THE COMPLETE NEUROSURGICAL RIGID FIXATION SYSTEM

**Screws**

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Standard Bone Screws</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-1S1-1635</td>
<td>Bone Screw, 1.6 x 3.5mm</td>
<td></td>
</tr>
<tr>
<td>14-1S1-1604</td>
<td>Bone Screw, 1.6 x 4mm</td>
<td></td>
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<tr>
<td>14-1S1-1605</td>
<td>Bone Screw, 1.6 x 5mm</td>
<td></td>
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<tr>
<td>14-1S1-1606</td>
<td>Bone Screw, 1.6 x 6mm</td>
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<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Emergency Bone Screws</th>
<th>Description</th>
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<tbody>
<tr>
<td>14-1S1-2005</td>
<td>Bone Screw, 2.0 x 5mm</td>
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<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Quick Tap Self-Drilling Screws</th>
<th>Description</th>
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<tbody>
<tr>
<td>14-1S3-1604</td>
<td>Quick Tap Bone Screw, 1.6 x 4mm</td>
<td></td>
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<tr>
<td>14-1S3-1605</td>
<td>Quick Tap Bone Screw, 1.6 x 5mm</td>
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**Instruments**

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<tr>
<th>Catalog #</th>
<th>Instruments</th>
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<tr>
<td>14-1T1-0100</td>
<td>Universal Driver Handle</td>
<td></td>
</tr>
<tr>
<td>14-1T1-0158</td>
<td>Universal Driver Blade – Short</td>
<td></td>
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<tr>
<td>14-1T1-0200</td>
<td>Plate and Panel Cutters</td>
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<tr>
<td>14-1T1-0223</td>
<td>Plate Holders</td>
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<tr>
<td>14-1T1-0240</td>
<td>Panel Forming Pliers</td>
<td></td>
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<tr>
<td>14-1T1-0300</td>
<td>Organizer Tray System – 3 Levels</td>
<td></td>
</tr>
</tbody>
</table>

For more information:
- Phone: (805) 384-2748
- Toll-Free: (800) 827-5775
- Fax: (805) 384-2792
- Website: www.kinamed.com

820 Flynn Road, Camarillo, CA 93012-8701

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The rotary screw organizer lid opens to the specific screw size required and prevents screw spillage. Screws are easily picked up with the NeuroPro taper fit driver and are made from high strength, strip resistant titanium alloy.

A complete selection of drill bits, including Anspach* and Midas Rex* compatibles, are available in the set. The cost and inconvenience of setting up a second drill in the OR to drill screw pilot holes when using the standard screws can be eliminated.

Both Quick Tap® self-drilling screws and standard screws are available providing surgeons with a choice of either system. Quick Tap screws utilize a sophisticated design to ensure reliability and deliver upon the potential of the self-drilling screw concept. Made from high strength titanium alloy, they are uniquely engineered to minimize insertion force and prevent stripping during insertion.

The Gap Panel in the set is used to cover gaps that arise along a repositioned or widened bone flap thereby protecting underlying structures and preventing cosmetic deformity.

All plates, including the burr hole covers, have beveled edges to reduce the possibility of soft tissue irritation or plate palpability under the scalp.

The unique three level autoclave tray contains everything needed for all neurosurgical rigid fixation procedures. A complete selection of titanium plates, panels and screws is carefully organized and labeled for maximum efficiency and ease of use in the OR (see back page for listing of implants). All necessary drill bits and instruments are also organized in the tray.

The unique NeuroPro taper fit screwdriver is engineered to easily pick up screws and reliably drive them without becoming disengaged prior to complete seating. The positive grip on the screw virtually eliminates problems of dropping, premature disengagement and stripping of the screws. (Patent pending).

An asymmetric burr hole cover design allows flexibility in positioning of the plate such that screws can be placed away from the edge of craniotomy cuts. At least two screws can always be placed in the flap — even with closely spaced cuts.

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The panel implant has a unique angled connecting bar geometry (patented) that allows for 3-D contouring to match the spherical radii on the cranium in cranioplasty reconstructions. Special instruments in the tray facilitate easy and accurate shaping of the panel.
Why Choose the NeuroPro® System?

With each component carefully engineered for flawless performance and efficient use in the OR, the NeuroPro System makes flap closure a pleasure instead of a chore. Designed specifically for neurosurgical applications, the NeuroPro System addresses all your rigid fixation requirements, including cranioplasty and skull base applications, in a single compact modular tray. This coupled with the documented performance of titanium plate and screw fixation for long-term flap stability\(^2\),\(^3\), enables you to provide the best fixation option for your patients.

**RIGID FIXATION SYSTEM**

**NeuroPro®**

- Craniotomies
- Cranioplasties
- Skull Base Surgery
- Fractures

![Image of NeuroPro System components]

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![Image of NeuroPro System components]

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![Image of NeuroPro System components]

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![Image of NeuroPro System components]

**Patented burr hole cover design with central port provides for passage of ICP monitors or other catheters. With the catheter routed through the burr hole cover it is less likely to contact sharp bone edges and may be easier to remove. The port edges are rounded to reduce the potential for damage to the catheter. A slotted version is also available.**

![Image of NeuroPro System components]

**The Gap Panel in the set is used to cover gaps that arise along a repositioned or widened bone flap thereby protecting underlying structures and preventing cosmetic deformity.**

![Image of NeuroPro System components]

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**NeuroPro**

**Superb Functionality**

**Unique Features**

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**Screws**

- **STANDARD BONE SCREWS**
  - Catalog #: 14-1P1-0211
  - 14-1P1-0612
  - 14-1P1-0810
  - 14-1P1-0812

- **EMERGENCY BONE SCREWS**
  - Catalog #: 14-1P1-0205

- **QUICK TAP® SELF-DRILLING SCREWS**
  - Catalog #: 14-1P1-0214
  - 14-1P1-0218
  - 14-1P1-0222

**Instruments**

- **PILOT HOLE DRILLS (Single-Use Only)**
  - Catalog #: 14-1P1-0312
  - 14-1P1-0612
  - 14-1P1-0810
  - 14-1P1-0812

- **INSTRUMENTS**
  - Catalog #: 14-1T1-0100 Universal Driver Handle
  - 14-1T1-0158 Universal Driver Blade – Short
  - 14-1T1-0200 Plate and Panel Cutters
  - 14-1T1-0202 Plate Holders
  - 14-1T1-0240 Panel Forming Pliers
  - 14-1T1-0300 Organizer Tray System – 3 Levels

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