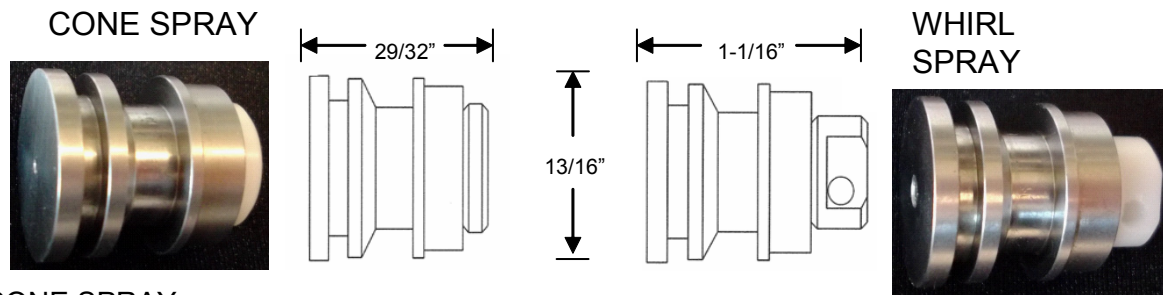


FLUSH-FIT™ TYPE “603-2801”

Type 603-2801 FLUSH-FIT™ staple locking spray nozzles produce a precision uniform spray are generally used in Longwall and Continuous Miner applications.

The Type 603-2801 FLUSH-FIT™ staple locking nozzle is available in 303 stainless steel, manufactured by HAHN Industries, a Division of Steinen.



CONE SPRAY

Steinen Part #	INLET DIAMETERS (2 inlets at 35° angles with a .032" center inlet)		OUTLET ORIFICE		RATED CAPACITY (gallons/minute)					SPRAY ANGLE (approx.)
	Decimal	Fraction	MM	Inches	40 PSI	100 PSI	150 PSI	200 PSI	250 PSI	@ 100 PSI
603-2801-10-SC	.078"	5/64"	1.0	0.039	0.25	0.38	0.46	0.53	0.59	25°
603-2801-12-1.2C	.078"	5/64"	1.2	0.047	0.28	0.45	0.55	0.63	0.70	30°
603-2801-16-CC (1/16")	.078"	5/64"	1.6	0.063	0.62	0.93	1.13	1.30	1.45	50°
603-2801-20-MC	.078"	5/64"	2.0	0.079	0.78	1.19	1.45	1.67	1.86	60°
603-2801-24-DC (3/32")	.078"	5/64"	2.4	0.094	1.07	1.50	1.83	2.11	2.35	65°
603-2801-30-TC	.078"	5/64"	3.0	0.118	1.14	1.74	2.13	2.45	2.73	65°

WHIRL SPRAY

Steinen Part #	INLET		OUTLET ORIFICE		RATED CAPACITY (gallons/minute)					SPRAY ANGLE (approx.)
	Decimal	Fraction	MM	Inches	40 PSI	100 PSI	150 PSI	200 PSI	250 PSI	@ 100 PSI
603-2801-10-SW	.125"	1/8"	1.0	0.039	0.22	0.33	0.40	0.46	0.51	25°
603-2801-12-1.2W	.125"	1/8"	1.2	0.047	0.24	0.38	0.46	0.53	0.59	30°
603-2801-16-CW (1/16")	.125"	1/8"	1.6	0.063	0.40	0.62	0.75	0.86	0.96	40°
603-2801-20-MW	.125"	1/8"	2.0	0.079	0.53	0.82	1.00	1.15	1.28	45°
603-2801-24-DW (3/32")	.125"	1/8"	2.4	0.094	0.68	1.06	1.29	1.48	1.65	60°
603-2801-30-TW	.125"	1/8"	3.0	0.118	0.88	1.37	1.67	1.92	2.14	70°

JET SPRAY (No inlet orifice insert)

Steinen Part #	INLET	OUTLET ORIFICE		RATED CAPACITY (gallons/minute)					SPRAY ANGLE (approx.)
	No Insert	MM	Inches	40 PSI	100 PSI	150 PSI	200 PSI	250 PSI	@ 100 PSI
603-2801-10-SJ	None	1.0	0.039	0.22	0.34	0.41	0.47	0.52	0°
603-2801-12-1.2J	None	1.2	0.047	0.25	0.40	0.48	0.55	0.61	0°
603-2801-16-CJ (1/16")	None	1.6	0.063	0.58	0.91	1.11	1.28	1.43	0°
603-2801-20-MJ	None	2.0	0.079	0.78	1.22	1.49	1.72	1.92	0°
603-2801-24-DJ (3/32")	None	2.4	0.094	1.24	1.92	2.35	2.71	3.02	0°
603-2801-30-TJ	None	3.0	0.118	1.91	2.76	3.66	4.22	4.71	0°