

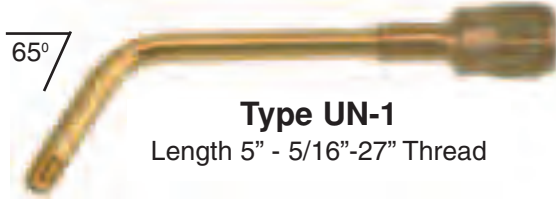


For Use with 100FC Series Torch Handles

For Nozzle Information & Flow Data see Section B pages 50-51.

MEDIUM DUTY WELDING NOZZLE ORDERING INFORMATION

Model	Size	Part No.	Application, Description & Illustration
W-1	000	0324-0068	<p>General purpose welding & pre-heating.</p> <p>One piece copper elbow tip Long cone flame.</p> <p>Model W-1</p>  <p>Fuel Gas Usage - Acetylene</p>
	000	0387-0028 (Clamshell)	
	00	0324-0069	
	00	0387-0029 (Clamshell)	
	0	0324-0070	
	0	0387-0030 (Clamshell)	
	1	0324-0071	
	1	0387-0031 (Clamshell)	
	2	0324-0072	
	2	0387-0032 (Clamshell)	
	3	0324-0073	
	3	0387-0033 (Clamshell)	
	4	0324-0074	
	4	0387-0034 (Clamshell)	
	5	0324-0075	
	6	0324-0076	
	6	0387-0036 (Clamshell)	
7	0324-0077		
ET	000	0311-0055	<p>Elbow</p>  <p>Fuel Gas Usage - Acetylene</p>
	00	0311-0056	
	0	0311-0057	
	1	0311-0058	
	2	0311-0059	
	ET-1	3	
4		0311-0346	
5		0311-0602	
6		0311-0603	



Type UN-1
Length 5" - 5/16"-27" Thread

MULTI-GAS NOZZLE ORDERING INFORMATION

Torch Series	Type	Part No.	Fuel Gas Usage	Application, Description & Illustration
100	UN-1	0324-0094	Multi-Gas Fuel Service	Standard bend nozzle for welding, brazing & heating. Uses replaceable tip ends
100	DFE-1	0324-0092	Multi-Gas Fuel Service	Dual flexible elbow nozzle assembly for special welding, heating, brazing needs Uses replaceable tip ends



Type FE-1 Length 11-1/2" - 5/16"-27" Thread

Uses Replacement Tip Ends; Types TE, TEN, TEMFA, TEMFN
See page 66.

OXY-ACETYLENE UNIVERSAL MIXER NOZZLE ORDERING INFORMATION

Torch Series	Type	Part No.	Fuel Gas Usage	Application, Description & Illustration
100	FE-1	0324-0066	Multi-Gas Fuel Service	Flexible elbow for special welding, brazing, & heating needs. Multi-fuel gas service. Uses replaceable tip ends.

Type UM-1
Length 1-3/4"



OXY-ACETYLENE UNIVERSAL MIXER NOZZLE ORDERING INFORMATION



Torch Series	Type	Part No.	Fuel Gas Usage	Application, Description & Illustration
100	4-UM-1* 7-UM-1**	0328-0005 0328-0009	Oxy-Acetylene	Oxy-Acetylene universal mixers used when exact performance & Individual nozzles are not needed. Uses replaceable tip ends. For use with replaceable elbow tips type ET & ET-1.

* For elbow tips 000-2 ET & 3, 4 ET-1 refer to page 64.

**For elbow tips 5, 6 ET-1 refer to page 64.

For All Nozzles Using Replaceable Tip Ends

TIP ENDS INFORMATION

Type	Application, Description	Fuel Gas	Illustration
Type: TE	Welding, Brazing	Acetylene	 Types TE, TEN Flame characteristic - Long Cone
Type: TEN	Brazing & Silver Brazing.	Natural Gas Propane	
Type: TEMFA	Brazing, Silver Brazing, heating	Acetylene	 Type TEMFN, TEMFA Flame characteristic - Multi-flame
Type: TEMFN	Brazing, Silver Brazing, heating	All Fuel Gases Except Acetylene	

TIP SIZE, LENGTH, THREAD SIZE

Size(s)	Length	Thread	Type: TE	Type: TEN
			Part No.	Part No.
000	1-1/2"	5/16"-27	0311-0471	-
00	1-1/2"	5/16"-27	0311-0472	-
0	1-1/2"	5/16"-27	0311-0473	-
1	1-1/2"	5/16"-27	0311-0474	-
2	1-1/2"	5/16"-27	0311-0475	0311-0485
3	1-5/8"	5/16"-27	0311-0587	0311-0486
4	1-7/8"	5/16"-27	0311-0588	0311-0487
5	2"	5/16"-27	0311-0589	0311-0488
6	2-1/4"	.393-27	0311-0590 *	0311-0585
8	2-3/4"	.393-27	0311-0592 *	*
10	3"	.440-27	0311-0593 *	-

* Fit nozzles RTE Only.

TIP SIZE, LENGTH, THREAD SIZE

Type: TEMFA Acetylene

Size(s)	Length	Thread	Part No.
1	1-1/2"	5/16"-22	0311-0215
2	1-1/2"	5/16"-22	0311-0216
3	1-1/2"	5/16"-22	0311-0217
4	1-1/2"	5/16"-22	0311-0218
5	1-1/2"	5/16"-22	0311-0219

TIP SIZE, LENGTH, THREAD SIZE

Type: TEMFN Multiflame All Fuel Gases Except Acetylene

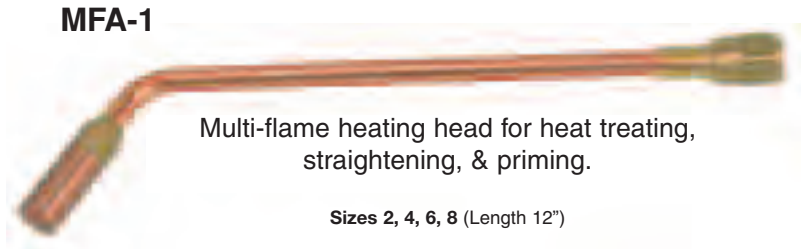
Size(s)	Length	Thread	Part No.
3	1-1/2"	5/16"-22	0311-0306
4	1-1/2"	5/16"-22	0311-0307
5	1-1/2"	5/16"-22	0311-0308
6	1-1/2"	5/16"-27	0311-0676
7	1-1/2"	5/16"-27	0311-0677
8	1-1/2"	5/16"-27	0311-0678
9	1-1/2"	5/16"-27	0311-0679
10	1-1/2"	5/16"-27	0311-0680

For Use with 100FC Series Torch Handles

Acetylene or Hydrogen

HEATING NOZZLES 100 SERIES TYPE MFA-1 ORDERING INFORMATION

Model	Size	Part No.
MFA-1	2	0324-0108
	4	0324-0109
	4	0387-0071 (Clamshell)
	6	0324-0110
	6	0387-0072 (Clamshell)
	8	0324-0111
	8	0387-0073 (Clamshell)



MFA-1

Multi-flame heating head for heat treating, straightening, & priming.

Sizes 2, 4, 6, 8 (Length 12")

Fuel Gas Usage - Acetylene or Hydrogen

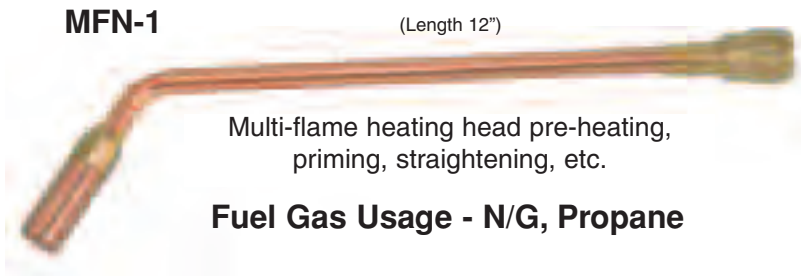
TIP END REPLACEMENT

Model	Size	Part No.
MFA-1	2	0311-0598
MFA-1	4	0311-0599
MFA-1	6	0311-0600
MFA-1	8	0311-0611

Propane & Natural Gas

HEATING NOZZLES 100 SERIES TYPE MFN-1 ORDERING INFORMATION

Model	Size	Part No.
MFN-1	6	0324-0117
MFN-1	8	0324-1118



MFN-1

(Length 12")

Multi-flame heating head pre-heating, priming, straightening, etc.

Fuel Gas Usage - N/G, Propane

TIP END REPLACEMENT

Model	Size	Part No.
MFN-1	4	0311-0610
MFN-1	6	0311-0611
MFN-1	8	0311-0612

For **Heating Nozzle Flow Data** see Section B page 52.