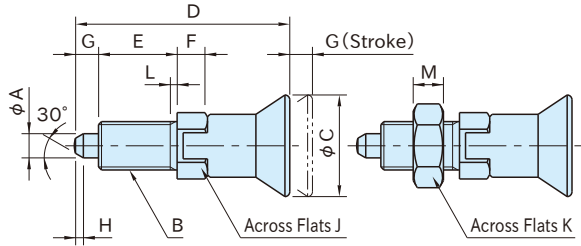


# NDXN-L

# INDEXING PLUNGERS, Nose-Lock



**NDXN-L** | **NDXN-L-SUS**

**NDXN-AL-SUS**

(Single-Nut)

**NDXN-LW** | **NDXN-LW-SUS**

**NDXN-ALW-SUS**

(Double-Nut)

Type	Body	Knob	Spring	Nose
<b>NDXN-L</b> <b>NDXN-LW</b>	Steel (SUM22L) Black oxide finish	Polyamide plastic Black matte	Stainless steel (SUS302WPA)	Steel (SUM22L) Heat treated to Rc58-62
<b>NDXN-L-SUS</b> <b>NDXN-LW-SUS</b>	Stainless steel (SUS303)			Stainless steel (SUS420) Heat treated to Rc53-56
<b>NDXN-AL-SUS</b> <b>NDXN-ALW-SUS</b>				Stainless steel (SUS303)

Size	A ( <sup>-0.02</sup> / <sub>-0.04</sub> )	B	C	D	E	F	G	H	J	K	L	M	Force(N) Initial - Final		
<b>NDXN-L</b>	<b>6</b>	3	M 6×0.75	14	31.5	12	5	3.5	0.8	8	10	2	3	4.5-10	
<b>NDXN-LW</b>	<b>8</b>	4	M 8×1	18	38.5	15	6	4	1	10	13		4	6	-12
<b>NDXN-L-SUS</b>	<b>10</b>	5	M10×1	21	43.5	17	7	5	1.3	13	17	3	5	5	-12
<b>NDXN-LW-SUS</b>	<b>12</b>	6	M12×1.5	25	51.7	20	8	6	1.8	14	19		6	6	-14
<b>NDXN-AL-SUS</b>	<b>16</b>	8	M16×1.5	33	68	26	10	8	2.3	19	24		8	15	-35
<b>NDXN-ALW-SUS</b>	<b>20</b>	10	M20×1.5		74	28	12	10	2.8	22	30	10	15	-34	

**NDXN-L** | **NDXN-L-SUS** | **NDXN-AL-SUS** (Single-Nut)

Steel	Stainless Steel, Heat Treated Nose	Stainless Steel, Non Heat Treated Nose	Weight (g)
Part Number	Part Number	Part Number	
<b>NDXN 8L</b>	-	<b>NDXN 8AL-SUS</b>	11
<b>NDXN10L</b>	<b>NDXN10L-SUS</b>	<b>NDXN10AL-SUS</b>	19
<b>NDXN12L</b>	<b>NDXN12L-SUS</b>	<b>NDXN12AL-SUS</b>	28
<b>NDXN16L</b>	<b>NDXN16L-SUS</b>	<b>NDXN16AL-SUS</b>	68
<b>NDXN20L</b>	<b>NDXN20L-SUS</b>	<b>NDXN20AL-SUS</b>	107

**NDXN-LW** | **NDXN-LW-SUS** | **NDXN-ALW-SUS** (Double-Nut)

Steel	Stainless Steel, Heat Treated Nose	Stainless Steel, Non Heat Treated Nose	Weight (g)
Part Number	Part Number	Part Number	
<b>NDXN 6LW</b>	<b>NDXN 6LW-SUS</b>	<b>NDXN 6ALW-SUS</b>	6
<b>NDXN 8LW</b>	<b>NDXN 8LW-SUS</b>	<b>NDXN 8ALW-SUS</b>	16
<b>NDXN10LW</b>	<b>NDXN10LW-SUS</b>	<b>NDXN10ALW-SUS</b>	25
<b>NDXN12LW</b>	<b>NDXN12LW-SUS</b>	<b>NDXN12ALW-SUS</b>	37
<b>NDXN16LW</b>	<b>NDXN16LW-SUS</b>	<b>NDXN16ALW-SUS</b>	86
<b>NDXN20LW</b>	<b>NDXN20LW-SUS</b>	<b>NDXN20ALW-SUS</b>	142

**Features:**

Pulling the knob allows the nose to retract for repositioning, and releasing the knob allows the nose to return to the original position.

The nose of nose-lock type can be locked in the retracted position when the knob is turned 90° with the nose kept retracted.

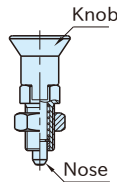
**How To Use**

- To suit the plate thickness in your application, use **KSR** Spacer Rings.

**Note:**

When installing an Indexing Plunger to full thread engagement, it is recommended that the receiving hole be chamfered to 1×45°.

Size	Recommended Chamfering
<b>6</b>	2.5×60°
<b>8</b>	
<b>10</b>	
<b>12</b>	3.5×60°
<b>16</b>	
<b>20</b>	



**Technical Data**

Heat resistance : 80°C

**Nose Strength Data**

Size	Shearing Force Capacity	
<b>6</b>	212N	
<b>8</b>	377N	
<b>10</b>	589N	
<b>12</b>	848N	
<b>16</b>	1507N	
<b>20</b>	2355N	

Replacement Nuts for **NDX** and **SDX** Plungers

Steel	Stainless Steel	Thread Size
Part Number	Part Number	
<b>NDX 6-NUT</b>	<b>NDX 6-NUT-SUS</b>	M 6×0.75
<b>NDX 8-NUT</b>	<b>NDX 8-NUT-SUS</b>	M 8×1
<b>NDX10-NUT</b>	<b>NDX10-NUT-SUS</b>	M10×1
<b>NDX12-NUT</b>	<b>NDX12-NUT-SUS</b>	M12×1.5
<b>NDX16-NUT</b>	<b>NDX16-NUT-SUS</b>	M16×1.5
<b>NDX20-NUT</b>	<b>NDX20-NUT-SUS</b>	M20×1.5