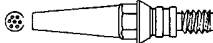


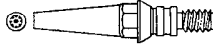
REPLACEMENT CUTTING & WELDING TIPS  
SUITABLE FOR  
**AIR PRODUCTS**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>111 GENERAL</b>  Light preheat. For general cutting operations with hand or machine equipment.	Acetylene-Oxygen	111	00.....	111020
			0.....	111000
			1.....	111001
			2.....	111002
			3.....	111003
			4.....	111004
			5.....	111005


**All SIZES**  
**\$14.00 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>121 GENERAL</b>  Medium to heavy preheat. For general or hand cutting operations.	Acetylene-Oxygen	121	00.....	121020
			0.....	121000
			1.....	121001
			2.....	121002
			3.....	121003
			4.....	121004
			5.....	121005
			6.....	121006
			7.....	121007
			8.....	121008
			9.....	121009
			10.....	121010


**All SIZES**  
**\$14.50 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>201 GENERAL</b>  Two place tip. Light to medium preheat For general tuning operations. Hand or machine equipment.	Natural Gas-Propane-Oxygen	201	00.....	201020
			0.....	201000
			1.....	201001
			2.....	201002
			3.....	201003
			4.....	201004
			5.....	201005
			6.....	201006
			7.....	201007
			8.....	201008
			9.....	201009


**OBSOLETE**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>141 GENERAL</b>  Heavy preheat. For general cutting operations with hand or machine cutting apparatus.	Acetylene-Oxygen	141	00.....	141020
			0.....	141000
			1.....	141001
			2.....	141002
			3.....	141003
			4.....	141004
			5.....	141005

**OBSOLETE**

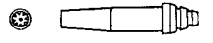
SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>159 GENERAL</b>  Medium preheat. For general cutting. Two-piece tip for hand and machine cutting.	Acetylene-Oxygen	159	00.....	159920
			0.....	159900
			1.....	159901
			2.....	159902
			3.....	159903
			4.....	159904
			5.....	159905
			6.....	159906
			7.....	159907
			8.....	159908
			9.....	159909
			10.....	159910

**All SIZES**  
**\$13.95 EA**

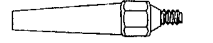
SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>B GENERAL</b>  Medium preheat. For general hand and scrap cutting.	Acetylene-Oxygen	B	1.....	54471
			2.....	54472
			3.....	54473
			4.....	54474
			5.....	54475

**All SIZES**  
**\$13.00 EA**


REPLACEMENT TIPS SUITABLE FOR  
OLD STYLE  
**CRAFTSMAN**  
NEWER TORCHES USE THE FLAT  
SURFACE HARRIS TYPE

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>BL GENERAL</b>  Light preheat. For general cutting with propane or natural gas. Two piece	Propane-Oxygen	BL	1.....	54781
			2.....	54782
			3.....	54783
			4.....	54784
			5.....	54785


**All SIZES**  
**\$13.00 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>AA WELDING</b>  Acetylene welding tip end. For general welding users.	Acetylene-Oxygen	AA	1.....	54411
			2.....	54412
			3.....	54413
			4.....	54414
			5.....	54415
			6.....	54416
			7.....	54417
			8.....	54418

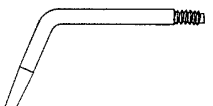
**OBSOLETE**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>231 GENERAL</b>  Heavy preheat. Two-piece tip for both hand and machine cutting.	Natural Gas-Propane-Oxygen	231	00.....	231020
			0.....	231000
			1.....	231001
			2.....	231002
			3.....	231003
			4.....	231004
			5.....	231005
			6.....	231006
			7.....	231007
			8.....	231008
			9.....	231009

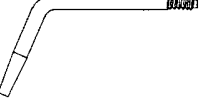
**All SIZES**  
**\$22.86 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>140 WELDING</b>  General purpose welding tip for use with Air Products 1000 light duty torch.		140	00.....	225-4-1409
			0.....	225-3-1410
			1.....	225-4-1411
			2.....	225-U-1412
			3.....	225-L-1413
			4.....	225-K-1414
			5.....	225-7-1415

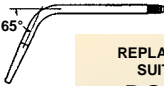
**OBSOLETE**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>150 WELDING</b>  General purpose welding tip. For use with Air Products style 2000 medium duty torch.		150	00.....	225-C-1509
			0.....	225-W-1510
			1.....	225-X-1511
			2.....	225-N-1512
			3.....	225-P-1513
			4.....	225-1-1514
			5.....	225-2-1515
			6.....	225-R-1516
			7.....	225-J-1517
			8.....	225-8-1518

**OBSOLETE**


SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>160 WELDING</b>  General welding tip for use with Air Products style 3000 heavy duty torch.		160	0.....	225-P-1610
			0.....	225-0-1611
			1.....	225-H-1612
			3.....	225-A-1613
			4.....	225-4-1614
			5.....	225-U-1615
			6.....	225-L-1616
			7.....	225-K-1617
			8.....	225-7-1618
			9.....	225-Y-1619
			10.....	225-H-1620

**All SIZES**  
**\$18.00 EA**

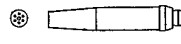
SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>E GENERAL WELDING</b>  General Welding, Bent elbow copper tip only.		E	5.....	E-5
			6.....	E-6
			7.....	E-7
			6.....	E-8
			9.....	E-9

**OBSOLETE**


REPLACEMENT TIPS  
SUITABLE FOR  
**DOCKSON**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>C-4 GENERAL</b>  Light preheat, For general cutting operations.	Acetylene-Oxygen	C-4	0.....	C4-0
			1.....	C4-1
			2.....	C4-2
			3.....	C4-3


**OBSOLETE (USE #C-6 SERIES)**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>C-6 GENERAL</b>  Medium preheat. For general cutting operations.	Acetylene-Oxygen	C-6	0.....	C6-0
			1.....	C6-1
			2.....	C6-2
			3.....	C6-3
			4.....	C6-4
			5.....	C6-5
			6.....	C6-6
			7.....	C6-7
			8.....	C6-8

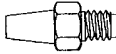
**All SIZES**  
**\$15.72 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>CG GENERAL</b>  Medium preheat For general cutting with propane of or natural gas. Two-piece Fuel Gas.	Propane-Oxygen	CG	1.....	CG-1
			2.....	CG-2
			3.....	CG-3
			4.....	CG-4
			5.....	CG-5
			6.....	CG-6
			7.....	CG-7
			8.....	CG-8

**All SIZES**  
**\$21.43 EA**

SKETCH & DESCRIPTION	FUEL	TIP STYLE	SIZES	PART NUMBER
<b>D GENERAL</b>  Medium preheat General hand and scrap cutting.	Acetylene-Oxygen	D Flat Seat	1.....	D-1
			2.....	D-2
			3.....	D-3
			4.....	D-4
			5.....	D-5
			6.....	D-6
			7.....	D-7
			8.....	D-8

**OBSOLETE**

SKETCH & DESCRIPTION	TIP STYLE	SIZES	PART No.	SIZES	PART No.
<b>A GENERAL WELDING</b>  General welding. Screw-in type tip end only.	A	1.....	A-1	9.....	A-9
		2.....	A-2	10.....	A-10
		3.....	A-3	11.....	A-11
		4.....	A-4	12.....	A-12
		5.....	A-5	13.....	A-13
		6.....	A-6	14.....	A-14
		7.....	A-7	15.....	A-15
		8.....	A-8		

**OBSOLETE**