STORM
VIRTUAL ENERGY
AUGUST 2009

54.5 Hook • 15 Length • 16 Breakpoint Shape
Cover Type: R2S Hybrid Reactive
Box Finish: 1500 Polish
RG: 2.480 • RG Differential: .050

Storm’s complement to the Virtual Gravity with more length and backend.
For more on this ball see pg. 74

REAL WORLD RATINGS

**Hook:** 38-47 for light to medium oil, 47-52 for medium to medium-heavy patterns, 52 for medium-heavy to heavier volumes of oil.

**Length:** 8-12 earlier roll for heavier and longer patterns, 13-15 medium length, 15-17 easier length for lighter patterns or slower ball speeds.

**Breakpoint Shape:** 10-13 an arcing, slower response to friction, 13-15 a slightly quicker response with more angularity, 15-17 the quickest response and potentially most angular move.

**Month:** Refers to date of full review as it appeared in Joe Cerar’s “No Holes Barred” column.

(Balls listed alphabetically by model name)
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<td>14.5 Breakpoint Shape</td>
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<td>Big Bang XL Reactive</td>
<td>Box Finish: 1000 Polished</td>
<td>RG: 2.540</td>
<td>Differential: 0.045</td>
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An attractively colored mid-priced skid/flip pearl for most medium patterns.

A very strong skid/flip motion with versatility on medium and oilier patterns.

A smooth-rolling pearl with easy length for light and medium oil.

Designed for light to medium oil with easy length and a smooth move off dry.

An aggressive skid/flip pearl best on medium oil concentrations.

A long and strong pearl for light to medium oil patterns.

Track’s strongest hooking pearl with a strong downlane breakpoint shape.

An arcing premium solid particle for medium to heavier oil.

Plenty of total hook with an aggressive angular move for medium to heavier oil.

Predictability with good hitting power for light to medium oil.

An extremely aggressive pearl for heavier volumes of oil.
2010 BALL GUIDE

900 GLOBAL

AUGUST 2009

BOUNTY HUNTER

58 Hook • 11 Length • 15 Breakpoint Shape
Cover Type: S79 Hybrid Reactive
Box Finish: 4000 Abralon
RG: 2.53 • RG Differential: 0.042

Walter Ray won this season’s first PBA event with this super hooker for heavier oil

900 GLOBAL

DECEMBER 2009

BOUNTY HUNTER PEARL

52 Hook • 15 Length • 15.5 Breakpoint Shape
Cover Type: S72 Pearl Reactive
Box Finish: Polished
RG: 2.500 • RG Differential: 0.049

A later hooking pearl complement for the Bounty Hunter solid

900 GLOBAL

APRIL 2009

BREAK POINT

48 Hook • 14.5 Length • 15 Breakpoint Shape
Cover Type: S-73 Hybrid Blend
Box Finish: 4000 Abralon
RG: 2.530 • RG Differential: 0.040

A very versatile strong-arcing solid for medium oil

900 GLOBAL

JULY 2009

BREAK POINT PEARL

50.5 Hook • 15 Length • 16.5 Breakpoint Shape
Cover Type: S73 Pearl Reactive
Box Finish: Polished
RG: 2.530 • RG Differential: 0.055

Lots of hitting power from an aggressive skid/flip pearl, best on medium oil

LANE #1

JANUARY 2009

CHAINSAW

45 Hook • 16 Length • 14 Breakpoint Shape
Cover Type: Solid Reactive Skid/Hook
Box Finish: Highly Polished
RG: 2.530 • RG Differential: 0.013

Vintage Lane #1 roll with easy length for light to medium oil

LANE #1

JUNE 2009

CHAINSAW MASSACRE

47 Hook • 15.5 Length • 16.5 Breakpoint Shape
Cover Type: Bleeder Pearl Reactive
Box Finish: Highly Polished
RG: 2.52 • RG Differential: 0.038

A fast revving, aggressive skid/flip pearl for medium volumes

AMF

SEPTEMBER 2009

CLUTCH

52 Hook • 12.5 Length • 15.5 Breakpoint Shape
Cover Type: F55 Solid Reactive
Box Finish: 4000 Buff
RG: 2.560 • RG Differential: 0.0440

An early rolling, strong hooking solid for heavier oil patterns

COLUMBIA 300

JULY 2009

COOL NOIZE

49 Hook • 14 Length • 15 Breakpoint Shape
Cover Type: 300 Pearl Reactive
Box Finish: 2000 Abralon
RG: 2.560 • RG Differential: 0.040

A versatile pearl for most medium length and volume oil patterns

LANE MASTERS

MAY 2009

BUZZ ATTACK

49 Hook • 15 Length • 15 Breakpoint Shape
Cover Type: Micron Pearl Particle Reactive
Box Finish: 1200 Sheen
RG: 2.500 • RG Differential: 0.039

Predictable power with a strong breakpoint in a particle pearl cover

COLUMBIA 300

DECEMBER 2009

DIAMONDBACK

53 Hook • 13 Length • 14.5 Breakpoint Shape
Cover Type: Activator Solid Reactive
Box Finish: 2000 Micron Pad
RG: 2.53 • RG Differential: 0.043

A mid-priced strong and earlier rolling solid reactive for medium/heavy oil

www.bowlersjournal.com
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<td>Rebound Reactive Pearl</td>
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<td>Box Finish: 4000 Rough Buff</td>
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<td>Skid/Flip Aggressive Edge Pearl</td>
<td>Box Finish: 2000 Abralon Polished</td>
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**HYPE REACTIVE**

**AMF**

OCTOBER 2009

48 Hook • 15 Length • 15 Breakpoint Shape
Cover Type: F45 Pearl Reactive
Box Finish: Polished
RG: 2.450 • RG Differential: 0.051

A medium strength, go-long and hard-arcing pearl best on medium oil

---

**HYPE URETHANE**

**AMF**

OCTOBER 2009

43 Hook • 14.5 Length • 14 Breakpoint Shape
Cover Type: R20 Urethane
Box Finish: 4000 Dull
RG: 2.54 • RG Differential: 0.051

Urethane predictability with very good hitting power for short and lighter oil

---

**JIGSAW**

**HAMMER**

SEPTEMBER 2009

49 Hook • 14.5 Length • 15 Breakpoint Shape
Cover Type: Burst Reactive 5/4
Box Finish: 500/4000 Abralon
RG: 2.480 • RG Differential: 0.051

Hammer’s premium solid with a strong mid-lane motion for medium/heavier oil

---

**LANE BREAKER**

**EBONITE**

JULY 2009

49 Hook • 14.5 Length • 15 Breakpoint Shape
Cover Type: Traxion Reactive .048
Box Finish: 4000/Polished
RG: 2.510 • RG Differential: 0.058

A strong arcing, midlane reading reactive for medium oil patterns

---

**LERVG RESPONSE**

**MORICH**

JANUARY 2009

53 Hook • 14.5 Length • 15.5 Breakpoint Shape
Cover Type: Extended Ra Pearl Reactive
Box Finish: 4000 Sanded
RG: 2.509 • RG Differential: 0.046

A fast revving, midlane arcing pearl for medium to heavier volumes

---

**LUNATIC**

**900 GLOBAL**

JULY 2009

50 Hook • 15 Length • 15 Breakpoint Shape
Cover Type: S53 Solid Reactive
Box Finish: Polished
RG: 2.550 • RG Differential: 0.045

A versatile strong-arcing ball for most medium length and volume oil patterns
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<td>RG: 2.51 • RG Differential: 0.051</td>
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<td>RG: 2.520 • RG Differential: 0.038</td>
<td>RG: 2.500 • RG Differential: 0.042</td>
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<td>A very aggressive heavier oil ball with an angular breakpoint shape</td>
<td>A powerful pearl with very easy length and an angular breakpoint</td>
<td>A strong arcing mid-priced hybrid for medium/heavy patterns</td>
<td>A long and smooth breakpoint shape off dry for light to light/medium volumes</td>
<td>An early strong arcing solid with excellent downlane continuation on heavier oil</td>
<td>A very aggressive smooth arcing particle for heavier oil patterns</td>
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<td>RG: 2.560 • RG Differential: 0.0520</td>
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<td>Roto Grip’s premium super hooking solid for heavy and longer oil patterns</td>
<td>An early rolling super hooker from China, best on heavy oil</td>
<td>Very predictable urethane roll with amazing hitting power for light to medium oil</td>
<td>A versatile pearl particle with excellent carry on most medium volume patterns</td>
<td>Easy length with a crisp, strong read off the dry boards</td>
<td>A strong hooking solid with a smooth move off friction</td>
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### Ball Guide

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<th>Notes</th>
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<td>Ultra Vision Solid Reactive</td>
<td>1500 Polish</td>
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<td>0.045</td>
<td>An aggressive skid/flip polished solid for medium to medium/heavy oil</td>
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<td><strong>ROTO GRIP</strong></td>
<td><strong>AUGUST 2009</strong></td>
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<td>Ultra Vision Pearl Reactive</td>
<td>1500 Polished</td>
<td>2.550</td>
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<td>An aggressive skid/flip polished pearl for medium to medium/heavy oil</td>
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<td>0.042</td>
<td>A very versatile solid reactive for many medium volume oil patterns</td>
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<td>0.058</td>
<td>Caffeine Sports’ oil-munching strong hooking pearl reactive</td>
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<td><strong>COLUMBIA 300</strong></td>
<td><strong>FEBRUARY 2009</strong></td>
<td><strong>POWER SWING</strong></td>
<td>48 Hook</td>
<td>14.5 Length</td>
<td>15 Breakpoint Shape</td>
<td>NE2 Maxx Solid Reactive</td>
<td>4000 Abralon</td>
<td>2.510</td>
<td>0.051</td>
<td>A very versatile strong arcing solid for medium oil</td>
</tr>
<tr>
<td><strong>BRUNSWICK</strong></td>
<td><strong>AUGUST 2009</strong></td>
<td><strong>PYTHON</strong></td>
<td>47 Hook</td>
<td>15.5 Length</td>
<td>15 Breakpoint Shape</td>
<td>EnMotion Pearl Reactive</td>
<td>Highly Polished</td>
<td>2.48</td>
<td>0.042</td>
<td>Designed for medium oil with excellent length and power off dry</td>
</tr>
<tr>
<td><strong>MOTIV</strong></td>
<td><strong>DECEMBER 2009</strong></td>
<td><strong>QZ1</strong></td>
<td>48 Hook</td>
<td>14.5 Length</td>
<td>14.5 Breakpoint Shape</td>
<td>MOTIVator-Z Pearl Reactive</td>
<td>2000 Polished Abralon</td>
<td>2.550</td>
<td>0.040</td>
<td>An extremely versatile mid-priced pearl for many medium to medium/heavy oil</td>
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<tr>
<td><strong>BRUNSWICK</strong></td>
<td><strong>FEBRUARY 2009</strong></td>
<td><strong>RATTLER</strong></td>
<td>50 Hook</td>
<td>15.5 Length</td>
<td>16 Breakpoint Shape</td>
<td>Activator Pearl Reactive</td>
<td>Highly Polished</td>
<td>2.490</td>
<td>0.043</td>
<td>A mid-priced powerhouse with excellent length and flip for medium oil</td>
</tr>
<tr>
<td><strong>HAMMER</strong></td>
<td><strong>AUGUST 2009</strong></td>
<td><strong>RAW BURN</strong></td>
<td>50 Hook</td>
<td>15 Length</td>
<td>15.5 Breakpoint Shape</td>
<td>Shredder Reactive Pearl</td>
<td>Highly Polished</td>
<td>2.480</td>
<td>0.050</td>
<td>A mid-priced pearl offering very easy length with a quick, strong move off dry boards</td>
</tr>
<tr>
<td><strong>HAMMER</strong></td>
<td><strong>JANUARY 2009</strong></td>
<td><strong>RAW ACID</strong></td>
<td>50 Hook</td>
<td>14 Length</td>
<td>14.5 Breakpoint Shape</td>
<td>Max-Hook Solid Reactive</td>
<td>4000 Abralon</td>
<td>2.480</td>
<td>0.050</td>
<td>Predictability in a smooth arcing solid for medium to medium/heavy oil</td>
</tr>
<tr>
<td><strong>COLUMBIA 300</strong></td>
<td><strong>JUNE 2009</strong></td>
<td><strong>RAZYR</strong></td>
<td>43 Hook</td>
<td>17.5 Length</td>
<td>13 Breakpoint Shape</td>
<td>Recoil Pearl Reactive</td>
<td>4000 Factory Highly Polished</td>
<td>2.650</td>
<td>0.020</td>
<td>Exceptional length with very good hitting power for dry lanes</td>
</tr>
<tr>
<td><strong>STORM</strong></td>
<td><strong>OCTOBER 2009</strong></td>
<td><strong>REIGN</strong></td>
<td>51 Hook</td>
<td>15.5 Length</td>
<td>16 Breakpoint Shape</td>
<td>R2S Pearl Reactive</td>
<td>1500 Polished</td>
<td>2.570</td>
<td>0.048</td>
<td>Storm’s most aggressive go-long-and-flip-hard high RG pearl reactive</td>
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</table>
2010 ANNUAL BALL GUIDE COMPANY INFO

**ELITE**

**RED ALIEN**

<table>
<thead>
<tr>
<th>Hook</th>
<th>Length</th>
<th>Shape</th>
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</thead>
<tbody>
<tr>
<td>59</td>
<td>10</td>
<td>15 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** E80 Solid Reactive  
**Box Finish:** 1000 Abralon  
**RG:** 2.5  
**RG Differential:** 0.043  

An extremely strong hooking solid reactive for heavier and longer oil

---

**STORM**

**SECOND DIMENSION**

<table>
<thead>
<tr>
<th>Hook</th>
<th>Length</th>
<th>Shape</th>
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<tbody>
<tr>
<td>51</td>
<td>15.5</td>
<td>16 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** RSX Pearl Reactive With Mica  
**Box Finish:** 1500 Polished  
**RG:** 2.510  
**RG Differential:** 0.048  

A smooth-rolling pearl with mica for added oil traction

---

**BRUNSWICK**

**SIEGE**

<table>
<thead>
<tr>
<th>Hook</th>
<th>Length</th>
<th>Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>54</td>
<td>13.5</td>
<td>15 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** Propel Solid Reactive  
**Box Finish:** 1000 Micron  
**RG:** 2.470  
**RG Differential:** 0.056  

The big B’s flagship oil ball with a strong backend reaction in heavier oil

---

**AMF**

**SIDeways**

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<th>Hook</th>
<th>Length</th>
<th>Shape</th>
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<tbody>
<tr>
<td>49</td>
<td>14.5</td>
<td>15 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** F 75 Pearl Reactive  
**Box Finish:** 600 Grit/2000 Polish  
**RG:** 2.56  
**RG Differential:** 0.055  

A strong back-end reaction in heavier oil but not necessarily in carrydown.

---

**Ebonite**

**SMASH**

<table>
<thead>
<tr>
<th>Hook</th>
<th>Length</th>
<th>Shape</th>
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<tbody>
<tr>
<td>46</td>
<td>15.5</td>
<td>14.5 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** Modified Phazed Reactive  
**Box Finish:** 1000/Polished  
**RG:** 2.55  
**RG Differential:** 0.041  

A light oil specialist with easy length and a smooth move off friction

---

**AMF**

**SMoke**

<table>
<thead>
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<th>Hook</th>
<th>Length</th>
<th>Shape</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>17</td>
<td>14 Breakpoint</td>
</tr>
</tbody>
</table>

**Cover Type:** F28 Pearl Reactive  
**Box Finish:** Polished  
**RG:** 2.680  
**RG Differential:** 0.025  

Designed for light oil with excellent length and smooth downlane motion
**SEISMIC**  
**SOLARIS REQUIEM**  
54 Hook • 13 Length • 15 Breakpoint Shape  
Cover Type: AVC + Solid Reactive  
Box Finish: 1000 Abralon  
RG: 2.480 • RG Differential: 0.048  
Plenty of total hook with great continuation for heavier and longer patterns

**CAFFEINE SPORTS**  
**STIMULANT XTRA**  
51 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover Type: Java II Super Reactive Solid  
Box Finish: 4000 Abralon  
RG: 2.520 • RG Differential: 0.055  
A predictable medium length, strong-arcing solid for medium oil

**ELITE**  
**SPIDER WASP**  
50 Hook • 14 Length • 14 Breakpoint Shape  
Cover Type: E60 Solid Reactive  
Box Finish: Rubbing Compound  
RG: 2.470 • RG Differential: 0.034  
A smooth-rolling, smooth-arcing solid for medium oil patterns

**AZO**  
**STRIKE**  
52 Hook • 13 Length • 13.5 Breakpoint Shape  
Cover Type: SHP Solid Reactive  
Box Finish: 2000 Abralon  
RG: 2.570 • RG Differential: 0.048  
A hidden gem of a solid with a very strong breakpoint motion on med/heavy oil

**MOTIV**  
**SR2**  
50 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover Type: MOTIVator-X Solid Reactive  
Box Finish: 2000 Polish  
RG: 2.470 • RG Differential: 0.047  
A strong skid/flip solid, best on medium oil concentrations

**MOTIV**  
**SX1**  
51 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover Type: MOTIVator-X Solid Reactive  
Box Finish: 2000 Power Gel Polished  
RG: 2.470 • RG Differential: 0.047  
A fast revving solid with a quick, strong move off dry boards
<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
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<th>Length</th>
<th>Breakpoint</th>
<th>Cover Type</th>
<th>Box Finish</th>
<th>RG</th>
<th>RG Diff.</th>
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<td>57</td>
<td>11</td>
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<td>Solid Reactive</td>
<td>800 Wet Sand</td>
<td>2.54</td>
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<td>Motiv's earliest and strongest total hooking solid reactive, for heavy oil</td>
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<td><strong>TX1</strong></td>
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<td>14</td>
<td>15</td>
<td>Solid Reactive</td>
<td>1000/Wet Sand</td>
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<td>0.052</td>
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<td>Power with versatility in a solid reactive, best on medium/heavy oil</td>
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<td><strong>EBONITE</strong></td>
<td><strong>ONE PEARL</strong></td>
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<td>4000 Abralon Polished</td>
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<td>Very easy length in oil with a quick, strong angular move off drier boards</td>
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<tr>
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<td><strong>WILD CARD</strong></td>
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<td>12</td>
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<td></td>
<td>A very strong arcing solid for medium to heavier oil</td>
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<td><strong>BRUNSWICK</strong></td>
<td><strong>WILD RIDE</strong></td>
<td>51</td>
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<td>Rough Buff Polished</td>
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<td>A predictable smooth arcing pearl for medium to medium/heavy oil</td>
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<td><strong>WILD THING</strong></td>
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<td>An extremely versatile pearl for medium to heavier oil</td>
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