

**Penta-Morphic® Arches (Ricketts®)**

- Finishing arches for post-treatment provide long-term stability
- Five arch forms: normal, tapered, ovoid, narrow tapered and narrow ovoid
- Tooth size, facial type, and other morphological considerations have been built into the five forms
- Distal length for individualized bends or continuation to second molar
- Yellow Elgiloy® Penta-Morphic arches are heat-treated to maintain form and resiliency

Shape	Size (inch)	Size (mm)	Package Contains	Normal	Tapered	Ovoid	Narrow Tapered	Narrow Ovoid
Square	.016 x .016	(0.406 x 0.406)	10	E01020	E01021	E01022	E01023	E01024
	.017 x .017	(0.432 x 0.432)	10	E01070	E01071			
Rectangular	.016 x .022	(0.406 x 0.559)	10	E00551	E00552	E00553	E00554	E00555
	.017 x .025	(0.432 x 0.635)	10	E01025	E01026	E01027	E01028	E01029
	.018 x .025	(0.457 x 0.635)	10	E01030	E01031	E01032	E01033	E01034
	.019 x .025	(0.483 x 0.635)	10	E01040	E01041	E01042	E01043	E01044

**Elgiloy® Wire, 14" (35.56cm) Lengths**

Shape	Size (inch)	Size (mm)	Package Contains	Blue (Soft)	Yellow (Ductile)	Green (Semi-resilient)	Red (Resilient)
Round	.010	(0.254)	30			E00273	E00210
	.011	(0.279)	30				E00211
	.014	(0.356)	30			E00278	E00214
	.016	(0.406)	30	E00282	E00201	E00280	E00216
	.018	(0.457)	20	E00283	E00202	E00281	E00218
	.020	(0.508)	20	E00220	E00284	E00203	
	.022	(0.559)	20	E00222	E00285	E00204	
	.025	(0.635)	10	E00225	E00205		
	.028	(0.711)	10	E00228	E00206		
	.030	(0.762)	10	E00230	E00207		
	.032	(0.813)	10	E00232	E00276		
	.036	(0.914)	10	E00236	E00208		
	.038	(0.965)	10	E00221			
	.040	(1.016)	6	E00237			
	.045	(1.143)	6	E00238			
	.060	(1.524)	5	E00226			
Square	.016 x .016	(0.406 x 0.406)	10	E00304	E00300		
	.017 x .017	(0.432 x 0.432)	10	E00305	E00301		
	.019 x .019	(0.483 x 0.483)	10	E00242	E00289		
Rectangular	.016 x .018	(0.406 x 0.457)	10		E00258		
	.016 x .020	(0.406 x 0.508)	10		E00296		
	.016 x .022	(0.406 x 0.559)	10	E00306	E00302		
	.017 x .022	(0.432 x 0.559)	10	E00307	E00303		
	.017 x .025	(0.432 x 0.635)	10	E00345	E00308		
	.018 x .022	(0.457 x 0.559)	10	E00239	E00286		
	.018 x .025	(0.457 x 0.635)	10	E00245	E00293		
	.019 x .025	(0.483 x 0.635)	10		E00259		
	.019 x .026	(0.483 x 0.660)	10	E00294	E00292		
	.021 x .025	(0.533 x 0.635)	10	E00240	E00287		
	.0215 x .028	(0.546 x 0.711)	10	E00241	E00288		

### Elgiloy® Preformed Arches

- Maxillary and mandibular arches are distinguished by permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Elgiloy® arches are delivered unheat-treated, allowing complex bends and loops to be easily made. After bending, Elgiloy® arches can be heat-treated to increase their springiness

### Preformed Natural Arches

Shape	Type	Size (inch)	Size (mm)	Package Contains	Maxillary	Mandibular
Round	Green Elgiloy®	.016	(0.406)	100	<b>A07502</b>	<b>A07522</b>
	Green Elgiloy®	.018	(0.457)	100	<b>A07503</b>	<b>A07523</b>
Square	Blue Elgiloy®	.016 x .016	(0.406 x 0.406)	10	<b>A07505</b>	<b>A07525</b>
	Blue Elgiloy®	.019 x .019	(0.483 x 0.483)	10	<b>A07506</b>	<b>A07526</b>
Rectangular	Blue Elgiloy®	.016 x .022	(0.406 x 0.559)	10	<b>A07507</b>	<b>A07527</b>
	Blue Elgiloy®	.017 x .025	(0.432 x 0.635)	10	<b>A07508</b>	<b>A07528</b>
	Blue Elgiloy®	.018 x .025	(0.457 x 0.635)	10	<b>A07509</b>	<b>A07529</b>

### Preformed Ideal Arches

Shape	Type	Size (inch)	Size (mm)	Package Contains	Maxillary	Mandibular
Round	Green Elgiloy®	.016	(0.406)	100		<b>A07572</b>
	Green Elgiloy®	.018	(0.457)	100	<b>A07553</b>	<b>A07573</b>
Square	Blue Elgiloy®	.016 x .016	(0.406 x 0.406)	10	<b>A07555</b>	<b>A07575</b>
	Blue Elgiloy®	.019 x .019	(0.483 x 0.483)	10	<b>A07556</b>	
Rectangular	Blue Elgiloy®	.016 x .022	(0.406 x 0.559)	10	<b>A07557</b>	<b>A07577</b>
	Blue Elgiloy®	.017 x .025	(0.432 x 0.635)	10	<b>A07558</b>	<b>A07578</b>
	Blue Elgiloy®	.018 x .025	(0.457 x 0.635)	10		<b>A07579</b>

### Elgiloy® Arch Blanks

- Maxillary and mandibular arches are distinguished by permanent midline etchmarks: three lines for a maxillary arch, one line for a mandibular arch
- Elgiloy® arch blanks are packaged in their unheat-treated state making complex bends and loops easier. After bending Elgiloy®, arches can be heat-treated to increase their springiness
- Blue Elgiloy® arches can be welded with low heat and soldered without embrittling
- Yellow Elgiloy® arches are slightly harder than blue. Using caution, they can be spot welded and soldered without embrittling

Shape	Type	Size (inch)	Size (mm)	Package Contains	Maxillary	Mandibular
Round	Green Elgiloy®	.016	(0.406)	100	<b>A00861</b>	<b>A00866</b>
Square	Blue Elgiloy®	.016 x .016	(0.406 x 0.406)	10	<b>A00917</b>	<b>A00922</b>
	Yellow Elgiloy®	.016 x .016	(0.406 x 0.406)	10	<b>A00907</b>	<b>A00912</b>
Rectangular	Blue Elgiloy®	.016 x .022	(0.406 x 0.559)	10	<b>A00888</b>	<b>A00897</b>
	Yellow Elgiloy®	.016 x .022	(0.406 x 0.559)	10	<b>A00870</b>	<b>A00879</b>
	Blue Elgiloy®	.017 x .025	(0.432 x 0.635)	10	<b>A00890</b>	<b>A00899</b>
	Yellow Elgiloy®	.017 x .025	(0.432 x 0.635)	10	<b>A00872</b>	
	Blue Elgiloy®	.018 x .025	(0.457 x 0.635)	10	<b>A00892</b>	<b>A00901</b>
	Blue Elgiloy®	.019 x .026	(0.483 x 0.660)	10	<b>A00893</b>	<b>A00902</b>