



Size	Part No.	Length	Fuel Gas Usage
6	0323-0327	11" (279.4mm)	Fuel Gas Usage - ALL, except Acetylene
8	0323-0328	11" (279.4mm)	

Type 55 Multi-Flame Heating Nozzles

300 SERIES

The Type 55 Series multi-flame heating nozzles feature a raised center point on the head to prevent bumping the plate and compressing the flame. The center point and improved mixer design combine to provide greater resistance to flashback and improved performance. Type 55s can be ordered in a complete assembly or individual components.

Application /Description	Available Size	Available Length	Available Angles	Part No.
Multi-Flame Heads	6	-	-	0311-0240
	8	-	-	0311-0241
Multi-Flame Elbows	-	14" (355.6mm)	65°	0304-0002
	-	16" (406.4mm)	180°	0304-0095
	-	26" 660.4mm)	65°	0304-0011
	-	28" (711.2mm)	180°	0304-0094
Mixer and nut assembly, for use with pressures from 10 PSIG and up.				0328-0012
Extension Adapter - Thread specifications 1/4"-18 NPT(F) x 1/2"-27 UNS(F).				0312-0064
Not for use with acetylene.				

Type 55 Components

300 SERIES

Type 55 Series multi-flames are available as components. Threaded elbows give you the flexibility to easily service or extend the length of the nozzles. Use the special extensions adapter to extend the tip tube to the required length.



MFA

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

- Fuel gas usage - acetylene, hydrogen

Model	Size	Part No.		Length	Tip End Replacement	Series
		Boxed	Clamshell			
MFA	4	0323-0250	0387-0060	12.0" (304.8mm)	-	300
	6	0323-0251	0387-0061			
	8	0323-0252	0387-0062			
	10	0323-0260	0387-0063	17.5" (444.5mm)		
MFA-1	2	0324-0108	-	12.0" (304.8mm)	0311-0598	100
	4	0324-0109	0387-0071		0311-0599	
	6	0324-0110	0387-0072		0311-0600	
	8	0324-0111	0387-0073		0311-0611	



MFN

Multi-flame heating head for preheating priming, straightening, etc.

- Fuel gas usage - propane, natural gas

Model	Size	Part No.	Length	Tip End Replacement	Series
MFN	8	0323-0292	12.0" (304.8mm)	-	300
	10	0323-0302	17.5" (444.5mm)		
MFN-1	4	-	-	0311-0610	100
	6	0324-0117	12.0" (304.8mm)	0311-0611	
	8	0324-1118		0311-0612	

Victor Professional

Series 1 TYPE MFTA



Acetylene

For preheating before welding, descaling and paint burning etc.

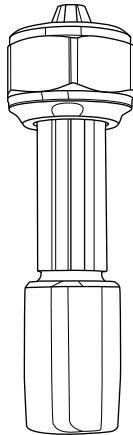
Size	Part No.
6	0330-0527
8	0330-0528
*10	0330-0523
*12	0330-0524

Required pressures:

12/15 Acet.; 70/80 PSIG Oxy.

Size: 8 is maximum size for use with cutting attachments.

*Use 3/8" (9.5m) hose straight torch.



Series 1 TYPE MFTN

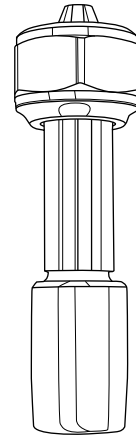


LP (Propane/Natural Gas)

For preheating before welding, descaling and paint burning etc.

Size	Part No.
10	0330-0521
12	0330-0522

Not for use with cutting attachments.

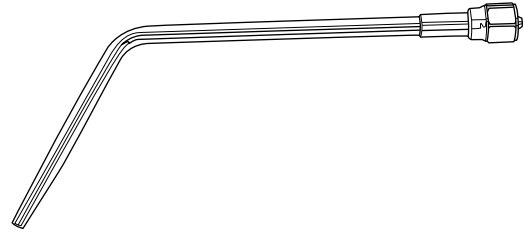


Model	Size	Part No.		Length	Series
		Boxed	Clamshell		
W	000	0323-0110	-	4.5"	300
	00	0323-0111	0387-0019		
	0	0323-0112	0387-0020		
	1	0323-0120	0387-0021		
	2	0323-0121	0387-0022		
	3	0323-0122	0387-0023		
	4	0323-0130	0387-0024		
	5	0323-0131	-		
	6	0323-0132	-		
	7	0323-0140	-		
	8	0323-0141	-		
	10	0323-0142	-	14"	
W-1	000	0324-0068	0387-0028	4.5"	100
	00	0324-0069	0387-0029		
	0	0324-0070	0387-0030		
	1	0324-0071	0387-0031		
	2	0324-0072	0387-0032		
	3	0324-0073	0387-0033		
	4	0324-0074	0387-0034		
	5	0324-0075	-		
6	0324-0076	0387-0036			
7	0324-0077	-			
W-J	000	0325-0081	-	4.5"	J
	00	0325-0082	0387-0039		
	0	0325-0083	0387-0040		
	1	0325-0084	0387-0041		
	2	0325-0085	0387-0042		
	3	0325-0086	0387-0043		
	4	0325-0087	-		
	5	0325-0088	-		
7	0325-0090	-			

W Series Welding Nozzles

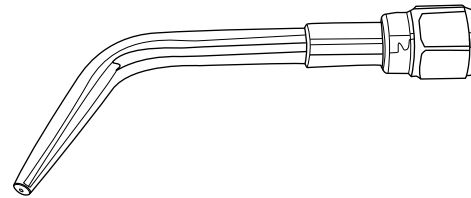
For use with 300 Series torch handles

- General purpose welding & preheating
- Fuel gas usage - acetylene, hydrogen
- 65° tip angle
- Long cone flame
- One piece copper elbow tip



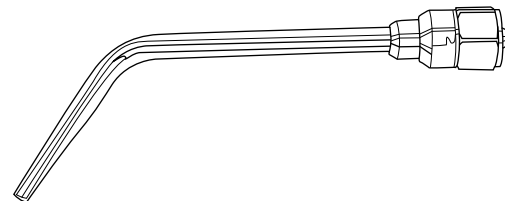
W-1

For use with 100 Series torch handles



W-J

For use with J Series torch handles

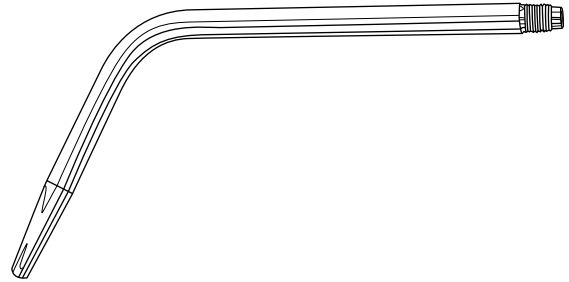


Model	Size	Part No.	Series
ET	000	0311-0055	300
	00	0311-0056	
	0	0311-0057	
	1	0311-0058	
	2	0311-0059	
	3	0311-0572	
	4	0311-0573	
	5	0311-0574	
	6	0311-0575	
ET-1	7	0311-0576	100
	8	0311-0577	
	000	0311-0055	
	00	0311-0056	
	0	0311-0057	
ET-1	1	0311-0058	100
	2	0311-0059	
	3	0311-0345	
	4	0311-0340	
ET-1	5	0311-0602	J
	6	0311-0603	
	000	0311-0123	
	00	0311-0124	
	0	0311-0125	
	1	0311-0126	
ET-J	2	0311-0127	J
	3	0311-0128	
	4	0311-0129	

ET Series Elbow Tips

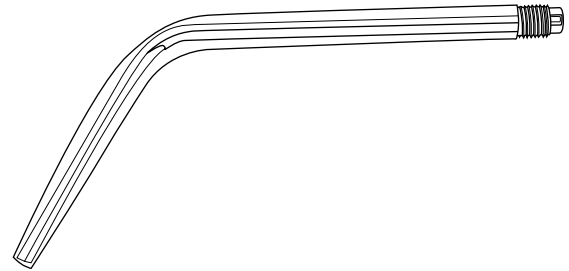
For use with 300 Series torch handles

- One piece copper elbow tip
- Long cone flame
- Fuel gas usage - acetylene, hydrogen



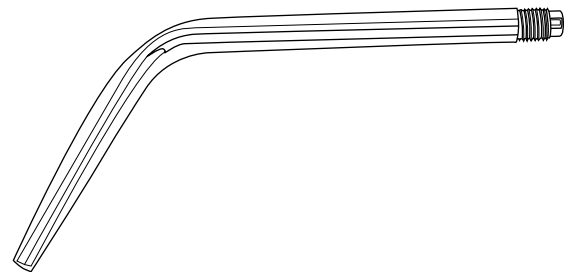
ET & ET-1

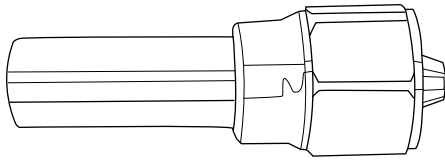
For use with 100 Series torch handles



ET-J

For use with J Series torch handles

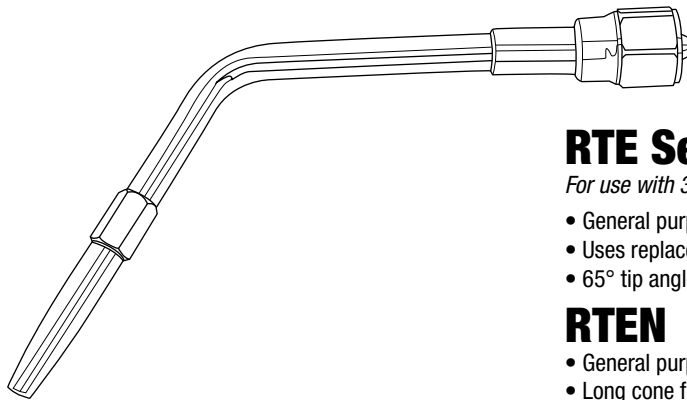




UM Series Universal Mixers

- Oxy-Acetylene universal mixers used when exact performance & Individual nozzles are not needed.

Type	Part No.	Fuel Gas Usage	Elbow Tips	Length	Series
UM	0328-0011	Oxy-Acetylene	000-2ET	2.5" (63.5mm)	300
4-UM	0328-0003		3 & 4 ET		
6-UM	0328-0008		5 & 6 ET		
10-UM	0328-0004		7 & 8 ET		
4-UM-1	0328-0005	Oxy-Acetylene	000-2 ET, 3 ET-1, 4 ET-1,	1.75" (44.5mm)	100
7-UM-1	0328-0009		5 ET-1, 6 ET-1		
UM-J	0328-0015	Oxy-Acetylene	000-4 ET-J	1.75" (44.5mm)	J



RTE Series Replaceable Tip Ends

For use with 300 Series torch handles

- General purpose welding & preheating
- Uses replacement tip ends (TE Series)
- 65° tip angle

RTEN

- General purpose brazing & preheating
- Long cone flame
- Uses TEN tip ends

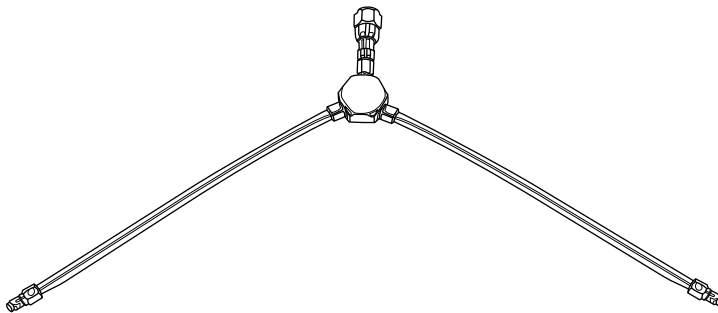
Model	Size	Part No.	Fuel Gas Usage	Series
RTE	00	0323-0307	Acetylene, Hydrogen	300
	0	0323-0308		
	1	0323-0309		
	2	0323-0310		
	3	0323-0311		
	4	0323-0312		
	5	0323-0313		
	6	0323-0314		
	8	0323-0316		
	10	0323-0317		
RTEN	6	0323-0284	N/G, Propane	



FE Series Flexible Elbow

- Flexible elbow for special welding, brazing, & heating needs
- Multi-fuel gas service
- Uses replacement tip ends
- Thread: 5/16"-27

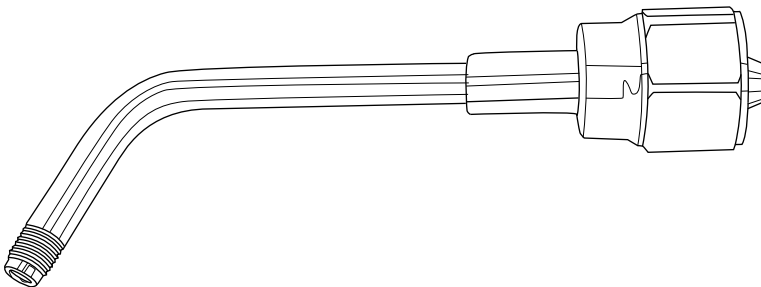
Type	Part No.	Fuel Gas Usage	Tip End Replacements	Length	Series
FE	0323-0191	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	11.5" (292.1mm)	300
FE-1	0324-0066	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	11.5" (292.1mm)	100
FE-J	0325-0102	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	11.5" (292.1mm)	J



DFE Series Dual Flexible Elbows

- Dual flexible elbow nozzle assembly for special welding, brazing & heating
- Uses replacement tip ends
- Thread: 5/16"-27

Type	Part No.	Fuel Gas Usage	Tip End Replacements	Length	Series
DFE	0325-0192	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	-	300
DFE-1	0325-0092	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	-	100
DFE-J	0325-0108	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	-	J



UN Series Universal Nozzle

- Standard bend nozzle for welding, brazing & heating
- Uses replacement tip ends
- 65° tip angle
- Thread: 5/16"-27

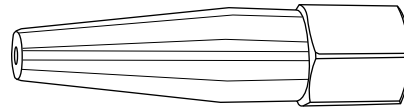
Type	Part No.	Fuel Gas Usage	Tip End Replacements	Length	Series
UN	0323-0242	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	5" (127.0mm)	300
UN-1	0324-0094	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	5" (127.0mm)	100
UN-J	0325-0101	Multi-Gas Fuel Service	TE, TEN, TEMFA, TEMFN	5" (127.0mm)	J

TIP ENDS INFORMATION		
Type	Application, Description	Fuel Gas
TE	Welding, Brazing	Acetylene
TEN	Brazing, Silver Brazing	Natural Gas, Propane
TEMFA	Brazing, Silver Brazing, Heating	Acetylene
TEMFN	Brazing, Silver Brazing, Heating	All Fuel Gases Except Acetylene

TE & TEN

300, 100 & J SERIES

Flame characteristic - Long Cone



TIP SIZE, LENGTH, THREAD SIZE				
Type	Size(s)	Length	Thread	Part No.
TE	000	1.5" (38.1mm)	5/16"-27	0311-0471
	00	1.5" (38.1mm)	5/16"-27	0311-0472
	0	1.5" (38.1mm)	5/16"-27	0311-0473
	1	1.5" (38.1mm)	5/16"-27	0311-0474
	2	1.5" (38.1mm)	5/16"-27	0311-0475
	3	1.63" (41.4mm)	5/16"-27	0311-0587
	4	1.88" (47.8mm)	5/16"-27	0311-0588
	5	2" (50.8mm)	5/16"-27	0311-0589
	6	2.25" (57.2mm)	0.393-27	*0311-0590
	8	2.75" (69.9mm)	0.393-27	*0311-0592
10	3" (76.2mm)	0.440-27	*0311-0593	
TEN	2	1.5" (38.1mm)	5/16"-27	0311-0485
	3	1.63" (41.4mm)	5/16"-27	0311-0486
	4	1.88" (47.8mm)	5/16"-27	0311-0487
	5	2" (50.8mm)	5/16"-27	0311-0488
	6	2.25" (57.2mm)	0.393-27	*0311-0585
TEMFA	1	1.5" (38.1mm)	5/16"-22	0311-0215
	2	1.5" (38.1mm)	5/16"-22	0311-0216
	3	1.5" (38.1mm)	5/16"-22	0311-0217
	4	1.5" (38.1mm)	5/16"-22	0311-0218
	5	1.5" (38.1mm)	5/16"-22	0311-0219
TEMFN	3	1.5" (38.1mm)	5/16"-22	0311-0306
	4	1.5" (38.1mm)	5/16"-22	0311-0307
	5	1.5" (38.1mm)	5/16"-22	0311-0308
	6	1.5" (38.1mm)	5/16"-27	0311-0676
	7	1.5" (38.1mm)	5/16"-27	0311-0677
	8	1.5" (38.1mm)	5/16"-27	0311-0678
	9	1.5" (38.1mm)	5/16"-27	0311-0679
10	1.5" (38.1mm)	5/16"-27	0311-0680	
Adapter for tip ends to fit tip tube: 5/16"-27(F) x 1/8"-27(M) 0312-0071 *Fit nozzles RTE Only.				

TEMFA & TEMFN

300, 100 & J SERIES

Flame characteristic - Multi-flame

