Multi-Outlet Metal-Base Dispensing Needles

LS-DSP-133

Multi-outlet metal-base needles dispense to several points in one stroke. Two or three stainless steel tubes share one metal base, which suits robot and automated cells applying repeated dot or bead patterns.

We list 2-outlet and 3-outlet versions in 18, 20 and 22 gauge, IDs 0.41 to 0.84 mm, with 1 in. tubes. Each tube is Type 304 stainless steel. Outlet count, spacing, gauge and length are configured to your process.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-133-22G-1IN-3OUT	22G	25.4	1	0.41	0.72	Stainless 304 + metal hub	
LS-DSP-133-22G-1IN-2OUT	22G	25.4	1	0.41	0.72	Stainless 304 + metal hub	
LS-DSP-133-20G-1IN-2OUT	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Other
LS-DSP-133-20G-1IN-3OUT	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Other
LS-DSP-133-18G-1IN-3OUT	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	
LS-DSP-133-18G-1IN-2OUT	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	

Extended-Reach Dispensing Needles

LS-DSP-132

Extended-reach dispensing needles put fluid into recessed and deep assembly points that standard 1/2 and 1 in. needles cannot reach. They come with a rigid stainless steel tube or a polypropylene tube, depending on whether the job needs stiffness or flex.

We list 14, 18 and 22 gauge, IDs 0.41 to 1.6 mm, in 1.5, 2 and 3 in. lengths, with polypropylene hubs color-coded by gauge. Tube material, gauge, length and connection are configured to your process.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-132-22G-1.5IN-SS	22G	38.1	1.5	0.41	0.72	Stainless 304 + PP hub		Blue
LS-DSP-132-22G-3IN-SS	22G	76.2	3	0.41	0.72	Stainless 304 + PP hub		Blue
LS-DSP-132-18G-2IN-PP	18G	50.8	2	0.84	1.27	Polypropylene	Other	
LS-DSP-132-18G-2IN-SS	18G	50.8	2	0.84	1.27	Stainless 304 + PP hub	Other	Green
LS-DSP-132-14G-1.5IN-SS	14G	38.1	1.5	1.6	2.11	Stainless 304 + PP hub		Olive
LS-DSP-132-14G-3IN-SS	14G	76.2	3	1.6	2.11	Stainless 304 + PP hub		Olive

Non-Magnetic Dispensing Needles

LS-DSP-137

Non-magnetic dispensing needles are for processes that need a needle with low magnetic response, for example dispensing close to magnets or magnetic components. Because the property depends on the tube alloy, confirm it with us against your process before ordering.

We list 16, 20 and 25 gauge, IDs 0.25 to 1.19 mm, in 1/2 and 1 in. lengths. Tubes sit in polypropylene hubs color-coded by gauge. Gauges and lengths outside this list are made to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-137-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + PP hub		Red

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-137-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + PP hub	Other	Red
LS-DSP-137-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + PP hub		Pink
LS-DSP-137-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + PP hub	Other	Pink

Dual-Outlet Plastic-Base Dispensing Needles

LS-DSP-134

Dual-outlet plastic-base needles apply two dots or beads at once from a single dispense. Two parallel stainless steel tubes share one plastic base, a lighter option than a metal-base multi-outlet needle for two-point work.

We list 18, 20, 22 and 25 gauge, IDs 0.25 to 0.84 mm, in 1/2 and 1 in. lengths. Bases are polypropylene, color-coded by gauge. Tube spacing, diameter and length are set to your process.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-134-25G-1IN-2OUT	25G	25.4	1	0.25	0.51	Stainless 304 + PP hub	Other	Red
LS-DSP-134-22G-0.5IN-2OUT	22G	12.7	0.5	0.41	0.72	Stainless 304 + PP hub		Blue
LS-DSP-134-22G-1IN-2OUT	22G	25.4	1	0.41	0.72	Stainless 304 + PP hub		Blue
LS-DSP-134-20G-1IN-2OUT	20G	25.4	1	0.6	0.91	Stainless 304 + PP hub	Other	Pink
LS-DSP-134-18G-0.5IN-2OUT	18G	12.7	0.5	0.84	1.27	Stainless 304 + PP hub		Green
LS-DSP-134-18G-1IN-2OUT	18G	25.4	1	0.84	1.27	Stainless 304 + PP hub		Green

One-Piece Polypropylene Dispensing Needles

LS-DSP-106

One-piece polypropylene dispensing needles are molded as a single part, with no bonded joint between hub and tube and no metal in the fluid path. All-plastic construction is a common choice for cyanoacrylates and anaerobic adhesives, and for filled materials.

We list six gauges: 18, 19, 20, 22, 25 and 27, with IDs from 0.21 to 0.84 mm and ODs from 0.72 to 1.25 mm. Overall lengths are 55.2 to 57.7 mm (2.17 to 2.27 in.). Other gauges are made to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-106-27G	27G	57.7	2.27	0.21	0.72	Polypropylene
LS-DSP-106-25G	25G	55.2	2.17	0.26	0.78	Polypropylene
LS-DSP-106-22G	22G	57	2.24	0.42	0.75	Polypropylene
LS-DSP-106-20G	20G	57	2.24	0.6	0.85	Polypropylene
LS-DSP-106-19G	19G	57.5	2.26	0.72	1	Polypropylene
LS-DSP-106-18G	18G	57	2.24	0.84	1.25	Polypropylene