

**BowlersJournal**  
INTERNATIONAL

# 29<sup>TH</sup> ANNUAL BALL GUIDE



***Review Summaries and Statistics  
for 112 Bowling Balls***

***Updated 'Real World' Ratings  
for Every Ball***

# UNDERSTANDING THE BALL GUIDE RATINGS

**BJI BALL REVIEWER** Joe Cerar Jr. provides hook, length and breakpoint ratings for each ball reviewed throughout the year. In *BJI's* 29th annual Ball Guide, all of that data can be found in one place. Here is an explanation of numeric ratings:

## HOOK RATINGS

**35-45:** Balls with lower total hook ranges, best suited for lighter oil concentrations. Players with slower speeds or higher rev rates may also prefer balls in this range for medium oil applications.

**45-51:** Balls with medium hook ability, best suited for the vast majority of "typical house shots" and some lower-volume Sport patterns. This hook range should be represented by the "centerpiece" ball in most arsenals.

**51-60+:** Balls with greater total hook, designed for heavier oil volumes. Players with higher speeds or lower rev rates, who need added lane traction, may also prefer balls in this range.

## LENGTH RATINGS

**8-12:** Earlier rolling balls that read the lane sooner. These products generally come factory-sanded with lower grit surfaces, and match up well for speed-dominant styles and those who are bowling on

longer oil patterns.

**12-15:** Medium-length balls that produce easier length through the midlane. Good for most house shots and medium-volume Sport patterns.

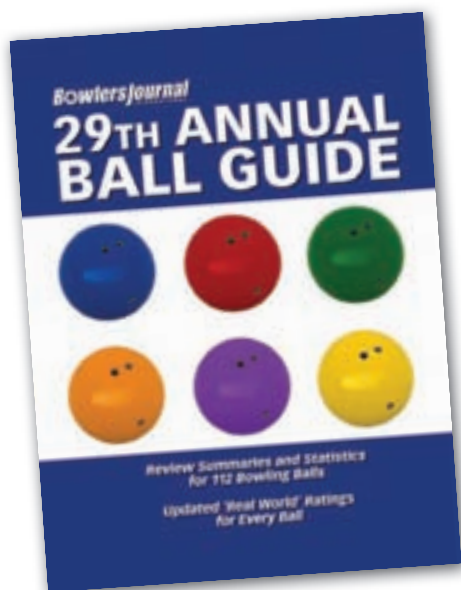
**15-19+:** Balls offering extra length for those bowling on lighter oil concentrations. Also beneficial for slower speed players, or those with higher rev rates needing added push downlane.

## BREAKPOINT RATINGS

**10-13:** Slower-response balls that read the friction areas more gradually. This range may include balls with a urethane or mild reactive cover, designed for a smooth arc to the pocket. Also can help those with higher rev rates control motion and match up well from outside angles of attack.

**13-15:** Balls rated for slightly stronger and quicker reactions when encountering friction areas (as when the ball leaves the oil pattern). This range offers a balance of control and back-end angularity.

**15-18+:** Balls that respond more quickly and aggressively to friction areas. This range can help those with less hand action create more angularity near the pocket. Also preferred when playing deeper inside angles, which generally require more entry angle for above-average pin carry.



## ABOUT THE 29TH ANNUAL BOWLING BALL GUIDE

**FOR NEARLY THREE DECADES,** *Bowlers Journal International* has been reviewing bowling balls, helping readers select the equipment that best matches their game and the lane conditions they normally encounter.

In 2012, Joe Cerar Jr., who operates a successful pro shop in Milwaukee, Wis., reviewed 112 balls for his "No Holes Barred" column in *BJI*. What follows are summaries of those reviews, listed in alphabetical order by ball name, including the "Real World Ratings" that are explained on this page.

If you're in the market for a new ball... or a new arsenal... you'll want to take the 29th annual *BJI* Ball Guide with you when you visit your local pro shop.



**MOTIV**

AUGUST 2012

**2CRUEL**

55 Hook • 14.5 Length • 16.5 Breakpoint Shape  
Cover: Whiplash Hybrid  
Box Finish: 4000  
RG: 2.55 • RG Differential: 0.053



MOTIV's strongest hybrid, with a hard-arcing, later breakpoint shape.



**TRACK**

DECEMBER 2012

**811C/T**

49 Hook • 14.5 Length • 14.5 Breakpoint Shape  
Cover: Gen C C/T  
Box Finish: 800, 1k, 2k, 4k  
RG: 2.5 • RG Differential: 0.046



A very controllable benchmark-rolling ball for medium oil volumes.



**TRACK**

JULY 2012

**300A**

45.5 Hook • 16.5 Length • 15 Breakpoint Shape  
Cover: Gen MA  
Box Finish: 800, 1k, 2k, 4k polished  
RG: 2.57 • RG Differential: 0.029



A low-priced pearl with excellent length and strong back-end motion.

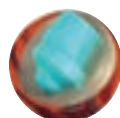


**TRACK**

JULY 2012

**912T**

57 Hook • 12.5 Length • 15 Breakpoint Shape  
Cover: Gen ET  
Box Finish: 800, 1500, Abranet Soft  
RG: 2.5 • RG Differential: 0.046



Track's strongest hooking solid reactive for heavier oil and firm speeds.



**TRACK**

FEBRUARY 2012

**508A**

46 Hook • 16 Length • 15 Breakpoint Shape  
Cover: MP Gen 4 Reactive  
Box Finish: 500, 1k, 2k, polish  
RG: 2.51 • RG Differential: 0.049



A skid/flip pearl, at a modest price, for most medium oil volumes.



**ABS**

OCTOBER 2012

**ACCU SWING IV**

48 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: Nanoxy Super Pearl  
Box Finish: 500, 600, 2000  
RG: 2.49 • RG Differential: 0.052



The first U.S. entry from ABS is a medium-volume, even-arcing powerhouse.



**TRACK**

AUGUST 2012

**706A**

50 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: Gen XA  
Box Finish: 800, 1k, 2k polish  
RG: 2.52 • RG Differential: 0.053



A strong skid/flip reactive with an added angularity asymmetric core.



**JET**

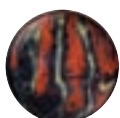
FEBRUARY 2012

**ALTITUDE**

53 Hook • 14 Length • 15 Breakpoint Shape  
Cover: Tornatic Reactive Nano F-5  
Box Finish: 4000  
RG: 2.48 • RG Differential: 0.052



Jet's premium low-RG reactive for medium to medium-heavy oil.



**TRACK**

MARCH 2012

**716T**

55 Hook • 13 Length • 15 Breakpoint Shape  
Cover: Gen XT Solid  
Box Finish: 500, 1k, 2k  
RG: 2.51 • RG Differential: 0.057



A strong-arcing solid with a slower down-lane response for heavier oil.



**HAMMER**

DECEMBER 2012

**ARSON HYBRID**

50 Hook • 15 Length • 15 Breakpoint Shape  
Cover: 500, 1k, 1k, 3k  
Box: Max Control Hybrid  
RG: 2.48 • RG Differential: 0.045



A controllable, medium-oil hybrid cover at a modest price point.



**TRACK**

JANUARY 2012

**811A SPECIAL EDITION**

50.5 Hook • 15.5 Length • 16 Breakpoint Shape  
Cover: SE8 Gen-1 With Crystalline  
Box Finish: 500, 1k, 2k, polish  
RG: 2.5 • RG Differential: 0.046



A medium-strength cover with a very strong core for added angularity.



**HAMMER**

AUGUST 2012

**ARSON PEARL**

48 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: Max-Corner Pearl  
Box Finish: 500, 1k, 2k, polished  
RG: 2.48 • RG Differential: 0.045



A fast-rewving pearl with a strong arc/flip breakpoint shape.



**MOTIV**

JULY 2012

**ASCENT PEARL**

46.5 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: MOTIVator-Z Pearl  
Box Finish: 2000, Polish  
RG: 2.59 • RG Differential: 0.025



A dry-lane workhorse with excellent length and hitting power.



**HAMMER**

JANUARY 2012

**BRICK**

53 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: Grand Theft Hybrid  
Box Finish: 500, 500, 1k, 2k  
RG: 2.5 • RG Differential: 0.052



A benchmark-type roll from a hybrid cover for medium amounts of oil.



**MOTIV**

JULY 2012

**ASCENT SOLID**

48 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: MOTIVator-Z Solid  
Box Finish: 1000 Wet Sand  
RG: 2.59 • RG Differential: 0.025



A smooth-motion solid with a slow down-lane response for light-medium oil.



**AMF**

AUGUST 2012

**BULL WHIP SE**

52 Hook • 15.5 Length • 16.5 Breakpoint Shape  
Cover: F-73 Reactive Pearl  
Box Finish: Polished  
RG: 2.53 • RG Differential: 0.051



A premium, fast-revving, even-arcing pearl for most medium oil volumes.



**BRUNSWICK**

DECEMBER 2012

**AURA**

53 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: Optimum-Flip Solid  
Box Finish: 500, Rough Buff  
RG: 2.48 • RG Differential: 0.052



A premium, fast-revving pearl with an angular, aggressive breakpoint.



**BRUNSWICK**

SEPTEMBER 2012

**C-(SYSTEM) MAXXED OUT**

53 Hook • 13.5 Length • 14.5 Breakpoint Shape  
Cover: CFT Maxxed Out Solid  
Box Finish: 4000 Sia Air  
RG: 2.46 • RG Differential: 0.055



An upper mid-priced solid that reads early for heavier oil patterns.



**ROTO GRIP**

SEPTEMBER 2012

**BERSERK**

53.5 Hook • 13.5 Length • 15 Breakpoint Shape  
Cover: 65MH Hybrid  
Box Finish: 4000  
RG: 2.57 • RG Differential: 0.048



An early-rolling hybrid with an arcing finish for firm ball speed players.



**BRUNSWICK**

MARCH 2012

**C-(SYSTEM) VERSA-MAX**

49 Hook • 15 Length • 15 Breakpoint Shape  
Cover: CFT Versa-Max Solid  
Box Finish: 500, Rough, High Polish  
RG: 2.52 • RG Differential: 0.054



Brunswick's most versatile, even-arcing solid for medium-oiled lanes.



**900 GLOBAL**

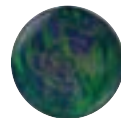
MARCH 2012

**BLACK EAGLE**

53 Hook • 14 Length • 16 Breakpoint Shape  
Cover: S70 Reactive  
Box Finish: Neat 4000  
RG: 2.48 • RG Differential: 0.058



A fast-revving solid, with an angular breakpoint, for medium oil volumes.



**EBONITE**

NOVEMBER 2012

**CHALLENGE**

58 Hook • 13 Length • 15 Breakpoint Shape  
Cover: Reaction Control System  
Box Finish: 800, 1k, 2k, 3k  
RG: 2.51 • RG Differential: 0.057



Ebonite's hook monster, with an aggressive finish for heavier oil.



**AMF**

APRIL 2012

**BLACK MAMBA**

55.5 Hook • 13 Length • 15 Breakpoint Shape  
Cover: F-74 Reactive  
Box Finish: Neat 1500 Dull  
RG: 2.54 • RG Differential: 0.055



AMF's earliest rolling, heavy-oil volume reactive ball.



**HAMMER**

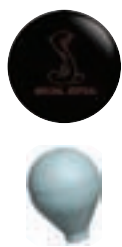
JULY 2012

**COBALT VIBE**

47.5 Hook • 15.5 Length • 15 Breakpoint Shape  
Cover: Violent Reactive  
Box Finish: 800, 1k, 2k, 4k polish  
RG: 2.51 • RG Differential: 0.042



Hammer's popular mid-priced reactive for light-medium patterns.



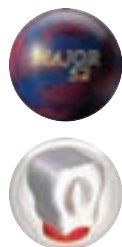
**AMF**

AUGUST 2012

### COBRA SE

49 Hook • 14 Length • 14 Breakpoint Shape  
Cover: F-74 Reactive  
Box Finish: Neat 4000  
RG: 2.56 • RG Differential: 0.017

A strong-cover ball with a smooth-rolling, low-flaring core for medium oil patterns.



**STORM**

APRIL 2012

### DON CARTER MAJOR 52

57 Hook • 11.5 Length • 15.5 Breakpoint Shape  
Cover: RDC Solid Hybrid  
Box Finish: 1000 Abralon  
RG: 2.49 • RG Differential: 0.058

A very aggressive breakpoint shape for medium and heavier oil patterns.



**STORM**

MARCH 2012

### CROSSROAD

52.5 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: R2S Hybrid  
Box Finish: 1500 Polish  
RG: 2.56 • RG Differential: 0.052

An updated, stronger version of the popular Storm Hy-Road hybrid.



**STORM**

APRIL 2012

### DON CARTER WISE MAN

51 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover: RDC Grab Reactive  
Box Finish: 2000 Polished  
RG: 2.58 • RG Differential: 0.054

A benchmark reactive for most medium oil patterns.



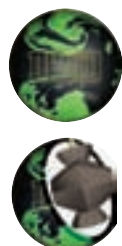
**COLUMBIA 300**

FEBRUARY 2012

### DARK ENCOUNTER

53 Hook • 13.5 Length • 15 Breakpoint Shape  
Cover: Elastin 7.5 Reactive  
Box Finish: 500, 1k, 2k, 2k  
RG: 2.5 • RG Differential: 0.052

An angular, solid asymmetric ball for medium-heavy oil environments.



**LANE #1**

FEBRUARY 2012

### DROID

57 Hook • 12 Length • 15 Breakpoint Shape  
Cover: Bionic Reactive  
Box Finish: 2000  
RG: 2.52 • RG Differential: 0.045

A heavier-oil, super-premium ball with a strong mid-lane presence.



**ROTO GRIP**

FEBRUARY 2012

### DEFIANT

58.5 Hook • 13 Length • 16 Breakpoint Shape  
Cover: MicroBite Reactive  
Box Finish: 3000  
RG: 2.49 • RG Differential: 0.054

A very early-revving, aggressive solid asymmetric ball for heavier oil.



**LANE #1**

MAY 2012

### DROID PEARL

51 Hook • 15 Length • 16.5 Breakpoint Shape  
Cover: Bionic Pearl  
Box Finish: Polished  
RG: 2.52 • RG Differential: 0.045

A strong skid/flip pearl with Lane #1's modified diamond core system.



**ROTO GRIP**

AUGUST 2012

### DEFIANT EDGE

55 Hook • 14.5 Length • 16.5 Breakpoint Shape  
Cover: MicroBite Pearl  
Box Finish: 1500 Polish  
RG: 2.49 • RG Differential: 0.054

Roto Grip's most aggressive asymmetric pearl for medium-heavy oil.



**EBONITE**

JANUARY 2012

### ELEVATE

49 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: Traxion Reactive Hybrid .030  
Box Finish: 800, 1k, 2k, Polish  
RG: 2.5 • RG Differential: 0.051

An aggressive, medium oil volume hybrid with excellent length.



**900 GLOBAL**

DECEMBER 2012

### DIRTY LOOK

47.5 Hook • 16 Length • 17 Breakpoint Shape  
Cover: S73 Pearl  
Box Finish: Polished  
RG: 2.53 • RG Differential: 0.054

Offers an aggressive skid/flip motion potential for medium-heavier oil.



**EBONITE**

JUNE 2012

### ENDURE

52 Hook • 14 Length • 14.5 Breakpoint Shape  
Cover: Traxion .39 Reactive  
Box Finish: 500, 1k, 2k, 3k  
RG: 2.5 • RG Differential: 0.051

One of Ebonite's most versatile products for many medium-oil patterns.



**STORM**

AUGUST 2012

**FIRE ROAD**

52.5 Hook • 15 Length • 16 Breakpoint Shape  
Cover: R2X Pearl  
Box Finish: 1500 Polish  
RG: 2.56 • RG Differential: 0.052

A later and sharper hooking version of the popular Marvel pearl.



**AMF**

JULY 2012

**GREEN MAMBA**

55 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: F74 Reactive  
Box Finish: T Finish 4000  
RG: 2.48 • RG Differential: 0.054

A slightly later-rolling version in the Mamba series of heavy hookers.



**COLUMBIA 300**

JULY 2012

**FREEZE HYBRID**

45 Hook • 16.5 Length • 15 Breakpoint Shape  
Cover: New Era Hybrid  
Box Finish: 2000 Polish  
RG: 2.56 • RG Differential: 0.047

An entry-level hybrid with excellent hitting power on lighter volumes.



**DV8**

FEBRUARY 2012

**HELL RAISER REVENGE**

60 Hook • 12 Length • 16 Breakpoint Shape  
Cover: Class 7 Solid Reactive  
Box Finish: 500, 2000  
RG: 2.48 • RG Differential: 0.056

DV8's strongest hooking solid for speed-dominant types and heavy oil.



**COLUMBIA 300**

JULY 2012

**FREEZE SOLID**

46 Hook • 16 Length • 15 Breakpoint Shape  
Cover: New Era Solid  
Box Finish: 2000 Polish  
RG: 2.56 • RG Differential: 0.047

Premium performance at an entry-level price for light-medium patterns.



**DV8**

AUGUST 2012

**HELL RAISER TERROR**

53 Hook • 15.5 Length • 16 Breakpoint Shape  
Cover: Class 6 Reactive  
Box Finish: 500, Rough, High Polish  
RG: 2.48 • RG Differential: 0.056

A very aggressive skid/flip reactive for medium-heavy volumes.



**900 GLOBAL**

AUGUST 2012

**FREIGHT TRAIN**

57 Hook • 13 Length • 15 Breakpoint Shape  
Cover: S77 Reactive  
Box Finish: Neat 1500  
RG: 2.54 • RG Differential: 0.055

An early-rolling, strong solid with a strong mid-lane motion read.



**LORD FIELD**

SEPTEMBER 2012

**HERITAGE**

50 Hook • 15 Length • 15.5 Breakpoint Shape  
Cover: Proton Pearl Reactive  
Box Finish: 1000 Polished  
RG: 2.47 • RG Differential: 0.047

Lord Field's flagship pearl asymmetric with a strong arc/flip motion.



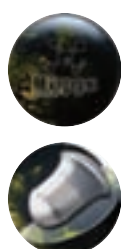
**STORM**

MAY 2012

**FRINGE**

48.5 Hook • 16 Length • 16.5 Breakpoint Shape  
Cover: R2S Pearl Reactive  
Box Finish: 1500 Polish  
RG: 2.53 • RG Differential: 0.045

A true skid/flip pearl for lighter mediums, or bowlers with slower ball speed.



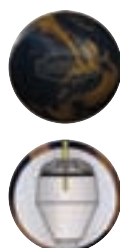
**LORD FIELD**

MARCH 2012

**HIGGS FORCE**

47 Hook • 13 Length • 13 Breakpoint Shape  
Cover: Reactor Particle  
Box Finish: 1000 Abralon  
RG: 2.57 • RG Differential: 0.039

A slow-response particle for playing more direct lines to the pocket.



**ELITE**

DECEMBER 2012

**GOLD**

51 Hook • 15 Length • 15.5 Breakpoint Shape  
Cover: E85 M Reactive  
Box Finish: 1200 Polish  
RG: 2.46 • RG Differential: 0.052

Elite's premium reactive for speed-dominant types and heavy oil.



**900 GLOBAL**

JUNE 2012

**HOOK! BLUE/YELLOW HYBRID**

47 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: S43 Hybrid Reactive  
Box Finish: Polished  
RG: 2.55 • RG Differential: 0.046

A strong-hitting, entry-level ball available in a pearl or solid.



**900 GLOBAL** JULY 2012

**HOOK! BLACK/SILVER PEARL**

47 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: S43 Pearl  
Box Finish: Polished  
RG: 2.55 • RG Differential: 0.046



A light oil specialist with excellent length and superb pin carry.



**LORD FIELD** MAY 2012

**JACKED**

52 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover: Eliminator Reactive  
Box Finish: 3000  
RG: 2.53 • RG Differential: 0.045



A benchmark-rolling reactive with a unique paddle-shaped core system.



**MORICH** FEBRUARY 2012

**HOOKR**

52 Hook • 15 Length • 17 Breakpoint Shape  
Cover Type: Super Trac Pearl  
Box: 4000  
RG: 2.49 • RG Differential: 0.057



Mo Pinel's sharpest breakpoint for light to medium oil patterns.



**900 GLOBAL** AUGUST 2012

**JEWEL P/P**

47.5 Hook • 16 Length • 16 Breakpoint Shape  
Cover: S65 Reactive Pearl  
Box Finish: Polished  
RG: 2.55 • RG Differential: 0.045



This ball's strong breakpoint is designed for slower speeds and lighter oil volumes.



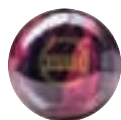
**LANE MASTERS** FEBRUARY 2012

**HS 2.0**

50 Hook • 15 Length • 15 Breakpoint Shape  
Cover: Molecular Particle  
Box Finish: Polished  
RG: 2.56 • RG Differential: 0.045



One of the best particle covers, with a skid/flip motion potential.



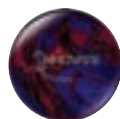
**BRUNSWICK** MAY 2012

**KARMA PURPLE/PINK PEARL**

47 Hook • 16 Length • 15 Breakpoint Shape  
Cover: Activator Plus  
Box Finish: Polished  
RG: 2.53 • RG Differential: 0.040



A danger Zone remake for medium oil or those with higher rev rates.



**EBONITE** JUNE 2012

**INNOVATE**

48 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: HTR 3.0 Pearl Reactive  
Box Finish: 800, 1k, 2k Polish  
RG: 2.49 • RG Differential: 0.046



A fast-rewing pearl for lighter to medium oil patterns.



**BRUNSWICK** SEPTEMBER 2012

**KARMA URETHANE**

44 Hook • 13 Length • 13 Breakpoint Shape  
Cover: Retro Urethane  
Box Finish: 500, 1000  
RG: 2.52 • RG Differential: 0.040



A very conservative-rolling urethane, offering a slow response off dry.



**STORM** AUGUST 2012

**IQ**

58 Hook • 13.5 Length • 15.5 Breakpoint Shape  
Cover: PFT Solid  
Box Finish: 3000  
RG: 2.48 • RG Differential: 0.050



A fast-rewing, early-rolling, arcing solid for heavier oil and firm speeds.



**MORICH** AUGUST 2012

**LOCOMOTION**

51.5 Hook • 15 Length • 15.5 Breakpoint Shape  
Cover: Hi Trac Reactive  
Box Finish: 1k, 2k, Polished  
RG: 2.5 • RG Differential: 0.044



A true skid/flip symmetric for most medium-oil patterns.



**STORM** AUGUST 2012

**IQ TOUR**

54 Hook • 14.5 Length • 14 Breakpoint Shape  
Cover: R2S Solid  
Box Finish: 4000  
RG: 2.48 • RG Differential: 0.029



A controllable oil ball with a smooth finish for higher rev types.



**STORM** OCTOBER 2012

**LUCID**

57 Hook • 14.5 Length • 16.5 Breakpoint Shape  
Cover: ERG Pearl Reactive  
Box Finish: 500, 2000, 4000  
RG: 2.52 • RG Differential: 0.050



A strong-arcng 4000 dull aggressive pearl for medium to heavier volumes.



**STORM**

MAY 2012

**MANIC**

52.5 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover: R2S Solid Reactive  
Box Finish: 4000 Abralon  
RG: 2.53 • RG Differential: 0.045



A controllable solid reactive with a slow and smooth down-lane motion.



**STORM**

MARCH 2012

**MODERN MARVEL**

58 Hook • 12.5 Length • 15.5 Breakpoint Shape  
Cover: R2X Hybrid  
Box Finish: 4000 Dull  
RG: 2.48 • RG Differential: 0.050



An early-rolling, low-RG, arcing hybrid for most medium to heavy oil patterns.



**DV8**

AUGUST 2012

**MARAUDER**

49 Hook • 15.5 Length • 15 Breakpoint Shape  
Cover: Class 4 Hybrid  
Box Finish: 500, Rough, High Polish  
RG: 2.52 • RG Differential: 0.040



One of DV8's most versatile hybrid coverstocks for medium-oiled lanes.



**HAMMER**

JULY 2012

**NAIL, SMOKE AND FIRE**

45 Hook • 16.5 Length • 15 Breakpoint Shape  
Cover: Shredder Pearl Reactive  
Box Finish: 4000 Polished  
RG: 2.55 • RG Differential: 0.042



Provides excellent length with power for light to light-medium oil patterns.



**DV8**

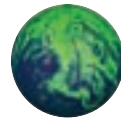
NOVEMBER 2012

**MARAUDER MADNESS**

52 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover: Class 5G Reactive  
Box Finish: 500, 4000  
RG: 2.52 • RG Differential: 0.050



The strongest Marauder with an even-arcing breakpoint shape.



**LORD FIELD**

SEPTEMBER 2012

**NASTY**

51 Hook • 14 Length • 14.5 Breakpoint Shape  
Cover: Proton Pearl Particle  
Box Finish: 2000 Abralon  
RG: 2.48 • RG Differential: 0.047



A slow-response pearl particle for a smooth breakpoint shape on medium oil.



**COLUMBIA 300**

NOVEMBER 2012

**MASS ERUPTION**

48 Hook • 14.5 Length • 14.5 Breakpoint Shape  
Cover: New Era Hybrid  
Box Finish: 800, 1k, 2k, 4k  
RG: 2.46 • RG Differential: 0.040



A very versatile hybrid coverstock for most light to medium volumes.



**BRUNSWICK**

MARCH 2012

**NEXXUS F(P+R)**

59 Hook • 12.5 Length • 15.5 Breakpoint Shape  
Cover: Addaptive f(P+R) Solid  
Box Finish: 500, 1500  
RG: 2.48 • RG Differential: 0.056



Brunswick's strongest solid reactive for more heavily oiled lanes.



**JET**

SEPTEMBER 2012

**MAXIMUM ALTITUDE**

52 Hook • 15 Length • 15.5 Breakpoint Shape  
Cover: Strato NF-20 Pearl  
Box Finish: Polished  
RG: 2.48 • RG Differential: 0.052



Great length with explosive back-end motion potential for medium patterns.



**BRUNSWICK**

SEPTEMBER 2012

**NEXXUS F(P+S)**

55 Hook • 14.5 Length • 16 Breakpoint Shape  
Cover: Addaptive F Pearl  
Box Finish: 500 Rough Buff  
RG: 2.49 • RG Differential: 0.056



One of Brunswick's strongest pearls for medium-heavy oil.



**BRUNSWICK**

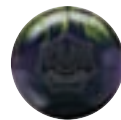
DECEMBER 2012

**MEANSTREAK**

49 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: Addaptive f(P2) Pearl  
Box Finish: 500, Rough Buff, Gloss  
RG: 2.55 • RG Differential: 0.048



A later-rolling, aggressive pearl with a hard arc for medium oil volumes.



**DV8**

NOVEMBER 2012

**NIGHTMARE**

55 Hook • 14 Length • 16 Breakpoint Shape  
Cover: Class 8 Reactive  
Box Finish: 500, 1000, 4000  
RG: 2.5 • RG Differential: 0.052



DV8's most aggressive skid/hard arc reactive for medium-heavy oil.





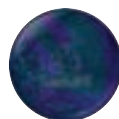
**COLUMBIA 300**

AUGUST 2012

**OATH**

58 Hook • 11 Length • 15 Breakpoint Shape  
Cover: Bend It Solid  
Box Finish: 500, 800, 1k, 2k  
RG: 2.47 • RG Differential: 0.054

One of Columbia 300's strongest hooking solid reactives for heavier oil.



**EBONITE**

MARCH 2012

**PURSUIT S**

53 Hook • 13 Length • 15 Breakpoint Shape  
Cover: Hyper Branched MDI  
Box Finish: 800, 1500 Abranet  
RG: 2.49 • RG Differential: 0.054

A heavy-rolling symmetric ball for heavy oil; a nice complement to the asymmetric Pursuit.



**COLUMBIA 300**

JANUARY 2012

**OMEN**

56 Hook • 12 Length • 15 Breakpoint Shape  
Cover: Bend It Reactive  
Box Finish: 500, 4k, 4k  
RG: 2.47 • RG Differential: 0.054

Columbia's fast-revving, even-arcing, slower response ball for heavier oil.



**SEISMIC**

OCTOBER 2012

**RAGING BULL STAMPEDE**

59 Hook • 13 Length • 15.5 Breakpoint Shape  
Cover: S.F. 7/9 Solid  
Box Finish: 2000 Dull  
RG: 2.49 • RG Differential: 0.054

A very aggressive solid reactive with a hard-arcing motion for heavy oil.



**EBONITE**

DECEMBER 2012

**PERSEVERE**

54 Hook • 13 Length • 15.5 Breakpoint Shape  
Cover: Traxion Reactive .039  
Box Finish: 500, 1k, 2k, 2k  
RG: 2.5 • RG Differential: 0.051

Another aggressive ball for oilier lane conditions.



**MOTIV**

APRIL 2012

**RAPTOR ATTACK**

48.5 Hook • 15.5 Length • 15.5 Breakpoint Shape  
Cover: Atomix SFP Pearl Reactive  
Box Finish: 2000 Polished  
RG: 2.46 • RG Differential: 0.060

A fast-revving, skid/flip pearl asymmetric for medium oil patterns.



**LANE #1**

JANUARY 2012

**PINK PANTHER PEARL**

51 Hook • 16 Length • 16 Breakpoint Shape  
Cover: ION Pearl  
Box Finish: 6421X3 Compound  
RG: 2.46 • RG Differential: 0.043

A fast-revving skid/flip pearl for most medium volumes at box finish.



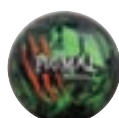
**MOTIV**

DECEMBER 2012

**RAPTOR TALON**

57 Hook • 12 Length • 15.5 Breakpoint Shape  
Cover: Fusion Solid  
Box Finish: 2000 Sanded  
RG: 2.46 • RG Differential: 0.060

An earlier rolling solid for heavier oil, or for those with higher ball speeds.



**MOTIV**

OCTOBER 2012

**PRIMAL SCREAM**

54 Hook • 15 Length • 16 Breakpoint Shape  
Cover: Whiplash Solid  
Box Finish: 4000 Dull  
RG: 2.55 • RG Differential: 0.050

An extremely versatile solid with excellent pin carry and back-end attitude.



**HAMMER**

AUGUST 2012

**RATCHET**

54 Hook • 14.5 Length • 16 Breakpoint Shape  
Cover: Grand Theft II Hybrid  
Box Finish: 800, 1k, 2k, 3k  
RG: 2.49 • RG Differential: 0.057

Hammer's strongest hybrid cover for medium to heavier oil.



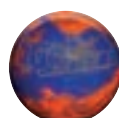
**EBONITE**

MARCH 2012

**PURSUIT**

56 Hook • 12 Length • 16 Breakpoint Shape  
Cover: Hyper Branched MDI  
Box Finish: 800, 1500 Abranet  
RG: 2.49 • RG Differential: 0.054

Ebonite's premium, heavy-rolling asymmetric for heavier patterns.



**LANE #1**

OCTOBER 2012

**RIPSAW**

47.5 Hook • 16 Length • 15 Breakpoint Shape  
Cover: Bleeder  
Box Finish: Neat 5000  
RG: 2.59 • RG Differential: 0.045

A notch above the Chainsaw SOS, for slightly oilier lane patterns.





**ROTO GRIP**

SEPTEMBER 2012

**SCREAM**

44 Hook • 17 Length • 14 Breakpoint Shape  
Cover: 42L Pearl  
Box Finish: 1500 Polish  
RG: 2.57 • RG Differential: 0.022

An extremely versatile, low-flaring pearl for rev-dominant types.



**LANE #1**

AUGUST 2012

**STEALTH BOMBER**

59 Hook • 12 Length • 16 Breakpoint Shape  
Cover: High Friction Hybrid  
Box Finish: Neat-E  
RG: 2.48 • RG Differential: 0.050

A fast-revving super-hooker for higher ball speeds and heavier oil.



**ROTO GRIP**

SEPTEMBER 2012

**SHATTER**

48 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: 51 ML Pearl  
Box Finish: 1500 Polish  
RG: 2.55 • RG Differential: 0.042

A later, hard-arcng pearl for many light to medium oil volumes.



**LANE #1**

DECEMBER 2012

**STEALTH BOMBER PEARL**

52 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: Bleeder 9.7 Reactive  
Box Finish: Neat 5000  
RG: 2.48 • RG Differential: 0.050

One of the most versatile pearls, with a strong-arcng or flip breakpoint.



**ROTO GRIP**

SEPTEMBER 2012

**SHOUT**

45 Hook • 16.5 Length • 13.5 Breakpoint Shape  
Cover: 45L Solid  
Box Finish: 1500 Polish  
RG: 2.57 • RG Differential: 0.022

Roto Grip's least-hookng solid reactive for a controllable, smooth ball motion.



**900 GLOBAL**

JULY 2012

**SURE THING**

54 Hook • 13.5 Length • 15 Breakpoint Shape  
Cover: S57 Hybrid  
Box Finish: 2000 Abralon  
RG: 2.49 • RG Differential: 0.043

An aggressive hybrid for medium-heavier oil patterns.



**MOTIV**

MAY 2012

**SIGMA HYBRID**

52 Hook • 13 Length • 13.5 Breakpoint Shape  
Cover: Atomix Hybrid  
Box Finish: 1000 Wet Sand  
RG: 2.47 • RG Differential: 0.047

A true benchmark hybrid for bowlers looking for a smooth breakpoint shape.



**HAMMER**

SEPTEMBER 2012

**TABOO DEEP PURPLE**

52 Hook • 14.5 Length • 15.5 Breakpoint Shape  
Cover: Grand Theft IV Pearl  
Box Finish: 500, 1k, 2k, 2k  
RG: 2.5 • RG Differential: 0.060

Hammer's premium pearl asymmetric for medium to heavier oil.



**RADICAL**

AUGUST 2012

**SLANT HD**

53 Hook • 15 Length • 16.5 Breakpoint Shape  
Cover: Pearl HD Reactive  
Box Finish: 1500 Polished  
RG: 2.47 • RG Differential: 0.054

Radical's latest breaking and most skid/flip pearl for medium oil.



**HAMMER**

FEBRUARY 2012

**TABOO JET BLACK**

48.5 Hook • 16 Length • 16.5 Breakpoint Shape  
Cover: GTR III Solid Reactive  
Box Finish: 2000, Polish  
RG: 2.5 • RG Differential: 0.060

One of Hammer's best and most popular medium-oil asymmetrics.



**RADICAL**

JANUARY 2012

**SLANT HYBRID**

53 Hook • 16 Length • 16.5 Breakpoint Shape  
Cover: Hybrid Soaker Reactive  
Box Finish: 1500 Polish  
RG: 2.47 • RG Differential: 0.045

A true skid/flip hybrid for medium-heavier oil patterns.



**VISIONARY**

DECEMBER 2012

**THE CLASSIC**

50 Hook • 15 Length • 15 Breakpoint Shape  
Cover: Hybrid React Tack  
Box Finish: 1500 Polish  
RG: 2.51 • RG Differential: 0.052

Provides a very controllable and consistent ball motion shape for many medium oil patterns.





**COLUMBIA 300** JULY 2012

**THE CLASSIC U2**

44 Hook • 14 Length • 12.5 Breakpoint Shape  
Cover: Classic Urethane  
Box Finish: 500, 1k, 2k  
RG: 2.46 • RG Differential: 0.040

Columbia 300's solid urethane remake, featuring the popular U2 core.



**RADICAL** JULY 2012

**TORRID**

46 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: Reactive Pearl With Mica  
Box Finish: 1500, Polished  
RG: 2.46 • RG Differential: 0.048

A strong pearl with mica for those who love the original Red Heat.



**900 GLOBAL** JULY 2012

**THE LOOK**

56 Hook • 14 Length • 15.5 Breakpoint Shape  
Cover: S75 Hybrid  
Box Finish: Neat 4000  
RG: 2.51 • RG Differential: 0.050

A strong mid-lane motion hybrid with a controlled breakpoint shape.



**900 GLOBAL** FEBRUARY 2012

**TRAIN**

55 Hook • 12.5 Length • 15 Breakpoint Shape  
Cover: S76 Reactive  
Box Finish: E Grit 1500, Dull  
RG: 2.5 • RG Differential: 0.054

An early-rolling, smooth-arcing hybrid for most heavier oil patterns.



**MOTIV** JANUARY 2012

**THRASH**

51.5 Hook • 13 Length • 14 Breakpoint Shape  
Cover: Z-Max Solid  
Box Finish: 1000 Sanded  
RG: 2.55 • RG Differential: 0.043

A slow-response solid for bowlers who want to play more up the lane.

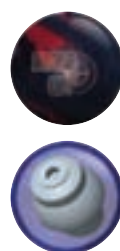


**STORM** JUNE 2012

**TROPICAL BREEZE BLACK/CHERRY**

45.5 Hook • 16 Length • 14 Breakpoint Shape  
Cover: Reactor Hybrid  
Box Finish: 1500 Polish  
RG: 2.57 • RG Differential: 0.009

A dry-lane ball for those wanting resin hitting power with urethane control.



**RADICAL** APRIL 2012

**TIME'S UP SOLID**

50 Hook • 13 Length • 15 Breakpoint Shape  
Cover: Solid Reactive  
Box Finish: 4000 Abralon  
RG: 2.53 • RG Differential: 0.041

A controllable solid with a smooth downlane motion for most medium patterns.



**STORM** JUNE 2012

**TROPICAL HEAT HYBRID 4K**

50 Hook • 14.5 Length • 15 Breakpoint Shape  
Cover: Reactor Hybrid  
Box Finish: 4000 Abralon  
RG: 2.55 • RG Differential: 0.038

A very versatile hybrid, with a modified light-bulb core, for many medium patterns.



**HAMMER** APRIL 2012

**TNBA RHYTHM**

50.5 Hook • 14 Length • 15 Breakpoint Shape  
Cover: Grand Theft Reactive  
Box Finish: 800, 1k, 2k, 2k Abranet  
RG: 2.48 • RG Differential: 0.045

An aggressive solid reactive for medium-heavy oil volumes.



**MOTIV** DECEMBER 2012

**VENOM STRIKE**

53 Hook • 14 Length • 15 Breakpoint Shape  
Cover: Atomix Arc Solid  
Box Finish: 3000  
RG: 2.48 • RG Differential: 0.034

A slower-response solid for most light to medium oil volumes.



**LORD FIELD** MARCH 2012

**TORMENT**

47 Hook • 14.5 Length • 14.5 Breakpoint Shape  
Cover: Micro Burst  
Box Finish: 4000 Abralon  
RG: 2.51 • RG Differential: 0.044

A light- to medium-oil workhorse with a smooth-arcing breakpoint shape.



**COLUMBIA 300** JULY 2012

**VIOLENT ERUPTION**

50.5 Hook • 15 Length • 16 Breakpoint Shape  
Cover: New Era SF Plus  
Box Finish: 800, 1k, 2k, Polish  
RG: 2.46 • RG Differential: 0.040

Provides a low-RG skid/flip ball reaction on light to medium oil volumes.



**STORM**

APRIL 2012

**VIVID**

60 Hook • 12.5 Length • 16.5 Breakpoint Shape  
Cover: NRG Solid  
Box Finish: 2000 Abralon  
RG: 2.52 • RG Differential: 0.050



Storm's flagship NRG solid, with an aggressive breakpoint for heavier oil.



**900 GLOBAL**

AUGUST 2012

**WISDOM**

48 Hook • 16 Length • 15 Breakpoint Shape  
Cover: S65 Pearl  
Box Finish: Polished  
RG: 2.57 • RG Differential: 0.035



Excellent length, with a strong down-lane, hard-arcing finish.



**COLUMBIA 300**

JULY 2012

**WICKED ENCOUNTER**

57 Hook • 12 Length • 15 Breakpoint Shape  
Cover: Elastin 8.0 Hybrid  
Box Finish: 800, 1500 Abranet Soft  
RG: 2.5 • RG Differential: 0.052



Columbia 300's strongest-hooking hybrid for heavier-oiled lanes.



**HAMMER**

DECEMBER 2012

**WRENCH**

48 Hook • 16 Length • 15.5 Breakpoint Shape  
Cover: GTR III Reactive  
Box Finish: 800, 1k, 2k Polish  
RG: 2.5 • RG Differential: 0.052



A medium-oil specialist with a thunderous back-end motion.

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