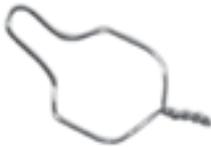


SPECIAL WIRES AND WIRE AUXILIARIES



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Nickel Titanium Auxiliaries



N/T Open Coil Springs – Variable Force



21" SPOOLS	ITEM #
009x030	219-05-9/30
010x030	219-05-10/30
010x036	219-05-10/36
012x030	219-05-12/30
014x030	219-05-14/30
014x036	219-05-14/36



VARIABLE FORCE COIL SPRINGS			
Wire Size	I.D.	*25% Compression	*50% Compression
.009	.030	95	225
.010	.030	120	260
.010	.036	90	200
.012	.030	220	480
.014	.030	360	700
.014	.036	270	560
.014	.045*	280	400

*Force in grams measured by compressing a 25 mm length to 18.75 mm (25%) and 12.5 mm (50%)
*measured 10 mm length @ 25 + 50%



N/T Distalizing Springs

STRAIGHT

LENGTHS 3x7"	ITEM #
010x036	219D-10/36
010x045	219D-10/45
011x045	219D-11/45

DISTALIZING SPRINGS				
Wire Size	I.D.	Two Segments Compressed	2 mm	4 mm
.010	.036		120	160
.010	.045		110	140
.011	.045		135	200

*Force expressed in grams



**Nickel Titanium
C/F Constant Force Closed Coils**

9 mm

12 mm



ITEM #
 221C-L-9 (150gr.)
 221C-M-9 (200gr.)
 221C-H-9 (250gr.)
 10/Pkg.

ITEM #
 221C-L-12
 221C-M-12
 221C-H-12

FORCE RATING						
Extension Measurement (mm) / Subsequent Force Values (gms)						
Force	Size	2.5 mm	5 mm	7 mm	10 mm	12 mm
Light (150g)	9 mm	95	115	105	120	150
Medium (200g)	9 mm	140	150	160	175	200
Heavy (250g)	9 mm	195	200	215	240	300
Force	Size	5 mm	10 mm	15 mm	19 mm	24 mm
Light (150g)	12 mm	95	100	105	115	150
Medium (200g)	12 mm	140	150	160	180	200
Heavy (250g)	12 mm	190	200	215	240	250
9 mm have 12 mm maximum extension 12 mm have 24 mm maximum extension						

Stainless Steel



Open Coil Spring 010x030, 40" Spools

ITEM #
 108O-10/30 010x030 – open

Closed Coil Spring 010x030, 40" Spools

ITEM #
 109C-10/30 010x030 – closed



Mini Crimpable Stops

- Two arch wire specific sizes
- Bright shiny finish
- Tubular design crimps with Weingardt
- Smooth and comfortable

ITEM

- 189 S Small (fits .012-.018) 50/Pkg.
189 L Large (fits .020 & all rectangular) 50/Pkg.



Etched Stops

- Universal fit for all arch wires
- Gray oxide appearance
- Can be crimped without removing wire
- Crimp once at mesial and distal end

ITEM

- 181-12/22 100/Pkg.



Split Rectangular Stops

ITEM

- #181-18/22
100/Pkg. as 10 strips of 10 each



TAD Open Wall Stop

- 2 mm in length
- Fits .018 through .021 x .025 wire
- Designed to immobilize TAD vertical or cross tubes

ITEM

- 191M 10/Pkg.



Stop Locks

ITEM

- 188-22 Fits all arch wires
5/Pkg.

Wrench for Stop Locks

ITEM

- 136SLW





Split Surgical Ball Hook & Stop

Works on 16x22 through 19x25 wires

ITEM #

182-18/22 (Italy) 10/Pkg.



Split Curved Ball Hook & Stop

ITEM #

182-18/22R (Brazil)

182-18/22L

(works on 16x22 through 19x25 wires; specify right or left)

10/Pkg.



Closed Rectangular Ball Hook & Stop

ITEM #

185-18 .018x.025

185-22 .021x.025

10/Pkg.



Closed Rectangular Curved Ball Hook & Stop

ITEM #

184-18 .018x.025

184-22 .021x.025

10/Pkg.



Short Crimpable Hook

ITEM #

192

(works on 17x25 through 19x25 wires)

20/Pkg.



Symmetry SE Torquing Arches

PRE-TORQUED @ 20° IN THREE mm SIZES

SIZE	ITEM #
016x022	230-16x22 (28) (34) (38)
017x025	230-17x25 (28) (34) (38)
019x025	230-19x25 (28) (34) (38)
021x025	230-21x25 (28) (34) (38)

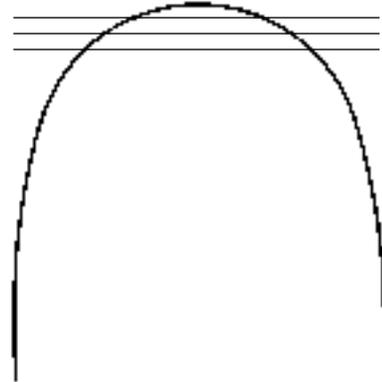
5/Pkg.

28 mm – 1 mid line

34 mm – 2 mid line

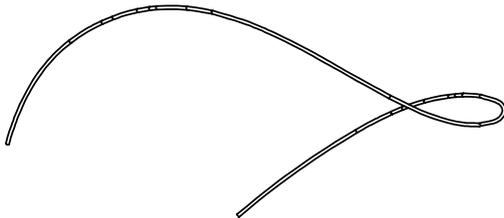
38 mm – 3 mid line

SYMMETRY



Phoenix Torqued RCS – Pro Force

- 20 Degrees of labial root torque placed at 34 and 38mm increments
- Align and level while providing anterior torque control
- Moderate arch width and molar rotation control



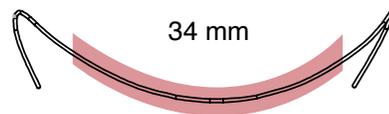
5/Pkg.

SIZE	ITEM #
16x25	246-16x25 (34-2)
17x25	246-17x25 (34-2)
19x25	246-19x25 (34-2)

with 34mm torque area and two etched mid lines

SIZE	ITEM #
16x25	246-16x25 (38-3)
17x25	246-17x25 (38-3)
19x25	246-19x25 (38-3)

with 38mm torque area and three etched mid lines





Stainless Steel Specialty Wires/Auxiliaries

Stainless Steel Specialty Wires

8 Braid



SYMMETRY

#110

110-16x22	(016x022)
110-17x25	(017x025)
110-18x25	(018x025)
110-19x25	(019x025)
110-21x25	(021x025)

10/Pkg.

Specify Upper or Lower

Co-Axial

6 STRAND 30' Spools



ITEM

115-SP-155	0155
115-SP-175	0175
115-SP-195	0195

Twist

3 STRAND 30' Spools



ITEM

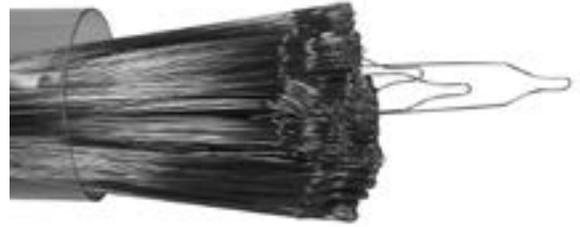
112-SP-155	0155
112-SP-175	0175
112-SP-195	0195



Ligature Wire – Short, Angulated, Pre-Formed

ITEM

107SL	.010	1,000/Pkg.
107SL	.008	500/Pkg.
100SL	.012	500/Pkg.



Ligature Wire – Long

ITEM

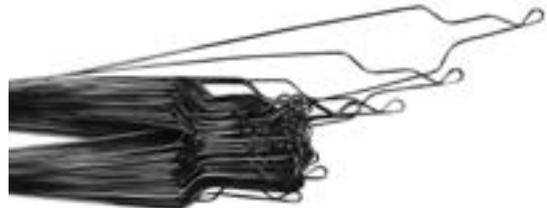
107LL-08	.008	1,000/Pkg.
107LL-09	.009	1,000/Pkg.
107LL-10	.010	1,000/Pkg.
107LL-11	.011	1,000/Pkg.
107LL-12	.012	1,000/Pkg.
107LL-14	.014	500/Pkg.



Kobayashi Hooks – Short

ITEM

107SK-12	.012	
107SK-14	.014	100/Pkg.



Kobayashi Hooks – Long

ITEM

107LK-10	.010	
107LK-12	.012	
107LK-14	.014	100/Pkg.



SE Nickel Titanium

15' SPOOLS	ITEM #
012	224SP-12
014	224SP-14
016	224SP-16
018	224SP-18
020	224SP-20



N/T Separating Springs

	ITEM #		ITEM #	
018 Small (bicuspid)	220-S	016x022	220-16x22N	(narrow-molar/bicuspid)
018 Large (molar)	220-L	016x022*	220-16x22W	(wide-molar/molar)
25/Pkg.		017x025*	220-17x25L	(long-separator/deimpacting)

15/Pkg.

**Ideal for molar eruption when used with 014 S/E NT and Bonded Tubes*



220-16x22N



220-16x22W



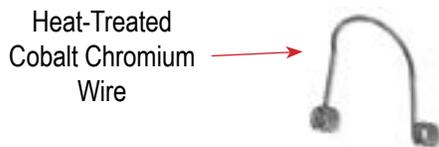
220-17x25L

Anterior Torquing Springs

Applies torque to individual teeth.

Four sizes of springs to fit four rectangular archwires including the new 014x025 size which allows for earlier correction of needed torque, holding it longer in desired position, which should reduce relapse.

.011 heat treated cobalt chromium alloy wire applies optimum force with high fatigue resistance.



Heat-Treated
Cobalt Chromium
Wire



Elliptical Spring
Shape

ITEM #		ITEM #
114-14/25		14/25
114-17/25		17/25
114-18/25		18/25
114-19/25		19/25

Sold 10/Pkg.



SE Nickel Titanium and Stainless Steel Arch Forms



SIZES	NATURAL		OVOID	
	NICKEL TITANIUM	STAINLESS STEEL	NICKEL TITANIUM	STAINLESS STEEL
012U	N-NT-12U		OV-NT-12U	
012L	N-NT-12L		OV-NT-12L	
014U	N-NT-14U	N-SS-14U	OV-NT-14U	OV-SS-14U
014L	N-NT-14L	N-SS-14L	OV-NT-14L	OV-SS-14L
016U	N-NT-16U	N-SS-16U	OV-NT-16U	OV-SS-16U
016L	N-NT-16L	N-SS-16L	OV-NT-16L	OV-SS-16L
018U	N-NT-18U	N-SS-18U	OV-NT-18U	OV-SS-18U
018L	N-NT-18L	N-SS-18L	OV-NT-18L	OV-SS-18L
020U	N-NT-20U	N-SS-20U	OV-NT-20U	OV-SS-20U
020L	N-NT-20L	N-SS-20L	OV-NT-20L	OV-SS-20L
014x025U	N-NT-14x25U		OV-NT-14x25U	
014x025L	N-NT-14x25L		OV-NT-14x25L	
016x016U	N-NT-16x16U			
016x016L	N-NT-16x16L			
016x022U	N-NT-16x22U	N-SS-16x22U	OV-NT-16x22U	OV-SS-16x22U
016x022L	N-NT-16x22L	N-SS-16x22L	OV-NT-16x22L	OV-SS-16x22L
016x025U	N-NT-16x25U	N-SS-16x25U	OV-NT-16x25U	
016x025L	N-NT-16x25L	N-SS-16x25L	OV-NT-16x25L	
017x025U	N-NT-17x25U	N-SS-17x25U	OV-NT-17x25U	OV-SS-17x25U
017x025L	N-NT-17x25L	N-SS-17x25L	OV-NT-17x25L	OV-SS-17x25L
018x018U	N-NT-18x18U	N-SS-18x18U		
018x018L	N-NT-18x18L	N-SS-18x18L		
018x025U	N-NT-18x25U	N-SS-18x25U	OV-NT-18x25U	OV-SS-18x25U
018x025L	N-NT-18x25L	N-SS-18x25L	OV-NT-18x25L	OV-SS-18x25L
019x025U	N-NT-19x25U	N-SS-19x25U	OV-NT-19x25U	OV-SS-19x25U
019x025L	N-NT-19x25L	N-SS-19x25L	OV-NT-19x25L	OV-SS-19x25L
020x020U	N-NT-20x20U	N-SS-20x20U	OV-NT-20x20U	OV-SS-20x20U
020x020L	N-NT-20x20L	N-SS-20x20L	OV-NT-20x20L	OV-SS-20x20L
021x025U	N-NT-21x25U	N-SS-21x25U		OV-SS-21x25U
021x025L	N-NT-21x25L	N-SS-21x25L		OV-SS-21x25L

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