



TP Orthodontics, Inc.

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WIRE

WIRE

Standard Archwire

Aesthetic Archwire

- Reflex® Nickel Titanium
- Shiny Bright Stainless Steel

Nickel Titanium Archwire

- Reflex® Original
- Reflex® Original Coil Wire
- Reflex® Original with Center Bend
- Reflex® Heat-Activated
- Reflex® Heat-Activated with Center Bend

Stainless Steel Archwire

- Shiny Bright Preformed Archwires
- Shiny Bright Straight Wire Lengths

Titanium Archwire

- TiMolium® Titanium
- Aesthetic Archwire

Braided 8-Strand Wire

- Nickel Titanium
- Aesthetic Archwire

Specialty Archwire

TP Original Stainless Steel (Tip-Edge® Compatible)

- Coils
- Lengths

Rounded Rectangular Stainless Steel

- Preformed Archwire
- Lengths

Co-Ax®

- Coils
- Lengths

Woven 8-Strand

Tip-Edge® System Archwire

Tip-Edge® Archwires

Tip-Edge® Looped Archwires

TP Original Preformed Archwires

Bow-Flex Stainless Steel

- Preformed Archwires
- Coils

Pretorqued Archwires

Ligature Wires

Preformed Ties

Angular Twisted Ties

Kobayashi Ties

Wire on Spools

Aesthetic Wire

Reflex® Nickel Titanium

- Available in a variety of shapes and wire types.
- Tooth-colored coating on labial side of wire for accurate wire sizing and reduced friction.
- Convenience-Pak® individual wire packaging, which consists of a box of ten archwires.



Straight Arch Form

Wire Size		Upper	Lower
0.30mm	(.012")	381-183W	381-182W
0.36mm	(.014")	381-159W	381-158W
0.41mm	(.016")	381-165W	381-164W
0.46mm	(.018")	381-167W	381-166W
0.51mm	(.020")	381-169W	381-168W
0.41 x 0.41mm	(.016" x .016")	381-179W	381-178W
0.41 x 0.56mm	(.016" x .022")	381-171W	381-170W
0.43 x 0.64mm	(.017" x .025")	381-173W	381-172W
0.46 x 0.64mm	(.018" x .025")	381-187W	381-186W
0.48 x 0.64mm	(.019" x .025")	381-175W	381-174W
0.55 x 0.64mm	(.0215" x .025")	381-177W	381-176W

Package of 10



Aesthetic wire with ClearVu® ceramic brackets.

Shiny Bright Stainless Steel



Straight Arch Form

Wire Size		Upper	Lower
0.41mm	(.016")	381-063W	381-064W
0.46mm	(.018")	381-065W	381-066W
0.51mm	(.020")	381-067W	381-068W
0.41 x 0.41mm	(.016" x .016")	381-081W	381-080W
0.41 x 0.56mm	(.016" x .022")	381-083W	381-082W
0.43 x 0.64mm	(.017" x .025")	381-085W	381-084W
0.46 x 0.64mm	(.018" x .025")	381-087W	381-086W
0.48 x 0.64mm	(.019" x .025")	381-089W	381-088W
0.55 x 0.64mm	(.0215" x .025")	381-193W	381-194W
0.55 x 0.71mm	(.0215" x .028")	381-191W	381-192W

Package of 10

Reflex® Original Nickel Titanium Wire

- Resists permanent distortion.
- Available in a variety of round and rectangular wire sizes.
- Midlines are clearly marked.
- Triple etch marks indicate upper arches, single etch marks indicate lowers.
- Curved Memory arches feature black ink markings on the uppers and red on the lowers.



Wire Size	Standard Arch Form		Straight Arch Form		Straight Arch II Form		Broad Arch	
	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower
0.30mm (.012")	381-259	381-258	381-183	381-182	383-531	383-530	381-211	381-212
0.36mm (.014")	381-261	381-260	381-159	381-158	383-533	383-532	381-213	381-214
0.41mm (.016")	381-263	381-262	381-165	381-164	383-535	383-534		
0.46mm (.018")	381-265	381-264	381-167	381-166	383-537	383-536		
0.51mm (.020")	381-267	381-266	381-169	381-168	383-539	383-538		
0.41 x 0.41mm (.016" x .016")	381-269	381-268	381-179	381-178	383-541	383-540		
0.41 x 0.56mm (.016" x .022")	381-271	381-270	381-171	381-170	383-543	383-542	381-223	381-224
0.43 x 0.64mm (.017" x .025")	381-273	381-272	381-173	381-172	383-545	383-544		
0.46 x 0.46mm (.018" x .018")	381-277	381-276	381-181	381-180	383-547	383-546		
0.46 x 0.64mm (.018" x .025")	381-279	381-278	381-187	381-186	383-549	383-548	381-229	381-230
0.48 x 0.64mm (.019" x .025")	381-275	381-274	381-175	381-174	383-551	383-550		
0.51 x 0.51mm (.020" x .020")	381-281	381-280	381-188	381-189	383-553	383-552		
0.55 x 0.64mm (.0215" x .025")	381-283	381-282	381-177	381-176	383-555	383-554	381-235	381-236

Package of 10



Wire Size	Curved Memory	
	Upper	Lower
0.30mm (.012")	381-550	381-551
0.36mm (.014")	381-552	381-553
0.41mm (.016")	381-500	381-501
0.46mm (.018")	381-502	381-503
0.51mm (.020")	381-554	381-555
0.41 x 0.41mm (.016" x .016")	381-556	381-557
0.41 x 0.56mm (.016" x .022")	381-504	381-505
0.43 x 0.64mm (.017" x .025")	381-506	381-507
0.46 x 0.46mm (.018" x .018")	381-558	381-559
0.46 x 0.64mm (.018" x .025")	381-560	381-561
0.48 x 0.64mm (.019" x .025")	381-508	381-509
0.51 x 0.51mm (.020" x .020")	381-562	381-563
0.55 x 0.64mm (.0215" x .025")	381-564	381-565

Package of 10

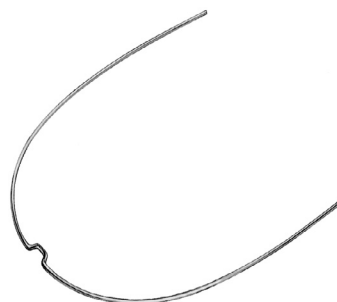
4.5m (15 ft.) COIL

Wire Size	Order No.
0.36mm (.014")	382-114
0.41mm (.016")	382-116

Package of 1

Reflex® Original Nickel Titanium Wire With Center Bend

- Small horizontal bend in the midline prevents sliding to the right or left.
- Upper wires feature a wider bend of 4.5mm (.178").
- Lower wires have a narrower 3.2mm (.124") bend.



Wire Size		Straight Arch Form		Curved Memory	
		Upper	Lower	Upper	Lower
0.30mm	(.012")	381-387	381-386	381-520	381-521
0.36mm	(.014")	381-389	381-388	381-522	381-523
0.41mm	(.016")	381-367	381-366	381-524	381-525
0.46mm	(.018")	381-369	381-368	381-526	381-527
0.51mm	(.020")	381-391	381-390	381-528	381-529
0.41 x 0.41mm	(.016" x .016")	381-393	381-392	381-530	381-531
0.41 x 0.56mm	(.016" x .022")	381-371	381-370	381-532	381-533
0.43 x 0.64mm	(.017" x .025")	381-373	381-372	381-534	381-535
0.46 x 0.64mm	(.018" x .025")	381-395	381-394	381-536	381-537
0.48 x 0.64mm	(.019" x .025")	381-401	381-400	381-538	381-539
0.55 x 0.64mm	(.0215" x .025")	381-403	381-402	381-540	381-541

Package of 10

Reflex® Heat-Activated Nickel Titanium Wire

- Heat-activated nickel titanium.
- Deforms at room temperature and super-elastic at body temperature.
- Transition temperatures:
 - Round wire = 78.8°F (26°C) to 89.6°F (32°C)
 - Rectangular wire = 84.2°F (29°C) to 95°F (35°C)
- Midlines are clearly marked.
- Triple etch marks indicate upper arches, single etch marks indicate lowers.
- Curved memory arches feature black ink markings on the uppers and red on the lowers.

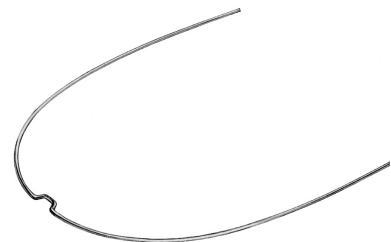


Wire Size		Standard Arch Form		Straight Arch Form		Curved Memory	
		Upper	Lower	Upper	Lower	Upper	Lower
0.30mm	(.012")	381-789	381-788	381-799	381-798	381-600	381-601
0.36mm	(.014")	381-821	381-820	381-801	381-800	381-602	381-603
0.41mm	(.016")	381-823	381-822	381-803	381-802	381-604	381-605
0.46mm	(.018")	381-825	381-824	381-805	381-804	381-606	381-607
0.51mm	(.020")	381-791	381-790	381-813	381-812	381-608	381-609
0.41 x 0.41mm	(.016" x .016")			381-815	381-814	381-610	381-611
0.41 x 0.56mm	(.016" x .022")			381-807	381-806	381-612	381-613
0.43 x 0.64mm	(.017" x .025")			381-809	381-808	381-614	381-615
0.46 x 0.64mm	(.018" x .025")			381-811	381-810	381-616	381-617
0.48 x 0.64mm	(.019" x .025")			381-817	381-816	381-618	381-619
0.55 x 0.64mm	(.021" x .025")			381-819	381-818	381-620	381-621

Package of 10

With Center Bend

- Small horizontal bend in the midline prevents sliding to the right or left.
- Upper wires feature a wider bend of 4.5mm (.178").
- Lower wires have a narrower 3.2mm (.124") bend.



Wire Size		Straight Arch Form		Curved Memory	
		Upper	Lower	Upper	Lower
0.30mm	(.012")	381-863	381-862	381-570	381-571
0.36mm	(.014")	381-865	381-864	381-572	381-573
0.41mm	(.016")	381-833	381-832	381-574	381-575
0.46mm	(.018")	381-835	381-834	381-576	381-577
0.51mm	(.020")	381-867	381-866	381-578	381-579
0.41 x 0.41mm	(.016" x .016")	381-869	381-868	381-580	381-581
0.41 x 0.56mm	(.016" x .022")	381-837	381-836	381-582	381-583
0.43 x 0.64mm	(.017" x .025")	381-839	381-838	381-584	381-585
0.46 x 0.64mm	(.018" x .025")	381-871	381-870	381-586	381-587
0.48 x 0.64mm	(.019" x .025")	381-873	381-872	381-588	381-589
0.55 x 0.64mm	(.021" x .025")	381-875	381-874	381-590	381-591

Package of 10

Shiny Bright Stainless Steel Wire

- Heat-treated and stress-relieved to provide spring properties without brittleness.
- Clearly marked midlines.
- Upper arches feature triple etch marks; lowers have single etch marks.



Wire Size		Standard Arch Form		Straight Arch Form		Straight Arch II Form	
		Upper	Lower	Upper	Lower	Upper	Lower
0.30mm	(.012")	381-047	381-046	381-049	381-048	383-561	383-560
0.36mm	(.014")	381-051	381-052	381-061	381-062	383-563	383-562
0.41mm	(.016")	381-053	381-054	381-063	381-064	383-565	383-564
0.46mm	(.018")	381-055	381-056	381-065	381-066	383-567	383-566
0.51mm	(.020")	381-057	381-058	381-067	381-068	383-569	383-568
0.41 x 0.41mm	(.016" x .016")	381-071	381-070	381-081	381-080	383-571	383-570
0.41 x 0.56mm	(.016" x .022")	381-073	381-072	381-083	381-082	383-573	383-572
0.43 x 0.64mm	(.017" x .025")	381-075	381-074	381-085	381-084	383-575	383-574
0.46 x 0.56mm	(.018" x .022")	381-245	381-246	381-091	381-090	383-583	383-582
0.46 x 0.64mm	(.018" x .025")	381-077	381-076	381-087	381-086	383-585	383-584
0.48 x 0.64mm	(.019" x .025")	381-079	381-078	381-089	381-088	383-577	383-576
0.55 x 0.64mm	(.0215" x .025")	381-253	381-254	381-193	381-194	383-579	383-578
0.55 x 0.71mm	(.0215" x .028")	381-197	381-198	381-191	381-192	383-581	383-580

Package of 10

35.6cm (14") LENGTHS

Wire Size		Order No.
0.30mm	(.012")	380-238
0.36mm	(.014")	380-239
0.41mm	(.016")	380-240
0.46mm	(.018")	380-241
0.51mm	(.020")	380-242
0.41 x 0.41mm	(.016" x .016")	380-245
0.41 x 0.56mm	(.016" x .022")	380-246
0.43 x 0.64mm	(.017" x .025")	380-247
0.46 x 0.56mm	(.018" x .022")	380-248
0.46 x 0.64mm	(.018" x .025")	380-249
0.48 x 0.48mm	(.019" x .019")	380-250
0.48 x 0.64mm	(.019" x .025")	380-251
0.51 x 0.56mm	(.020" x .022")	380-252
0.53 x 0.64mm	(.021" x .025")	380-253
0.56 x 0.71mm	(.022" x .028")	380-254

Package of 10

TiMolium® Titanium Wire

- Flexibility, continuous force and springback of nickel titanium.
- High stiffness and bendability of stainless steel wire.
- Can be welded.
- Convenience-Pak packaging.



Wire Size	Standard Arch Form		Straight Arch Form			
	Upper	Lower	Upper Small	Upper Large	Lower Small	Lower Large
0.41 x 0.56mm (.016" x .022")	386-506	386-507	386-520	386-521	386-534	386-535
0.43 x 0.64mm (.017" x .025")	386-508	386-509	386-522	386-523	386-536	386-537
0.44 x 0.44mm (.0175" x .0175")	386-504	386-505	386-518	386-519	386-532	386-533
0.48 x 0.64mm (.019" x .025")	386-510	386-511	386-524	386-525	386-538	386-539
0.53 x 0.64mm (.021" x .025")	386-512	386-513	386-526	386-527	386-540	386-541

Package of 10

TiMolium Aesthetic Wire



Wire Size	Straight Arch Form	
	Upper Small	Lower Small
0.41 x 0.56mm (.016" x .022")	386-520W	386-534W
0.44 x 0.44mm (.0175" x .0175")	386-518W	386-532W

Package of 10

Braided 8-Strand Wire

Nickel Titanium



Wire Size	Broad Arch Form		Straight Arch Form	
	Upper	Lower	Upper	Lower
0.43 x 0.64mm (.017" x .025")	381-310	381-311	381-322	381-323
0.53 x 0.64mm (.021" x .025")	381-316	381-317	381-326	381-327

Package of 10

Braided 8-Strand Aesthetic Wire



Wire Size	Broad Arch Form		Straight Arch Form	
	Upper	Lower	Upper	Lower
0.43 x 0.64mm (.017" x .025")	381-310W	381-311W	381-322W	381-323W
0.53 x 0.64mm (.021" x .025")	381-316W	381-317W	381-326W	381-327W

Package of 10

Specialty Archwire

TP Original Stainless Steel Wire*

Standard Grade (White Label)

- Easiest to bend.
- Used for practice bending or forming auxiliaries.
- Can be used for archwires when distortion and bite-opening are not a problem.

Standard Plus Grade (Green Label)

- Relatively easy to form, yet stiffer than Standard grade.
- Used for auxiliaries and archwires for more pressure and resistance to deformation.

Premier Grade (Black Label)

- Higher tensile strength.
- Can be formed into intricate shapes with little danger of breakage.
- The 0.41mm (.016") is often used for starting arches in many techniques.

Premier Plus Grade (Orange Label)

- Used by experienced operators.
- Hardness and resiliency of 0.41mm (.016") size supports anchorage and deep overbites.

TP ORIGINAL WIRE COILS

Grade	Color Code	0.30mm (.012")	0.36mm (.014")	0.41mm (.016")	0.46mm (.018")	0.51mm (.020")	0.56mm (.022")
Standard	White	229-000	230-100	231-300	232-400	233-500	
Standard Plus	Green		230-110	231-310	232-410	233-510	
Premier	Black		230-120	231-320	232-420	233-520	
Premier Plus	Orange		230-130	231-330	232-430	233-530	234-630

7.5 m (25 ft.) coil

TP ORIGINAL WIRE LENGTHS

Grade	Color Code	Length	0.36mm (.014")	0.41mm (.016")	0.46mm (.018")	0.51mm (.020")
Standard Plus	Green	25.4 cm (10")	230-111	231-311	232-411	233-511
Premier	Black	25.4 cm (10")	230-121	231-321	232-421	233-521
Premier Plus	Orange	25.4 cm (10")		231-331	232-431	233-531

Package of 30

*Tip-Edge System compatible.

800-348-8856

Specialty Archwire

Rounded Rectangular Wire

- Stainless steel.
- Rounded corners.
- Recommended for use throughout treatment after leveling.
- Conform to average upper and lower arch forms with centerlines clearly marked.
- Upper arches feature triple etch marks; lowers have single etch marks.



Wire Size	Standard Arch Form		Straight Arch Form		17.8cm (7") Lengths
	Upper	Lower	Upper	Lower	
0.41 x 0.56mm (.016" x .022")			381-356	381-355	
0.43 x 0.64mm (.017" x .025")			381-364	381-363	
0.46 x 0.64mm (.018" x .025")			381-385	381-384	380-182
0.48 x 0.66mm (.019" x .026")	381-397	381-396	381-399	381-398	380-196
0.55 x 0.69mm (.0215" x .027")			381-360	381-359	

Package of 10

Co-Ax[®] Wire

- Aligns crowded and rotated anteriors.
- Provides light, continuous forces over a long period of time.
- Features clearly marked midlines.
- Upper arches feature triple etch marks; lowers have single etch marks.



CO-AX COIL

0.41mm (.016")	0.46mm (.018")	0.51mm (.020")	0.56mm (.022")
231-356	231-358	231-360	231-362

9 m (30 ft.) coil

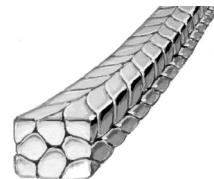
CO-AX 35.6cm (14") LENGTHS

0.46mm (.018")
231-375

Package of 10

Woven 8-Strand Wire

- Rectangular outer dimension.
- Can be soldered or bent into loops.
- Conforms to average upper and lower arch forms.
- Features clearly marked midlines.
- Upper arches feature triple etch marks; lowers have single etch marks.



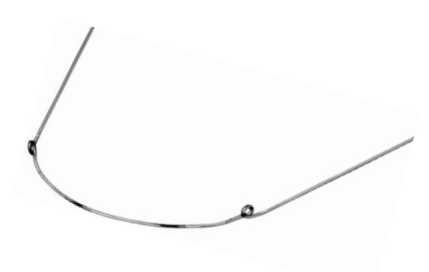
Wire Size	Standard Arch Form		Straight Arch Form	
	Upper	Lower	Upper	Lower
0.53 x 0.64mm (.021" x .025")	381-155	381-154	381-149	381-148

Package of 10

Tip-Edge® System Archwire

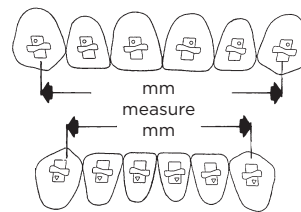
Tip-Edge Archwires

- Used in the Differential Straight-Arch® technique.
- Bow-Flex wire used for .016" archwires.
- TP Original Premier Plus wire used for all other arches.
- Intermaxillary circles are vertically inclined for comfort.



mm	0.41mm (.016")	0.46mm (.018")	0.51mm (.020")	0.56mm (.022")
28	336-728	336-828	336-928	336-228
30	336-730	336-830	336-930	336-230
32	336-732	336-832	336-932	336-232
34	336-734	336-834	336-934	336-234
36	336-736	336-836	336-936	336-236
38	336-738	336-838	336-938	336-238
40	336-740	336-840	336-940	336-240
42	336-742	336-842	336-942	336-242
44	336-744	336-844	336-944	336-244
46	336-746	336-846	336-946	336-246
48	336-748	336-848	336-948	336-248
50	336-750	336-850	336-950	336-250
Kit*	336-700	336-800	336-900	336-200

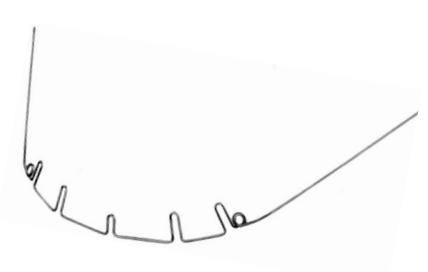
*Kits include 48 wires of assorted sizes in convenient dispenser.
Individual Sizes: Package of 2



Size is determined by millimeter measurement between mesial surfaces of wings on cuspid brackets. Choose one size smaller than measurement to prevent spacing or rotation of cuspids.

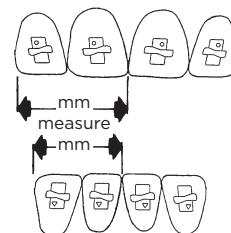
Tip-Edge Looped Archwires

- Formed from 0.41mm (.016") TP Original Premier wire.
- Used in crowded non-extraction cases.
- Archwires have five loops.
- Small midline loop provides flexibility, avoids interference with the frenum and permits additional archwire adjustment.
- Intermaxillary circles are vertically inclined for comfort.



mm	0.41mm (.016")	mm	0.41mm (.016")
10	337-510	17	337-517
11	337-511	18	337-518
12	337-512	19	337-519
13	337-513	21	337-521
14	337-514	23	337-523
15	337-515	25	337-525
16	337-516	Kit*	337-500

*Kits include 48 wires of assorted sizes in convenient dispenser.
Individual Sizes: Package of 2



Size is determined by millimeter measurement of total width of one lateral and one central incisor.

Tip-Edge® System Archwire

TP Original Preformed Archwires

- Formerly Australian Wire.
- Leveling in early stages of treatment and for overbite correction.
- Centerlines are marked (upper white, lower red).
- Adequate length to allow for retraction loops.
- Also available in 25.4 cm (10"), 30.5 cm (12") lengths or on 7.5 m (25 ft.) coils.



Wire Size	Standard Arch Form		Straight Arch Form	
	Upper	Lower	Upper	Lower
0.41mm (.016")	336-331	336-330	336-321	336-320
0.51mm (.020")	336-531	336-530	336-521	336-520
0.56mm (.022")	336-031	336-030	336-021	336-020

Package of 10

Bow-Flex Wire

- Stainless steel wire.
- Can be electropolished to an aesthetically bright, stainless color.
- Formed slowly with the beaks of a light wire plier.
- Centerlines are marked white on upper arches and red on lower arches.
- Available in coils and 12" lengths.



Wire Size	Standard Arch Form		Straight Arch Form	
	Upper	Lower	Upper	Lower
0.41mm (.016")	230-404	230-405	230-414	230-415
0.51mm (.020")	230-408	230-409	230-418	230-419

Package of 10

7.5m (25 ft.) COIL

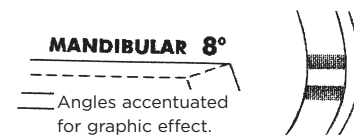
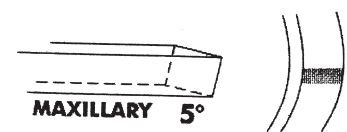
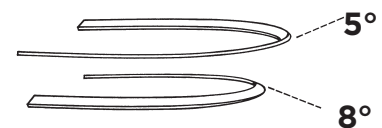
Wire Size	Order No.
0.36mm (.014")	230-510
0.41mm (.016")	230-520
0.46mm (.018")	230-530
0.51mm (.020")	230-540

Package of 1

Pretorqued Archwires

- 0.55 x 0.71mm (.0215" x .028") stainless steel.
- Maxillary 5° archwires are identified with a single etched centerline on gingival surface of no torqued side.
- Mandibular 8° wires feature double etched centerlines on occlusal surface of torqued side.
- Standard Arch shapes.
- Inverted to achieve either labial or lingual root torque.

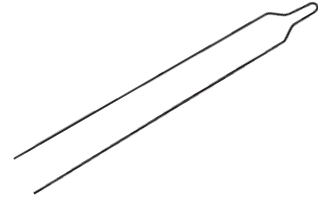
- 381-195** Maxillary 5°
 - 381-196** Mandibular 8°
- Package of 10



Ligature Wires

Preformed Ligature Ties

- Available in highly polished stainless steel or tooth-colored coated wire for use with ceramic brackets.
- Length is ample for all tying pliers.
- Preformed into precise standard shapes.



382-001 Stainless Steel 0.25mm (.010")
Package of 1,000

382-002 Tooth-Colored 0.30mm (.012")
Package of 100

Angular Twisted Ligature Ties

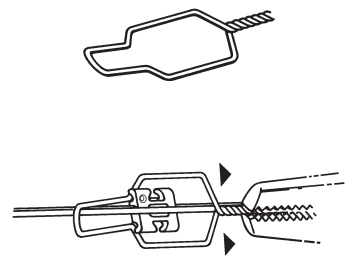
- Precise, convenient shapes with looped ends angulated for easy placement.
- Stainless steel.

281-093 Tooth-Colored 0.30mm (.012")
Package of 100

281-094 Stainless Steel 0.25mm (.010")
Package of 10

281-094C Stainless Steel 0.25mm (.010")
Package of 100

281-094D Stainless Steel 0.25mm (.010")
Package of 500

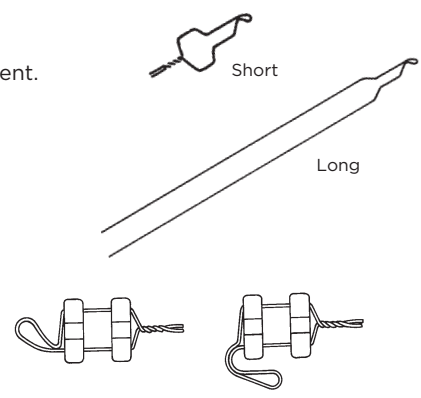


Kobayashi Ligature Ties

- Precise, convenient shapes with looped ends angulated for easy placement.
- Stainless steel or tooth-colored for use with ceramic brackets.

	0.30mm (.012")	0.36mm (.014")
Stainless Steel, Long	281-070C	281-073C
Stainless Steel, Short	281-071C	281-074C
Tooth-Colored, Short	281-072C	

Package of 100



Ligature Wire on Spools

Highly polished finish will never tarnish or corrode.

Wire Size		Order No.
0.20mm	(.008")	382-008
0.23mm	(.009")	382-009
0.25mm	(.010")	382-010
0.28mm	(.011")	382-011

0.11 kg (.25 lb.),

800-348-8856

