

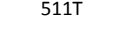




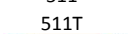



































NOZZLE/DIFFUSER/TIP CONFIGURATIONS



















Shown in this document are the most commonly used nozzle/contact tip configurations. Please see the price book under "NOZZLES" or contact American Weldquip for information on other nozzle types.

300 SERIES NOZZLES

	Contact Tip Series	Diffuser	Tip Placement	Torch SERIES
3/8" (9.5mm) BORE				
 75133801 (3/8"(9.5mm) ID, NI Plated Brass) 2.820"(71.6mm) O.A.L.	 511  511T	 75002007 75002007L 75002007XL	1/8" (3.18mm) Recess	238CA, 300A, 300R AST 300 Series
 75133802 (3/8"(9.5mm) ID, NI Plated Brass) 2.820"(71.6mm) O.A.L.			1/8" (3.18mm) Stickout	
1/2" BORE				
 75135002-I (1/2"(12.7mm) ID, NI Plated Brass) 2.820"(71.6mm) O.A.L.	 511  511T	 75002007 75002007L 75002007XL	1/8" (3.18mm) Recess	238CA, 300A, 300R AST 300 Series
 75135003-I (1/2" (12.7mm) ID, NI Plated Copper) 2.672" (67.96mm) O.A.L.			1/8" (3.18mm) Stickout	
 75135004 (1/2" (12.7mm) ID, NI Plated Copper) 1.937" (49.2mm) O.A.L.	 511/511T	 75002007S 75002007 75002007L 75002007XL	FLUSH 1/16" (1.6mm) Stickout 1/8" (3.18mm) Stickout 1/4" (6.35mm) Stickout	238CA, 300A, 300R AST 300 Series
 75135004 (1/2" (12.7mm) ID, NI Plated Copper) 1.937" (49.2mm) O.A.L.	 511/511T	 75002007V ** Requires Special Gooseneck	1/8" (3.18mm) Stickout	238CA, 300A, 300R AST 300 Series
9/16" BORE				
 75135601-I (9/16"(14.2mm) ID, NI Plated Brass) 2.820"(71.6mm) O.A.L.	 511/511T	 75002007 75002007L 75002007XL	1/8" (3.18mm) Recess	238CA, 300A, 300R AST 300 Series
 75135602-I (9/16" (14.2mm) ID, NI Plated Copper) 2.545" (64.6mm) O.A.L.			1/8" (3.18mm) Stickout	
 75135602-I (9/16" (14.2mm) ID, NI Plated Copper) 2.545" (64.6mm) O.A.L.	 511/511T	 75002007S 75002007 75002007L	1/16" (1.6mm) Stickout 1/8" (3.18mm) Stickout 1/4" (6.35mm) Stickout	238CA, 300A, 300R AST 300 Series

		<u>Contact Tip Series</u>	<u>Diffuser</u>	<u>Tip Placement</u>	<u>Torch SERIES</u>
400 SERIES NOZZLES					
7/16" BORE					
 75144301-I (7/16"(11.1mm) ID, NI Plated Brass) 2.820" (71.6mm) O.A.L.	014 and 400		75004033S 1/16" (1.6mm) Stickout	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series	
			75004033 1/4" (6.3mm) Stickout		
	230 and 500	75004033S 1/16" (1.6mm) Recess	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series		
	75004033 1/8" (3.18mm) Stickout				
	75004033L 1/4" (6.35mm) Stickout				
	511/511T		75002007S 1/8" (3.18mm) Recess	347CA	
			75002007 FLUSH		
			75002007L 1/8" (3.18mm) Stickout		
7/8" BORE					
 75144302-I (7/16"(11.1mm) ID, NI Plated Brass) 3.125" (79.4mm) O.A.L.	014 and 400		75004033S 1/4" (6.35mm) Recess	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series	
			75004033 1/8" (3.18mm) Recess		
		75004033L FLUSH	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series		
230 and 500	75004033 1/4" (6.35mm) Recess				
	75004033L 1/8" (3.18mm) Recess				
	75004033XL FLUSH				
	511/511T		75002007XL 1/8" (3.18mm) Recess	347CA	
1/2" BORE					
 75145004 (1/2"(12.7mm) ID, NI Plated Brass) 75145004-I (1/2"(12.7mm) ID, NI Plated Brass) 3.125" (79.4mm) O.A.L.	014 and 400		75004033S 1/4" (6.35mm) Recess	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series	
			75004033 1/8" (3.18mm) Recess		
		75004033L FLUSH	354CA,407CA, 500CA, 607GW 400A,500A, 400R,500R, 550R 600R, AST-500 Series		
230 and 500	75004033 1/4" (6.35mm) Recess				
	75004033L 1/8" (3.18mm) Recess				
	75004033XL FLUSH				
 75145002C (1/2" (12.7mm) ID, NI Plated Copper) 75145002CU (1/2" (12.7mm) ID, Bare Copper) 3.125" (79.4mm) O.A.L.	511/511T		75002007XL 1/8" (3.18mm) Recess	347CA	

		Contact Tip Series	Diffuser	Tip Placement	Torch SERIES
9/16" Bore					
 2.820" (71.6mm) O.A.L.	75145602-I (9/16" (14.3mm) ID, NI Plated Brass)	014 and 400	 75004033S 75004033	1/16" (1.6mm) Stickout	354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series
		230 and 500		75004033S 75004033 75004033L	
		511/511T	 75002007S 75002007 75002007L	1/8" (3.18mm) Recess FLUSH 1/8" (3.18mm) Stickout	347CA
 3.125" (79.4mm) O.A.L.	75145601-I (9/16" (14.3mm) ID, NI Plated Brass)	014 and 400		 75004033S 75004033 75004033L 75004033XL	1/4" (6.35mm) Recess 1/8" (3.18mm) Recess FLUSH 1/8" (3.18mm) Stickout
		230 and 500	75004033 75004033L 75004033XL		1/4" (6.35mm) Recess 1/8" (3.18mm) Recess FLUSH
		511	 75002007XL	1/8" (3.18mm) Recess	347CA
5/8" Bore					
 2.820" (71.6mm) O.A.L.	75146204-I (5/8" (15.9mm) ID, NI Plated Brass) 75146204CU (5/8" (15.9mm) ID, Bare Copper) 75146204CU (5/8" (15.9mm) ID, Bare Copper) 75146204CU-I (5/8" (15.9mm) ID, Bare Copper)	014 and 400	 75004033S 75004033	1/16" (1.6mm) Stickout 1/4" (6.35mm) Stickout	354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series
		230 and 500		75004033S 75004033 75004033L	
		511/511T	 75002007S 75002007 75002007L	1/8" (3.18mm) Recess FLUSH 1/8" (3.18mm) Stickout	347CA

		Contact Tip Series	Diffuser	Tip Placement	Torch SERIES	
 75146201 (5/8" (15.9mm) ID, NI Plated Brass) 75146201-I (5/8" (15.9mm) ID, NI Plated Brass) 3.125" (79.4mm) O.A.L.	 75146202 (5/8" (15.9mm) ID, NI Plated Brass) 75146202-I (5/8" (15.9mm) ID, NI Plated Brass) 75146202C (5/8" (15.9mm) ID, NI Plated Copper) 75146202C-I (5/8" (15.9mm) ID, NI Plated Copper) 3.125" (79.4mm) O.A.L. 75146202CU (5/8" (15.9mm) ID, Bare Copper) 75146202CU-I (5/8" (15.9mm) ID, Bare Copper)	014 and 400 	 75004033S 1/4" (6.35mm) Recess 75004033 1/8" (3.18mm) Recess 75004033L FLUSH 75004033XL 1/8" (3.18mm) Stickout		354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series	
		230 and 500 		75004033 1/4" (6.35mm) Recess 75004033L 1/8" (3.18mm) Recess 75004033XL FLUSH		354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series
		511/511T 		 75002007XL 1/8" (3.18mm) Recess		347CA
 75145606-1 (5/8" (15.9mm) ID, NI Plated Brass) 1.85" (47.6mm) O.A.L.		014 and 400 	 75004033A FLUSH ** Requires Special Gooseneck 75004033A 1/16" (1.6mm) Recess ** Requires Special Gooseneck		SPECIAL Neck Required	
	230 and 500 					
3/4" Bore						
 75147501 (3/4" (19.0mm) ID, NI Plated Brass) 75147501CU (3/4" (19.0mm) ID, Bare Copper) 3.125" (79.4mm) O.A.L.	 75157001CU-I (3/4" (19.0mm) ID, Bare Copper) 3.125" (79.4mm) O.A.L.	014 and 400 	 75004033S 1/4" (6.35mm) Recess 75004033 1/8" (3.18mm) Recess 75004033L FLUSH 75004033XL 1/8" (3.18mm) Stickout		354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series	
		230 and 500 		75004033 1/4" (6.35mm) Recess 75004033L 1/8" (3.18mm) Recess 75004033XL FLUSH		354CA, 407CA, 500CA, 607GW 400A, 500A, 400R, 500R, 550R 600R, AST-500 Series
		511 		 75002007XL 1/8" (3.18mm) Recess		347CA

	<u>Contact Tip Series</u>	<u>Diffuser</u>	<u>Tip Placement</u>	<u>Torch SERIES</u>
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500 SERIES NOZZLES

9/16" Bore



2.670" (67.8mm) O.A.L.

75156201 (9/16" (14.3mm) ID, NI Plated Brass)
 75156201-I (9/16" (14.3mm) ID, NI Plated Brass)

 014 and 400	 75004033	75004033S 1/8" (3.18mm) Stickout	507CA,
		75004033 1/4" (6.35mm) Stickout	
 230 and 500	 75004033	75004033S 1/16" (1.6mm) Stickout	507CA,
		75004033 1/8" (3.18mm) Stickout	
		75004033L 1/4" (6.35mm) Stickout	

11/16 Bore



3.187" (81mm) O.A.L.

75157001CU-I (11/16" (17.46mm) ID, Bare Copper)

 014 and 400	 75004033	75004033 1/4" (6.35mm) Recess	507CA,
		75004033L 1/8" (3.18mm) Recess	
		75004033XL FLUSH	
 230 and 500	 75004033L	75004033L 1/4" (6.35mm) Recess	507CA,
		75004033XL 1/8" (3.18mm) Recess	

3/4" Bore



3.187" (81mm) O.A.L.

75157501 (3/4" (19.0mm) ID, NI Plated Brass)
 75157501-I (3/4" (19.0mm) ID, NI Plated Brass)

 014 and 400	 75004033	75004033 1/4" (6.35mm) Recess	507CA,
		75004033L 1/8" (3.18mm) Recess	
		75004033XL FLUSH	
 230 and 500	 75004033L	75004033L 1/4" (6.35mm) Recess	507CA,
		75004033XL 1/8" (3.18mm) Recess	