

PRO-STEP Nozzles, Rectangular (page 1 of 4)

COMPONENT	COMPONENT	NOZZLE I.D.=	NOZZLE O.D	NOZZLE	NOZZLE		NOZZLE
OUTSIDE	OUTSIDE	COMPONENT	w/o deflectors	MIN O.D.	MAX O.D.		ASSY. No.
DIMENSION	DIMENSION	O.D. + .118	A+0.060	B+.020	B+.120		
(mm)	(Inches)	(+.020/-.000)	(+.020/-.000)	(+.022/-.000)	(+.035/-.015)		
		"A"	"B"	"C"	"D"		
2.0 EXTENDED	0.079	0.197	0.257	0.277	0.377		247-007-00
3	0.118	0.236	0.296	0.316	0.416		
2	0.079	0.197	0.257	0.277	0.377		9049-0223-00
4.5	0.177	0.236	0.296	0.316	0.416		
2	0.079	0.197	0.257	0.277	0.377		9049-0071-00
6.5	0.256	0.374	0.434	0.454	0.554		
3	0.118	0.236	0.296	0.316	0.416		1-91-30881
4	0.157	0.275	0.335	0.355	0.455		
3	0.118	0.236	0.296	0.316	0.416		9049-0048-00
15	0.591	0.709	0.769	0.789	0.889		
3	0.118	0.236	0.296	0.316	0.416		9049-0155-00
35.5	1.398	1.516	1.576	1.596	1.696		
3.5	0.138	0.256	0.316	0.336	0.436		9049-0178-00
9.0	0.354	0.472	0.532	0.552	0.652		
3.5	0.138	0.256	0.316	0.336	0.436		9049-0075-00
11.5	0.453	0.571	0.631	0.651	0.751		
4	0.157	0.275	0.335	0.355	0.455		9049-0089-00
4	0.157	0.275	0.335	0.355	0.455		
4	0.157	0.275	0.335	0.355	0.455		9049-0105-00
5	0.197	0.315	0.375	0.395	0.495		
4	0.157	0.275	0.335	0.355	0.455		9049-0179-00
9	0.354	0.472	0.532	0.552	0.652		
4	0.157	0.275	0.335	0.355	0.455		9049-0049-00
10	0.394	0.512	0.572	0.592	0.692		
4	0.157	0.275	0.335	0.355	0.455		9049-0050-00
17	0.669	0.787	0.847	0.867	0.967		
4	0.157	0.275	0.335	0.355	0.455		9049-0051-00
22	0.866	0.984	1.044	1.064	1.164		
4.5 NO DEFLECT.	0.177	0.295	0.355	0.375	0.475		247-008-00
9.0	0.354	0.472	0.532	0.552	0.652		NO DEFLECTOR
4.8	0.187	0.305	0.365	0.385	0.485		1-91-30516
41.2	1.622	1.740	1.800	1.820	1.920		
5.0	0.197	0.315	0.375	0.395	0.495		9049-0085-00
6.5	0.256	0.374	0.434	0.454	0.554		
5.0 EXTENDED	0.197	0.315	0.375	0.395	0.495		247-006-00
6.0	0.236	0.354	0.414	0.434	0.534		EXTENDED
5.0 NO DEFLECT.	0.197	0.315	0.375	0.395	0.495		247-006-01
6.0	0.236	0.354	0.414	0.434	0.534		
5	0.197	0.315	0.375	0.395	0.495		9049-0073-00
7	0.276	0.394	0.454	0.474	0.574		
5	0.197	0.315	0.375	0.395	0.495		9049-0074-00
7.5	0.295	0.413	0.473	0.493	0.593		
5.0	0.197	0.315	0.375	0.395	0.495		9049-0098-00
11.5	0.453	0.571	0.631	0.651	0.751		
5	0.197	0.315	0.375	0.395	0.495		9049-0052-00
13	0.512	0.630	0.690	0.710	0.810		
5	0.197	0.315	0.375	0.395	0.495		9049-0053-00
14	0.551	0.669	0.729	0.749	0.849		
5	0.197	0.315	0.375	0.395	0.495		9049-0224-00
30	1.181	1.299	1.359	1.379	1.479		
5.5	0.216	0.334	0.394	0.414	0.514		1-91-30793
5.2	0.206	0.324	0.384	0.404	0.504		
5.5	0.217	0.335	0.395	0.415	0.515		9049-0045-00
26.5	1.043	1.161	1.221	1.241	1.341		
5.5	0.217	0.335	0.395	0.415	0.515		9049-0234-00
28	1.102	1.220	1.280	1.300	1.400		
5.6	0.220	0.338	0.398	0.418	0.518		1-91-30886
16	0.630	0.748	0.808	0.828	0.928		
5.8	0.227	0.345	0.405	0.425	0.525		1-91-30882
7.9	0.310	0.428	0.488	0.508	0.608		
5.8	0.227	0.345	0.405	0.425	0.525		1-91-30531
69.7	2.742	2.860	2.920	2.940	3.040		
5.8	0.228	0.346	0.406	0.426	0.526		1-91-30767
25.8	1.016	1.134	1.194	1.214	1.314		

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COMPONENT	COMPONENT	NOZZLE I.D.=	NOZZLE O.D	NOZZLE	NOZZLE	NOZZLE
OUTSIDE	OUTSIDE	COMPONENT	w/o deflectors	MIN O.D.	MAX O.D.	ASSY. No.
DIMENSION	DIMENSION	O.D. + .118	A+0.060	B+.020	B+.120	
(mm)	(Inches)	(+.020/-.000)	(+.020/-.000)	(+.022/-.000)	(+.035/-.015)	
		"A"	"B"	"C"	"D"	
6	0.236	0.354	0.414	0.434	0.534	1-91-30913
8	0.315	0.433	0.493	0.513	0.613	
6	0.236	0.354	0.414	0.434	0.534	9049-0054-00
22	0.866	0.984	1.044	1.064	1.164	
6	0.236	0.354	0.414	0.434	0.534	9049-0055-00
33	1.299	1.417	1.477	1.497	1.597	
6	0.236	0.354	0.414	0.434	0.534	9049-0056-00
37	1.457	1.575	1.635	1.655	1.755	
6	0.236	0.354	0.414	0.434	0.534	9049-0235-00
38	1.496	1.614	1.674	1.694	1.794	
6	0.236	0.354	0.414	0.434	0.534	9049-0091-00
54	2.126	2.244	2.304	2.324	2.424	
6	0.236	0.354	0.414	0.434	0.534	9049-0092-00
62	2.441	2.559	2.619	2.639	2.739	
6	0.236	0.354	0.414	0.434	0.534	9049-0253-00
100	3.937	4.055	4.115	4.135	4.235	reverse step
6.4	0.252	0.370	0.430	0.450	0.550	1-91-30807
10.1	0.398	0.516	0.576	0.596	0.696	
6.45	0.254	0.372	0.432	0.452	0.552	1-91-30808
6.9	0.272	0.390	0.450	0.470	0.570	
6.5	0.256	0.374	0.434	0.454	0.554	1-91-30809
13	0.512	0.630	0.690	0.710	0.810	
6.5	0.256	0.374	0.434	0.454	0.554	247-013-00
14.5	0.571	0.689	0.749	0.769	0.869	
6.5	0.256	0.374	0.434	0.454	0.554	9049-0305-00
36.0	1.417	1.535	1.595	1.615	1.715	
6.5	0.256	0.374	0.434	0.454	0.554	9049-0222-00
42	1.654	1.772	1.832	1.852	1.952	
6.5	0.256	0.374	0.434	0.454	0.554	9049-0046-00
46	1.811	1.929	1.989	2.009	2.109	
6.8	0.268	0.386	0.446	0.466	0.566	1-91-30761
27.8	1.094	1.212	1.272	1.292	1.392	
7	0.276	0.394	0.454	0.474	0.574	9049-0070-00
11	0.433	0.551	0.611	0.631	0.731	
7	0.276	0.394	0.454	0.474	0.574	9049-0161-00
28.5	1.122	1.240	1.300	1.320	1.420	
7	0.276	0.394	0.454	0.474	0.574	9049-0093-00
54	2.126	2.244	2.304	2.324	2.424	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0282-00
10.0	0.394	0.512	0.572	0.592	0.692	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0262-00
19.5	0.768	0.886	0.946	0.966	1.066	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0134-00
31.5	1.240	1.358	1.418	1.438	1.538	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0260-00
42	1.654	1.772	1.832	1.852	1.952	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0083-00
55.5	2.185	2.303	2.363	2.383	2.483	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0261-00
61	2.402	2.520	2.580	2.600	2.700	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0166-00
61.5	2.421	2.539	2.599	2.619	2.719	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0082-00
81	3.189	3.307	3.367	3.387	3.487	
7.5	0.295	0.413	0.473	0.493	0.593	9049-0259-00
101	3.976	4.094	4.154	4.174	4.274	Reversed
7.5	0.295	0.413	0.473	0.493	0.593	247-027-00
110	4.331	4.449	4.509	4.529	4.629	
7.7	0.302	0.420	0.480	0.500	0.600	1-91-30792
16.4	0.644	0.762	0.822	0.842	0.942	
7.7	0.303	0.421	0.481	0.501	0.601	247-011-00
8.8	0.344	0.462	0.522	0.542	0.642	

PRO-STEP Nozzles, Rectangular (page 3 of 4)

COMPONENT	COMPONENT	NOZZLE I.D.=	NOZZLE O.D	NOZZLE	NOZZLE	NOZZLE
OUTSIDE	OUTSIDE	COMPONENT	w/o deflectors	MIN O.D.	MAX O.D.	ASSY. No.
DIMENSION	DIMENSION	O.D. + .118	A+0.060	B+.020	B+.120	
(mm)	(Inches)	(+.020/- .000)	(+.020/- .000)	(+.022/- .000)	(+.035/- .015)	
		"A"	"B"	"C"	"D"	
8	0.315	0.433	0.493	0.513	0.613	9049-0057-00
13	0.512	0.630	0.690	0.710	0.810	
8	0.315	0.433	0.493	0.513	0.613	9049-0006-00
16	0.630	0.748	0.808	0.828	0.928	
8	0.315	0.433	0.493	0.513	0.613	9049-0270-00
27	1.063	1.181	1.241	1.261	1.361	
8	0.315	0.433	0.493	0.513	0.613	9049-0058-00
28	1.102	1.220	1.280	1.300	1.400	
8	0.315	0.433	0.493	0.513	0.613	9049-0218-00
33	1.299	1.417	1.477	1.497	1.597	
8	0.315	0.433	0.493	0.513	0.613	9049-0059-00
37	1.457	1.575	1.635	1.655	1.755	
8	0.315	0.433	0.493	0.513	0.613	9049-0111
40	1.575	1.693	1.753	1.773	1.873	
8	0.315	0.433	0.493	0.513	0.613	1-91-30907
86	3.386	3.504	3.564	3.584	3.684	
8	0.315	0.433	0.493	0.513	0.613	9049-0344-00
100	3.937	4.055	4.115	4.135	4.235	Reverse
8.17	0.322	0.440	0.500	0.520	0.620	1-91-30794
12.70	0.500	0.618	0.678	0.698	0.798	
9.0	0.354	0.472	0.532	0.552	0.652	9049-0238-00
13.0	0.512	0.630	0.690	0.710	0.810	
9.0	0.354	0.472	0.532	0.552	0.652	9049-0370-00
16.5	0.650	0.768	0.828	0.848	0.948	
9.0	0.354	0.472	0.532	0.552	0.652	9049-0379-00
22.5	0.886	1.004	1.064	1.084	1.184	
9.0	0.354	0.472	0.532	0.552	0.652	9049-0350-00
50.0	1.969	2.087	2.147	2.167	2.267	
9.0	0.354	0.472	0.532	0.552	0.652	9049-0342-00
148.5	5.846	5.964	6.024	6.044	6.144	Reverse w/ baffle w/o def
9.5	0.374	0.492	0.552	0.572	0.672	9049-0067-00
13.5	0.531	0.649	0.709	0.729	0.829	
10	0.394	0.512	0.572	0.592	0.692	9049-0060-00
11	0.433	0.551	0.611	0.631	0.731	
10	0.394	0.512	0.572	0.592	0.692	9049-0240-00
12.5	0.492	0.610	0.670	0.690	0.790	
10	0.394	0.512	0.572	0.592	0.692	9049-0303-00
13	0.512	0.630	0.690	0.710	0.810	
10	0.394	0.512	0.572	0.592	0.692	9049-0068-00
14	0.551	0.669	0.729	0.749	0.849	
10	0.394	0.512	0.572	0.592	0.692	9049-0061-00
24	0.945	1.063	1.123	1.143	1.243	
10	0.394	0.512	0.572	0.592	0.692	9049-0062-00
33	1.299	1.417	1.477	1.497	1.597	
10	0.394	0.512	0.572	0.592	0.692	9049-0331-00
37.5	1.476	1.594	1.654	1.674	1.774	w/ baffle w/o def
10	0.394	0.512	0.572	0.592	0.692	9049-0088-00
57	2.244	2.362	2.422	2.442	2.542	
10	0.394	0.512	0.572	0.592	0.692	9049-0330-00
66	2.598	2.716	2.776	2.796	2.896	
10.5	0.413	0.531	0.591	0.611	0.711	9049-0263-00
19.5	0.768	0.886	0.946	0.966	1.066	
10.5	0.413	0.531	0.591	0.611	0.711	9049-0340-00
42.5	1.673	1.791	1.851	1.871	1.971	
11	0.433	0.551	0.611	0.631	0.731	9049-0296-00
12.5	0.492	0.610	0.670	0.690	0.790	
11	0.433	0.551	0.611	0.631	0.731	9049-0063-00
13	0.512	0.630	0.690	0.710	0.810	
12.6	0.496	0.614	0.674	0.694	0.794	9049-0007-00
13.1	0.516	0.634	0.694	0.714	0.814	
13.5	0.531	0.649	0.709	0.729	0.829	9049-0353-00
93.0	3.661	3.779	3.839	3.859	3.959	