W
Input voltage	110VAC/230VAC
Output voltage	25VAC
Temperature range	150-550°C(305-1022°F)
Heating element	T80 series integrated active heater
Product dimension	148x120x85mm
Handle cable length	1.2m
Main unit net weight	1.33kg
Handle net weight	68kg
Temperature stability	±1°C/±1.8°F(when temp. >200°C/400°F)
Tip to ground resistance	<2Ω
Tip to ground voltage	<2mV
Warranty	12 months
Packing list	1x Main unit, 1x Handle, 1x Iron stand, 1x User manual, 1x Brass wool

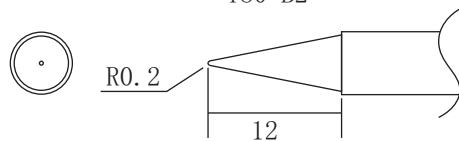
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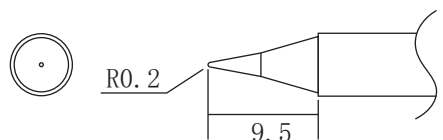
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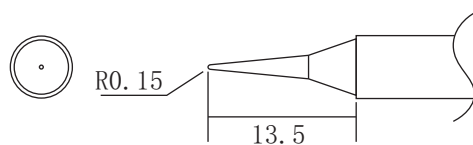
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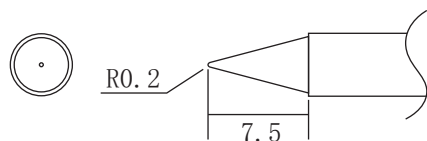
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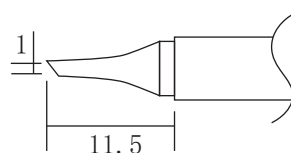
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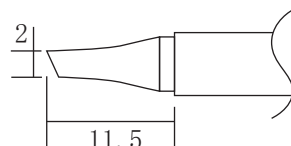
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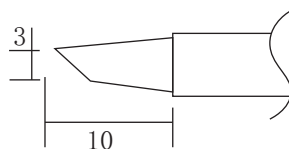
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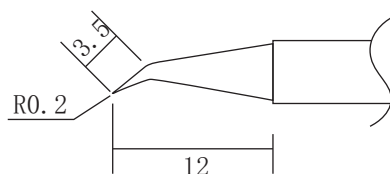
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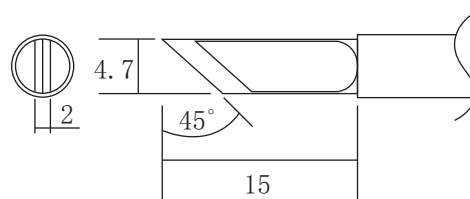
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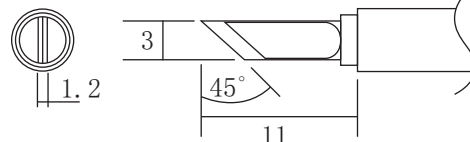
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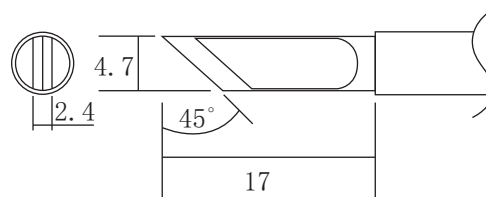
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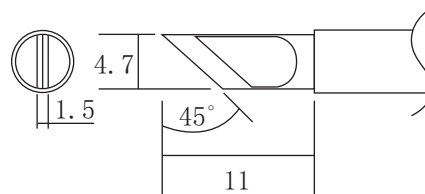
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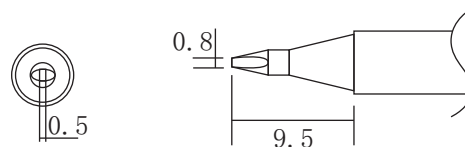
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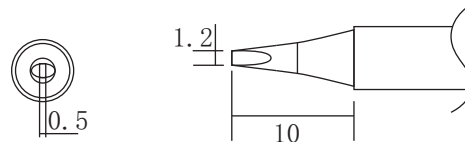
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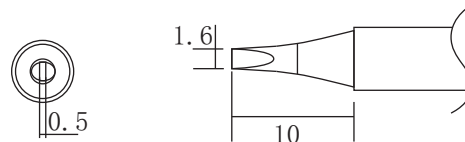
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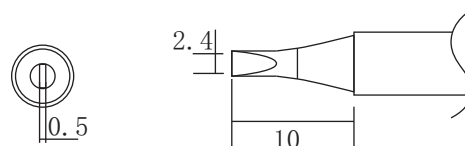
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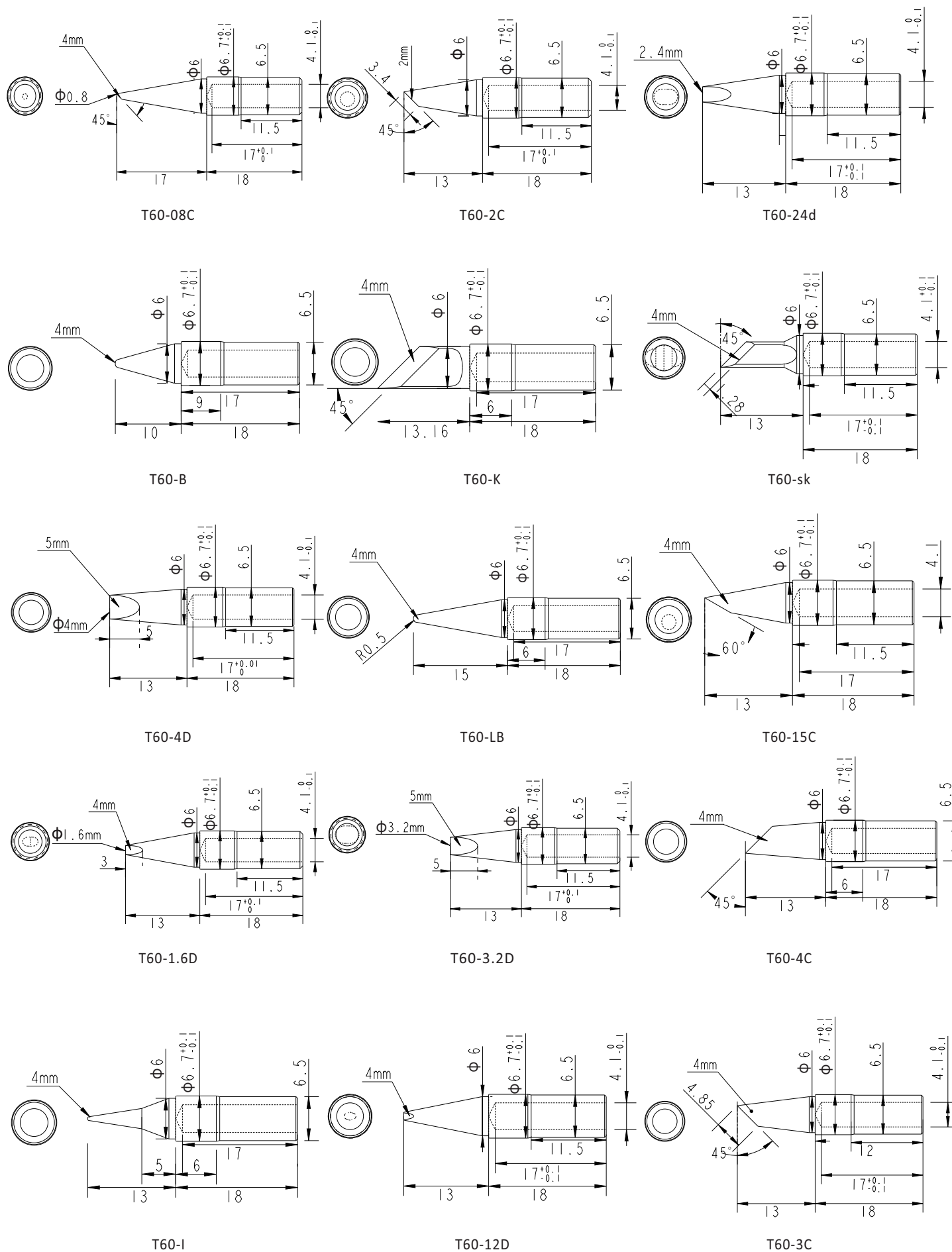


T80-D16



T80-D24

T60 Series



Environmental protection and sustainability

ATETOOL continuously strives to reduce the company's environmental impact as much as possible by using environment-friendly resources, and to reduce the amount of emission and waste. We meet or exceed all valid environmental regulations.

ATETOOL products shall be constructed in such a way that the environmental impact is minimized concerning:

- Manufacturing, with no leads
- Usage
- Disposal, as less plastic usage as possible

ATETOOL processes, workplaces and work methods shall be well planned, so our products can be manufactured with minimal environmental impact to ensure health and safety, and prevent injury.

ATETOOL is willing to contribute herself for a future worth living, for our children and for us.



Thailand Distributor / ตัวแทนจำหน่ายประเทศไทย:

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VISA

