

S.E.T.[™] Anterior Pre-Torqued Nickel Titanium

SUPER ELASTIC PREFORMED ARCHWIRES Patented 5,722,827 / 6,036,489



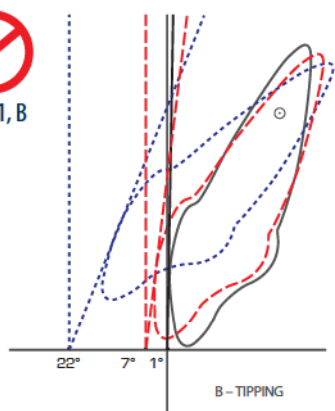
WELL OVER 10,000 PATIENTS HAVE BENEFITED FROM FASTER TREATMENT TIMES AND MORE COMFORTABLE TREATMENT PROCEDURES!

The use of S.E.T.[™] archwires continues to expand as orthodontists realize the benefits of consistent, accurate and predictable anterior torque without the detrimental side effects associated with relatively high force stainless steel archwires. This reduction in force without sacrificing torque is believed to be less disruptive to the PDL, resulting in faster tooth movement with less possibility of root resorption.

Patent# 5,722,827 & 6,036,489



FIG.1, B



1. Meyer, Michael and Nelson, Gerald: Preadjusted edgewise appliances: Theory and practice, A.M. J. ORTHOD. 73: 485-498, 1978.

THE ORIGINAL ANTERIOR PRE-TORQUED ARCHWIRE!

Fig.1, B The relatively high torquing forces associated with stainless steel archwires can detrimentally impact a case nearing completion, resulting in increased chair and overall treatment time.

*"Because of the resistance presented by the lingual wall of the anterior bony socket, anterior torquing couples can result in mesial movements of the posterior teeth...and flaring of the incisors."*¹

- 28 mm lower archwire controls lower anterior rollout
- 34 mm upper archwire - Our Most Popular Size
- 38 mm upper archwire for broad arches

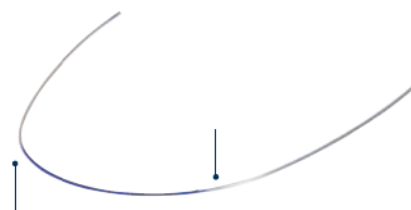
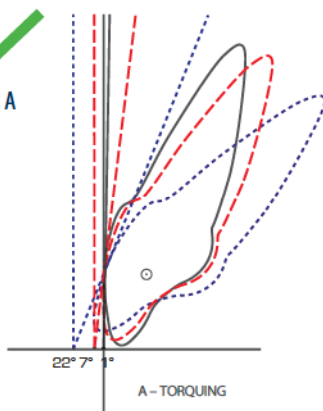


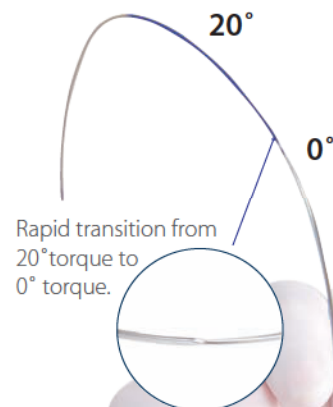
FIG.1, A



Figs. 1, A&B adapted from: Vardimon, Alexander and Lambert, Wolfgang: Statistical evaluation of torque angles in reference to straight-wire appliance (SWA) theories, A.M. J. ORTHOD. 89: 56-66, 1986.

Fig.1, A S.E.T.[™] archwires offer dramatically reduced levels of force and promote a truer torque force. Interincisal anterior crown movement will be minimized while promoting efficient root torque and parallelism necessary for successful case completion. The reduction in anterior torquing forces will also reduce posterior anchorage requirements.

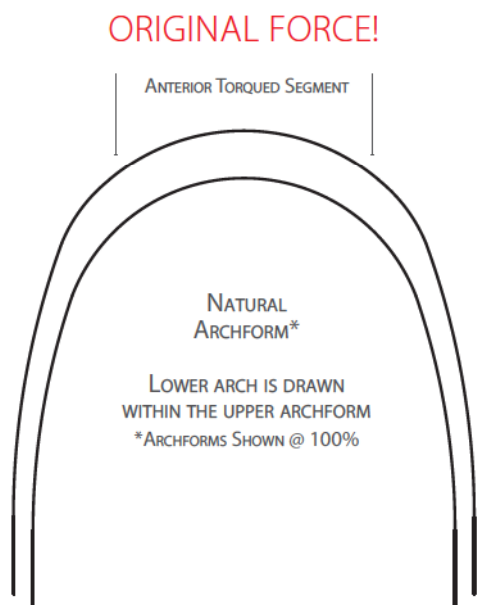
S.E.T. wires are also indicated for uprighting lower anteriors and preventing the "rollout" common with continuous arch straight wire therapy.



Made in the U.S.A.

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5/PK



ETCHED MIDLINE			
DIAMETER	TORQUE°	SPAN	CODE
.016 x .022	19	28MM	530-501
.016 x .022		34MM	530-502
.016 x .022		38MM	530-503
.017 x .025	19	28MM	530-534
.017 x .025		34MM	530-535
.017 x .025		38MM	530-536
.018 x .025	19	28MM	530-511
.018 x .025		34MM	530-512
.018 x .025		38MM	530-513
.019 x .025	19	28MM	530-541
.019 x .025		34MM	530-542
.019 x .025		38MM	530-543
.021 x .025	19	28MM	530-531
.021 x .025		34MM	530-532
.021 x .025		38MM	530-533

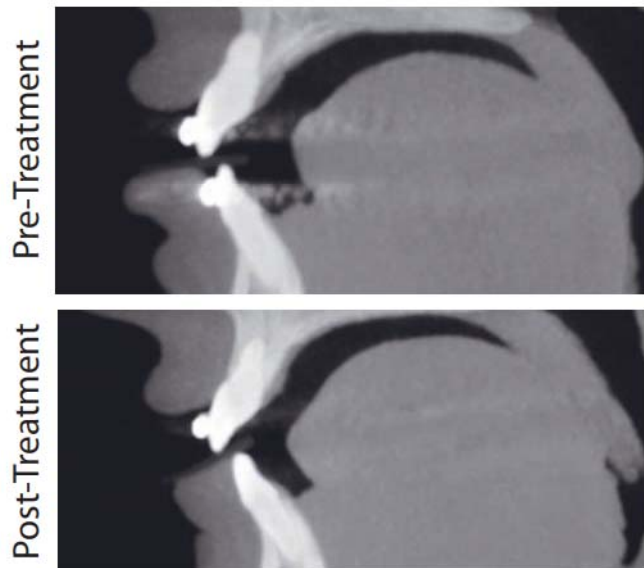
S.E.T™ THERMAL Anterior Pre-Torqued Nickel Titanium

LOW FORCE DAMON† COMPATIBLE ARCHWIRES

- Thermal S.E.T. wires are easier to engage, especially when chilled.
- The gentle forces are initiated by intraoral war ming and remain consistently low throughout treatment.
- Patients can reduce any initial discomfort with cold water rinses.



NATURAL ARCHFORM*
AS SHOWN ABOVE



5/PK



ETCHED MIDLINE			
DIAMETER	TORQUE°	SPAN	CODE
.016 x .022	19	28MM	530-551
.016 x .022		34MM	530-552
.016 x .022		38MM	530-553
.017 x .025	19	28MM	530-560
.017 x .025		34MM	530-561
.017 x .025		38MM	530-562
.019 x .025	19	28MM	530-563
.019 x .025		34MM	530-564
.019 x .025		38MM	530-565
.021 x .025	19	34MM	530-558

RC S.E.T.[™] Anterior Pre-Torqued Reverse Curve

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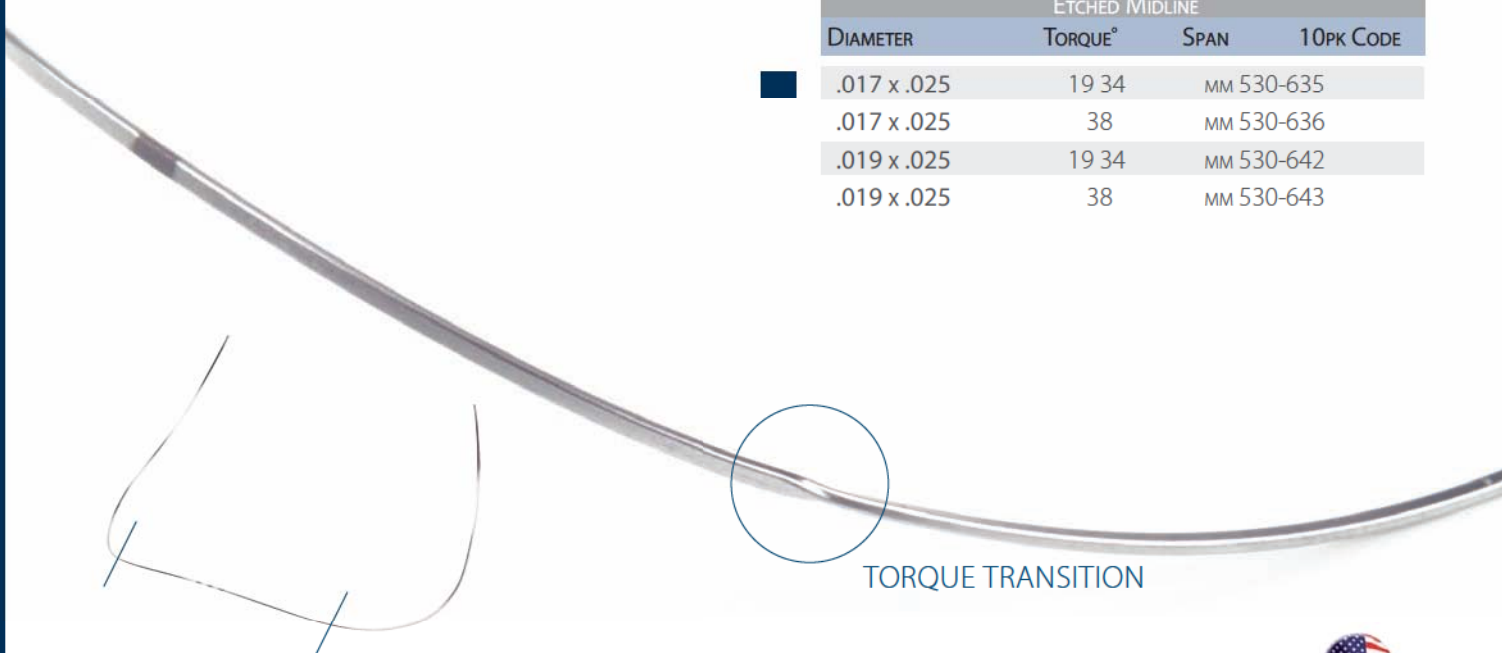


SIMPLE, PREDICTABLE...PERFECT!

Well, I guess we made a mistake! Doctors who used the wire and had outstanding results were adamant that we bring this wire back. We encourage those who have not tried RC S.E.T. to experience the tremendous results found by your peers.

- Excellent wire for the correction of Class II deep overbite cases.
- Early introduction of torque in upper centrals and laterals with wires that are less than full size to aid insertion.
- A simple and predictable method for introducing uprighting torque into the lower anterior segment to avoid “rollout” problems common with straight wire systems.
- Wires are less than full size relative to the bracket slot to aid insertion, and nickel titanium provides the low force and high resiliency desirable for an initial archwire.

DIAMETER	ETCHED MIDLINE		10PK CODE
	TORQUE°	SPAN	
.017 x .025	19 34	MM	530-635
.017 x .025	38	MM	530-636
.019 x .025	19 34	MM	530-642
.019 x .025	38	MM	530-643



WIRE IDENTIFICATION



In addition the etched midline marking (below right) each S.E.T.[™] Wire features an etched marking in the bicuspid region of the wire. When maxillary S.E.T.[™] Wires are properly placed, the bicuspid marking should correlate to the patients right bicuspid. When the wire is placed in this position it will express maxillary anterior lingual root torque. Flipping the archwire will express maxillary labial root torque. S.E.T.[™] Wire was designed for the expression of maxillary anterior lingual root torque as well as lower anterior uprighting torque to counteract lower anterior “rollout”.

