

# NDXNS

# SHORT INDEXING PLUNGERS



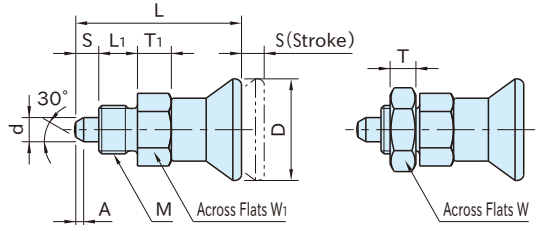
**NDXNS**

(Steel, Single-Nut)



**NDXNS-AW-SUS**

(Stainless Steel, Double-Nut)



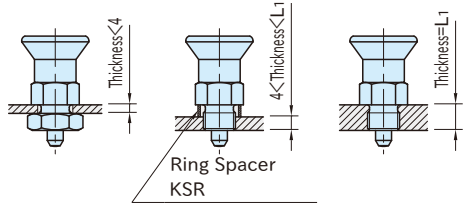
**NDXNS** **NDXNS-A-SUS**

(Single-Nut)

**NDXNS-W** **NDXNS-AW-SUS**

(Double-Nut)

### Installation Examples



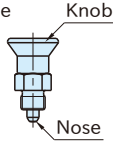
Type	Body	Knob	Spring	Nose
<b>NDXNS</b>	Steel (SUM22L)	Polyamide plastic Black matte	Stainless steel (SUS302WPA)	Steel (SUM22L)
<b>NDXNS-W</b>	Black oxide finish			Heat treated to Rc58-62
<b>NDXNS-A-SUS</b>	Stainless steel (SUS303)	Black matte	Stainless steel (SUS302WPA)	Stainless steel (SUS303)
<b>NDXNS-AW-SUS</b>	Stainless steel (SUS303)			Stainless steel (SUS303)

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</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	6~12
<b>NDXNS-W</b>	<b>10</b>	M10×1	5	8	5	1.3	21	34.5	13	7	17	5	5~12
<b>NDXNS-A-SUS</b>	<b>12</b>	M12×1.5	6	10	6	1.8	25	41.7	14	8	19	6	6~14
<b>NDXNS-AW-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 6</b>	3.9	-	-	<b>NDXNS 6A-SUS</b>	3.9	-	-
<b>NDXNS 8</b>	8	<b>NDXNS 8W</b>	10	<b>NDXNS 8A-SUS</b>	8	<b>NDXNS 8AW-SUS</b>	10
<b>NDXNS10</b>	15	<b>NDXNS10W</b>	21	<b>NDXNS10A-SUS</b>	15	<b>NDXNS10AW-SUS</b>	21
<b>NDXNS12</b>	23	<b>NDXNS12W</b>	32	<b>NDXNS12A-SUS</b>	23	<b>NDXNS12AW-SUS</b>	32
<b>NDXNS16</b>	53	<b>NDXNS16W</b>	71	<b>NDXNS16A-SUS</b>	53	<b>NDXNS16AW-SUS</b>	71
<b>NDXNS20</b>	84	<b>NDXNS20W</b>	116	<b>NDXNS20A-SUS</b>	84	<b>NDXNS20AW-SUS</b>	116

### Features:

- Pulling the knob allows the nose to retract for repositioning, and releasing the knob allows the nose to return to the original position by spring force.
- The thread has an undercut.



### 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

### How To Use

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

### Technical Data

Heat resistance : 80°C

#### ■ Nose Strength Data

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