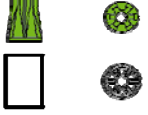


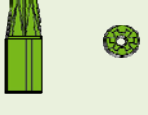


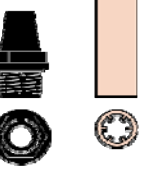




NOZZLE AND VANE COMBINATION

	DESCRIPTION	NOZZLE SIZES	ILLUSTRATION
Standard Nozzle and Stream-Straightening Vane (white) (20, 30, 40, 50 Series Impacts, Xcel, Standard & Low-Angle Wobblers)	Nozzle sizes are color-coded. Vane maximized throw over a wide range of pressures.	6 to 18	
Standard Nozzle and Barrel Cylinder (blue) (30, 40, and 50 F-luent Master Series)	Nozzle sizes are color-coded. Barrel cylinder has a larger passageway to minimize the chance of clogging.	6 to 18	
Standard Nozzle and Spiral Vane (red) (20, 30, 40 and 50 Series)	Nozzle sizes are color-coded. Spiral vane achieves better stream breakup (<i>improves uniformity especially at lower pressures</i>).	6 to 18	
Standard (Stream-Straightening) One-Piece Nozzle / Vane (20 and 30 Series)	Nozzle sizes are color-coded. Designed to optimize throw over a wide range of pressures. One-piece nozzle design eliminates the possibility of losing the vane when removing the nozzle under pressure.	5 to 10	
Square One-Piece Nozzle / Vane (20 and 30 Series)	Nozzle sizes are color-coded. Square orifice for better stream breakup (<i>improves uniformity especially at lower pressures</i>). One-piece nozzle design eliminates the possibility of losing the vane when removing the nozzle under pressure.	6 to 10	
Range Nozzle and Stream-Straightening Vane (yellow) (70 Series)	Nozzle sizes are molded into hex. Vane maximizes throw over a wide range of pressures.	14 to 26	
Range Nozzle and Effluent Vane (brown) (70 Series F-luent-Master)	Nozzle sizes are molded into hex. Effluent vane has large passageway to minimize the chance of clogging.	14 to 26	
Range Nozzle and Stream-Straightening Vane (black) (80 Series)	Nozzle sizes are molded on the end of nozzle. Vane maximizes throw over a wide range of pressures. Large passageway minimizes the chance of clogging.	22 to 40	
Super Spray Nozzle	Color-coded nozzles can be installed or removed by hand.	4 to 26	

Nozzle Holders

Nozzle holders for the 20, 30, 40 and 50 series impacts are available in two styles: winged (*which can be tightened by hand*) or hex nut (*which requires a wrench*).

