Threaded Stainless Steel Dispensing Needles

LS-DSP-101

These are general-purpose blunt dispensing needles for syringe barrels, valves and adapters with a Luer-lock outlet. The threaded Luer hub screws on, so the needle stays in place under pressure, and the blunt, non-piercing end is made for industrial fluid dispensing only.

Each needle has a Type 304 stainless steel cannula bonded into a polypropylene hub, color-coded by gauge. We list 14, 18, 20, 22, 25 and 30 gauge at 1/2 in. (13 mm) exposed length, with IDs from 0.15 to 1.55 mm. Every size is cross-referenced to major-brand part numbers, and other lengths are made to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-101-32G-0.25IN	32G	6.35	0.25	0.1	0.24	Stainless 304 + PP hub	Threaded	
LS-DSP-101-30G	30G	13	0.51	0.15	0.3	Stainless 304 + PP hub	Threaded	Lavender
LS-DSP-101-27G-0.25IN	27G	6.35	0.25	0.2	0.4	Stainless 304 + PP hub	Threaded	
LS-DSP-101-27G	27G	13	0.51	0.2	0.4	Stainless 304 + PP hub	Threaded	
LS-DSP-101-27G-1IN	27G	25.4	1	0.2	0.4	Stainless 304 + PP hub	Threaded	
LS-DSP-101-27G-1.5IN	27G	38.1	1.5	0.2	0.4	Stainless 304 + PP hub	Threaded	
LS-DSP-101-26G	26G	13	0.51	0.22	0.45	Stainless 304 + PP hub	Threaded	
LS-DSP-101-26G-1IN	26G	25.4	1	0.22	0.45	Stainless 304 + PP hub	Threaded	
LS-DSP-101-26G-1.5IN	26G	38.1	1.5	0.22	0.45	Stainless 304 + PP hub	Threaded	

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-101-25G	25G	13	0.51	0.25	0.5	Stainless 304 + PP hub	Threaded	Red
LS-DSP-101-24G	24G	13	0.51	0.27	0.55	Stainless 304 + PP hub	Threaded	
LS-DSP-101-24G-1IN	24G	25.4	1	0.27	0.55	Stainless 304 + PP hub	Threaded	
LS-DSP-101-24G-1.5IN	24G	38.1	1.5	0.27	0.55	Stainless 304 + PP hub	Threaded	
LS-DSP-101-23G-0.25IN	23G	6.35	0.25	0.3	0.6	Stainless 304 + PP hub	Threaded	
LS-DSP-101-23G	23G	13	0.51	0.3	0.6	Stainless 304 + PP hub	Threaded	
LS-DSP-101-23G-1IN	23G	25.4	1	0.3	0.6	Stainless 304 + PP hub	Threaded	
LS-DSP-101-23G-1.5IN	23G	38.1	1.5	0.3	0.6	Stainless 304 + PP hub	Threaded	
LS-DSP-101-22G	22G	13	0.51	0.4	0.7	Stainless 304 + PP hub	Threaded	Blue
LS-DSP-101-21G-0.25IN	21G	6.35	0.25	0.5	0.8	Stainless 304 + PP hub	Threaded	
LS-DSP-101-21G	21G	13	0.51	0.5	0.8	Stainless 304 + PP hub	Threaded	
LS-DSP-101-21G-1IN	21G	25.4	1	0.5	0.8	Stainless 304 + PP hub	Threaded	
LS-DSP-101-21G-1.5IN	21G	38.1	1.5	0.5	0.8	Stainless 304 + PP hub	Threaded	
LS-DSP-101-20G	20G	13	0.51	0.6	0.9	Stainless 304 + PP hub	Threaded	Pink
LS-DSP-101-19G	19G	13	0.51	0.72	1.02	Stainless 304 + PP hub	Threaded	

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-101-19G-1IN	19G	25.4	1	0.72	1.02	Stainless 304 + PP hub	Threaded	
LS-DSP-101-19G-1.5IN	19G	38.1	1.5	0.72	1.02	Stainless 304 + PP hub	Threaded	
LS-DSP-101-18G	18G	13	0.51	0.86	1.26	Stainless 304 + PP hub	Threaded	Green
LS-DSP-101-17G	17G	13	0.51	1.05	1.5	Stainless 304 + PP hub	Threaded	
LS-DSP-101-17G-1IN	17G	25.4	1	1.05	1.5	Stainless 304 + PP hub	Threaded	
LS-DSP-101-17G-1.5IN	17G	38.1	1.5	1.05	1.5	Stainless 304 + PP hub	Threaded	
LS-DSP-101-15G-0.25IN	15G	6.35	0.25	1.3	1.78	Stainless 304 + PP hub	Threaded	
LS-DSP-101-15G	15G	13	0.51	1.3	1.78	Stainless 304 + PP hub	Threaded	
LS-DSP-101-15G-1IN	15G	25.4	1	1.3	1.78	Stainless 304 + PP hub	Threaded	
LS-DSP-101-15G-1.5IN	15G	38.1	1.5	1.3	1.78	Stainless 304 + PP hub	Threaded	
LS-DSP-101-14G	14G	13	0.51	1.55	2.08	Stainless 304 + PP hub	Threaded	Olive

Aluminum-Reinforced Dispensing Needles

LS-DSP-115

Aluminum-reinforced dispensing needles are made for high pressure, high volume dispensing, where a standard plastic hub may flex. An aluminum hub carries the Type 304 stainless steel cannula.

We list 14, 16, 18, 20 and 25 gauge, with IDs from 0.25 to 1.8 mm and ODs from 0.51 to 2.0 mm. Every needle is 31.6 mm (1.24 in.) overall with a 13 mm exposed cannula, and hubs are color-coded by gauge. Sizes are mapped to the nearest major-brand equivalents.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	COLOR
LS-DSP-115-25G	25G	31.6	1.24	0.25	0.51	Aluminum hub + stainless	Red
LS-DSP-115-20G	20G	31.6	1.24	0.61	0.91	Aluminum hub + stainless	Pink
LS-DSP-115-18G	18G	31.6	1.24	0.84	1.28	Aluminum hub + stainless	Green
LS-DSP-115-16G	16G	31.6	1.24	1.25	1.65	Aluminum hub + stainless	Gray
LS-DSP-115-14G	14G	31.6	1.24	1.8	2	Aluminum hub + stainless	Olive

Blunt Stainless Steel Dispensing Needles

LS-DSP-111

All-metal blunt dispensing needles are built for heavy use and for solvents and fluids that attack plastic hubs. They thread onto syringe barrels and valve outlets like a standard needle, with no plastic in the part.

Each needle pairs a Type 304 stainless steel cannula with a threaded metal hub. We stock 12, 16, 20, 25 and 30 gauge, IDs from 0.15 to 2.3 mm, in 1/4, 1/2, 1 and 1.5 in. lengths. The 12 gauge covers heavier bead work. Many sizes are cross-referenced to major-brand part numbers.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-111-30G-0.25IN	30G	6.35	0.25	0.15	0.3	Stainless 304 + metal hub	Threaded
LS-DSP-111-30G-0.5IN	30G	12.7	0.5	0.15	0.3	Stainless 304 + metal hub	Threaded
LS-DSP-111-30G-1IN	30G	25.4	1	0.15	0.3	Stainless 304 + metal hub	Threaded
LS-DSP-111-30G-1.5IN	30G	38.1	1.5	0.15	0.3	Stainless 304 + metal hub	Threaded
LS-DSP-111-25G-0.25IN	25G	6.35	0.25	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-111-25G-0.5IN	25G	12.7	0.5	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-111-25G-1IN	25G	25.4	1	0.25	0.5	Stainless 304 + metal hub	Threaded

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-111-25G-1.5IN	25G	38.1	1.5	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-111-20G-0.25IN	20G	6.35	0.25	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-111-20G-0.5IN	20G	12.7	0.5	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-111-20G-1IN	20G	25.4	1	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-111-20G-1.5IN	20G	38.1	1.5	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-111-16G-0.25IN	16G	6.35	0.25	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-111-16G-0.5IN	16G	12.7	0.5	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-111-16G-1IN	16G	25.4	1	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-111-16G-1.5IN	16G	38.1	1.5	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-111-12G-0.25IN	12G	6.35	0.25	2.3	2.8	Stainless 304 + metal hub	Threaded
LS-DSP-111-12G-0.5IN	12G	12.7	0.5	2.3	2.8	Stainless 304 + metal hub	Threaded
LS-DSP-111-12G-1IN	12G	25.4	1	2.3	2.8	Stainless 304 + metal hub	Threaded
LS-DSP-111-12G-1.5IN	12G	38.1	1.5	2.3	2.8	Stainless 304 + metal hub	Threaded

Luer-Lock Bayonet Dispensing Needles

LS-DSP-103

These blunt dispensing needles use a bayonet-style Luer-lock hub for fast fitting and removal on syringe barrels and valves with a Luer-lock outlet. They cover general adhesive, sealant and lubricant work where tips are changed often.

This is our most complete stocked grid: 16, 18, 20, 22 and 25 gauge, each in 1/4, 1/2, 1 and 1.5 in. lengths. IDs run from 0.25 to 1.15 mm. Cannulas are Type 304 stainless steel in polypropylene hubs, color-coded by gauge. Most sizes map to major-brand part numbers, so direct replacements can be quoted from your current list.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-103-25G-0.25IN	25G	6.35	0.25	0.25	0.5	Stainless 304 + PP hub	Bayonet	Red

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-103-25G-0.5IN	25G	12.7	0.5	0.25	0.5	Stainless 304 + PP hub	Bayonet	Red
LS-DSP-103-25G-1IN	25G	25.4	1	0.25	0.5	Stainless 304 + PP hub	Bayonet	Red
LS-DSP-103-25G-1.5IN	25G	38.1	1.5	0.25	0.5	Stainless 304 + PP hub	Bayonet	Red
LS-DSP-103-22G-0.25IN	22G	6.35	0.25	0.4	0.7	Stainless 304 + PP hub	Bayonet	Blue
LS-DSP-103-22G-0.5IN	22G	12.7	0.5	0.4	0.7	Stainless 304 + PP hub	Bayonet	Blue
LS-DSP-103-22G-1IN	22G	25.4	1	0.4	0.7	Stainless 304 + PP hub	Bayonet	Blue
LS-DSP-103-22G-1.5IN	22G	38.1	1.5	0.4	0.7	Stainless 304 + PP hub	Bayonet	Blue
LS-DSP-103-20G-0.25IN	20G	6.35	0.25	0.6	0.9	Stainless 304 + PP hub	Bayonet	Pink
LS-DSP-103-20G-0.5IN	20G	12.7	0.5	0.6	0.9	Stainless 304 + PP hub	Bayonet	Pink
LS-DSP-103-20G-1IN	20G	25.4	1	0.6	0.9	Stainless 304 + PP hub	Bayonet	Pink
LS-DSP-103-20G-1.5IN	20G	38.1	1.5	0.6	0.9	Stainless 304 + PP hub	Bayonet	Pink
LS-DSP-103-18G-0.25IN	18G	6.35	0.25	0.84	1.26	Stainless 304 + PP hub	Bayonet	Green
LS-DSP-103-18G-0.5IN	18G	12.7	0.5	0.84	1.26	Stainless 304 + PP hub	Bayonet	Green
LS-DSP-103-18G-1IN	18G	25.4	1	0.84	1.26	Stainless 304 + PP hub	Bayonet	Green
LS-DSP-103-18G-1.5IN	18G	38.1	1.5	0.84	1.26	Stainless 304 + PP hub	Bayonet	Green

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-103-16G-0.25IN	16G	6.35	0.25	1.15	1.6	Stainless 304 + PP hub	Bayonet	Gray
LS-DSP-103-16G-0.5IN	16G	12.7	0.5	1.15	1.6	Stainless 304 + PP hub	Bayonet	Gray
LS-DSP-103-16G-1IN	16G	25.4	1	1.15	1.6	Stainless 304 + PP hub	Bayonet	Gray
LS-DSP-103-16G-1.5IN	16G	38.1	1.5	1.15	1.6	Stainless 304 + PP hub	Bayonet	Gray