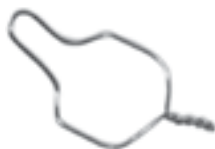


SPECIAL WIRES AND WIRE AUXILIARIES



Page 1 Nickel Titanium Open Coil Springs, Distalizing Springs

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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

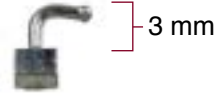
- 188-22 Fits all arch wires
5/Pkg.

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

- 2 mm short split surgical hook
- Domed head allows for multidirectional engagement
- Fits .016 x .022 through .021 x .025 wire
- Crimp once mesial/distal with hard wire cutter

ITEM

190S 10/Pkg.

Long Crimpable Hook

- 6 mm tall directional split hook
- Useful with TAD auxiliaries
- Fits .016 x .022 through .021 x .025 wire

ITEM

190LR Right 10/Pkg

190LL Left 10/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)

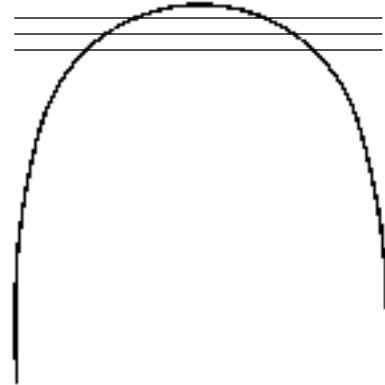
5/Pkg.

28 mm – 1 mid line

34 mm – 2 mid line

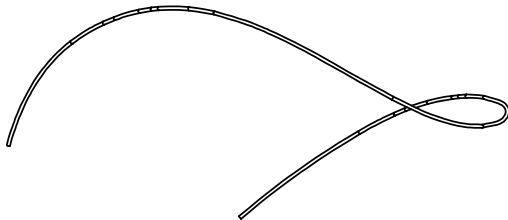
38 mm – 3 mid line

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



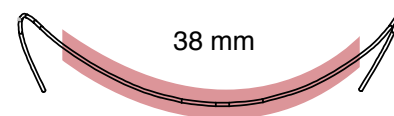
5/Pkg.

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

SYMMETRY II

#111



111-16x22	(016x022)
111-17x25	(017x025)
111-19x25	(019x025)

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

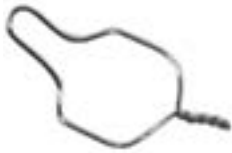
Twist

3 STRAND 30' Spools



ITEM

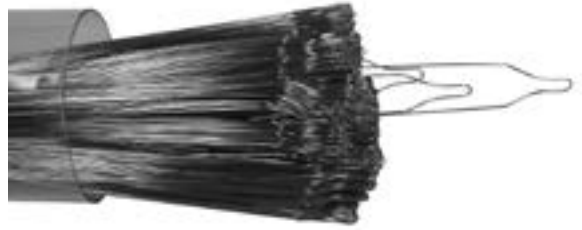
112-SP-155	0155
112-SP-175	0175
112-SP-195	0195



Ligature Wire – Short, Angulated, Pre-Formed

ITEM

107SL .010 1,000/Pkg.



Ligature Wire – Long

ITEM

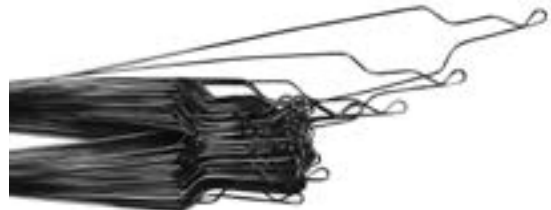
107LL-08	.008	1,000/Pkg.
107LL-09	.009	1,000/Pkg.
107LL-10	.010	1,000/Pkg.
107LL-11	.011	1,000/Pkg.
107LL-12	.012	1,000/Pkg.
107LL-14	.014	500/Pkg.



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



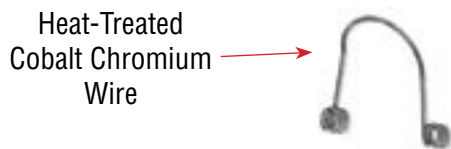
220-17x25L

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.



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.



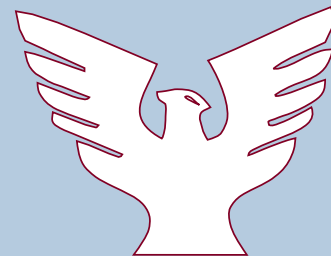
Basic Arch Forms: Nickel Titanium and Stainless Steel



SIZES	BASIC NATURAL		BASIC OVOID	
	NICKEL TITANIUM	STAINLESS STEEL	NICKEL TITANIUM	STAINLESS STEEL
012U	BN-NT-12U		BOV-NT-12U	
012L	BN-NT-12L		BOV-NT-12L	
014U	BN-NT-14U	BN-SS-14U	BOV-NT-14U	BOV-SS-14U
014L	BN-NT-14L	BN-SS-14L	BOV-NT-14L	BOV-SS-14L
016U	BN-NT-16U	BN-SS-16U	BOV-NT-16U	BOV-SS-16U
016L	BN-NT-16L	BN-SS-16L	BOV-NT-16L	BOV-SS-16L
018U	BN-NT-18U	BN-SS-18U	BOV-NT-18U	BOV-SS-18U
018L	BN-NT-18L	BN-SS-18L	BOV-NT-18L	BOV-SS-18L
020U	BN-NT-20U	BN-SS-20U	BOV-NT-20U	BOV-SS-20U
020L	BN-NT-20L	BN-SS-20L	BOV-NT-20L	BOV-SS-20L
014x025U	BN-NT-14x25U		BOV-NT-14x25U	
014x025L	BN-NT-14x25L		BOV-NT-14x25L	
016x016U				
016x016L				
016x022U	BN-NT-16x22U	BN-SS-16x22U	BOV-NT-16x22U	BOV-SS-16x22U
016x022L	BN-NT-16x22L	BN-SS-16x22L	BOV-NT-16x22L	BOV-SS-16x22L
016x025U	BN-NT-16x25U		BOV-NT-16x25U	
016x025L	BN-NT-16x25L		BOV-NT-16x25L	
017x025U	BN-NT-17x25U	BN-SS-17x25U	BOV-NT-17x25U	BOV-SS-17x25U
017x025L	BN-NT-17x25L	BN-SS-17x25L	BOV-NT-17x25L	BOV-SS-17x25L
018x018U				
018x018L				
018x025U	BN-NT-18x25U	BN-SS-18X25U	BOV-NT-18x25U	BOV-SS-18x25U
018x025L	BN-NT-18x25L	BN-SS-18X25L	BOV-NT-18x25L	BOV-SS-18x25L
019x025U	BN-NT-19x25U	BN-SS-19x25U	BOV-NT-19x25U	BOV-SS-19x25U
019x025L	BN-NT-19x25L	BN-SS-19x25L	BOV-NT-19x25L	BOV-SS-19x25L
020x020U	BN-NT-20x20U		BOV-NT-20x20U	BOV-SS-20x20U
020x020L	BN-NT-20x20L		BOV-NT-20x20L	BOV-SS-20x20L
021x025U		BN-SS-21x25U		BOV-SS-21x25U
021x025L		BN-SS-21x25L		BOV-SS-21x25L

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