

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE TTU

TTUXXX

Example: For a tip with .011mm and angle 30° order TTU311
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.007	.009	.011	.013	.015	.017	.019	.021
2-4	(50-102)	10°	107	109	111					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221
6-8	(152-203)	30°	307	309	311	313	315	317	319	321
8-10	(203-254)	40°		409	411	413	415	417	419	421
10-12	(254-305)	50°		509	511	513	515	517	519	521
12-14	(305-356)	60°		609	611	613	615	617	619	621
14-16	(356-406)	70°			711	713	715	717	719	721
16-18	(406-457)	80°					815	817	819	821
18-20	(457-508)	90°						917	919	921



MIX NOZZLE BNK

BNKXXX

Example: For a tip with .011mm and angle 30° order BNK311
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.007	.009	.011	.013	.015	.017	.019	.021
2-4	(50-102)	10°	107	109	111					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221
6-8	(152-203)	30°	307	309	311	313	315	317	319	321
8-10	(203-254)	40°		409	411	413	415	417	419	421
10-12	(254-305)	50°		509	511	513	515	517	519	521
12-14	(305-356)	60°		609	611	613	615	617	619	621
14-16	(356-406)	70°			711	713	715	717	719	721
16-18	(406-457)	80°					815	817	819	821
18-20	(457-508)	90°						917	919	921

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE BERIZZI
BRZ4

Example: For a tip with .011mm and angle 30° order BRZ311
Sizes available in the following table. More sizes available on request

IN	MM	Angle	.007-03	.009-04	.011-06	.013-09	.015-12	.017-14	.019-18	.021-20
2-3	(50-90)	20° - 034	207	209	211	213		217		
3-5	(90-130)	25° - 054	2507	2509	2511	2513			2519	
5-7	(130-170)	30° - 074	307	309	311	313	315	317	319	321
7-8	(170-220)	40° - 094		409	411	413	415	417	419	421
8-10	(220-270)	50° - 114		509	511	513	515	517	519	521
10-11	(270-290)	55° - 134		5509	5511	5513	5515	5517	5519	5521
11-12	(290-320)	60° - 154		609	611	613	615	617	619	621
12-14	(320-370)	70° - 174			711	713	715	717	719	721
14-14	(370-450)	80° - 194								821

MIX NOZZLE BERIZZI
BRZ2

Example: For a tip with .012mm and angle 30° order BRZ312
Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008-03	.010-04	.012-06	.014-09	.016-12	.018-14	.020-18	.022-20
2-3	(50-90)	20° - 032	208	210	212	214		218		
3-5	(90-130)	25° - 052	2508	2510	2512	2514			2520	
5-7	(130-170)	30° - 072	308	310	312	314	316	318	320	322
7-8	(170-220)	40° - 092		410	412	414	416	418	420	422
8-10	(220-270)	50° - 112		510	512	514	516	518	520	522
10-11	(270-290)	55° - 132		5510	5512	5514	5516	5518	5520	5522
11-12	(290-320)	60° - 152		610	612	614	616	618	620	622
12-14	(320-370)	70° - 172					716	718	720	722
14-14	(370-450)	80° - 192								822

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE GWN

GWNXXX

Example: For a tip with .011mm and angle 30° order GWN311
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.007	.009	.011	.013	.015	.017	.019	.021
2-4	(50-102)	10°	107	109	111					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221
6-8	(152-203)	30°	307	309	311	313	315	317	319	321
8-10	(203-254)	40°		409	411	413	415	417	419	421
10-12	(254-305)	50°		509	511	513	515	517	519	521
12-14	(305-356)	60°		609	611	613	615	617	619	621
14-16	(356-406)	70°			711	713	715	717	719	721
16-18	(406-457)	80°					815	817	819	821
18-20	(457-508)	90°						917	919	921

MIX NOZZLE GWN2

GWN2XXX

Example: For a tip with .010mm and angle 30° order GWN2310
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008	.010	.012	.014	.016
4-6	(102-152)	20°	208	210	212		
6-8	(152-203)	30°	308	310	312		
8-10	(203-254)	40°	408	410	412	414	416
10-12	(254-305)	50°		510	512	514	516
12-14	(305-356)	60°		610	612	614	616
14-16	(356-406)	70°		710	712	714	716

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE GNN

GNNXXX

Example: For a tip with .011mm and angle 30° order GNN311
 Sizes available in the following table. More sizes available on request

IN	MM	Angolo	.007	.009	.011	.013	.015	.017	.019	.021
2-4	(50-102)	10°	107	109	111					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221
6-8	(152-203)	30°	307	309	311	313	315	317	319	321
8-10	(203-254)	40°		409	411	413	415	417	419	421
10-12	(254-305)	50°		509	511	513	515	517	519	521
12-14	(305-356)	60°		609	611	613	615	617	619	621
14-16	(356-406)	70°			711	713	715	717	719	721
16-18	(406-457)	80°					815	817	819	821
18-20	(457-508)	90°						917	919	921



MIX NOZZLE GN2 WITH PRE-ORIFICE

GN2XXX

Example: For a tip with .011mm and angle 30° order GN2310
 Sizes available in the following table. More sizes available on request

IN	MM	Angolo	.008	.010	.012	.014	.016
4-6	(102-152)	20°	208	210	212		
6-8	(152-203)	30°	308	310	312		
8-10	(203-254)	40°	408	410	412	414	416
10-12	(254-305)	50°		510	512	514	516
12-14	(305-356)	60°		610	612	614	616
14-16	(356-406)	70°		710	712	714	716

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE WGM

WGMXXX

Example: For a tip with .011mm and angle 30° order WGM311
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.007	.009	.011	.013	.015	.017	.019	.021
2-4	(50-102)	10°	107	109	111					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221
6-8	(152-203)	30°	307	309	311	313	315	317	319	321
8-10	(203-254)	40°		409	411	413	415	417	419	421
10-12	(254-305)	50°		509	511	513	515	517	519	521
12-14	(305-356)	60°		609	611	613	615	617	619	621
14-16	(356-406)	70°			711	713	715	717	719	721
16-18	(406-457)	80°					815	817	819	821
18-20	(457-508)	90°						917	919	921



MIX NOZZLE WGM2 WITH PRE-ORIFICE

WGM2XXX

Example: For a tip with .010mm and angle 30° order WGM2310
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008	.010	.012	.014	.016
4-6	(102-152)	20°	208	210	212		
6-8	(152-203)	30°	308	310	312		
8-10	(203-254)	40°	408	410	412	414	416
10-12	(254-305)	50°		510	512	514	516
12-14	(305-356)	60°		610	612	614	616
14-16	(356-406)	70°		710	712	714	716

AIR-ASSISTED AIRLESS NOZZLES - SIZES AVAILABLE



MIX NOZZLE OPN

OPNXXX

Example: For a tip with .028mm and angle 30° order OPN328
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	0.18 0.007	0.23 .009	0.28 0.011	0.33 0.013	0.38 0.015	0.43 0.017	.048 0.019	.053 0.021
4-6	(102-152)	20°	218	223	228	233	238	243	248	253
6-8	(152-203)	30°	318	323	328	333	338	343	348	353
8-10	(203-254)	40°	418	423	428	433	438	443	448	453
10-12	(254-305)	50°	518	523	528	533	538	543	548	553
12-14	(305-356)	60°	618	623	628	633	638	643	648	653



MIX NOZZLE ON

ONXXX

Example: For a tip with .028mm and angle 30° order ON328
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	0.18 0.007	0.23 .009	0.28 0.011	0.33 0.013	0.38 0.015	0.43 0.017	.048 0.019	.053 0.021
4-6	(102-152)	20°	218	223	228	233	238	243	248	253
6-8	(152-203)	30°	318	323	328	333	338	343	348	353
8-10	(203-254)	40°	418	423	428	433	438	443	448	453
10-12	(254-305)	50°	518	523	528	533	538	543	548	553
12-14	(305-356)	60°	618	623	628	633	638	643	648	653

AIRLESS NOZZLES - SIZES AVAILABLE



ST NOZZLE

STXXX

Example: For a tip with .011mm and angle 30° order ST311
 Sizes available in the following table. More sizes available on request

IN	MM	A°	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049	.051	.053	.055	.063	.065
2-4	(50-102)	10°	107	109	111	113	115	117																					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221	223	225																	
6-8	(152-203)	30°	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343								
8-10	(203-254)	40°	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451	453	455	463	465
10-12	(254-305)	50°		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	555	563	565
12-14	(305-356)	60°		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651	653	655	663	665
14-16	(356-406)	70°				713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	745	747	749	751	753	755	763	765
16-18	(406-457)	80°				813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843								
18-20	(457-508)	90°						917	919	921	923	925	927	929	931	933	935	937	939	941	943								



STANDARD STF NOZZLE

STFXXX

Example: For a tip with .011mm and angle 30° order STF311
 Sizes available in the following table. More sizes available on request

IN	MM	A°	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049	.051	.053	.055	.063	.065
2-4	(50-102)	10°	107	109	111	113	115	117																					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221	223	225																	
6-8	(152-203)	30°	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343								
8-10	(203-254)	40°	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451	453	455	463	465
10-12	(254-305)	50°		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	549	551	553	555	563	565
12-14	(305-356)	60°		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	649	651	653	655	663	665
14-16	(356-406)	70°			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739	741	743	745	747	749	751	753	755	763	765
16-18	(406-457)	80°			811	813	815	817	819	821	823	825	827	829	831	833	835	837	839	841	843								
18-20	(457-508)	90°						917	919	921	923	925	927	929	931	933	935	937	939	941	943								

AIRLESS NOZZLES - SIZES AVAILABLE



FINE FINISH STANDARD NOZZLE

FFXXX

Example: For a tip with .010mm and angle 30° order FF310

Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008	.010	.012	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
2-4	(50-102)	10°	108	110											
4-6	(102-152)	20°	208	210	212	214	216	218			224				232
6-8	(152-203)	30°	308	310	312	314	316	318							
8-10	(203-254)	40°	408	410	412	414	416	418	420				428	430	432
10-12	(254-305)	50°	508	510	512	514	516	518	520	522			528	530	
12-14	(305-356)	60°	608	610	612	614	616	618	620	622	624	626	628		
14-16	(356-406)	70°	708	710	712	714	716	718							
16-18	(406-457)	80°	808	810	812	814	816	818	820	822	824	826	828		832
18-20	(457-508)	90°			912	914		918			924	926			



GRACO® FINE FINISH NOZZLE

FIXXXX

Example: For a tip with .010mm and angle 30° order FIX310

Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008	.010	.012	.014	.016	.018	.020	.022	.024	.026	.028	.030	.032
2-4	(50-102)	10°	108												
4-6	(102-152)	20°	208	210	212	214	216	218			224				232
6-8	(152-203)	30°		310	312	314	316	318							
8-10	(203-254)	40°	408	410	412	414	416	418	420				428	430	432
10-12	(254-305)	50°		510	512	514	516	518	520	522			528	530	
12-14	(305-356)	60°		610	612	614	616	618	620	622	624	626			
14-16	(356-406)	70°			712	714	716	718							
16-18	(406-457)	80°				814	816	818	820	822	824	826	828		832
18-20	(457-508)	90°			912			918			924				

AIRLESS NOZZLES - SIZES AVAILABLE



REVERSIBLE TIP

FM6XXX

Example: For a tip with .011mm and angle 30° order FM6311
 Sizes available in the following table. More sizes available on request

IN	MM	A°	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049	.051	.053	.055	.063	.065
2-4	(50-102)	10°		109	111	113	115	117																					
4-6	(102-152)	20°	207	209	211	213	215	217	219	221	223	225																	
6-8	(152-203)	30°	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339	341	343								
8-10	(203-254)	40°	407	409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439	441	443	445	447	449	451	453	455		465
10-12	(254-305)	50°		509	511	513	515	517	519	521	523	525	527	529	531	533	535		539	541	543	545	547	549	551	553	555	563	565
12-14	(305-356)	60°		609	611	613	615	617	619	621	623	625	627	629	631	633	635		639	641	643	645	647	649	651	653	655	663	665
14-16	(356-406)	70°																											
16-18	(406-457)	80°				813	815	817	819	821	823	825	827	829	831	833	835		839	841	843								
18-20	(457-508)	90°						917	919	921	923	925	927	929	931	933	935		939	941	943								



REVERSIBLE AND PREATOMIZED TIP

FMC6XXX

Example: For a tip with .010mm and angle 30° order FMC6310
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.008	.010	.012	.014	.016	.018
2-4	(5-10)	10°	108	110	112	114		
4-6	(10-15)	20°	208	210	212	214		
6-8	(15-20)	30°	308	310	312	314		
8-10	(20-25.5)	40°	408	410	412	414		
10-12	(25.5-30.5)	50°		510	512	514	516	518
12-14	(30.5-35.5)	60°			612	614	616	618

AIRLESS NOZZLES - SIZES AVAILABLE



REVERSIBLE LINE MARKING TIP

FMLMXXX

Example: For a tip with .013mm and angle 20° order FMLM213
 Sizes available in the following table. More sizes available on request

IN	MM	Angle	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.035
4-6	(10-15)	20°	213	215	217	219							
6-8	(15-20)	30°		315	317	319	321	323	325	327	329	331	
8-10	(20-25.5)	40°			417	419	421	423	425	427	429	431	435
12-14	(30.5-35.5)	60°					621	623	625	627	629	631	635



RAC5 REVERSIBLE TIP

RACXXX

Example: For a tip with .011mm and angle 30° order RACV311
 Sizes available in the following table. More sizes available on request

IN	MM	A°	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.049
2-4	(50-102)	10°		109	111	113	115		119															
4-6	(102-152)	20°	207	209	211	213	215	217	219	221	223	225					235							
6-8	(152-203)	30°	307	309	311	313	315	317	319	321	323	325	327		331									
8-10	(203-254)	40°		409	411	413	415	417	419	421	423	425	427	429	431	433	435	439	443		451	455		
10-12	(254-305)	50°		509	511	513	515	517	519	521	523	525	527	529	531	533	535		543		551	555	563	
12-14	(305-356)	60°		609	611	613	615	617	619	621	623	625	627	629	631	633	635			645		655		665
14-16	(356-406)	70°								721	723	725		729			735							
16-18	(406-457)	80°					815	817	819	821			827		831	833	835							
18-20	(457-508)	90°						917									935							