

Tech favorite for Welding, Brazing and Cutting



Patriot® Outfits

FOR U.S. JOBS
UNIWELD EMPLOYS OVER 300 WORKERS

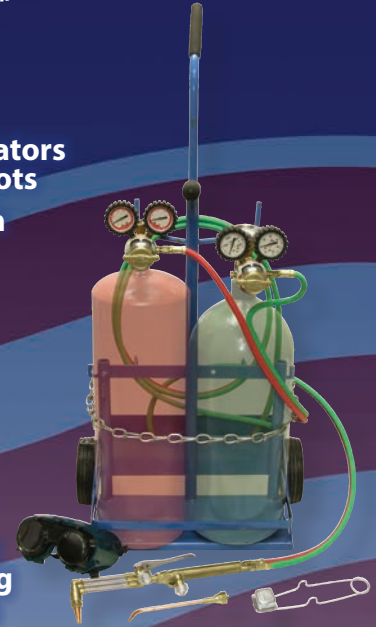
A favorite choice of Refrigeration and HVAC/R Service Technicians. Three different size welding tips come complete with elbow mixer and nut.

1 Oxyacetylene

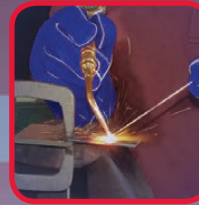


KL71-4C-T

- Single stage Patriot® series regulators with protective rubber gauge boots
- Front valve welding handle with stainless steel ball point valves for accurate gas control
- Three tube tip mix cutting attachment for top performance and safety; cuts up to 1/2" steel with supplied cutting tip
- Optional cutting tips available for cutting up to 2" steel
- Three welding tips for brazing from 3/16" to 1" copper tubing and welding up to 1/8" steel



KL71-5TR



C = Metal Carrying Stand
C-T = Metal Carrying Stand & Tanks

P = Plastic Carrying Stand
P-T = Plastic Carrying Stand & Tanks



When brazing smaller copper tubing, use the proper size tip. Cutting back on the fuel and oxygen when using an oversized tip will starve the tip and may result in backfire or flashback.

Additional outfit options listed below include a variety of carrying stands and tanks*. Optional tips expand capabilities. See pages 16-19

	Part#	UPC#	Welding Handle	Welding/Brazing Tip	Cutting Attachment	Cutting Tip	Oxygen Regulator	Acetylene Regulator	Carrying Stand	Tanks*
Patriot® Outfits	KL71-4	82319						RMC2	w/o	w/o
	KL71-4C	82320						RMC2	500S	w/o
	KL71-4C-T	82321		Type17-0				RMC2	500S	MC/R
	KL71-4P	82324	71	Type17-1	CA100	CT100-0D	RO	RMC2	511	w/o
	KL71-4P-T	82325		Type17-2				RMC2	511	MC/R
	KL71-5	82326						RB2	w/o	w/o
	KL71-5TR	82336						RB2	504	w/o

Outfits Include: H32A [12.5 ft.] Twin Hose, WG53 Goggles, FL34 Flint Lighter, W05 Tank Key w/chain.

*Tanks Shipped

Brazing, Welding & Cutting

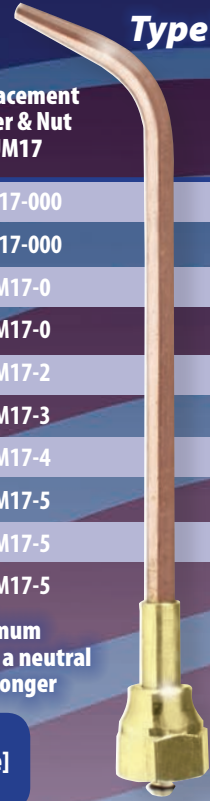


Tips, Tips, Tips...

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The popular Type17 tips come complete with elbow, mixer and nut. Use with Acetylene, Propane, MAP//Pro™ [Propylene] and Natural Gas.

Type17-2



Part#	UPC#	Acetylene Consumption SCFH	Fuel Pressure PSIG	Oxygen Pressure PSIG	Welding Metal Thickness	Brazing Copper Tubing	Replacement Elbow	Replacement Mixer & Nut UM17
Type17-000	30250	1-2	5	5	1/32"	1/8"	Type17E-000	UM17-000
Type17-00	30251	2-3	5	5	3/64"	1/4"	Type17E-00	UM17-000
Type17-0	30252	2-4	5	5	5/64"	1/2"	Type17E-0	UM17-0
Type17-1	30253	3-6	5	5	3/32"	3/4"	Type17E-1	UM17-0
Type17-2	30254	5-10	5	5	1/8"	1"	Type17E-2	UM17-2
Type17-3	30255	8-18	6	7	3/16"	1 1/2"	Type17E-3	UM17-3
Type17-4	30256	10-25	7	10	1/4"	2"	Type17E-4	UM17-4
Type17-5	30257	15-35	8	12	1/4" to 1/2"	3"	Type17E-5	UM17-5
Type17-6	30258	25-45	9	14	1/2" to 3/4"	4"	Type17E-6	UM17-5
Type17-7	30259	30-60	10	16	3/4" to 1 1/4"	6"	Type17E-7	UM17-5

Type17 Weld/Braze Tips
Type17 tips have O-Ring seals, [X26R & X25R] so tighten the tip nut firmly hand tight. **DO NOT OVER-TIGHTEN**



X25R Small O-Ring

X26R Large O-Ring

Part# TXRK Kit includes: (5) X25R & (5) X26R

***NOTE:** When acetylene weld/braze tips are used with fuel gases, use one size larger tip and maximum pressures to obtain proper heat. The chart indicates approximate torch oxygen consumption with a neutral flame ratio for various gases: Pressures are approximate for hose length up to 25 ft.; increase for longer lengths about 3 psig per 25 ft. - increase working pressure 2-3 psig for check valves and flashback arrestors. Acetylene delivery pressure should not exceed 15 psig under flow conditions.

1.1 Oxygen to 1 Acetylene
3.5 Oxygen to 1 MAP//Pro™ [Propylene]
4 Oxygen to 1 Propane / Natural gas

Cutting Tips
This is a metal to metal seating, so be sure to tighten the tip nut wrench tight

Part#	UPC#	Cutting SCFH	Oxygen PSIG	Fuel PSIG	Cutting Tip Guide	Description
5-101-00D	34505	30-35	20-25	5	1/4"	Acetylene 6 preheats for General Purpose Cutting
5-101-0D	34506	40-60	20-30	5	1/2"	
5-101-1D	34507	80-85	30-35	5	3/4" to 1"	
5-101-2D	34508	140-180	35-40	7	1" to 2"	Propane 8 preheats for General Purpose Cutting
5-200-0D	34530	40-60	20-30	5	1/2"	
5-200-1D	34531	80-85	30-35	5	3/4" to 1"	
5-200-2D	34532	140-180	35-40	7	1" to 2"	MAP//Pro™ [Propylene] 8 preheats for General Purpose Cutting
5-200M-0D	34555	40-60	20-30	5	1/2"	
5-200M-1D	34556	80-85	30-35	5	3/4" to 1"	
5-200M-2D	34557	140-180	35-40	7	1" to 2"	Acetylene General Purpose Cutting
CT100-00D	38010	30-35	20-25	5	1/4"	
CT100-0D	38011	40-60	20-25	5	1/2"	
CT100-1D	38012	80-85	30-35	5	3/4" to 1"	
CT100-2D	38013	140-180	35-40	7	1" to 2"	



5-101 Series

5-200 Series



CT100 Series

5-101 & 5-200 Tips fit CA550 Cutting Attachment. CT100 Tips fit CA100 Cutting Attachment.

