



**For All Nozzles Using Replaceable Tip Ends**

**TIP ENDS INFORMATION**

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

**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