Bayonet-Mount Machine Dispensing Tips

LS-DSP-128

Bayonet-mount machine dispensing tips are one-piece stainless steel tips that lock into a Luer-interface valve body with a push-and-twist bayonet mount. One-piece construction leaves no joint between outlet and mount, and the conical shape and thin-walled outlet give stable micro-dispensing.

Eight bores are listed, from 0.15 mm (0.45 mm OD) to 0.6 mm (0.9 mm OD), all 18.3 mm overall. They are used in SMT, LED and semiconductor assembly with adhesives, solder paste, conductive and UV glues.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-128-0.25	18.3	0.72	0.25	0.55	Metal	Bayonet
LS-DSP-128-0.4	18.3	0.72	0.4	0.7	Metal	Bayonet
LS-DSP-128-0.2	18.3	0.72	0.2	0.5	Metal	Bayonet
LS-DSP-128-0.45	18.3	0.72	0.45	0.75	Metal	Bayonet
LS-DSP-128-0.5	18.3	0.72	0.5	0.8	Metal	Bayonet
LS-DSP-128-0.3	18.3	0.72	0.3	0.6	Metal	Bayonet
LS-DSP-128-0.15	18.3	0.72	0.15	0.45	Metal	Bayonet
LS-DSP-128-0.6	18.3	0.72	0.6	0.9	Metal	Bayonet

Metal-Base Machine Dispensing Needles, Valve-Specific

LS-DSP-131

These metal-base machine dispensing needles are made for dispensing valve heads that take a short needle on a metal base. The base is slightly longer than a standard needle base.

Five sizes are listed: 21, 22 and 25 gauge with a 3 mm exposed tube, 28 gauge with 6.5 mm, and 12 gauge with a 42 mm exposed tube. Tube thickness and length can be specified to order. They are dimensioned to the head, not approved by the equipment maker, so confirm fit before a full order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-131-28G	28G	6.5	0.256	0.17	0.32	Metal
LS-DSP-131-25G	25G	3	0.118	0.25	0.5	Metal
LS-DSP-131-22G	22G	3	0.118	0.4	0.7	Metal

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL
LS-DSP-131-21G	21G	3	0.118	0.5	0.8	Metal
LS-DSP-131-12G	12G	42	1.654	2.3	2.8	Metal

Threaded-Mount Machine Dispensing Tips

LS-DSP-129

Threaded-mount machine dispensing tips are one-piece stainless steel tips that screw into a Luer-interface valve body. They suit automated lines where the tip must sit at a repeatable height after each change, and the conical shape with a thin-walled outlet gives stable micro-dispensing.

Six bores are listed, from 0.2 mm (0.5 mm OD) to 0.5 mm (0.8 mm OD), all 18.3 mm overall.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-129-0.3	18.3	0.72	0.3	0.6	Metal	Threaded
LS-DSP-129-0.45	18.3	0.72	0.45	0.75	Metal	Threaded
LS-DSP-129-0.5	18.3	0.72	0.5	0.8	Metal	Threaded
LS-DSP-129-0.2	18.3	0.72	0.2	0.5	Metal	Threaded
LS-DSP-129-0.4	18.3	0.72	0.4	0.7	Metal	Threaded
LS-DSP-129-0.25	18.3	0.72	0.25	0.55	Metal	Threaded

Two-Piece Machine Dispensing Tips, Valve-Specific Base

LS-DSP-130

Split-type machine dispensing tips are compact stainless steel tips for multi-head, high-speed dispensing machines. The tip seats in the head on a 2 mm interface.

Seven outlet sizes are listed, from 0.3 mm to 0.8 mm, all 13 mm overall with a 3 mm body. Tips can be supplied with a coating on request.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	MATERIAL
LS-DSP-130-0.4	13	0.512	0.4	Metal
LS-DSP-130-0.6	13	0.512	0.6	Metal
LS-DSP-130-0.3	13	0.512	0.3	Metal
LS-DSP-130-0.8	13	0.512	0.8	Metal
LS-DSP-130-0.7	13	0.512	0.7	Metal
LS-DSP-130-0.35	13	0.512	0.35	Metal
LS-DSP-130-0.5	13	0.512	0.5	Metal

Machine Dispensing Tips with Separate Base

LS-DSP-127

Machine dispensing tips with a separate base are two-piece tips for automated dispensing. A conical outlet tip screws into a separate mounting base on an M3.5 thread, so the outlet size and the machine interface are chosen independently. A thin-walled outlet lets small bores flow freely and helps prevent stringing and blocking.

Outlet tips come with a 0.4 mm or 0.6 mm bore and a 2 mm or 4 mm nozzle extension, 10.7 to 13.7 mm long. Four mounting bases are listed, 14.3 to 15.4 mm long, with threaded or bayonet interfaces, in nickel-plated copper or stainless steel. Longer tips can be made to order.

SKU	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-127-TIP-0.4-2MM	10.7	0.421	0.4	0.7	Metal	Threaded
LS-DSP-127-TIP-0.6-2MM	11	0.433	0.6	0.9	Metal	Threaded
LS-DSP-127-TIP-0.6-4MM	12	0.472	0.6	0.9	Metal	Threaded
LS-DSP-127-TIP-0.4-4MM	13.7	0.539	0.4	0.7	Metal	Threaded
LS-DSP-127-BASE-07	14.3	0.563			Metal	Threaded
LS-DSP-127-BASE-05	15.2	0.598			Metal	Threaded
LS-DSP-127-BASE-08	15.2	0.598			Metal	
LS-DSP-127-BASE-06	15.4	0.606			Metal	Bayonet