

Double-Thread Metal Dispensing Needles

LS-DSP-121

Double-thread metal dispensing needles have two thread sections on one metal base. They are made for equipment that connects the needle in two stages, rather than with a single thread.

Each needle has a Type 304 stainless steel tube on a dual-thread metal base. Gauges run 14, 18, 20 and 25, with bores from 0.25 to 1.6 mm, and tubes are 1/2 or 1 in. long. Both thread sizes are set to your equipment, so send a drawing or sample with the first order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-121-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + metal hub	Threaded
LS-DSP-121-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + metal hub	Threaded
LS-DSP-121-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-121-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-121-18G-0.5IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-121-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-121-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-121-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded

Large Pointed Threaded Dispensing Needles

LS-DSP-119

Large pointed threaded dispensing needles have a sharpened tip rather than a blunt end. They are used where the needle has to pass through a seal or film before it dispenses. Handle them as sharps.

Each needle has a Type 304 stainless steel tube in a threaded metal base. The range sticks to larger bores: 14, 16, 18 and 20 gauge, IDs 0.6 to 1.6 mm, in 1 and 1.5 in. lengths. Point form, length and thread size are configured to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-119-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	
LS-DSP-119-20G-1.5IN	20G	38.1	1.5	0.6	0.91	Stainless 304 + metal hub	
LS-DSP-119-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	
LS-DSP-119-18G-15IN	18G	38.1	1.5	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-119-16G-1IN	16G	25.4	1	1.19	1.65	Stainless 304 + metal hub	
LS-DSP-119-16G-1.5IN	16G	38.1	1.5	1.19	1.65	Stainless 304 + metal hub	
LS-DSP-119-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-119-14G-1.5IN	14G	38.1	1.5	1.6	2.11	Stainless 304 + metal hub	

M6 Threaded Plastic-Hub Dispensing Needles

LS-DSP-126

M6 threaded plastic-hub needles screw straight into M6 machine outlets, so no Luer-to-thread adapter is needed. They are used on valves and heads built with a metric threaded nozzle mount.

Each needle has a Type 304 stainless steel tube in a polypropylene hub with an M6 x 0.8 mm external thread. Color-coded hubs cover 14, 18, 20 and 22 gauge, with bores of 0.41 to 1.6 mm and tube lengths of 1/2 and 1 in. Other gauges and lengths can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-126-22G-0.5IN	22G	12.7	0.5	0.41	0.72	Stainless 304 + PP hub	M6	Blue
LS-DSP-126-22G-1IN	22G	25.4	1	0.41	0.72	Stainless 304 + PP hub	M6	Blue

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-126-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + PP hub	M6	Pink
LS-DSP-126-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + PP hub	M6	Pink
LS-DSP-126-18G-05IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + PP hub	M6	Green
LS-DSP-126-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + PP hub	M6	Green
LS-DSP-126-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + PP hub	M6	Olive
LS-DSP-126-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + PP hub	M6	Olive

Hex-Base Soldered Dispensing Needles

LS-DSP-122

Hex-base soldered needles mount on equipment with a male thread. The hexagonal base takes a wrench, so the needle can be tightened firmly and removed cleanly.

Each needle has a Type 304 stainless steel tube soldered into a hex metal base with an internal thread. Four gauges are listed, from 14 gauge at 1.6 mm ID down to 22 gauge at 0.41 mm ID, each in 1/2 and 1 in. Base thread size is configured to your equipment.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-122-22G-0.5IN	22G	12.7	0.5	0.41	0.72	Stainless 304 + metal hub	Threaded
LS-DSP-122-22G-1IN	22G	25.4	1	0.41	0.72	Stainless 304 + metal hub	Threaded
LS-DSP-122-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-122-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-122-18G-05IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-122-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	Threaded

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-122-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-122-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded

Solder-Reinforced Threaded Dispensing Needles

[LS-DSP-120](#)

Solder-reinforced threaded needles are externally threaded metal-base needles where the tube is soldered into the base. They are specified for machine mounts where the tube joint takes repeated handling during tip changes.

Each needle has a Type 304 stainless steel tube soldered into a threaded metal base. The listed range is 14 to 22 gauge (14, 18, 20, 22), IDs 0.41 to 1.6 mm, at 1/2 and 1 in. Thread size and tube length are configured to your equipment.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-120-22G-0.5IN	22G	12.7	0.5	0.41	0.72	Stainless 304 + metal hub	Threaded
LS-DSP-120-22G-1IN	22G	25.4	1	0.41	0.72	Stainless 304 + metal hub	Threaded
LS-DSP-120-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-120-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-120-18G-0.5IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-120-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-120-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-120-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded

Female Luer Connection Dispensing Needles

LS-DSP-125

Female Luer connection needles have a plastic hub with a female Luer-type socket. They connect to male Luer outlets on syringes, valves and adapters. Connection details vary between machines, so check the lock form against your equipment.

Each needle has a Type 304 stainless steel tube in a polypropylene hub. The hubs are color-coded across four gauges, 14, 18, 20 and 25, covering IDs of 0.25 to 1.6 mm at 1/2 or 1 in. long.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-125-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + PP hub	Luer lock	Red
LS-DSP-125-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + PP hub	Other	Red
LS-DSP-125-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + PP hub	Luer lock	Pink
LS-DSP-125-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + PP hub	Luer lock	Pink
LS-DSP-125-18G-05IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + PP hub	Other	Green
LS-DSP-125-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + PP hub	Luer lock	Green
LS-DSP-125-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + PP hub	Luer lock	Olive
LS-DSP-125-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + PP hub	Luer lock	Olive

Special-Base Dispensing Needles

LS-DSP-124

Special-base dispensing needles are for equipment that does not take a standard Luer or threaded needle. The metal base is shaped to the machine connection, for example round or square.

A Type 304 stainless steel tube is fixed to a round or square metal base. Listed sizes are 14, 18, 20 and 22 gauge with 0.41 to 1.6 mm IDs, in 1/2 and 1 in. Base shape and dimensions are built to your equipment drawing.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-124-22G-0.5IN	22G	12.7	0.5	0.41	0.72	Stainless 304 + metal hub	Threaded
LS-DSP-124-22G-1IN	22G	25.4	1	0.41	0.72	Stainless 304 + metal hub	Other
LS-DSP-124-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-124-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-124-18G-0.5IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + metal hub	Other
LS-DSP-124-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-124-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-124-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded

Externally Threaded Metal Dispensing Needles

LS-DSP-118

Externally threaded metal dispensing needles screw directly into valves and machine heads with a threaded outlet, instead of mounting on a Luer fitting. That removes the adapter from the stack and keeps the needle square to the part.

Each needle has a Type 304 stainless steel tube in a metal base with an external thread. Stocked sizes are 14, 18, 20 and 25 gauge (0.25 to 1.6 mm ID) at 1/2 and 1 in. Thread standard, size and pitch are specified to order to match your equipment.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-118-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + metal hub	Threaded
LS-DSP-118-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + metal hub	Threaded

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-118-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-118-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-118-18G-0.5IN	18G	12.7	0.5	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-118-18G-1IN	18G	25.4	1	0.84	1.27	Stainless 304 + metal hub	Threaded
LS-DSP-118-14G-0.5IN	14G	12.7	0.5	1.6	2.11	Stainless 304 + metal hub	Threaded
LS-DSP-118-14G-1IN	14G	25.4	1	1.6	2.11	Stainless 304 + metal hub	Threaded

Internally Threaded Soldered Dispensing Needles

[LS-DSP-123](#)

Internally threaded soldered needles screw onto a male thread on a valve or machine head. The tube is soldered into the base, and the range reaches finer gauges than our hex-base version.

Each needle has a Type 304 stainless steel tube in an internally threaded metal base. We list 16, 20, 25 and 27 gauge, with IDs from 0.21 to 1.19 mm, in 1/2 and 1 in. lengths. Internal thread size is configured to your equipment, and other gauges can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-123-27G-0.5IN	27G	12.7	0.5	0.21	0.41	Stainless 304 + metal hub	Threaded
LS-DSP-123-27G-1IN	27G	25.4	1	0.21	0.41	Stainless 304 + metal hub	Threaded
LS-DSP-123-25G-0.5IN	25G	12.7	0.5	0.25	0.51	Stainless 304 + metal hub	Threaded
LS-DSP-123-25G-1IN	25G	25.4	1	0.25	0.51	Stainless 304 + metal hub	Threaded
LS-DSP-123-20G-0.5IN	20G	12.7	0.5	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-123-20G-1IN	20G	25.4	1	0.6	0.91	Stainless 304 + metal hub	Threaded
LS-DSP-123-16G-0.5IN	16G	12.7	0.5	1.19	1.65	Stainless 304 + metal hub	Threaded
LS-DSP-123-16G-1IN	16G	25.4	1	1.19	1.65	Stainless 304 + metal hub	Threaded