

# NDXN

# INDEXING PLUNGERS



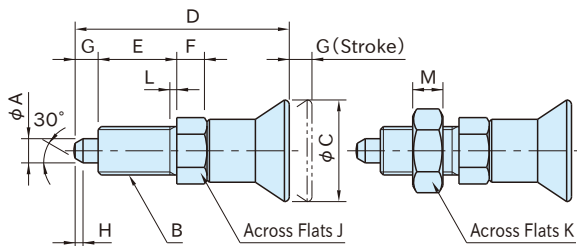
**NDXN**

(Steel, Single-Nut)



**NDXN-W-SUS**

(Stainless steel, Double-Nut)



**NDXN** **NDXN-SUS**

**NDXN-A-SUS**

(Single-Nut)

**NDXN-W** **NDXN-W-SUS**

**NDXN-AW-SUS**

(Double-Nut)

Type	Body	Knob	Spring	Nose
<b>NDXN</b> <b>NDXN-W</b>	Steel (SUM22L) Black oxide finish	Polyamide plastic Black matte	Stainless steel (SUS301WPA)	Steel (SUM22L) Heat treated to Rc58-62
<b>NDXN-SUS</b> <b>NDXN-W-SUS</b>	Stainless steel (SUS303)			Stainless steel (SUS420) Heat treated to Rc53-56
<b>NDXN-A-SUS</b> <b>NDXN-AW-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</b>	6	3	M 6×0.75	14	31.5	12	5	3.5	0.8	8	10	2	3	4.5 - 10
<b>NDXN-W</b>	8	4	M 8×1	18	38.5	15	6	4	1	10	13		4	6 - 12
<b>NDXN-SUS</b>	10	5	M10×1	21	43.5	17	7	5	1.3	13	17	3	5	5 - 12
<b>NDXN-W-SUS</b>	12	6	M12×1.5	25	51.7	20	8	6	1.8	14	19		6	6 - 14
<b>NDXN-A-SUS</b>	16	8	M16×1.5	33	68	26	10	8	2.3	19	24		8	15 - 35
<b>NDXN-AW-SUS</b>	20	10	M20×1.5		74	28	12	10	2.8	22	30		10	15 - 34

**NDXN** **NDXN-SUS** **NDXN-A-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 8</b>	-	<b>NDXN 8A-SUS</b>	11
<b>NDXN10</b>	<b>NDXN10-SUS</b>	<b>NDXN10A-SUS</b>	20
<b>NDXN12</b>	<b>NDXN12-SUS</b>	<b>NDXN12A-SUS</b>	30
<b>NDXN16</b>	<b>NDXN16-SUS</b>	<b>NDXN16A-SUS</b>	71
<b>NDXN20</b>	<b>NDXN20-SUS</b>	<b>NDXN20A-SUS</b>	112

**NDXN-W** **NDXN-W-SUS** **NDXN-AW-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 6W</b>	<b>NDXN 6W-SUS</b>	<b>NDXN 6AW-SUS</b>	6
<b>NDXN 8W</b>	<b>NDXN 8W-SUS</b>	<b>NDXN 8AW-SUS</b>	16
<b>NDXN10W</b>	<b>NDXN10W-SUS</b>	<b>NDXN10AW-SUS</b>	26
<b>NDXN12W</b>	<b>NDXN12W-SUS</b>	<b>NDXN12AW-SUS</b>	39
<b>NDXN16W</b>	<b>NDXN16W-SUS</b>	<b>NDXN16AW-SUS</b>	89
<b>NDXN20W</b>	<b>NDXN20W-SUS</b>	<b>NDXN20AW-SUS</b>	147

**Feature:**

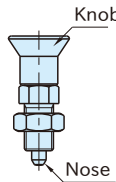
Pulling the knob allows the nose to retract for repositioning, and releasing the knob allows the nose to return to the original position.

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>	<b>6</b>	212N
<b>8</b>	<b>8</b>	377N
<b>10</b>	<b>10</b>	589N
<b>12</b>	<b>12</b>	848N
<b>16</b>	<b>16</b>	1507N
<b>20</b>	<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