LINESIDE DISPENSING

Large bore and valve nozzles

Specification sheet

Built November 21, 2026

Large-Bore Dispensing Valve Nozzles

LS-DSP-109

These polypropylene valve nozzles fit on dispensing valve outlets for bead and dot work with adhesives, sealants and greases. Two plug versions are included for applications that need the nozzle outlet sealed.

Open nozzles come in yellow at 0.5 and 0.55 mm ID and in blue at 0.8 mm ID, with overall lengths of 48 to 100 mm (1.89 to 3.94 in.). The plug versions, one round and one T-shaped, have a 1.45 to 1.46 mm bore and are about 35 mm long. Lengths and bores outside this list are made to order.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	MATERIAL	COLOR
LS-DSP-109-TT2	34.8	1.37	1.46	Polypropylene	
LS-DSP-109-TT1	35.7	1.41	1.45	Polypropylene	
LS-DSP-109-NO2	48	1.89	0.5	Polypropylene	Yellow
LS-DSP-109-NO1	50	1.97	0.55	Polypropylene	Yellow
LS-DSP-109-BLU1	70	2.76	0.8	Polypropylene	Blue
LS-DSP-109-BLU2	100	3.94	0.8	Polypropylene	Blue

Extended Large-Bore Dispensing Needles

LS-DSP-135

Extended large-bore needles move high volumes of thick material over a long reach, such as sealant or grease into deep cavities. Each needle can be made with a flat tip for general dispensing or a pointed tip where needed.

Four large bores are listed: 8 gauge (3.5 mm ID), 10 gauge (2.85 mm ID), 11 gauge (2.45 mm ID) and 12 gauge (2.3 mm ID). Exposed lengths run from 60 mm to 250 mm.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-135-12G-60MM	12G	60	2.362	2.3	2.8	Metal
LS-DSP-135-12G-80MM	12G	80	3.15	2.3	2.8	Metal
LS-DSP-135-12G-100MM	12G	100	3.937	2.3	2.8	Metal
LS-DSP-135-12G-108MM	12G	108	4.252	2.3	2.8	Metal
LS-DSP-135-12G-120MM	12G	120	4.724	2.3	2.8	Metal
LS-DSP-135-12G-150MM	12G	150	5.906	2.3	2.8	Metal

Lineside is a trade name of RNC Group Ltd. Specifications are for identification; confirm with your quotation.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-135-12G-180MM	12G	180	7.087	2.3	2.8	Metal
LS-DSP-135-12G-200MM	12G	200	7.874	2.3	2.8	Metal
LS-DSP-135-12G-241MM	12G	241	9.488	2.3	2.8	Metal
LS-DSP-135-12G-250MM	12G	250	9.843	2.3	2.8	Metal
LS-DSP-135-11G-60MM	11G	60	2.362	2.45	2.95	Metal
LS-DSP-135-11G-80MM	11G	80	3.15	2.45	2.95	Metal
LS-DSP-135-11G-100MM	11G	100	3.937	2.45	2.95	Metal
LS-DSP-135-11G-120MM	11G	120	4.724	2.45	2.95	Metal
LS-DSP-135-11G-150MM	11G	150	5.906	2.45	2.95	Metal
LS-DSP-135-11G-200MM	11G	200	7.874	2.45	2.95	Metal
LS-DSP-135-11G-250MM	11G	250	9.843	2.45	2.95	Metal
LS-DSP-135-10G-60MM	10G	60	2.362	2.85	3.45	Metal
LS-DSP-135-10G-80MM	10G	80	3.15	2.85	3.45	Metal
LS-DSP-135-10G-100MM	10G	100	3.937	2.85	3.45	Metal
LS-DSP-135-10G-120MM	10G	120	4.724	2.85	3.45	Metal
LS-DSP-135-10G-150MM	10G	150	5.906	2.85	3.45	Metal
LS-DSP-135-10G-200MM	10G	200	7.874	2.85	3.45	Metal
LS-DSP-135-8G-60MM	8G	60	2.362	3.5	4	Metal
LS-DSP-135-8G-80MM	8G	80	3.15	3.5	4	Metal
LS-DSP-135-8G-100MM	8G	100	3.937	3.5	4	Metal
LS-DSP-135-8G-120MM	8G	120	4.724	3.5	4	Metal
LS-DSP-135-8G-150MM	8G	150	5.906	3.5	4	Metal
LS-DSP-135-8G-200MM	8G	200	7.874	3.5	4	Metal