

HARRIS STYLE - Heating / Welding Tip Components & Assemblies

Replacements

**Equal Pressure,
Oxy-Acetylene**



**Model
23-A-90 & 5090
Welding Tips**

23-A-90 SERIES - Welding Tips - Sizes 0 - 10

Ordering Information			Operational Data For Acetylene Tips			Torch / Mixer Info.	
Size	SIWS Part No	Price	Oxy-Fuel Acetylene Equal Press. (PSIG)	Flow (SCFH) Each Gas	Metal Size	To Use With Torch	Use Mixer
0	23-A-90-0	\$15.50 EA	5	3	1/64"	Heavy Duty 43-2, *63-2, 18-3	E-43
1	23-A-90-1	\$15.50 EA	5	5	1/32"		
2	23-A-90-2	\$15.50 EA	5	8	3/64"		
3	23-A-90-3	\$15.50 EA	5	8	1/16"		
4	23-A-90-4	\$15.50 EA	5	10	3/32"		
5	23-A-90-5	\$15.50 EA	5	15	1/8"	*Obsoleted	
6	23-A-90-6	\$15.50 EA	6	18	3/16"	Medium Duty 85	D-85
7	23-A-90-7	\$15.50 EA	7	20	1/4"		
8	23-A-90-8	\$15.50 EA	8	30	5/16"		
9	23-A-90-9	\$15.50 EA	10	40	3/8"		
10	23-A-90-10	\$15.50 EA	10	50	1/2"		

5090 SERIES - Welding Tips - Sizes 0 - 7

0	5090-0	\$13.58 EA	5	3	1/64"	Light Duty 16, 50-7, 50-9	H-16-E
1	5090-1	\$13.58 EA	5	5	1/32"		
2	5090-2	\$13.58 EA	5	8	3/64"		
3	5090-3	\$13.58 EA	5	8	1/16"		
4	5090-4	\$13.58 EA	5	10	3/32"		
5	5090-5	\$13.58 EA	5	15	1/8"		
6	5090-6	\$13.58 EA	6	18	3/16"		
7	5090-7	\$13.58 EA	7	20	1/4"		

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1390 GENERAL WELDING TIP ENDS

Welding Tip
Components Assembled
(Mixers and Tip Tubes
are included in Tip Prices)

Tip End – 1390 Series



1390 Series TIP END

Screw in type tip only, 3/8 X 24 Male Thread

Sizes 0 - 10

\$12.00 EA – All Sizes

Torch / Mixer Information

To use with Heavy Duty Torch
43-2, *63-2, 18-3, 18-5
Use: Mixer # D-85 & Tip Tube # 8593

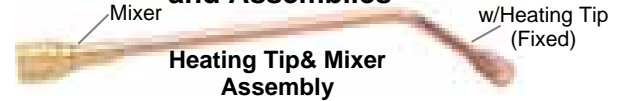
To use with Medium Duty Torch 85
Use: Mixer # D-85 & Tip Tube # 8593

To use with Light Duty Torch
16, 15-7, 15-9
Use: Mixer # H-16-E & Tip Tube # D-50-C

Part No.	Size
1390-0	0
1390-1	1
1390-2	2
1390-3	3
1390-4	4
1390-5	5
1390-6	6
1390-7	7
1390-8	8
1390-9	9
1390-10	10

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J-63, J-43, J-16 Multi-Flame Tips and Assemblies



**Heating Tip & Mixer
Assembly**

Heating Tip/Mixer Assembly	Price	Elbow with Heating Tip	Price	Use with Mixer
H-63-1	\$123.80 EA	J-63-1	\$83.33 EA	E-43
H-63-2	\$123.80 EA	J-63-2	\$83.33 EA	E-43
H-63-3	\$135.72 EA	J-63-3	\$97.62 EA	E2-43
H-63-4	\$135.72 EA	J-63-4	\$97.62 EA	E2-43
H-43-5	\$214.29 EA	J-43-5	\$178.58 EA	F-43
H-85-1	\$135.72 EA	J-63-1	see above	D-85
H-85-2	\$135.72 EA	J-63-2	see above	D-85
H-16-1	\$122.15 EA	J-16-1	\$78.72 EA	H-16-E
H-16-2	\$122.15 EA	J-16-2	\$78.72 EA	H-16-E

Tip Chart for J-63, J-43 & J-16 Heating Tips

Heating Tip Size	Oxy-Acet. Press. Range (PSIG)	Acetylene Flow (SCFH)	Heat Output Range (BTU / HR)
J-63-1 J-16-1	2-6	20-35	30,000 – 51,000
J-63-2 J-16-2	3-7	30-50	44,000 – 74,000
J-63-3	4-8	50-80	74,000 – 118,000
J-63-4	8-15	80-140	118,000 – 206,000
J-63-5 J-43-5	12-20 (Oxy.) 8-15 (Acet.)	160-300	236,000 – 442,000

Genuine Harris® 1390N

BRAZING / HEATING / SOLDERING TIP ENDS

OXYGEN / MAPP® / PROPANE / NATURAL GAS

Part Number	Size	Price
1390N-2	2	\$24.90 Ea.
1390N-3	3	\$24.90 Ea.
1390N-4	4	\$24.90 Ea.
1390N-5	5	\$24.90 Ea.
1390N-6	6	\$25.95 Ea.
1390N-7	7	\$25.95 Ea..
1390N-8	8	\$25.95 Ea.
1390N-9	9	\$25.95 Ea.
1390N-10	10	\$34.95 Ea.



*Use with Tip Tubes # 8593 & D50-C

MULTI-FLAME HEATING – 2393 Tip Tubes, sizes 1F thru 4F

#2393-1F	36" Length	\$130.96 EA
#2393-2F	28" Length	\$116.66 EA
#2393-3F	16" Length	\$97.62 EA
#2393-4F	10 1/2" Length	\$80.96 EA

Use With Mixer # F-43 (Listed 2 pages back)
Use With Tip Ends 2290 Series (Fuel Gases)
Use With Tip End 11TE Series (Acetylene)
(see Economy Victor Style Page for Tip Ends)

**FOR
KOIKE**
Use
A Style
Cutting
Tips