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-05IN	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 needles have a sharpened tip on a wide 6 mm tube. They are used where the needle has to pass through a seal, film or packing before it dispenses, and where a wide bore keeps thick material moving. Handle them as sharps.

The needle screws into the equipment on a G1/8 or G1/4 external thread. Every size has a 6 mm OD and 5 mm ID tube, with exposed lengths of 50, 80, 100 and 150 mm.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-119-G14-50MM	50	1.969	5	6	Metal	Threaded
LS-DSP-119-G18-50MM	50	1.969	5	6	Metal	Threaded
LS-DSP-119-G14-80MM	80	3.15	5	6	Metal	Threaded
LS-DSP-119-G18-80MM	80	3.15	5	6	Metal	Threaded
LS-DSP-119-G14-100MM	100	3.937	5	6	Metal	Threaded
LS-DSP-119-G18-100MM	100	3.937	5	6	Metal	Threaded
LS-DSP-119-G18-150MM	150	5.906	5	6	Metal	Threaded
LS-DSP-119-G14-150MM	150	5.906	5	6	Metal	Threaded

M6 Threaded Plastic-Hub Dispensing Needles

LS-DSP-126

M6 threaded plastic-hub needles screw straight into an M6 internal thread on a needle barrel or connector, so no Luer-to-thread adapter is needed.

Each needle has a stainless steel tube in a blue plastic hub with an M6 x 0.8 mm external thread. We list 19, 21 and 22 gauge, each with a 13 mm exposed tube and 41 mm overall. Other gauges and lengths can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-126-22G	22G	13	0.512	Stainless 304 + PP hub	M6	Blue
LS-DSP-126-21G	21G	13	0.512	Stainless 304 + PP hub	M6	Blue
LS-DSP-126-19G	19G	13	0.512	Stainless 304 + PP hub	M6	Blue

Hex-Base Soldered Dispensing Needles

LS-DSP-122

Hex-base soldered needles mount on equipment with a male M5 thread. The hexagonal base takes a wrench, so the needle can be tightened firmly and removed cleanly.

The stainless steel tube is soldered into a nickel-plated copper hex base with an M5 internal thread. We list 16 gauge (1.15 mm ID) and 18 gauge (0.86 mm ID), each with a 10 mm exposed tube and 23 mm overall. Other lengths and gauges can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-122-18G-10MM	18G	10	0.394	0.86	1.2	Metal	Threaded
LS-DSP-122-16G-10MM	16G	10	0.394	1.15	1.6	Metal	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-05IN	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 clear plastic hub with a female Luer socket. They connect to male Luer outlets on syringes, valves and adapters.

Three large-bore sizes are listed: 13 gauge (1.9 mm ID) and 14 gauge (1.55 mm ID) with a 16 mm exposed tube, and 16 gauge (1.15 mm ID) with a 13 mm exposed tube. Other gauges and lengths can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	COLOR
LS-DSP-125-16G	16G	13	0.512	1.15	1.6	Stainless 304 + PP hub	Clear
LS-DSP-125-14G	14G	16	0.63	1.55	2.08	Stainless 304 + PP hub	Clear
LS-DSP-125-13G	13G	16	0.63	1.9	2.4	Stainless 304 + PP hub	Clear

Special-Base Dispensing Needles

LS-DSP-124

Special-base dispensing needles are for equipment that does not take a standard Luer or threaded needle. Three base styles are listed.

The large round base has a flared 8 mm base and a 42 mm exposed tube, 56 mm overall. The square base has a 5.35 mm base and a 21 mm exposed tube, 33 mm overall. The small flared base, 6 mm across, suits special high-pressure valves and carries a 38.6 mm exposed tube, 52.6 mm overall. The round and square bases take 10 to 32 gauge tubes and the small flared base 14 to 19 gauge, chosen to order.

SKU	LENGTH (MM)	LENGTH (IN)	MATERIAL	FITTING/HUB
LS-DSP-124-SQUARE-BASE	21	0.827	Metal	Other
LS-DSP-124-FLARED-BASE	38.6	1.52	Metal	Other
LS-DSP-124-ROUND-BASE	42	1.654	Metal	Other

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
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-05IN	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

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
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-05IN	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