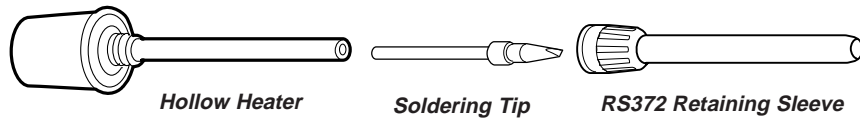


LONER General Purpose and SMD Soldering Tips

1. Hollow Heater Soldering Tools and Stations

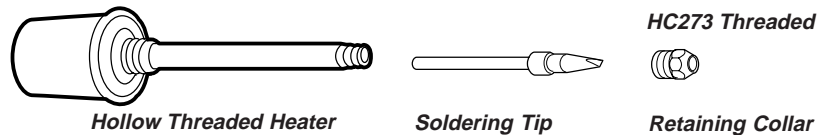
Part No.	Description
920	LONER Soldering Station with CL1180 Soldering Tool and IP329 Base
925	LONER Soldering Station with CL1180 Soldering Tool and PS536 Power Supply
930	LONER Soldering Station with CL1080 Soldering Tool and IP329 Base
935	LONER Soldering Station with CL1080 Soldering Tool and PS536 Power Supply
951	LONER Soldering Station
951DX*	LONER Deluxe Soldering Station
951SX	LONER Soldering Station
952	LONER Dual Soldering Station
952DX*	LONER Dual Deluxe Soldering Station
952HX*	LONER Dual High Performance and Standard Soldering Station
952SX	LONER Dual Soldering Station
981*	LONER Digital Soldering Station
CL1080	LONER Temperature Controlled Soldering Tool (For 930 and 935 Stations)
CL1180	LONER Temperature Controlled Soldering Tool (For 920 and 925 Stations)
CL1484	LONER Constant Temperature Soldering Tool
LST11	LONER Soldering Tool (For 900 and 902 Stations)

*International Series available



2. Hollow Threaded Heater Soldering Tools and Stations

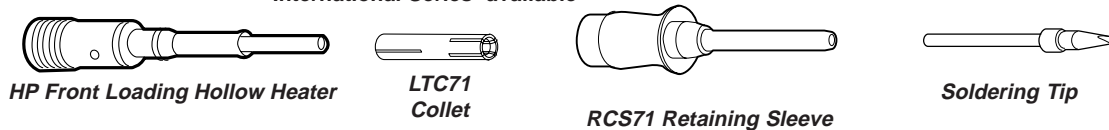
Part No.	Description
951A	LONER Soldering Station
952A	LONER Dual Soldering Station
CL1481	LONER Constant Temperature Soldering Tool
LST10	LONER Soldering Tool (For 900-10 and 902-10 Stations)



3. HP Front Loading Hollow Heater Soldering Tools and Stations

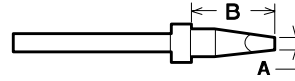
Part No.	Description
971*	LONER High Performance Temperature Controlled Soldering Station
971DX*	LONER Deluxe High Performance Temperature Controlled Soldering Station
971FX	LONER Soldering Station with Fume Extraction System
972	LONER High Performance Dual Temperature Controlled Soldering Station
972DX	LONER Deluxe High Performance Dual Temperature Controlled Soldering Station

*International Series available



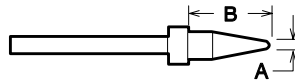
(NOTE: Loosen collar when changing tips. DO NOT remove sleeve.)

LONER General Purpose and SMD Soldering Tips*



LONER Spade Tips

Part No.	Graphic (actual size)	Width A	Length B
LT371		.03" (0.8 mm)	.55" (14.0 mm)
LT375		.06" (1.5 mm)	.48" (12.2 mm)
LT376		.12" (3.0 mm)	.48" (12.2 mm)
LT394		.07" (1.8 mm)	.93" (23.6 mm)
LT395		.09" (2.3 mm)	.74" (18.8 mm)
LT424		.06" (1.5 mm)	.74" (18.8 mm)
LT425		.05" (1.3 mm)	.93" (23.6 mm)
LT431		.07" (1.8 mm)	.74" (18.8 mm)
LT444		.04" (1.0 mm)	.78" (19.8 mm)

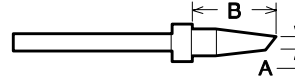


LONER Conical Tips

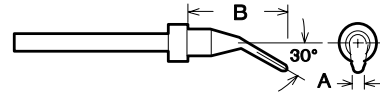
Part No.	Graphic (actual size)	Width A	Length B
LT374		.03" (0.8 mm)	.48" (12.2 mm)
LT380		.02" (0.5 mm)	.32" (8.1 mm)
LT381		.02" (0.5 mm)	.47" (11.9 mm)
LT382		.02" (0.5 mm)	.62" (15.8 mm)
LT383		.02" (0.5 mm)	.72" (18.3 mm)
LT392		.01" (0.3 mm)	1.13" (28.7 mm)
LT429		.02" (0.5 mm)	.74" (18.8 mm)
LT439		.03" (0.8 mm)	.50" (12.7 mm)
LT442		.04" (1.0 mm)	.74" (18.8 mm)
LT446		.03" (0.8 mm)	.48" (12.2 mm)
LT603		.02" (0.5 mm)	.69" (17.5 mm)

*For Hollow Heater, Hollow Threaded Heater, and HP Front Loading Hollow Heater (see page 3)

LONER General Purpose and SMD Soldering Tips*



LONER Angle Face	Part No.	Graphic (actual size)	Width A	Length B
	LT373		.09" (2.3 mm)	.59" (15.0 mm)
	LT387		.06" (1.5 mm)	.48" (12.2 mm)
	LT393		.06" (1.5 mm)	.94" (23.9 mm)
	LT398		.12" (3.0 mm)	.59" (15.0 mm)
	LT399		.16" (4.0 mm)	.59" (15.0 mm)
	LT430		.06" (1.5 mm)	.74" (18.8 mm)
	LT445		.03" (0.8mm)	.48" (12.2 mm)
	LT490		.04" (0.8 mm)	.78" (19.8 mm)



LONER Angled Spade	Part No.	Graphic (actual size)	Width A	Length B
	LT055-1		.03" (0.8 mm)	.31" (7.9 mm)
	LT394-1		.07" (1.8 mm)	.93" (23.6 mm)
	LT444-1		.04" (1.0 mm)	.78" (9.8 mm)

LONER Angled Conical	Part No.	Graphic (actual size)	Width A	Length B
	LT054-1		.02" (0.5 mm)	.31" (7.9 mm)
	LT392-1		.01" (0.3 mm)	1.13" (28.8 mm)
	LT429-1		.02" (0.5 mm)	.74" (18.8 mm)
	LT439-1		.03" (0.8 mm)	.50" (12.7 mm)
	LT602-1		.02" (0.5 mm)	.44" (11.2 mm)

LONER Nickel-Plated Angled Cup	Part No.	Graphic (actual size)	Length B
	LT771		.74" (18.8 mm) .04" (1.0 mm) i.d. .06" (1.5 mm) o.d.

*For Hollow Heater, Hollow Threaded Heater, and HP Front Loading Hollow Heater (see page 3)

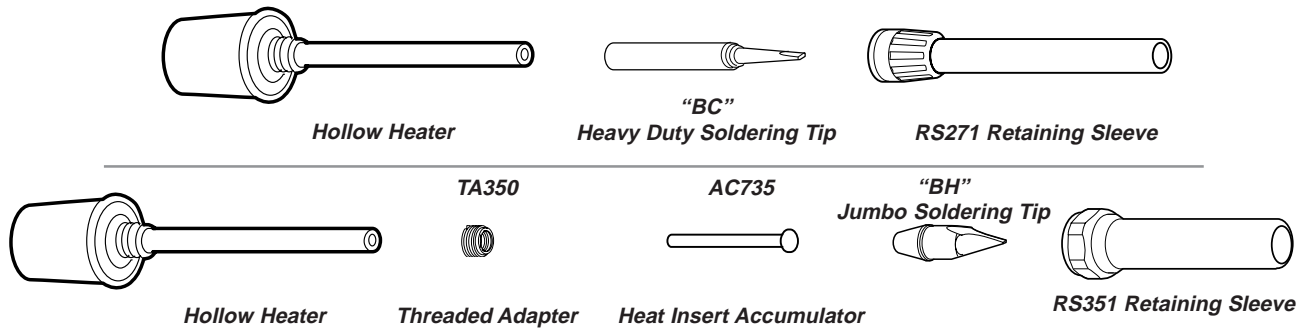


LONER Heavy Duty and Jumbo Threadless Soldering Tips

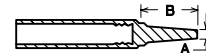
Hollow Heater Soldering Tools and Stations

Part No.	Description
920	LONER Soldering Station with CL1180 Soldering Tool and IP329 Base
925	LONER Soldering Station with CL1180 Soldering Tool and PS536 Power Supply
930	LONER Soldering Station with CL1080 Soldering Tool and IP329 Base
935	LONER Soldering Station with CL1080 Soldering Tool and PS536 Power Supply
951	LONER Soldering Station
951DX*	LONER Deluxe Soldering Station
951SX	LONER Soldering Station
952	LONER Dual Soldering Station
952DX*	LONER Dual Deluxe Soldering Station
952HX*	LONER Dual High Performance and Standard Soldering Station
952SX	LONER Dual Soldering Station
981*	LONER Digital Soldering Station
CL1080	LONER Temperature Controlled Soldering Tool (For 930 and 935 Stations)
CL1180	LONER Temperature Controlled Soldering Tool (For 920 and 925 Stations)
CL1484	LONER Constant Temperature Soldering Tool
LST11	LONER Soldering Tool (For 900 and 902 Stations)

*International Series available



LONER Heavy Duty and Jumbo Threadless Soldering Tips*



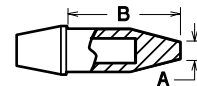
LONER Spade Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HS106BC		.18" (4.6 mm)	.45" (11.4 mm)
	LT223BC		.06" (1.5 mm)	1.21" (30.7 mm)
	LT224BC		.07" (1.8 mm)	.94" (23.9 mm)
	LT336BC		.07" (1.8 mm)	.74" (18.8 mm)
	LT337BC		.10" (2.5 mm)	.74" (18.8 mm)
	LT338BC		.13" (3.3 mm)	.74" (18.8 mm)
	LT397BC		.14" (3.3 mm)	.94" (23.9 mm)
	LT441BC		.21" (5.3 mm)	.94" (23.9 mm)
	MT145BC		.08" (2.0 mm)	.62" (15.7 mm)

LONER Conical Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP107BC		.04" (1.0 mm)	.68" (17.3 mm)
	LT222BC		.04" (1.0 mm)	1.21" (30.7 mm)

LONER Angle Face Tips	Part No.	Graphic (not to scale)	Width A	Length B
	LT339BC		.09" (2.3 mm)	.77" (19.6 mm)
	LT340BC		.12" (3.0 mm)	.77" (19.6 mm)
	LT341BC		.16" (4.0 mm)	.77" (19.6 mm)

LONER Angled Tips	Part No.	Graphic (not to scale)	Width A	Length B
	LT397BC-1		.13" (3.3 mm)	.94" (23.7 mm)

LONER SMD Knife Tip	Part No.	Graphic (not to scale)	Width A	Length B
	LT570BC		.17" (4.3 mm)	.68" (17.3 mm)



LONER Jumbo Spade & Angle Face Tips	Part No. (Nickel-Plated)	Graphic (not to scale)	Width A	Length B
	LT151BH		.06" (1.5 mm)	1.13" (28.7 mm)
	LT152BH		.32" (8.1 mm)	.89" (22.6 mm)
	LT153BH		.20" (5.1 mm)	1.15" (29.2 mm)
	Part No. (Nickel-Plated)	Graphic (not to scale)	Width A	Length B
	LT155BH		.33" (8.4 mm)	.97" (24.6 mm)

*For Hollow Heater (see page 6)

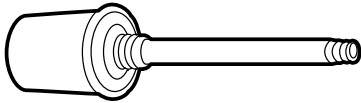
LONER Heavy Duty and Jumbo Threadless Soldering Tips



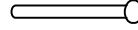
LONER Heavy Duty and Jumbo Threaded Soldering Tips

Hollow Threaded Heater Soldering Tools and Stations

Part No.	Description
951A	LONER Soldering Station
952A	LONER Dual Soldering Station
CL1481	LONER Constant Temperature Soldering Tool
LST10	LONER Soldering Tool (For 900-10 and 902-10 Stations)



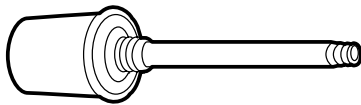
Hollow Threaded Heater



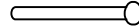
AC735
Heat Insert Accumulator



"A"
Heavy Duty Soldering Tip



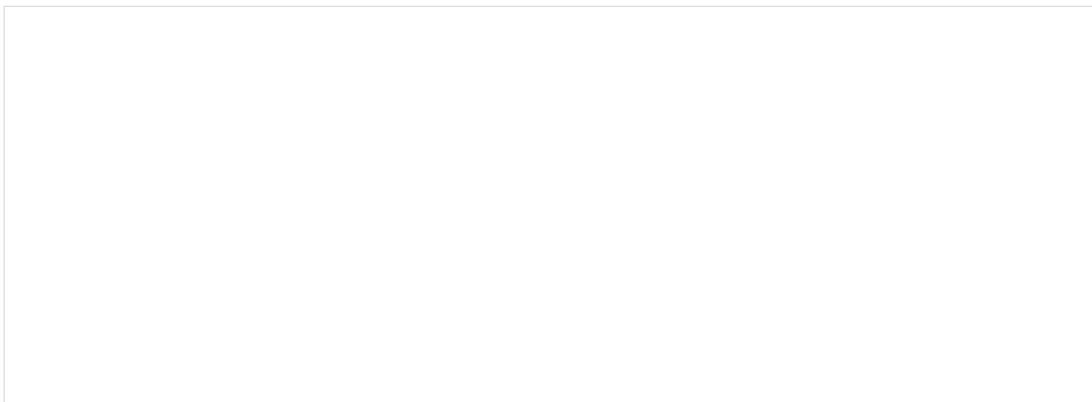
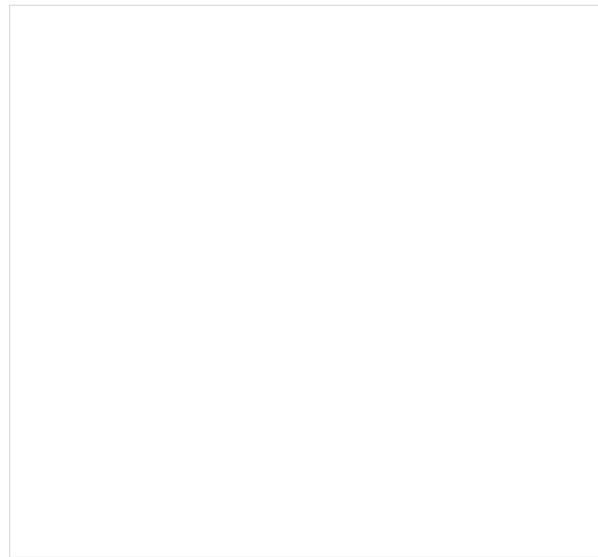
Hollow Threaded Heater



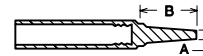
AC735
Heat Insert Accumulator



"AH"
Jumbo Soldering Tip



LONER Heavy Duty and Jumbo Threaded Soldering Tips*



LONER Spade Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HS106A		.18" (4.6 mm)	.45" (11.4 mm)
	LT223A		.06" (1.5 mm)	1.21" (30.7 mm)
	LT224A		.07" (1.8 mm)	.94" (23.9 mm)
	LT336A		.07" (1.8 mm)	.74" (18.8 mm)
	LT337A		.10" (2.5 mm)	.74" (18.8 mm)
	LT338A		.13" (3.3 mm)	.74" (18.9 mm)
	LT397A		.13" (3.3 mm)	.94" (23.9 mm)
	LT441A		.21" (5.3 mm)	.94" (23.9 mm)
	MT145A		.08" (2.0 mm)	.62" (15.7 mm)

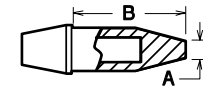
LONER Conical Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP107A		.04" (1.0 mm)	.68" (17.3 mm)
	LT222A		.04" (1.0 mm)	1.21" (30.7 mm)

LONER Angle Face Tips	Part No.	Graphic (not to scale)	Width A	Length B
	LT339A		.09" (2.3 mm)	.77" (19.6 mm)
	LT340A		.12" (3.0 mm)	.77" (19.6 mm)
	LT341A		.16" (4.0 mm)	.77" (19.6 mm)

LONER Angled Tips	Part No.	Graphic (not to scale)	Width A	Length B
	LT397A-1		.13" (3.3 mm)	.94" (23.9 mm)

LONER SMD Knife Tip	Part No.	Graphic (not to scale)	Width A	Length B
	LT570A		.17" (4.3 mm)	.68" (17.3 mm)

LONER Jumbo Spade & Angle Face Tips	Part No. (Nickel-Plated)	Graphic (not to scale)	Width A	Length B
	LT151AH		.06" (1.5 mm)	1.13" (28.9 mm)
	LT152AH		.32" (8.1 mm)	.89" (22.6 mm)
	LT153AH		.20" (5.1 mm)	1.15" (29.2 mm)
	Part No. (Nickel-Plated)	Graphic (not to scale)	Width A	Length B
	LT155AH		.33" (8.4 mm)	.97" (24.6 mm)



*For Hollow Threaded Heater (see page 8)

LONER Heavy Duty and Jumbo Threaded Soldering Tips

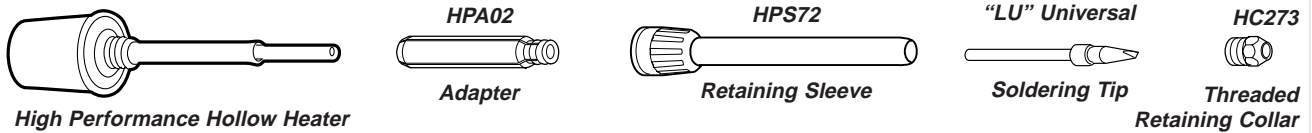
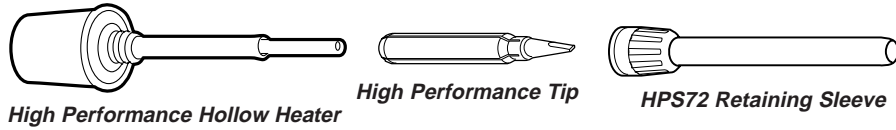


LONER High Performance and Universal Soldering Tips*

1. HP High Performance Hollow Heater Soldering Tools and Stations

Part No.	Description
951DP*	LONER Deluxe High Performance Soldering Station
952DP*	LONER Deluxe High Performance Dual Soldering Station
951HP*	LONER High Performance Soldering Station
952HP*	LONER High Performance Dual Soldering Station
952HX*	LONER Dual High Performance and Standard Soldering Station
1052HP*	LONER ATMOSCOPE SMT Hot Air High Performance Soldering Station

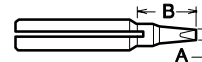
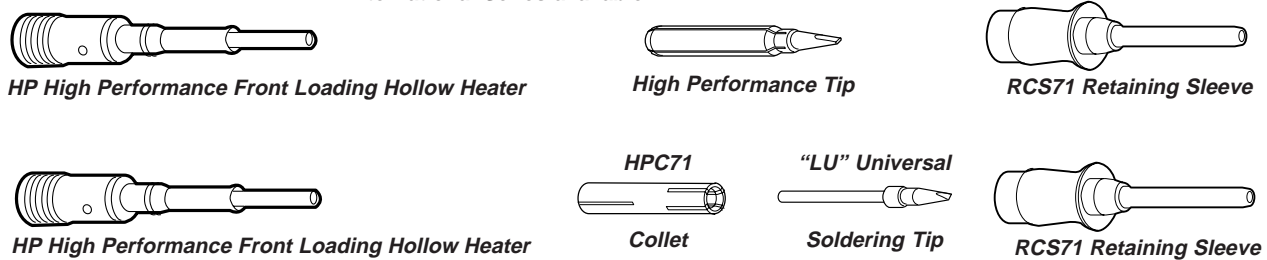
*International Series available



2. HP Front Loading Hollow Heater Soldering Tools and Stations

Part No.	Description
MCS100-S*	LONER High Performance Master Control Soldering System

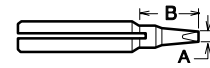
*International Series available



LONER HP Spade Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP371		.03" (0.8 mm)	.57" (14.5 mm)
	HP375		.06" (1.5 mm)	.57" (14.5 mm)
	HP376		.12" (3.0 mm)	.57" (14.5 mm)
	HP395		.09" (2.3 mm)	.79" (20.1 mm)
	HP424		.06" (1.5 mm)	.79" (20.0 mm)
	HP441		.20" (5.1 mm)	.55" (14.0 mm)
	HP444		.04" (1.0 mm)	.83" (21.1 mm)

*For High Performance Hollow Heater

LONER High Performance and Universal Soldering Tips



LONER HP Conical Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP380		.02" (0.5 mm)	.49" (12.4 mm)
	HP429		.02" (0.5 mm)	.76" (19.3 mm)

LONER HP Angle Face Tip	Part No.	Graphic (not to scale)	Width A	Length B
	HP399		.21" (5.3 mm)	.39" (9.9 mm)

LONER HP Angled Spade Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP444-1		.02" (0.5 mm)	.76" (19.3 mm)

LONER HP Angled Conical Tips	Part No.	Graphic (not to scale)	Width A	Length B
	HP439-1		.04" (1.0 mm)	.75" (19.0 mm)

LONER Universal Tips	Part No.	Graphic (not to scale)	Width A	Length B
	LU375		.06" (1.5 mm)	.48" (12.2 mm)
	LU424		.06" (1.5 mm)	.74" (18.8 mm)

LU444		.04" (1.0 mm)	.78" (19.8 mm)

Soldering

*For High Performance Hollow Heater (see page 10)

LONER High Performance and Universal Soldering Tips

