

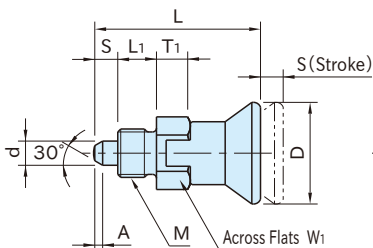
# NDXNS-L

## SHORT INDEXING PLUNGERS, Nose-Lock



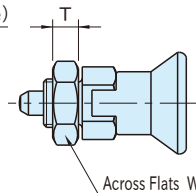
**NDXNS-L**

(Steel, Single-Nut)



**NDXNS-L NDXNS-AL-SUS**

(Single-Nut)



**NDXNS-LW NDXNS-ALW-SUS**

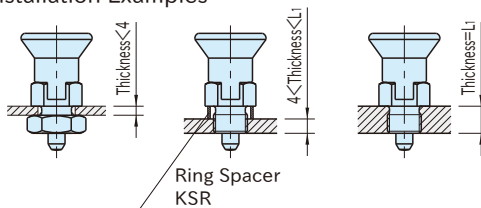
(Double-Nut)

### Installation Examples



**NDXNS-ALW-SUS**

(Stainless Steel, Double-Nut)



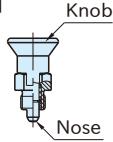
Type	Body	Knob	Spring	Nose
<b>NDXNS-L</b>	Steel (SUM22L)	Polyamide plastic Black matte	Stainless steel (SUS301)	Steel (SUM22L)
<b>NDXNS-LW</b>	Black oxide finish			Heat treated to Rc58-62
<b>NDXNS-AL-SUS</b>	Stainless steel (SUS303)	Black matte	Stainless steel (SUS301)	Stainless steel (SUS303)
<b>NDXNS-ALW-SUS</b>				

Type / Size	M	d ( $-0.02$ $+0.04$ )	L <sub>1</sub>	S	A	D	L	W <sub>1</sub>	T <sub>1</sub>	W	T	Force (N) Initial - Final	
<b>NDXNS-L</b>	<b>6</b>	M 6×0.75	3	6	3.5	0.8	14	25.5	8	5	-	4~10	
	<b>8</b>	M 8×1	4	6	4	1	18	29.5	10	6	13	4~12	
<b>NDXNS-LW</b>	<b>10</b>	M10×1	5	8	5	1.3	21	34.5	13	7	17	5~12	
<b>NDXNS-AL-SUS</b>	<b>12</b>	M12×1.5	6	10	6	1.8	25	41.7	14	8	19	6~14	
<b>NDXNS-ALW-SUS</b>	<b>16</b>	M16×1.5	8	12	8	2.3	33	54	19	10	24	8	14~28
	<b>20</b>	M20×1.5	10	15	10	2.8		61	22	12	30	10	15~32

Steel				Stainless Steel			
Single-Nut		Double-Nut		Single-Nut		Double-Nut	
Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)	Part Number	Weight (g)
<b>NDXNS 6L</b>	3.5	-	-	<b>NDXNS 6AL-SUS</b>	3.5	-	-
<b>NDXNS 8L</b>	7	<b>NDXNS 8LW</b>	9	<b>NDXNS 8AL-SUS</b>	7	<b>NDXNS 8ALW-SUS</b>	9
<b>NDXNS 10L</b>	14	<b>NDXNS 10LW</b>	20	<b>NDXNS 10AL-SUS</b>	14	<b>NDXNS 10ALW-SUS</b>	20
<b>NDXNS 12L</b>	21	<b>NDXNS 12LW</b>	30	<b>NDXNS 12AL-SUS</b>	21	<b>NDXNS 12ALW-SUS</b>	30
<b>NDXNS 16L</b>	50	<b>NDXNS 16LW</b>	68	<b>NDXNS 16AL-SUS</b>	50	<b>NDXNS 16ALW-SUS</b>	68
<b>NDXNS 20L</b>	82	<b>NDXNS 20LW</b>	114	<b>NDXNS 20AL-SUS</b>	82	<b>NDXNS 20ALW-SUS</b>	114

## 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.
- The thread has an undercut.



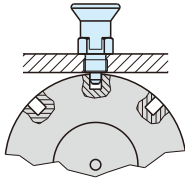
## Technical Data

Heat resistance : 80°C

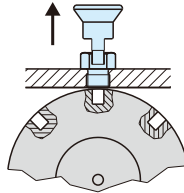
### ■ Nose Strength Data

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

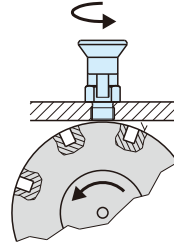
## Application Examples



Nose extended



Nose retracted



Nose locked in the retracted position after 90° turn of knob

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

### 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