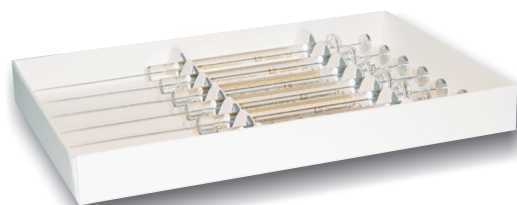


Dosage of Liquids: Series N

1. Fixed Needles

Plunger: Stainless steel
 Glass Barrel: Borosilicate 3.3
 Precision: < ±1% of the volume
 Main Use: - sample dosage for gas chromatography
 - HPLC-valves
 - autosamplers

Volume	Needle Tip Style Length O.D.	fixed a 51 mm	fixed a 70 mm	fixed b 51 mm	fixed d 51mm
5 µl	0.47 mm	2100301	-	2100302	2100304
10 µl	0.47 mm	2100401	2100409	2100402	2100404
25 µl	0.72 mm	2100501	2100509	2100502	2100504
50 µl	0.72 mm	2100601	2100609	2100602	2100604
100 µl	0.72 mm	2100701	2100709	2100702	2100704
250 µl	0.72 mm	2100801	-	2100802	2100804
500 µl	0.72 mm	2100901	-	2100902	2100904



Six-Pack

Economic pack of 6 syringes,
 fixed needles, length 51 mm
 tip style "a"

Volume	O.D.				
5 µl	0.47 mm	2100311	-	-	-
10 µl	0.47 mm	2100411	-	-	-

Dosage of Liquids: Series N

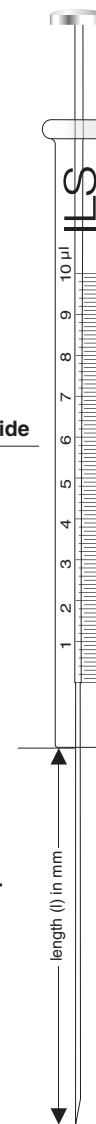
2. Fixed Needles, Customized Length, with Guide

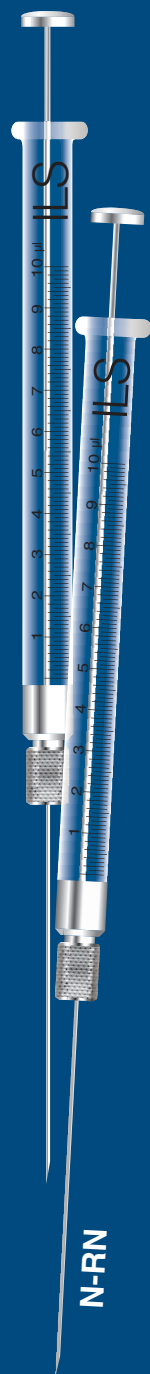
Plunger: Stainless steel
 Glass Barrel: Borosilicate 3.3
 Precision: < ±1% of the volume
 Main Use: - sample dosage for gas chromatography
 - HPLC-valves
 - autosamplers

Volume	Needle Tip Style Length O.D.	Special Length of Tip Style a or b or c	fixed Tip Style a 51 mm with Syringe Guide
5 µl	0.47 mm	2110300	2170301
10 µl	0.47 mm	2110400	2170401
25 µl	0.72 mm	2110500	2170501
50 µl	0.72 mm	2110600	2170601
100 µl	0.72 mm	2110700	2170701
250 µl	0.72 mm	2110800	2170801
500 µl	0.72 mm	2110900	2170901

Specify with Order

- 1) Length in mm
and
- 2) Tip Style





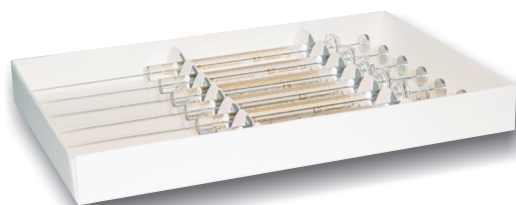
Dosage of Liquids: Series N

3. Removable Needles

Plunger: Stainless steel
Glass Barrel: Borosilicate 3.3
Precision: < ±1% of the volume
Main Use:

- sample dosage for gas chromatography
- HPLC-valves
- autosamplers

Volume	Needle Tip Style Length O.D.	removable a 51 mm	removable b 51 mm
5 µl	0.47 mm	2100305	2100306
10 µl	0.47 mm	2100405	2100406
25 µl	0.72 mm	2100505	2100506
50 µl	0.72 mm	2100605	2100606
100 µl	0.72 mm	2100705	2100706
250 µl	0.72 mm	2100805	2100806
500 µl	0.72 mm	2100905	2100906



Six-Pack

Economic pack of 6 syringes,
removable needles, length 51 mm
tip style "a"

Volume	O.D.		
10 µl	0.47 mm	2100415	-

Dosage of Liquids: Series N

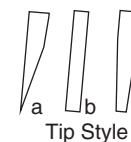
4. Removable Needles, Customized Length, with Guide

Plunger: Stainless steel
Glass Barrel: Borosilicate 3.3
Precision: < ±1% of the volume
Main Use:

- sample dosage for gas chromatography
- HPLC-valves
- autosamplers

Volume	Needle Tip Style Length O.D.	Special Length of Tip Style a or b or c	removable a 51 mm with Syringe Guide
5 µl	0.47 mm	2110301	2170305
10 µl	0.47 mm	2110401	2170405
25 µl	0.72 mm	2110501	2170505
50 µl	0.72 mm	2110601	2170605
100 µl	0.72 mm	2110701	2170705
250 µl	0.72 mm	2110801	2170805
500 µl	0.72 mm	2110901	2170905

Specify with Order
 1) Length in mm
 and
 2) Tip Style



N-RN with Guide

Dosage of Liquids: Series N

5. TLL PTFE-Luer-Lock

Plunger: Stainless steel
Glass Barrel: Borosilicate 3.3
Precision: < ±1% of the volume
Main Use: - sample dosage
 - dosage of aggressive liquids

Volume	
50 µl	2100611
100 µl	2100711
250 µl	2100811
500 µl	2100911

Dosage of Liquids: Series N

6. Super Elastic Plunger

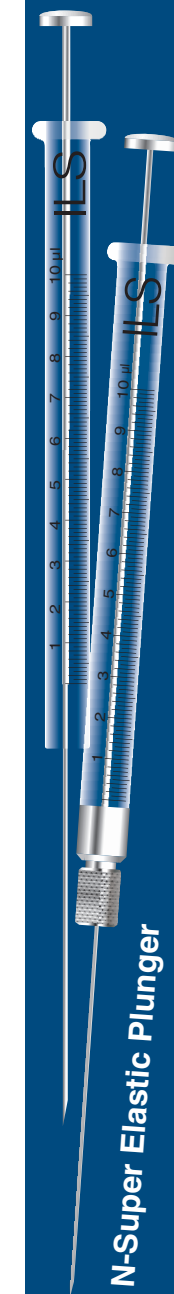
Plunger: Nickel titanium alloy, flexible memory metal
Glass Barrel: Borosilicate 3.3
Precision: < ±1% of the volume
Main Use: - sample dosage for gas chromatography
 - HPLC-valves
 - autosamplers

Fixed Needles

Volume	Tip Style Length O.D.				
		a 51 mm	b 51 mm	c 51 mm	d 51 mm
5 µl	0.47 mm	2160301	2160302	2160303	2160304
10 µl	0.47 mm	2160401	2160402	2160403	2160404

Removable Needles

Volume	Tip Style Length O.D.				
		a 51 mm	b 51 mm	c 51 mm	d 51 mm
5 µl	0.47 mm	2160305	2160306	2160307	2160308
10 µl	0.47 mm	2160405	2160406	2160407	2160408



N-Super Elastic Plunger