45-Degree Bent Dispensing Needles

LS-DSP-104

45-degree bent dispensing needles put fluid into hard-to-reach areas where a straight needle would need the syringe or valve tilted. They are used for adhesive beads along inside edges and in recessed joints.

Each needle has a Type 304 stainless steel cannula with a 45 degree bend, fixed in a threaded polypropylene hub. We list 20, 22, 25 and 27 gauge, IDs 0.2 to 0.6 mm, in 1/2, 1 and 1.5 in. lengths. Sizes are cross-referenced to the major brands, and other gauges can be specified to order.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-104-30G-0.5IN	30G	12.7	0.5	0.15	0.3	Stainless 304 + PP hub	Threaded	
LS-DSP-104-27G-0.5IN	27G	12.7	0.5	0.2	0.4	Stainless 304 + PP hub	Threaded	Clear
LS-DSP-104-27G-1IN	27G	25.4	1	0.2	0.4	Stainless 304 + PP hub	Threaded	Clear
LS-DSP-104-27G-1.5IN	27G	38.1	1.5	0.2	0.4	Stainless 304 + PP hub	Threaded	Clear
LS-DSP-104-25G-0.5IN	25G	12.7	0.5	0.25	0.5	Stainless 304 + PP hub	Threaded	Red
LS-DSP-104-25G-1IN	25G	25.4	1	0.25	0.5	Stainless 304 + PP hub	Threaded	Red
LS-DSP-104-25G-1.5IN	25G	38.1	1.5	0.25	0.5	Stainless 304 + PP hub	Threaded	Red
LS-DSP-104-23G-0.5IN	23G	12.7	0.5	0.3	0.6	Stainless 304 + PP hub	Threaded	
LS-DSP-104-22G-0.5IN	22G	12.7	0.5	0.4	0.7	Stainless 304 + PP hub	Threaded	Blue

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-104-22G-1IN	22G	25.4	1	0.4	0.7	Stainless 304 + PP hub	Threaded	Blue
LS-DSP-104-22G-1.5IN	22G	38.1	1.5	0.4	0.7	Stainless 304 + PP hub	Threaded	Blue
LS-DSP-104-21G-1.5IN	21G	38.1	1.5	0.5	0.8	Stainless 304 + PP hub	Threaded	
LS-DSP-104-20G-0.5IN	20G	12.7	0.5	0.6	0.9	Stainless 304 + PP hub	Threaded	Pink
LS-DSP-104-20G-1IN	20G	25.4	1	0.6	0.9	Stainless 304 + PP hub	Threaded	Pink
LS-DSP-104-20G-1.5IN	20G	38.1	1.5	0.6	0.9	Stainless 304 + PP hub	Threaded	Pink

Bent Stainless Steel Dispensing Needles

LS-DSP-112

Bent all-metal dispensing needles combine the solvent resistance of a metal hub with a cannula bent to reach into hard-to-reach areas. They suit angled joints and recessed points on assemblies where a plastic hub is not wanted.

Each needle has a bent Type 304 stainless steel cannula in a threaded metal hub. We list 14, 16, 18, 20 and 25 gauge, IDs 0.25 to 1.55 mm, in 1/2, 1 and 1.5 in. lengths. The heavier 14 and 16 gauges handle thicker materials. Sizes are cross-referenced to the major brands for direct quoting.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-112-25G-0.5IN	25G	12.7	0.5	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-112-25G-1IN	25G	25.4	1	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-112-25G-1.5IN	25G	38.1	1.5	0.25	0.5	Stainless 304 + metal hub	Threaded
LS-DSP-112-20G-0.5IN	20G	12.7	0.5	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-112-20G-1IN	20G	25.4	1	0.6	0.9	Stainless 304 + metal hub	Threaded
LS-DSP-112-20G-1.5IN	20G	38.1	1.5	0.6	0.9	Stainless 304 + metal hub	Threaded

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	OD (MM)	MATERIAL	FITTING/HUB
LS-DSP-112-18G-0.5IN	18G	12.7	0.5	0.86	1.26	Stainless 304 + metal hub	Threaded
LS-DSP-112-18G-1IN	18G	25.4	1	0.86	1.26	Stainless 304 + metal hub	Threaded
LS-DSP-112-18G-1.5IN	18G	38.1	1.5	0.86	1.26	Stainless 304 + metal hub	Threaded
LS-DSP-112-16G-0.5IN	16G	12.7	0.5	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-112-16G-1IN	16G	25.4	1	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-112-16G-1.5IN	16G	38.1	1.5	1.15	1.6	Stainless 304 + metal hub	Threaded
LS-DSP-112-14G-0.5IN	14G	12.7	0.5	1.55	2.08	Stainless 304 + metal hub	Threaded
LS-DSP-112-14G-1IN	14G	25.4	1	1.55	2.08	Stainless 304 + metal hub	Threaded
LS-DSP-112-14G-1.5IN	14G	38.1	1.5	1.55	2.08	Stainless 304 + metal hub	Threaded

Bent Elbow Dispensing Tips

LS-DSP-108

Bent elbow dispensing tips are all-plastic tapered tips with a shallow bend near the outlet. They reach behind lips and into angled joints when working with thicker adhesives and sealants, without the scratch risk of a metal cannula.

Each tip is molded in PP or PE with a 35 to 40 degree bend and a threaded base, 29 mm (1.14 in.) overall. We list 14, 18, 20, 22 and 25 gauge, IDs 0.25 to 1.55 mm, color-coded by size. Your label and part numbers can go on the pack.

SKU	GAUGE	LENGTH (MM)	LENGTH (IN)	ID (MM)	MATERIAL	FITTING/HUB	COLOR
LS-DSP-108-25G	25G	29	1.14	0.25	Plastic, PP or PE	Threaded	Red
LS-DSP-108-22G	22G	29	1.14	0.4	Plastic, PP or PE	Threaded	Blue
LS-DSP-108-20G	20G	29	1.14	0.6	Plastic, PP or PE	Threaded	Pink
LS-DSP-108-18G	18G	29	1.14	0.85	Plastic, PP or PE	Threaded	Green
LS-DSP-108-14G	14G	29	1.14	1.55	Plastic, PP or PE	Threaded	Olive