**The Strongest Name In Drums. A History of Tama.**

The story of "The Strongest Name in Drums" begins in 1908 with the founding of the Hoshino company in Nagoya, Japan. The company, which first handled books and sheet music soon began importing musical instruments including drums by Slingerland and Ludwig for the Japanese market. By 1955 Hoshino began exporting its own brand of Star Drums (the name "star" in Star Drums, Artstar and Starclassic, etc. is derived from the Hoshino name which translates as "Starfield").

**A New Drum Identity.**

The Star Drum line continued until 1974 (the Star Drums that were made of clear acrylic are still sought after by Tama drum collectors). Up to this time, much of Hoshino business was also in making drums for other brands. But in 1974, Hoshino decided that they would make a better grade of drums and would no longer manufacture for other companies. To forge a new identity for these drums, the brand name was changed from Star to Tama (named after Tama Hoshino, a revered Hoshino patriarch). But the name change was the smallest part of that effort.

The real difference, the difference that brought Tama to the attention of serious drummers and changed the drum set as we know it, was Tama's hardware.

**Hardware Revolution**

Today modern locks, boomstands, cymbal mates, offset totes and multi-clamps are all standard items we now take for granted, but when Tama offered these innovations and the first double-braced heavy duty hardware in the mid-70’s, it was nothing less than revolutionary. Up to that point, drum stands were usually thin, often unstable, and definitely not designed to hold up under the new heavier drumming styles. Specialist attachments were mostly jury-rigged contraptions improvised by inventive drummers. By seeing what drummers really needed on the job, Tama’s engineers redefined drum hardware and the drum set.

Hardware innovation at Tama continues to this day with recent offerings including the Star-Cast Mounting System, Iron Cobra pedals, and the Air-Ride Snare System. But while the hardware first got drummers’ attention, it was the drums that kept that attention and created the loyal legion of Tama players.

**The Strongest Names in Drums**

Finally, there is much more to the history of Tama than a few pages can cover. But any discussion of the history of Tama has to include the artists that have been associated with the company. The artistic and technical input of legendary artists such as Simon Phillips, Kenny Aronoff, LeAyn White, Bill Bruford, Stewart Copeland and other legendary players has simply been invaluable in the creation of Tama drums and hardware. And the history of Tama continues to be written as new artists such as Tim Alexander, Rayford Griffin, Rodney Holmes, and Mike Portnoy are helping us design the instruments that will be offered now and in the future.
Starclassic Maple are the culmination of over ten years of intensive research and experimentation by Tama master builders. Their goal was to create “the ultimate drum”...drums that would surpass everything that preceded them in sound, craftsmanship, appearance and technology. That these drums are the choice of players from Simon Phillips to Mike Portnoy is testimony that Tama’s builders succeeded in their quest.

While every aspect of Starclassic drums was exhaustively examined and then refined or changed entirely, there are three important points that distinguish Starclassic from other “designer drums”: (1) the attack and wide open resonance of super-thin select shells, (2) the consistency and strength of die-cast hoops, and (3) the user friendly Star-Cast Mounting System, the most significant technological advance in suspended drum mounting to date. And there is one other aspect of Starclassic worth mentioning, their flawless Tama quality and superior craftsmanship.

Starclock maple drums are now available for custom order, with enough choices to give the discriminating drummer close to 5,000 possible ways to order a Starclassic maple drum...15 different finishes, the choice of gold or chrome shell hardware, up to four different shell depths, and for those who prefer a more mellow, muted sound, the option of Sound Focus Rings is now available worldwide.

SELECTED CANADIAN MAPLE SHELLS

The most important factor in achieving a great drum sound is, of course, the shell. Maple is the material of choice for most professional drummers due to its total warmth, superb sponginess and exceptional clarity throughout its tonal range. Starclassic’s ultra-thin shell is one of the finest examples of this great drum wood utilized to its fullest sound potential: Unlike many other thin shelled drums, Tama’s staggered seam, cross laminated shell construction makes these drums so strong that they don’t require sound reinforcement rings.

STAR-CAST MOUNTING SYSTEM

This unique system offers total tom isolation, studio quiet performance and the complete, unhindered shell resonance you get when you strike a hand held drum. Unlike other suspended mounting systems, Star-Cast doesn’t interfere with the tuning bolts. This results in faster, easier head changes and superior tuning stability and longevity.

To reduce unwanted vibration traveling through the rubber connecting bolts, the top and bottom threadods are separate.
GOLD PLATED SHELL HARDWARE
For an even more stunning visual effect, the option of gold shell hardware is now available worldwide.

*not including tuners locks, wing nuts, tension rods, spurs, or floor tom legs.

UP TO FOUR SHELL DEPTHS
Tone, response, and tuning range are significantly affected by shell depth and diameter. Deeper shells result in lower and deeper drum pitch and longer sustain. Smaller drum depths on the other hand offer quicker response due to the shorter distance between the top and bottom heads. Many experts feel that the choice of drum size is the most significant decision you will make in selecting a set. For this reason, the availability of up to four different shell depths is perhaps the most important Starclassic option.

Starclassic offers the choice of traditional sizes, X-toms, and every inch of depth in between.

MODEL NUMBERS
Starclassic drum specifications are indicated by the model number as illustrated in the following example.

[Diagram of drum specifications]
NON-LOOSENING WASHER

On Starclassic Maple Series drums, 3.5mm thick nylon washers are utilized to increase tuning stability and reduce the wear and tear caused by metal-to-metal contact.

SMC5 BFP (Brown Fade)

SMC5 CLB (Coral Reef Blue)

SMC5 RFW (Royal Walnut with Sound Focus Ring)

ABSOlUTE MINIMUM SHELL CONTACT

From the Star-Cast Mounting System to the single small lugs, every aspect of Starclassic was designed to accord with the Tama ideal of the bare minimum of shell contact. Instead of metal badges riveted to the shell, Starclassic utilizes a maple all-hue logo that is imprinted onto the shell before the final finish is applied. These features also contribute to Starclassic's rich, timeless appearance.

CLAW HOOKS

MCH-SC

The innovative design of the MCH-SC claw hooks allows the use of tension rods instead of the more awkward and heavier T-nuts, reducing the possibility of damage to the rods and eliminating unwanted sideway pressure. A rubber stopper ensures that tension rod, claw hook and washer won't become separated. No more floor searches for scattered parts!

DIE-CAST HOOPS

The resonant highs and crisp attack of die-cast hoops combine with the Star-cast Mounting System and the low overtone capability of Starclassic's thin shells for incomparable dynamic range, tone and balance.

SPUR BRACKET

MSB30L/MSB30L

Tama's MSB10 die-cast bracket holds the spur securely thanks to the same powerful hinge mechanism used on the MTB80 mounting bracket. Unique memory markers found on the folding spur bracket help simplify set up.
STARCLASSIC PERFORMER...

1997 debuts the new upgraded Starclassic Performer Series which now features shells of Japanese basswood with inner and outer plies of birch. The Japanese basswood used in the Performer Series is a variety indigenous to the Hidaoka district of Hokkaido, the northernmost of the three main islands of Japan. It has a sound completely different from maple or birch—very loud, open and powerful (but not overwhelming). Japanese basswood's natural power is also very well balanced thanks to a clear sustain and mellow attack.

Performer bass drums are now fitted with wood hoops to complement their already exceptional appearance. Seven different impeccable finishes are available.

SHELL
Japanese basswood with a birch inner and outer ply.
TOM AND FLOOR TOM: 8 ply/6mm thickness.
BASS DRUM: 9 ply/7mm thickness.
SNARE DRUM: 8 ply/6mm thickness.

STAR-CAST MOUNTING SYSTEM
US PAT. 5,643,789 (Licensed under Percussion Patent)
All Performer toms are fitted with the same Star-Cast Mounting System found on the Starclassic Maple Series. The Star-Cast Mounting System with its die-cast zinc hoops augments the exceptional power of the Performer basswood shells.
SNARE DRUM
SW555 (5-1/2"x14")
This mellow sounding snare features the same 8 ply, 6mm Japanese Basswood shell with birch inner and outer plies as the Performer sets.

WOOD HOOP & CLAW HOOKS
For 1997, Performer bass drums now feature wood hoops fitted with the innovative MCH-9C clawhooks whose recessed design reduces the possibility of damage to the tuning bolts.

SPUR BRACKET
MSB30L, MSB30R
Tama's MSB30 die-cast bracket holds the spur securely thanks to the same powerful hinge mechanism used on the MTB30 mounting bracket. Unique memory markers found on the folding spur bracket help simplify set up.

BASS DRUM HEADS
Performers bass drums are fitted with the Evans EQ Series head (E01) on the bottom side, and the Tama Original black logo head on the front. Both are fitted with C-rings for muting so you can get a great sound practically right out of the box.
Since 1985, Artstar drums have been and continue to be the choice of the hard rock elite. Although made of the same material with the same strong cross laminated, staggered seam construction of Starclassic drums, Artstar Custom was designed for those pro drummers who prefer a more cutting, "harder edged" sound of a thicker maple shell. Consequently, Artstar Custom drums are 2 mm thicker than their Starclassic Maple counterparts (7 mm vs. 5 mm in the toms).

As befits these superbly crafted drums, Artstar Custom toms and floor toms come standard with all die-cast hoops.

**SHELL**
9 Ply Select Canadian Maple Shells
Thickness: tom toms/floor toms - 7 mm, bass drum - 9 mm.

**SOUND EDGE**
Artstar sound edges are precision machined to a 90-degree angle. Less wood touching the drumhead (2-3 sound-edge bevel ratio) contributes to Artstar's exceptional resonance.

**TOM BRACKET**
The MTR35's superstrong hinge system clamps much more securely than a standard thumb screw. The bracket and memory lock are designed to fit together for greater strength and an exceptionally streamlined appearance.

**AMC1 TSV (Titanium Silver)**
- A1020: 14"x5" bass drum
- A1018: 14"x6.5" floor tom
- A1022: 12"x8" tom
- A1030: 16"x16" floor tom
- A1024: 10"x10" floor tom
- A1026: 13"x13" floor tom
- M1020: Double tom holder
- M1010: Snare drum stand
- A1006: Bass drum stand
- M1030: Snare drum stand
- M1040: Telescoping bass drum stand
- M1050: Pedal stand
- M1051: Telescoping snares stand

**MC160C**
Artstar Custom bass drums use the same die-cast, claw/tension bolt system as Starclassic, but feature their own signature Artstar shape.

**DIE-CAST HOOPS**
The high end clarity of die-cast hoops combine with Artstar's 7mm maple shells for a sound that can cut through walls of amplified sound while maintaining the sensitivity needed for professional recording.
**LUGS**
The shape of the Artstar lag is bold and sleek, modern and classic. Its angular exterior is complemented by a gently curved back that conforms precisely to the drum shell. To ensure noise-free operation a nylon stopper is inserted under each lug.

**BASS DRUM SPUR BRACKET**
MSB30L
The MSB30L spur bracket used on Artstar and Starclassic can be used on any size bass drum from 18" to 24" Memory markers on the folding spur bracket provide fast and easy set up.

**BASS MOUNT**
Artstar Custom bass drums can be ordered either with or without the MBM-SC bass mount.
ARTSTAR ES ....

The fourth generation of the Artstar line, Artstar Esprit was created to offer many of Artstar's signature looks and performance advantages to a wider number of players.

Artstar Esprit also has great characteristic features all its own: shells of Philippine mahogany with a birch inner ply, 3.3mm steel mighty hoops on the toms and the hi-tech Acou-tam drum hoops.

**SHELL**
Philippine mahogany shells with birch inner ply 3.3mm thickness. Artstar ES shells provide a tight, focused sound with good attack.

**COVERING SHEET**
Artstar ES finishes are totally glued over the surface of the shell. This important construction feature reduces unwanted vibration in the shells while increasing durability and moisture resistance.

**STEEL MIGHTY HOOP**
Compare the superior durability and response of Artstar ES 3.3mm thick Steel Mighty Hoops to the 1.6mm thick hoops found on other drums in this price range.

**SNARE DRUM**
The AE265 offers the exceptionally bright, powerful highs and strong initial attack of a brass shell.

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>14 x 24</th>
<th>14 x 12</th>
<th>12 x 14</th>
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</table>

**ADDED ACCESSORIES**

- Double Tom Holder
- Bass Drum Pedal
- Snare Drums
- Tom Tom Pedals
- Floor Tom Pedals
- Snare Drum Pedals
- Bass Drum Pedals

**HARDWARE KIT**

- AE265H
- AE265H24
- AE265H240

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**COLORS**

- Bright Red
- Black
- Ocean Blue
- Rock Chrome
- Snow White

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**CONTACT**

TAMA Drums

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>HSDR</th>
<th>HSDT</th>
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<tr>
<td>AE265XH240</td>
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</tbody>
</table>

**ACCESSORY SHELF**

- Snare Drum Holder
- Tom Tom Holder
- Bass Drum Pedal
- Floor Tom Pedals
- Snare Drum Pedals
- Bass Drum Pedals

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**ADDITIONAL FEATURES**

- Brass Hardware Kit
- Hessel Hardware Kit
- E-Z Holders
- Snare Drum Pedals
- Bass Drum Pedals

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**ACCESSORY SHELF**

- Snare Drum Holder
- Tom Tom Holder
- Bass Drum Pedal
- Floor Tom Pedals
- Snare Drum Pedals
- Bass Drum Pedals

---

**COLORS**

- Bright Red
- Black
- Ocean Blue
- Rock Chrome
- Snow White

---

**CONTACT**

TAMA Drums

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</table>
TOM BRACKET & FLOOR TOM SPUR BRACKET
MTB30
Arstar ES drums feature the same MTB30 brackets used on Arstar Custom. Includes matching memory lock for easy set up and streamlined appearance.

BASS DRUM SPUR BRACKET
NSR25
Simple but strong. Spurs can be pulled out and inserted in the side for storage and transport.

BASS DRUM HEADS
Arstar ES bass drums are fitted with the Evans EQ Series head (EQ1) on the batter side, and the Tama Original black logo head on the front. Both heads are fitted with G-Drums for mashing.

ACCU-TUNE HOOP
Accu-tune hoops made of Glass Fiber Reinforced Plastic (GFRP) provide greater durability and easier tuning. These strong hi-tech hoops use tension bolts instead of clawhooks.

AFC0200XF BWW (Snow White)

AFC0200XF JBK (Jet Black)

AFO252X OBL (Ocean Blue)
The Star-Cast mounting system was designed to provide the same kind of solid ton isolation, natural feel and unrestrained vibrations that you experience with a hand drum. To reduce unwanted vibrations traveling through the bolts that secure the rim to the bracket, each bolt is encased in hard rubber and the top and bottom threaded holes are not countersunk. This eliminates any metal-to-metal contact.

The bottom line is that every part of the Star-Cast system was designed to provide unparalleled ton isolation, complete shell resonance and maximum performance. And while the Star-Cast system was designed for the superthin shells of Starclassic, it can also significantly improve the resonance of other drums as well.

**UNIVERSAL STAR-CAST MOUNTING SYSTEM**

The Star-Cast mounting system is now available with multiple hole placements so it can be used with the mounting brackets of almost any other brand of drums.

**STARCASCADE AIR RIDE SNAKE MOUNTING SYSTEM**

Consisting of the HLRK stand, Star-Cast butterfly-side die-cast hoops, and the Star-Cast bracket arm, these kits can add the AIR RIDE advantage to almost any snare drum. Consult your authorized Tama dealer to ensure compatibility.

**STARCASCADE AIR RIDE SNAKE MOUNTING SYSTEM**

<table>
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<tr>
<th>Air Ride Snares</th>
<th>Mounting System</th>
<th>Inch</th>
<th>Height</th>
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<tbody>
<tr>
<td>For 12&quot; Snare Drum</td>
<td>MCR12-AF</td>
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<td>3/4&quot;</td>
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<tr>
<td>For 14&quot; Snare Drum</td>
<td>MCR14-AF</td>
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<td>3/4&quot;</td>
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<td>For 16&quot; Snare Drum</td>
<td>MCR16-AF</td>
<td>5&quot;</td>
<td>3/4&quot;</td>
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</table>

Some stands and other drums are not included.

**STARCASCADE AIR RIDE SNAKE DRUM AND AIR RIDE SYSTEM COMPLETE KIT**

The addition of the AIR RIDE to the already super resonant Starclassic snare drum results in a drum of astonishing sensitivity and resonance.

**STARCASCADE AIR-RAIDE SNAKE DRUM KIT**

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Air Ride Snare Drum</th>
<th>Rim Size</th>
<th>Model</th>
<th>Color</th>
<th>Parts</th>
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</thead>
<tbody>
<tr>
<td>5&quot;-1/2&quot;</td>
<td>51D001-AF</td>
<td>6 1/2&quot;</td>
<td>SW1000</td>
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<td>6&quot;</td>
<td>51D001-AF</td>
<td>7&quot;</td>
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<td>8&quot;</td>
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</table>

**DIE-CAST HOOPS**

Die-Cast hoops offer a tighter and more powerful tone as well as durability, consistency and easier tuning.

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Hoop Material</th>
<th>Rim Size</th>
<th>Model</th>
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<td>16&quot;</td>
<td>MCH169-AF</td>
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</table>
**STARCLASSIC SERIES**

With a minimum of shell/hardware contact and the warmth and clarity of thin 2mm maple shells, these 8 lugs per side Starclassic snare beautifully recreate the sound of the good old days.

**OPTIMAL ORDER**

Starclassic snare drums are available with gold shell hardware by custom order.

Starclassic snare drums can also be ordered with the A-ride Snare Mounting System.

*To order Starclassic Snare Drums gold parts, simply add the letter “G” to the end of the drum model number (i.e. SMD1445G). To add the Air Ride Boom (including the mounting kit) and hardware, add the term “AIR” to SMD1445G (Please see page 21). Gold hardware option on snare drums does not include tension rods.

**DIE-CAST HOOPS**

Die-cast hoops have long been the preferred choice on professional snare drums because of their strength, consistency and ease of tuning as well as helping snare drums provide clear high and explosive, penetrating ring shots.

**STARCLASSIC QUILTED MAPLE SHELLS**

5-1/2” x 14” and 6-1/2” x 14” Starclassic snare drums are also available with outer plies of exceedingly beautiful quilted maple in three different colors: Charcoal Quilted, Natural Quilted and Cranberry Quilted.

**PREMIUM MAPLE SHELLS**

**SFR (Sound Focus Ring)**

Starclassic snare drums now come standard with Sound Focus Rings for a tighter, more focused sound.

**ARTWOOD SERIES**

The rosewood clarion, warmth and cutting edge of the Artstar 9-ply 7mm maple shell combined with the classic Artwood snare drum format.

**STEEL MIGHTY HOOPS**

The low profile of a triple flanged hoop with the strength and resonance of 2mm steel.

**BIRCH**

Built in the tradition of Tama’s famous Superstar drums, Artstar birch shell snare drums offer a harder, quicker attack and greater low-end response than maple snare drums.

<table>
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<tr>
<th>Artwood Maple Snare Drums (7mm thickness Maple shell)</th>
<th>SHELL MATERIAL</th>
<th>SIZE</th>
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<th>STANDARDS/BOLT</th>
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<td>SMD1445F</td>
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<td>SMD1450G</td>
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<td>5-1/2” x 14”</td>
<td>SMD1445F</td>
<td>Steel Mighty</td>
<td>8 holes</td>
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<td></td>
<td>6-1/2” x 14”</td>
<td>SMD1445F</td>
<td>Steel Mighty</td>
<td>8 holes</td>
<td>M16G</td>
<td>SMD1450G</td>
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<tr>
<td></td>
<td>5-1/2” x 14”</td>
<td>SMD1445F</td>
<td>Steel Mighty</td>
<td>8 holes</td>
<td>M16G</td>
<td>SMD1450G</td>
</tr>
<tr>
<td></td>
<td>6-1/2” x 14”</td>
<td>SMD1445F</td>
<td>Steel Mighty</td>
<td>8 holes</td>
<td>M16G</td>
<td>SMD1450G</td>
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**Artwood Birch Snare Drums (7mm thickness Birch shell)**

<table>
<thead>
<tr>
<th>Artwood Birch Snare Drums (7mm thickness Birch shell)</th>
<th>SHELL MATERIAL</th>
<th>SIZE</th>
<th>MODEL NO.</th>
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<th>STANDARDS/BOLT</th>
<th>SNAPPY</th>
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<tbody>
<tr>
<td>Premium Birch Shell</td>
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<td>AB2050</td>
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<td>AB2050G</td>
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<tr>
<td></td>
<td>6-1/2” x 14”</td>
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<td>Steel Mighty</td>
<td>8 holes</td>
<td>M16G</td>
<td>AB2050G</td>
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</table>

| Color: HMC (Honey Gold) | AB2050G | AB2050 | AB2050 | AB2050 | AB2050 | AB2050 | AB2050 |
| Color: CHQ (Charcoal Quilted) | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 |
| Color: NQY (Natural Quilted) | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 |
| Color: DBP (Foxy Maple) | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 |
| Color: NRB (Natural Red) | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 | SMD1450 |
**BELL BRASS HOOPS**
Bell brass is an 8:2 ratio alloy of tin and beryllium and is used to craft cymbals. Due to its exceptional rigidity and ability to provide explosive, penetrating rim shots, it's also an excellent hoop material.

**BELL BRASS**
Yes, you could buy an entire drum set for the price of one of these beauties. But no other snare drums will put the sheer, undistillable power of bell brass at your command. Bell brass snare drums can cut through walls of amplified sound with ease, yet are also capable of astounding warmth and sensitivity.

**Power Metal Bell Brass Snare Drums**

<table>
<thead>
<tr>
<th>Shell Material</th>
<th>Size</th>
<th>Model No.</th>
<th>Hoops</th>
<th>Lug</th>
<th>Division/Buff</th>
<th>Snappy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bell brass</td>
<td>5-1/2&quot; x 14&quot;</td>
<td>NPB-07</td>
<td>Bell brass</td>
<td>ML-35</td>
<td>MSP283/MM322</td>
<td>MZ-200D/215</td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>NPB-08</td>
<td>Bell brass</td>
<td>ML-35</td>
<td>MCC504/MM322</td>
<td>MZ-200D/215</td>
</tr>
</tbody>
</table>

**BRASS MIGHTY HOOPS**
Provide stronger highs, great looks, and penetrating rim shots.

<table>
<thead>
<tr>
<th>Shell Material</th>
<th>Size</th>
<th>Model No.</th>
<th>Hoops</th>
<th>Lug</th>
<th>Division/Buff</th>
<th>Snappy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brass mighty</td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205V</td>
<td>Brass mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205M</td>
<td>Brass mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205P</td>
<td>Brass mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
</tbody>
</table>

**BRONZE**
The sound character of bronze is bright like other metal snares, but with a blend of the warmth of wood snares. The addition of Brass Mighty hoops augments the tonal clarity of these great sounding drums.

**Power Metal Bronze Snare Drums**

<table>
<thead>
<tr>
<th>Shell Material</th>
<th>Size</th>
<th>Model No.</th>
<th>Hoops</th>
<th>Lug</th>
<th>Division/Buff</th>
<th>Snappy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronze</td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205</td>
<td>Bronze</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205M</td>
<td>Bronze</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205P</td>
<td>Bronze</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
</tbody>
</table>

**STEEL MIGHTY HOOPS**
A 2.3mm thick triple flanged hoop with the potential attack and resonance of steel.

<table>
<thead>
<tr>
<th>Shell Material</th>
<th>Size</th>
<th>Model No.</th>
<th>Hoops</th>
<th>Lug</th>
<th>Division/Buff</th>
<th>Snappy</th>
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</thead>
<tbody>
<tr>
<td>Steel mighty</td>
<td>5-1/2&quot; x 14&quot;</td>
<td>NPB120</td>
<td>Steel mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
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<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>NPB120M</td>
<td>Steel mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>NPB120P</td>
<td>Steel mighty</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
</tbody>
</table>

**STAINLESS STEEL**
Stainless steel shells provide sharp, powerful sound with a strong attack.

**Power Metal Stainless Steel Snare Drums**

<table>
<thead>
<tr>
<th>Shell Material</th>
<th>Size</th>
<th>Model No.</th>
<th>Hoops</th>
<th>Lug</th>
<th>Division/Buff</th>
<th>Snappy</th>
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</thead>
<tbody>
<tr>
<td>Stainless steel</td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205</td>
<td>Stainless steel</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205M</td>
<td>Stainless steel</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-1/2&quot; x 14&quot;</td>
<td>PNS205P</td>
<td>Stainless steel</td>
<td>ML-35</td>
<td>MZ-200D/215</td>
<td></td>
</tr>
</tbody>
</table>

**SNARE ACCESSORIES**

**SNARE LUGS**
New design snare lugs combine the minimum shell contact needed for full snare sound and maximum durability needed for the extreme tension exerted by snare tension bolts.

**EXTERNAL MUFFLER**
6553
Roton side muffler allows the shell to vibrate freely while still offering fully adjustable muffling.

**DRUM KEY**
6560

**SNAPPY SNARES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Snappy Snares</td>
<td>Provide a powerful snare drum sound with the right amount of attack.</td>
</tr>
<tr>
<td>Steel Sensitive Snappy Snares</td>
<td>Thicker coils than standard snappy snares for quicker response.</td>
</tr>
<tr>
<td>Starclassic Snappy Snares</td>
<td>Coils are slightly wider, thinner and longer than standard snappy snares for a warmer drum sound.</td>
</tr>
</tbody>
</table>

**SNAPPY STRAPS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MST-22</td>
<td>Made of a special textile woven in a pattern of diagonal lines so it's extremely resistant to wrinkling.</td>
</tr>
<tr>
<td>SPC-40D</td>
<td>Many drummers still prefer stringing to straps for easier centering. Tama's various features are made of ultra-resistant Kevlar.</td>
</tr>
<tr>
<td>SPT-20</td>
<td>Tama's standard plastic strap is extremely resistant to stretching or breaking.</td>
</tr>
</tbody>
</table>

**NON-LOOSENING WASHER**
M-360
3mm thickness nylon washers increase tuning stability and decrease noise.

**POWER ACTION STRAINER**
6392-6393
The standard of the industry. Securely secures the snare, and can't be accidentally thrown off.

**CAM LEVER STRAINER**
MC50A/5C50B
Use for musicalers, tension and tension adjustments are possible while snare is in contact with the head. Restores snare alignment back.

**CAM LEVER PICCOLO STRAINER**
MP209/MC50B
New design for piccolo snares, maximum rigidity and adjustability.
TYMP-TOM STARCLASSIC MAPLE

Single headed and half the depth of a double-headed drum, Tama's new Maple series features a sound different than a concert tom and tighter and richer than a double-headed drum. Tama's Tymp-Tom utilizes a 4-ply, 3mm hardwood Maple series shell fitted with the Star-Cast Mounting System for resonant performance.

TAMA ORIGINAL PERCUSSION

Tama's original design percussion instruments embody the creativity of the musicians who inspired them.

OCTOBANS

One of Tama's first original instruments—made famous by drummers such as Tim Alexander, Octobans are available in low and high pitch models of 8-inch increments of lengths which can be tuned melodically.

GONG BASS

The Gong Bass drum features a single sided 20" bass drum fitted with a 22" head and rim. Sensitive yet resonant, and with excellent response, the Gong Bass drum offers a completely different sound than a bass drum or floor tom. The innovative HC60000 heavy duty stand is available separately for easy setup positioning.

TAMA BLACK COWBELLS

By using the tight thickness of steel, Tama has created four cowbells with contrasting power and projection.

STANDARD HT30

For drummers who want 1st Chair's superior cowbells but with a heat resistant cowbell holder and padding.

STAGEMASTER HT541

Tama's popular and affordable double braced throne with a 13-inch diameter round seat.

FOOT-LIFT

A problem with any drum stand (not just thrones) is that the standard fixed, metal support is usually not made for the musician's leg length. The Tama Foot-Lift provides the option to adjust the height of the throne seat so that it's at the same level as the floor. A simple lift with the Foot-Lift allows the musician to adjust the chair to the perfect height for maximum comfort and playing efficiency.

BREATH CONTROL

This specially designed plastic holder attaches at the front of the throne and prevents inadvertent side-to-side motion under the stool.

WIDE RIDER HT510

The HT510 Wide Rider features the same shape as Tama's popular W44000 series single braced throne. The HT510 is even more comfortable than other single braced thrones ever before. The HT510 is a true freestanding throne which will hold the musician's weight no matter how long the session is.

Available height range from the top of the seat to the floor: 44mm - 630mm (17.2" - 24.8")

ROUND RIDER HT410

The traditional throne seat shape, in an unusually large size. The Round Rider's 13.5-inch diameter. When the backrest seat is filled with comfortable yet firm contour foam padding.

Available height range from the top of the seat to the floor: 44mm - 630mm (1.7" - 24.8")

THE ULTIMATE IN HEIGHT ADJUSTMENT

pat. pend.

The best throne today offers two ways of adjusting height: the threaded rod system (shown on our wood model), and the fixed height rod and clamping system. Both have advantages and disadvantages.

Adjusting the seat on the threaded rod system allows you to get each height exactly, but makes height adjustments too time consuming. Major adjustments are made with the ball nut system—and getting just right height is often required a lot of fiddling and rework.

This clamping system offers the best of both worlds. The base sections feature a knob with a system allowing for fine height adjustments. However, the rod and key lock collar assembly are threaded for fine height adjustments. After you get the basic height, turn the knob, you can move the Wood-Lock direction to the base. Now the 1st Chair works as a threaded rod throne so you can get exact height, but with none of the problems of a threaded rod throne.

The First Choice in Thrones for the First Chair Player.
The Iron Cobra is the fastest, most adjustable, most durable pedal ever made. Not to mention the only truly "upgradable" pedal.

All of that's important. But when you get right down to it, it's how a pedal feels that really makes the difference. This catalogue will show you the features that make the Iron Cobra the most adjustable, most versatile, most upgradeable, etc., etc. But to really understand what the Iron Cobra can do for your playing, you have to down and experience it first hand. Once you actually play it, you'll understand why drummers the world over agree...the feel is unreal!!

The IRON COBRA...
Precision, Power, Speed, Durability

Power Glide (pat. pending) HP90P-S
The heart of the HP90P is the Power Glide cam. Not an ordinary scoop at 90°, the Power Glide is shaped so that its radius actually becomes smaller as the beater nears the bass drum head. This is what gives the HP90P its accelerated response. A double chain provides superb durability and prevents side-to-side chain motion.

HP90P
With its multi-quiet, supercharged response, the HP90P is the most popular of the Iron Cobra models. The HP90P comes completely equipped with all the Iron Cobra professional features: Vari-Pitch, Speedo Ring, Spring Tight, Cobra Stabilizing Plate, Toe Stop and Beater Balance. Because it has a very different feel from ordinary pedals, the HP90P may take a small adjustment period for some players. But the improvement in playing and response that the HP90P provides will repay this minor investment in time for years to come.

IRON COBRA POWER GLIDE PEDAL

Speedo Ring HP90P-6 US P14, No. 25504
Aside from enhanced look-and-feel positioning, the Speedo Ring also contributes to the Iron Cobra's overall speed and smoothness by incorporating a roller mounted spring post. This prevents any spring feeling that may occur during normal playing.

Spring Tight HP90P-7 US P14, No. 25602
The Spring Tight is a special diameter shaped locking nut that eliminates tension loss caused by spring slippage during normal playing. Simple but effective.

Beater Balance BC7
The Iron Cobra's beater balance control permits precise achieve radical changes to feel, without taking the pedal apart. Great for players who like different responses for recording and performing situations.

Cobra Beater Heads US P14, No. 5777485
While conventional beaters only strike a small, pin-pointed area, the Iron Cobra's adjustable beater angle simulator reduces this effect by shifting the balance area.

Footboard Adjustment
The Speedo Ring provides unlimited footboard angle adjustment possibilities.

IRON COBRA ROLLING GLIDE PEDAL

HP80P
The HP80P offers the same combination of professional features found in the HP90P with one significant difference: the familiar, uniform response of the HP80P's Rolling Glide cam. The HP80P is described from Tama's famous Camco Chain pedal so it's perfect for players who enjoy the response found in a traditional micro-driven pedal, but aspire to a new level in speed and sensitivity.

Rolling Glide HP80P-5
The redesigned Rolling Glide cam features an open chamber with less tracking teeth. The result is Iron metal-to-metal contact for extra-smooth operation. The placement of track guides on both sides of the cam ensures that the Rolling Glide chain remains centered during even the most demanding performances.

Para Clamp HP90P-3
Keeps the Iron Cobra flat on the ground no matter how your bass drum is angled. A removable hard plastic grip prevents damage to the bass drum hoop.

Tight Lock TLK5
Eliminates the possibility of the beater shaft loosening from the beater holder. A special locking nut secures the set screw.

Toe Stopper HP90P-81
So simple...yet some players have actually called the Toe Stopper their favorite Iron Cobra feature. Almost mandatory for players doing extended double and triple bass drum patterns.

Vari-Pitch Beater Holder HP90P-4 US P14, No. 327547
The Iron Cobra's Vari-Pitch feature allows you to make beater arm angle adjustments completely independent of adjustments to the footboard. The adjustment is made by loosening a small set screw on the underside of the Vari-Pitch beater holder.

Cobra Stabilizing Plate HP90P-92
The Cobra Stabilizing Plate helps reduce noise and eliminates pedal "creep." A plus for any drummer, but a must for the heavy duty player.  

Hammer Holder HH15
Minesure the Drum Hammer is always easily accessible for fast adjustments.
**Power Glide**
A double chain provides superb durability and prevents side-to-side chain rotation.

**HP90TW**
The HP90TW Power Glide cam is shaped so that its radius becomes shorter as the beater nears the bass drum head. This provides added acceleration and power as the pedal reaches the end of its stroke.

**Adjustable Beaters**
Until now, one of the most annoying drawbacks of twin pedals was that adjusting one beater always affected the other. Not so with the Iron Cobra. The Iron Cobra Vari-Flip beater holder allows both beater angles to be adjusted independently. Another major advance in double pedal technology.

Because twin pedals allow drummers to expand the range of their playing abilities without expanding the size of their set-up, the number of players using twin pedals has increased dramatically. Another reason is the improvement in twin pedal design and response made over the last few years. As Iron Cobra twin pedals offer the same great feel, speed, and unlimited adjustability of their single counterparts, they represent the highest point in the evolution of the twin pedal.

**HP80TW**
The HP80TW utilizes the HP80 Rolling Glide cam for smooth, uniform response.

**HP80TWL**
The left-handed version of the HP80TW Rolling Glide Twin Pedal.

**Camco Drum Pedals**
It is amazing. After more than 20 years, the Camco Chain Pedal remains one of the most in-demand pedals by pro players. Other than the sprocket material being switched to cast aluminum for increased accuracy, the HP20's basic construction hasn't changed. And although the incredible response, feel and speed haven't changed either, the Camco pedal's continued popularity isn't so amazing either.

**HP20 Series**

- **HP20**
- **HP20TW**
- **HP35**
- **HP35TW**
- **HP80D**
- **HP80TW**

**The Secret of the Cobra... Why the Feel is Unreal**

Nearly every pedal made uses roller bearings for smooth operation. However, these pedals also use locking nuts on both ends of the axle to keep it from coming loose. Unfortunately, these locking nuts apply pressure to the sidewalls of the roller bearing. This acts like a "brake" on the bearings.

Iron Cobra pedals use a completely different system. Instead of pressure being exerted directly on the bearing wall, concentric collar locks support the inner and outer races of the roller bearing. This means that no pressure is being applied to the sidewall or roller portions of the bearing. This results in an almost "frictionless" instrument.

It's a small but real difference that makes the Iron Cobra feel unreal.

**Rolling Glide**
The HP80 Rolling Glide allows the HP80D to be easily upgraded to professional levels with Iron Cobra's available professional parts pictured on the following page.
IRON COBRA UPGRADE PARTS

Because Iron Cobra bass drum pedals are fully upgradable. Deluxe (D) Iron Cobra pedals are easily transformed into Professional (P) models. Players can simply add any or all of the professional features: Varil-Pitch, Speedo Ring, Spring Tight, Toe Stop.

All Iron Cobra pedals are also convertible: Iron Cobra Rolling Glide and Power Glide some are completely interchangeable, so while your entire playing style may change, your entire pedal doesn't—just the components.

- Tight Lock
- Hammer Holder
- Para Clamp
- Speedo Ring
- Twin Pedal Attachment
- Tuning Oil
- Drum Hammer
- Beater Balancer
- Beater Heads
- Beaters

The NEW STANDARD IN STRENGTH

The NEW TITAN line is Tama's newest series of innovative drum hardware. NEW TITAN features the same double-braced strength of the original Titan as well as some new features all its own such as convertible boom stands and the Security Hi-hat clutch.

- BOOM CYMBAL STAND with Counter Weight: HC34BR
- STRAIGHT CYMBAL STAND: HC32BR
- DOUBLE TOM STAND: HTW990
- COMBINATION STAND: HTC37B
- SNAKE STAND: IS900ST

A significant NEW TITAN series innovation are the special threaded steel inserts for the T-jack adjustment sections. This feature provides more secure tightening and greater stand longevity.
**Cymbal Stands**

**Stilt Cymbal Stand**

US Patent: 4,812,654

The Stilt Cymbal Stand features a unique design that allows the cymbals to be angled towards the player for easy set-up and removal. It features a rugged, foldable base that can be adjusted to various angles. The stand is lightweight and durable, making it ideal for both professional and amateur musicians.

**Titan Cymbal Stand**

In 1989, Tomahawk introduced the Titan Cymbal Stand, which revolutionized the way cymbals were attached to stands. The Titan is a lightweight, yet durable cymbal stand that can be easily adjusted for height and angle. It features a unique design that allows for quick and easy cymbal changes.

**Hi-Hat Stands**

**5-Way Spring Adjustment**

This feature allows for precise control of the hi-hat's movement, allowing the player to easily adjust the tension and feel of the hi-hat to their liking.

**Tilt System**

This feature allows the hi-hat to be tilted at various angles, providing the player with different playing options and a more personalized experience.

**Safety Seat**

The safety seat is an additional feature that provides extra stability and safety while playing the hi-hat.

**Hi-Hat Attachment**

The hi-hat attachment is designed to provide maximum stability and durability, ensuring that the hi-hat remains in place during performance.

**Security Clutch**

This feature ensures that the hi-hat remains secure and stable during use, providing peace of mind for the player.

**Cable Hat Holder**

Cable Hat Holder is an additional accessory that allows the player to easily attach and detach cables from the hi-hat, ensuring a smooth and seamless performance.
TOM HOLDERS & TOM STANDS

Since 1974, Tama's L-Rod system has been the cornerstone of the Tama idea of a freely vibrating drum without shell-penetrating hardware. So effective is this feature that it is still used on all Tama tom holders and tom stands 27 years later. The combination of Tama's heavy-duty L-Rod with our own Omniball system provides total tom positioning flexibility, full drum shell vibration, and rock solid stability.

HT9999 TITAN STILT
Heavy duty stand features MT9999 holder and Silt tilting system.

HT9998R NEW TITAN
Heavy duty stand with MT9998 and standard base.

SINGLE TOM STANDS

HT9990 TITAN STILT
Heavy duty stand with MT9990 holder and single tom holder.

HT9990R NEW TITAN
Heavy duty stand with MT9990 and standard base.

HT9990A TITAN STILT
This stand may be used as a single tom holder or a cylindrical tom support devices. Single tom stand may be independently and easily adjusted. Very simple, but very strong.

HT9990A+ MC6
The tower part of the MT9990A (20-inch pipe) can be used as a single tom holder when clipped by a MC6 or MC7.

MEMORY LOCKS
The use of memory locks to recall stand heights reduces set-up time.

ML19
ML20
ML25T
ML25T-2
ML105
MTB02-2
ML105-2
ML105-3

MEMORY LOCKS
Key locks "memorize" their adjustments for reduced set-up time and extra mobility.

ML222 ML234 ML28 ML28
ML322 ML34 ML28 ML28
22.2 mm diameter 25.4 mm diameter 25.4 mm diameter 25.4 mm diameter

CYMBAL MATE & WASHERS

ML234 ML234 ML28 ML28
ML222 ML234 ML28 ML28
22.2 mm diameter 25.4 mm diameter 25.4 mm diameter 25.4 mm diameter

MC6 MC6 MC6 MC6
MC6 MC6 MC6 MC6
MC6 MC6 MC6 MC6

MULTI CLAMPS

MC6 MC6 MC6 MC6
MC6 MC6 MC6 MC6
MC6 MC6 MC6 MC6

SNARE STANDS

SNARE STANDS

Hardware Accessories

Hardware Accessories

Hardware Accessories

Hardware Accessories

Hardware Accessories

Hardware Accessories

Hardware Accessories

Hardware Accessories
POWER TOWER SYSTEMS

Rack systems offer an almost unlimited variety of angles and set-ups, much more so than standard tripod based hardware. And Power Tower, with its round tubing, provides the ultimate in rack flexibility. Tama offers two great choices: the ergonomically curved PMD900S and the very affordable PMD300FC.

TENSION WATCH TW100

Spend More Time Playing And Less Time Tuning

The Tension Watch is a highly sensitive tension meter designed to check and maintain your drum tuning. Up till now other head tuning devices measured the torque of the tension rods—now a completely reliable method of measuring drum tuning. But the TW100 measures actual head tension so quick and precise tuning is now possible. Once you have achieved a good drum sound, you can record the numbers from the drum and duplicate them again and again. Tension Watch lets you spend more time playing and less time tuning.

The Tension Watch is Easy To Use:
1. To calibrate, place the Tension Watch on a hard surface such as a mirror and set the dial to zero.
2. Place the drum on a level surface and tighten the tension bolts to the approximate desired sound.
3. Correctly place the Tension Watch on the head about 1-2 inches away from the tension bolt. The value on the meter now shows the tension on the head.
4. Twist the other bolt to the same value.
5. Once you achieve the desired sound, record the number for future reference.

TENSION SAMPLES

The following samples are tension values from standard set-ups.

<table>
<thead>
<tr>
<th>HEAVY METAL</th>
<th>12&quot;F</th>
<th>13.5&quot;F</th>
<th>15&quot;F</th>
<th>16&quot;F</th>
<th>22&quot;D</th>
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<tr>
<td>Tension</td>
<td>60-65</td>
<td>65-70</td>
<td>70-75</td>
<td>75-80</td>
<td>80-85</td>
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<tr>
<td>Weight</td>
<td>50-55</td>
<td>55-60</td>
<td>60-65</td>
<td>65-70</td>
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FUSION

<table>
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<tr>
<th>HEAVY METAL</th>
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<th>13.5&quot;F</th>
<th>15&quot;F</th>
<th>16&quot;F</th>
<th>22&quot;D</th>
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<tbody>
<tr>
<td>Tension</td>
<td>50-55</td>
<td>55-60</td>
<td>60-65</td>
<td>65-70</td>
<td>70-75</td>
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<td>Weight</td>
<td>45-50</td>
<td>50-55</td>
<td>55-60</td>
<td>60-65</td>
<td>70-75</td>
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</table>

ALTERNATIVE | 14"F | 15"F | 16"F | 22"D |
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tension</td>
<td>50-55</td>
<td>55-60</td>
<td>60-65</td>
<td>70-75</td>
</tr>
<tr>
<td>Weight</td>
<td>45-50</td>
<td>50-55</td>
<td>60-65</td>
<td>70-75</td>
</tr>
</tbody>
</table>

BASIC | 12"F | 13.5"F | 15"F |
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Tension</td>
<td>50-55</td>
<td>55-60</td>
</tr>
<tr>
<td>Weight</td>
<td>45-50</td>
<td>50-55</td>
</tr>
</tbody>
</table>

Set-up used on above samples: 2.3mm Steel Mighty Hoses, EVANS G2 buttler heads, TAMARA Clear bottom heads.

RHYTHM WATCH RW100

The First Programmable Metronome Designed For Drummers...

Finally, a clicker designed for the clicker. The Rhythm Watch can be programmed to suit your own needs or be mounted directly to a Tama HC22 Practice Pad Stand in any position by using an optional G2RJ Adapter. From there, there’s a slew of other drummer-friendly features:

1. The RW100 allows exact tempo selection from standard electronic metronomes. Tempos can be changed effortlessly with a click of the tempo dial.
2. Program the minute division of quarter, eighth, half note or whole note and enter these with the up and down buttons of the WATCH button.
3. Store up to 20 of your own programming and select them with the IN/OUT switch (optional).
4. Green/red lights on the front of the displays indicate the beat and drum pattern.
5. Large LCD display: Especially useful for drummers from stages and studios.

Plug the Rhythm Watch also features a soft carrying case, hard and soft click times for different playing environments, and headphone output.

The Rhythm Watch has been designed for the drummer, but it’s also a great tool for drum techs, hand-drummers and studio engineers...and it’s so simple, even your guitarist can use it!

Artists Rave Over The Rhythm Watch...

"The Rhythm Watch is incredible. I use it on every other show, and it’s been an essential tool in our live sound mixes. It’s been invaluable in setting up our drum kit and fine-tuning the drum sounds."—Mike Portnoy (DREAM THEATER)

"The Rhythm Watch is a great tool. It’s helped me to get a better sound on the drums. And it’s helped me to get a better sound on the drums. And it’s helped me to get a better sound on the drums. And it’s helped me to get a better sound on the drums."—Bill Bruford (King Crimson)

"The Rhythm Watch is a must-have for all drummers. It’s great for setting up and fine-tuning your kit, and for recording and mixing. I recommend it to everyone!"—Pat Mastelotto (King Crimson)

"The Rhythm Watch is a fantastic tool. It’s helped me to fine-tune my kit and make sure it’s set up just right. It’s also great for recording. I can’t live without it!"—Joel Hoffman (SPINZ, CYRUS)

"The Rhythm Watch is a great tool. It’s helped me to fine-tune my kit and make sure it’s set up just right. It’s also great for recording. I can’t live without it!"—Scott Johnson (Spencer Wells, etc.)
## Power Tools Sticks

Tama's Power Tools, with "speck" that make sense are made of the finest American Hickory and Japanese Oak. Power Tools perfectly balanced, long-lasting matched pairs are the closest thing to having your own customized stick.

### Hickory

<table>
<thead>
<tr>
<th>Model</th>
<th>Length (mm)</th>
<th>Grip Diameter (mm)</th>
<th>Comparable to</th>
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<tbody>
<tr>
<td>HM1</td>
<td>155 (6100)</td>
<td>215</td>
<td>MA</td>
</tr>
<tr>
<td>HM2</td>
<td>160 (6300)</td>
<td>215</td>
<td>MA</td>
</tr>
<tr>
<td>HM3</td>
<td>165 (6500)</td>
<td>215</td>
<td>MA</td>
</tr>
<tr>
<td>HM4</td>
<td>170 (6700)</td>
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<td>MA</td>
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<tr>
<td>HM-BC</td>
<td>175 (6900)</td>
<td>215</td>
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### Oak

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<tbody>
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<td>MA</td>
</tr>
<tr>
<td>OM2</td>
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</tr>
<tr>
<td>OM5</td>
<td>170 (6700)</td>
<td>215</td>
<td>MA</td>
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</tbody>
</table>

### Accessories

#### WOOD HOOP SAVER

Refits the wear and tear on wood hoops caused by bass drum pedal clamps.

#### TRAINING PAD

TP10 & HC22

The TP10 bolts and responds just like a real drum but utilizes an actual 8" diameter, non-slip absorbent drum head.

#### POWER KICK

PK10

Lightweight and elastic with just the right sound damping qualities for bass drums...and it looks a whole lot better on stage than a blanket.

#### BASS DRUM ANCHOR

63-BB

Fits on end of bass drum "wedge." Keeps bass drum anchored to floor,ylvania and rubber tips for any kind of performance surface.