

Threaded Nozzle Cross Reference

Style	Dim	Cap Top																Castle Top																Inverse Castle Top																																									
		.875				1.000				.562				.625				.750				.805				.875				.880				.945				1.000				1.090				1.173				1.385				.869																					
OAL	"C"	1.000																1.125																.668																																									
Minor OD	"D"	.776																.900																.750																																									
Bell Side ID	"E"	.500				.562				.562				.600				.804				.438				.438				.500				.500				.500				.500				.625				.562				.688				.688				.700				.745				.745				.438	
Threads	"M"	7/8-14UNF-2A								1.00-14UNS-2A								9/16-32UN-2A		5/8-32UN-2A		3/4-12UN-2A		3/4-12UN-2A		3/4-12UN-2A				3/4-12UNF-2A		7/8-12UN-2A		7/8-14UNF-2A		15/16-16UN-2A				1.00-14UNS-2A				1.00-12UNF-2A				1.125-12UNF-2A				1.250-12UNF-2A				7/8-12UN-2A																			
Drawing Number		TNZ0001		TNZ0009		TNZ0011		TNZ0002		TNZ0010		TNZ0012		TNZ0013		TNZ0007		TNZ0014		TNZ0004		TNZ0005		TNZ0006		TNZ0015		TNZ0017		TNZ0016																																													
ID Radius	"J"/"K"	0.350	0.350	0.125	0.125	0.125	0.125	0.150	0.150	0.125	0.125	Varies	0.250	Varies	0.250	.125	.125	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.062	1.000	0.125	0.125	Varies	Varies	0.125	0.125	N/A	5°	N/A	5°	N/A	5°	N/A	5°	0.062	1.000																																
		Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle	Length	Angle																																
Bell Side Chamfer	"F"/"G"	0.050	15°	0.050	15°	0.050	15°	0.050	15°	0.050	15°	0.025	20°	0.025	20°	0.030	45°	0.055	15°	0.050	15°	0.050	45°	0.095	20°	0.015	45°	0.050	15°	0.040	20°	0.050	15°	0.127	20°	0.090	20°	0.093	20°	0.015	45°																																		
Orifice Side Chamfer	"H"/"I"	0.020	45°	0.040	45°	0.040	45°	0.020	45°	0.040	45°	0.010	45°	0.010	45°	0.020	45°	0.015	45°	0.015	45°	0.015	45°	0.030	45°	0.015	45°	0.015	45°	REF	REF	0.015	45°	0.030	45°	0.030	45°	0.030	45°	0.015	45°																																		
Bell Side Length (Below Threads)	"L"	0.325	N/A	0.325	N/A	0.254	N/A	0.375	N/A	0.375	N/A	0.104	N/A	0.140	N/A	0.120	N/A	0.310	N/A	0.310	N/A	0.310	N/A	0.456	N/A	0.198	N/A	0.325	N/A	0.200	N/A	0.155	N/A	1.931	N/A	2.377	N/A	2.994	N/A	0.178	N/A																																		
Orifice Size	"B"																																																																										
Blank						YES				YES								YES	YES	YES	YES					YES						YES				YES																																							
6/32"																																																																											
7/32"																																																																											
8/32"																																																																											
9/32"		YES	YES	YES	YES*	YES																		YES			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
10/32"		YES	YES	YES	YES*	YES											YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
11/32"		YES	YES	YES	YES*	YES											YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
12/32"		YES	YES	YES	YES*	YES				YES							YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
13/32"		YES	YES	YES	YES*	YES																		YES			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
14/32"		YES	YES	YES	YES*	YES											YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
15/32"				YES	YES*	YES																		YES			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
16/32"				YES	YES*	YES											YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
18/32"						YES																					YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
20/32"																												YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													
22/32"																												YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES																													

ATI Firth Sterling adds new sizes and styles weekly. Please check with your sales representative or customer service at (800) 899-1234 for availability. Nozzle prints furnished upon request.
 *Some tooling available at time of printing, please inquire on status.

