RAM® MOUNTS
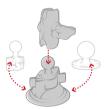## Marine

IntelliSkin®

GDS® TECH™

About RAM® Mounts

RAM® Mounts manufactures rugged and versatile mounting systems for cameras, tablets and other mobile devices that can be attached nearly anywhere. Unlike other mounts on the market, RAM® allows you to mount items where you need them most. The unique design of the RAM® Mounts system provides quick installation, adjustability, strength, vibration dampening and durability—all at a low cost. Backed by a lifetime warranty, RAM® uses powder-coated marine-grade aluminum with lightweight and high-strength composites, stainless steel hardware and rubber balls.

The RAM® Difference

Premium Design

The rubber ball and socket design of our mounting systems offers a secure hold, with near-infinite adjustability and vibration dampening for the most demanding environments. With thousands of components trusted by users around the world, we've been able to design and develop mounting solutions that consumers and companies previously only dreamed were possible.

Customizable

Take your phone mount from your truck to your boat, or mix and match components to create your ideal mount. Because of the modularity of the RAM® system, you can customize your solution to fit your specific needs in almost any application.

Quality Materials

A premium design deserves the highest quality materials available, from rubber and stainless steel to high-strength composites and marine-grade aluminum. Our facilities—including powder coating, die casting, rubber injection molding, and shock and vibration testing—help us deliver on this promise to bring you inventive mounting solutions.

Lifetime Warranty

It's simple. Our reputation as the leader of premier mounting systems means if we build it, then we guarantee it. We're confident in the quality of our products, and with our warranty, you can be too. Learn more [link: rammount.com/warranty] about our lifetime warranty.

Partner with RAM® Mounts

Here at RAM® Mounts, we believe that unfathomable things are possible with ingenuity. With a portfolio of over 5,000 SKUs paired with innovative engineers and in-house product experts, we have the tools and expertise needed to create solutions that you didn't know were possible. We have the ability to solve your mounting challenges quickly, efficiently and cost effectively.

No matter your company's size, you can trust RAM® Mounts to deliver ingenious solutions that do exactly what you need them to do on the water.
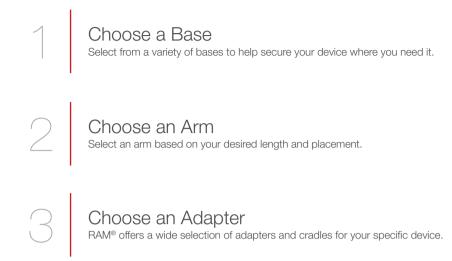
GARMIN®

HUMMINBIRD®

LOWRANCE®

LUND

MotorGuide®

Qwest PONTOONS

Raymarine® BY FLIR®

How It Works

1 Choose a Base
Select from a variety of bases to help secure your device where you need it.

2 Choose an Arm
Select an arm based on your desired length and placement.

3 Choose an Adapter
RAM® offers a wide selection of adapters and cradles for your specific device.

Device adapter

Absorbs shock and vibration

Arm

Highly adjustable

Base

Modular Solutions for Every Use

Slip Resistant

The marine-grade aluminum or composite arm provides a strong hold that reduces slip on the rubber ball

Guaranteed

RAM® Mounts offers a lifetime warranty on all mounting hardware

Vibration Dampening

The rubber ball absorbs the impact of the rough waves, providing shock and vibration dampening

Adjustable

With nearly 360 degrees of articulation, each product may be adjusted to any angle with the turn of a single knob

How It Works

Ball Size Selection Guide

Each ball size in the RAM® Mounts rubber ball and socket system supports a different amount of weight and withstands increasingly intense vibration. Use the guide below to determine the ideal size for your system based on your device weight and application. RAM® recommends moving up a ball size in environments with extreme shock and vibration.

B Size

- 1" Diameter Ball
- Holds up to 2 lbs
- Ideal for cup holders, cameras and other lightweight devices

C Size

- 1.5" Diameter Ball
- Holds up to 4 lbs
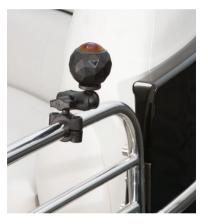- Ideal for tablets, fishing rods, medium fishfinders and chartplotters

D Size

- 2.25" Diameter Ball
- Holds up to 6 lbs
- Ideal for large fishfinders and chartplotters in extreme vibration and shock environments
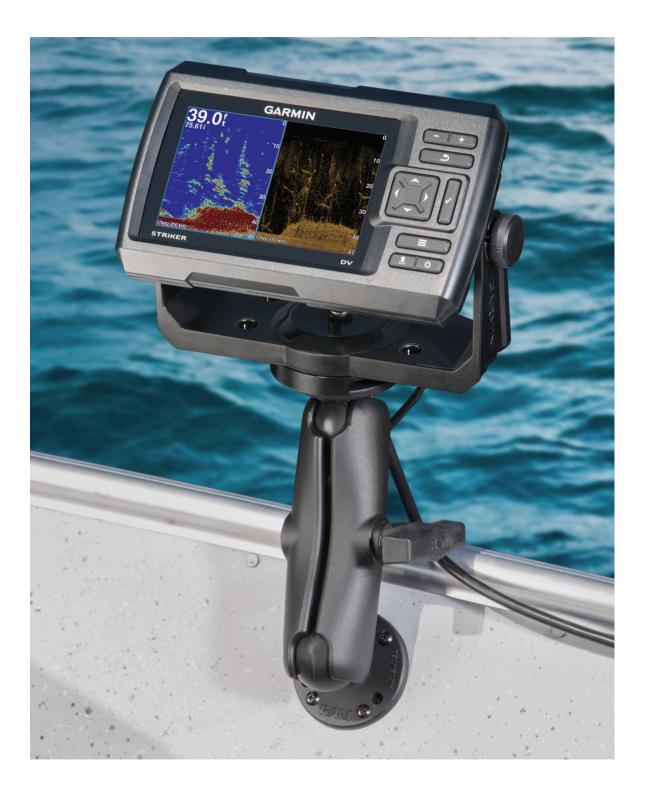
Table of Contents

Bases

Seen in this photo:
RAM-101-G4, Drill-Down Double Ball Mount for Garmin Fishfinders (shown with Garmin Striker 5)

Bases

Drill-Down Bases

The RAM® Mounts rubber ball is unique to the RAM® Mounts system. This innovative rubber ball delivers vibration dampening, anti-slip capabilities, nearly 360-degrees of adjustability and the ruggedness that the marine environment demands. The RAM® Mounts round bases are made out of marine-grade aluminum and are powder-coated to offer corrosion resistance for storage in salt and fresh water.

Part Number	Ball Size	Diameter	Hole Pattern	Material
RAM-B-202	1" (B)	2.5"	4-Hole AMPS	Marine-Grade Aluminum
RAM-202	1.5" (C)	2.5"	4-Hole AMPS	Marine-Grade Aluminum
RAM-D-202	2.25" (D)	3.68"	3-Hole 120-Degree	Marine-Grade Aluminum
RAP-202	1.5" (C)	2.5"	4-Hole AMPS	High-Strength Composite
RAP-B-202	1" (B)	2.5"	4-Hole AMPS	High-Strength Composite

RAM-B-202

RAM-202

RAM-D-202

Bases

Spline Post Bases

The RAM® Mounts post and spline bases deliver the ultimate hold for your rod holders, bait tables and other accessories. Secure the bases in place and the components can be positioned anywhere you need your gear.

Part Number	Description
RAM-114BM	Bulkhead vertical base
RAM-114BMP	Bulkhead/flat surface base
RAM-114FM	Flush base
RAM-114FMT	Round flush base
RAM-114RM	Rail mount adapter

RAM-114RM

RAM-114BM

RAM-114FM

RAM-114BMP

RAM-114FMT

Bases

RAM® Tough-Claw™

The RAM® Tough-Claw™ provides a flexible mount for round rails or flat edges. The T-shaped knob means that you do not need any tools to install, remove or transfer your mount. Simply loosen the knob, reposition and secure.

Part Number	Ball Size	Fits Rails
RAP-B-400	1" (B)	.625" - 1.5" diameter
RAP-B-404	1" (B)	1" - 1.875" diameter
RAP-B-401	1" (B)	1" - 2.25" diameter
*RAP-B-401LU	1" (B)	1" - 2.25" diameter
RAP-400	1.5" (C)	.625" - 1.5" diameter
RAP-404U	1.5" (C)	1" - 1.875" diameter
RAP-401U	1.5" (C)	1" - 2.25" diameter
*RAP-401LU	1.5" (C)	1" - 2.25" diameter

*Locking feature

RAM® Torque™

For round rails, the RAM® Torque™ Base provides a low-profile attachment with plastic inserts that protect your finish and deliver the ultimate hold. Simply attach the RAM® Torque™ Base around the railing of your boat to easily mount almost any device.

Part Number	Ball Size	Fits Rails
RAM-B-408-75-1	1" (B)	.75" - 1" diameter
RAM-B-408-112-15	1" (B)	1.125" - 1.5" diameter
RAM-408-75-1	1.5" (C)	.75" - 1" diameter
RAM-408-112-15	1.5" (C)	1.125" - 1.5" diameter
RAM-B-415-15-2	1" (B)	1" - 2.25" diameter
RAM-415-15-2	1.5" (C)	1.125" - 1.5" diameter

RAP-400

RAM-408-75-1

RAM® Tough-Track™

Seen in this photo:
RAM-TRACK-EXA-5,
5" Modular Aluminum RAM® Tough-Track™
RAP-B-354-TRA1,
1" (B) RAM® Track Ball™
RAM-B-201-C,
1" (B) Long Double Socket Arm
RAM-HOL-UN7B,
RAM® X-Grip® Phone Holder
RAM-B-201,
1" (B) Double Socket Arm
RAM-B-132B,
RAM® Level Cup™ Drink Holder

RAM® Dual T-Bolt Base for Spline Posts
*Compatible with any RAM® Tough-Track™

RAP-421

RAM® Track Ball™
*Compatible with any RAM® Tough-Track™

RAP-354-TRA1

RAM® Tough-Track™ & RAM® Hand-Track™

Using a track mounting system is a clean, clever and innovative way to mount devices. With the RAM® Tough-Track™, customize your system with a variety of track lengths and components—for both the modular aluminum and top-loading composite versions. The RAM® Hand-Track™ is an ideal track and handrail solution, and includes two top-loading end caps for attachment to a flat surface.

Modular Aluminum RAM® Tough-Track™

Overall Length	Inside Track Length	Part Number	Color
6"	3"	RAM-TRACK-EXA-3	Matte Silver
8"	5"	RAM-TRACK-EXA-5	Matte Silver
12"	9"	RAM-TRACK-EXA-9	Matte Silver
16"	13"	RAM-TRACK-EXA-13	Matte Silver
20"	17"	RAM-TRACK-EXA-17	Matte Silver
6"	3"	RAM-TRACK-EXA-3BU	Matte Black
8"	5"	RAM-TRACK-EXA-5BU	Matte Black
12"	9"	RAM-TRACK-EXA-9BU	Matte Black
16"	13"	RAM-TRACK-EXA-13BU	Matte Black
20"	17"	RAM-TRACK-EXA-17BU	Matte Black

◼ Matte Silver Color
RAM-TRACK-EXA-9

◼ Matte Black Color
RAM-TRACK-EXA-9BU

Top-Loading Composite RAM® Tough-Track™

Part Number	Overall Length	Inside Track Length
RAP-TRACK-A2	3.75"	2.43"
RAP-TRACK-A3	4.75"	3"
RAP-TRACK-A5	7"	5"
RAP-TRACK-A9	10.75"	9"
RAP-TRACK-A12	14.5"	12"
RAP-TRACK-A16	18.5"	16"

RAP-TRACK-A9

RAM® Hand-Track™

Part Number	Overall Length	Inside Track Length
RAM-TRACK-H4U	10"	4"
RAM-TRACK-H6U	12"	6"
RAM-TRACK-H8U	14"	8"
RAM-TRACK-H10U	16"	10"
RAM-TRACK-H12U	18"	12"
RAM-TRACK-H15U	21"	15"
RAM-TRACK-H18U	24"	18"
RAM-TRACK-H30U	36"	30"

RAM-TRACK-H10U

Modular Components

Part Number	Description
RAP-TRACK-EXA-CC90U	90-Degree Top-Loading Connector
RAP-TRACK-EXA-CCU	Center Top-Loading Connector

RAP-TRACK-EXA-CC90U

RAP-TRACK-EXA-CCU

RAM® Bond-A-Base™ with RAM® Tough-Track™

Part Number	Color	Inside Track Length
RAP-398-BLK-TRACK-A	Black	5.25"
RAP-398-GRY-TRACK-A	Grey	5.25"

RAP-398-BLK-TRACK-A

RAM® Hand-Track™ Extensions

Part Number	Track Length
RAM-TRACK-HC-4U	4"
RAM-TRACK-HC-6U	6"
RAM-TRACK-HC-8U	8"
RAM-TRACK-HC-10U	10"
RAM-TRACK-HC-12U	12"
RAM-TRACK-HC-15U	15"
RAM-TRACK-HC-18U	18"
RAM-TRACK-HC-30U	30"

RAM-TRACK-HC-6U

Arms

Seen in this photo:
RAM-107, Drill-Down Mount for Marine Electronics on a Bertram Yacht (shown with Lowrance HOOK 5)

Arms

Double Socket Arm Sizes

RAM® Mounts feature a double ball and socket system, providing modularity and adjustability. A RAM® arm is the connection between the mounting base and your device, and are available in multiple sizes.

B Size 1"

Part Number	Overall Length	Socket to Socket	Material
RAM-B-201-A	2.42"	1.75"	Marine-Grade Aluminum
RAP-B-201-A	2.42"	1.75"	High-Strength Composite
RAM-B-201	3.73"	3.00"	Marine-Grade Aluminum
RAP-B-201	3.73"	3.00"	High-Strength Composite
RAM-B-201-C	6.00"	5.31"	Marine-Grade Aluminum

C Size 1.5"

Part Number	Overall Length	Socket to Socket	Material
RAM-201-B	3.56"	2.50"	Marine-Grade Aluminum
RAP-201U-B	3.56"	2.50"	High-Strength Composite
RAM-201	5.69"	4.66"	Marine-Grade Aluminum
RAP-201U	5.69"	4.66"	High-Strength Composite
RAM-201-D	9.13"	8.00"	Marine-Grade Aluminum

D Size 2.25"

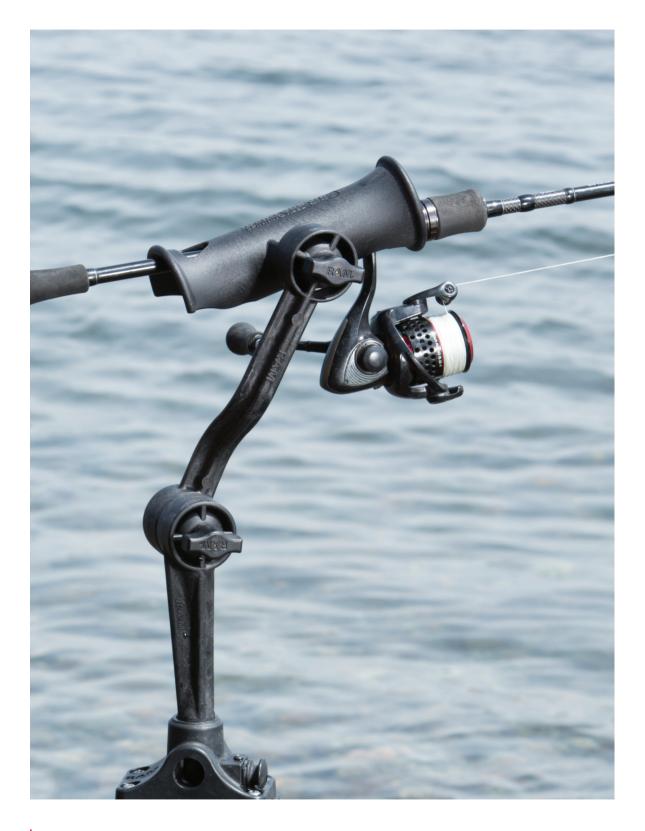| Part Number	Overall Length	Socket to Socket	Material
RAM-D-201U-C	5.10"	3.60"	Marine-Grade Aluminum
RAM-D-201U	8.44"	6.88"	Marine-Grade Aluminum
RAM-D-201U-E	12.98"	11.41"	Marine-Grade Aluminum

B Size
RAM-B-201

C Size
RAM-201

D Size
RAM-D-201U

Arms

Seen in this photo:
RAP-390, RAM® Tube Jr.™ with spline post
RAP-114-PAU, 8" ratchet arm
RAM-114BMP, bulkhead/flat surface base

Arms

RAM ROD® Post Extension Arm

Lift your fishing rod holder up off of your deck and easily enable the ideal position in tight spaces with this RAM ROD® extension arm. Made of high-strength composite, this 7.5" extension arm will help to ensure years of performance on the water.
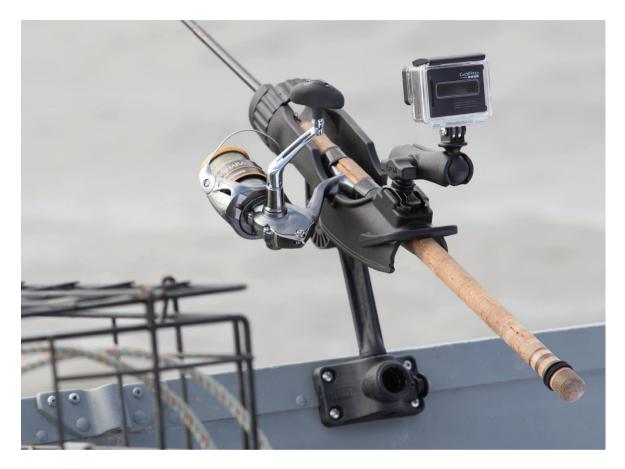
RAP-114-PAU

RAM ROD® Revolution Ratchet/Socket System & Spline Posts

For connecting to a 1.5" ball base, the RAM ROD® Revolution Ratchet/Socket System consists of a quick release spline post base and ratchet arm with single open socket. Tilt the spline post forward and back while also having the ability to rotate the arm 360-degrees. Choose from 2", 4" and 6" spline posts that are compatible with an assortment of RAM® spline post bases. The ratcheting feature allows for the connected rod holder to tilt forward and back so you can achieve the optimal angle.

RAP-114-RBU   RAP-114-P2U   RAP-114-P4U   RAP-114-P6U

Fishing Rod Holders

Seen in this photo:
RAP-433-BMP, RAM ROD® HD Rod Holder with bulkhead/flat surface base
RAP-B-GOP2-A-GOP1, GoPro® Adapter Mount with short arm

Capture video of your best catches with the RAM ROD® HD and JR. Both rod holders are compatible with the RAM® Ball Adapter for GoPro® Bases, allowing you to easily attach your action camera or even a RAM® X-Grip® to the top of the rod holder.

RAP-B-GOP2-A-GOP1U

RAP-B-GOP2-UN7U

Fishing Rod Holders

RAM ROD® HD & RAM ROD® JR Fishing Rod Holders

Made for heavy duty environments, the RAM ROD® HD features a rotating ring in the front that secures your fishing rod while trolling. The stop latch on the back can be locked into place to convert the rod holder into a tube style holder. For securing smaller fishing rods, the RAM ROD® JR has a flexible strap on the front of the holder.

RAM ROD® HD Kits

Part Number	Description
RAP-433	6" post (no base)
RAP-433-421	6" post with dual track base
RAP-433-BMP	6" post with plunger bulkhead/flat base

RAM ROD® JR Kits

Part Number	Description
RAP-434-NB	2" post (no base)
RAP-434-421	2" post with dual track base
RAP-434-BMP	2" post with plunger bulkhead/flat base
RAP-434-RBNB	Revolution post with 1.5" (C) socket (no base)
RAP-434-RB-TRA1	Revolution post with 1.5" (C) RAM® Track Ball™

RAP-433-BMP

RAP-434-BMP

RAP-433-421

RAP-434-421

Fishing Rod Holders

Seen in this photo:
RAM-117, Drill-Down Mount for the RAM ROD® 2000 Fishing Rod Holder on a Lund Boat

Fishing Rod Holders

RAM ROD® Fishing Rod Holders

A must-have for the fishing enthusiast, the RAM ROD® can support almost any spinning reel or baitcaster with an optional locking latch. The RAM ROD® offers a secure hold for rough waters while also offering quick removal of your rod. Compatible with any RAM® post and spline or ball and socket mounting systems.

Kits

Part Number	Description
RAM-114-B	Post with bulkhead base
RAM-114-F	Post with flush base
RAM-114-BMP	Post with plunger bulkhead/flat base
RAM-114-RB	Revolution post with 1.5" (C) ball base
RAP-114-PA-421	Ratchet arm with dual track base
RAM-117	Double ball mount

Holders

Part Number	Description
RAM-114-NB	6" Post
RAM-114-RBNB	Revolution post
RAM-117B-201U	Double socket arm
RAM-117B	1.5" (C) ball

RAM-114-RB

RAM-114-F

RAM-117

RAM-114-BMP

Fishing Rod Holders

RAM® Tube™ Holders

The RAM® Tube™ series consists of a large universal tube holder for securing most fishing rods for any environment. Available in kits with side ratchets, ball and socket components and spline post bases.

Kits

Part Number	Description
RAM-301-B	Post with bulkhead base
RAM-301-F	Post with flush base
RAM-301-RB	Revolution post with 1.5" (C) ball base
RAM-301-BMP	Post with plunger bulkhead/flat base
RAP-394-411	RAM® Tough-Tube™ with RAM® Track-Node™
RAP-394-418	RAM® Tough-Tube™ with ratchet track base
RAP-394-SSF	RAM® Tough-Tube™ with flush base
RAP-394-SSFMT	RAM® Tough-Tube™ with round flush base
RAP-394-SSBMP	RAM® Tough-Tube™ with plunger bulkhead/flat base
RAM-119	1.5" (C) ball and socket mount

Holders

Part Number	Description
RAM-301-NB	Post
RAM-301-RBNBU	Revolution post
RAP-394-SST	RAM® Tough-Tube™ post
RAM-119B	1.5" (C) socket arm

New

RAM-119   RAP-394-SSF   RAP-394-SSBMP   RAP-394-411

Fishing Rod Holders

RAM® Tube Jr.™ Holders

Lightweight and incredibly versatile, the RAM® Tube Jr.™ is made up of an open-ended tube for securing spinning reels on one end, and baitcasters on the opposite end. Various grooves and locking slots are integrated into this tube to secure any fishing rod in the most comfortable position for the user.

Kits

Part Number	Description
RAP-390-BU	Post with bulkhead base
RAP-390-421	Post with dual T-Bolt base
RAP-390-AAP	Post with RAM® Adapt-A-Post™ track base
RAP-390-BMP	Post with plunger bulkhead/flat base
RAP-390-F	Post with flush base
RAP-390-FMT	Post with round flush base
RAP-390-PA-418	Ratchet arm with track base
RAP-390-PA-421	Ratchet arm with dual track base
RAP-390-RB	Revolution post with 1.5" (C) ball base
RAP-390-RB-TRA1	Revolution post with RAM® Track Ball™
RAP-390-SAAPU	Short post with RAM® Adapt-A-Post™ track base
RAP-390-SBMP	Short post with plunger bulkhead/flat base
RAP-390-SBU	Short post with bulkhead base
RAP-390-SF	Short post with flush base
RAP-390-SFMTU	Short post with round flush base

Holders

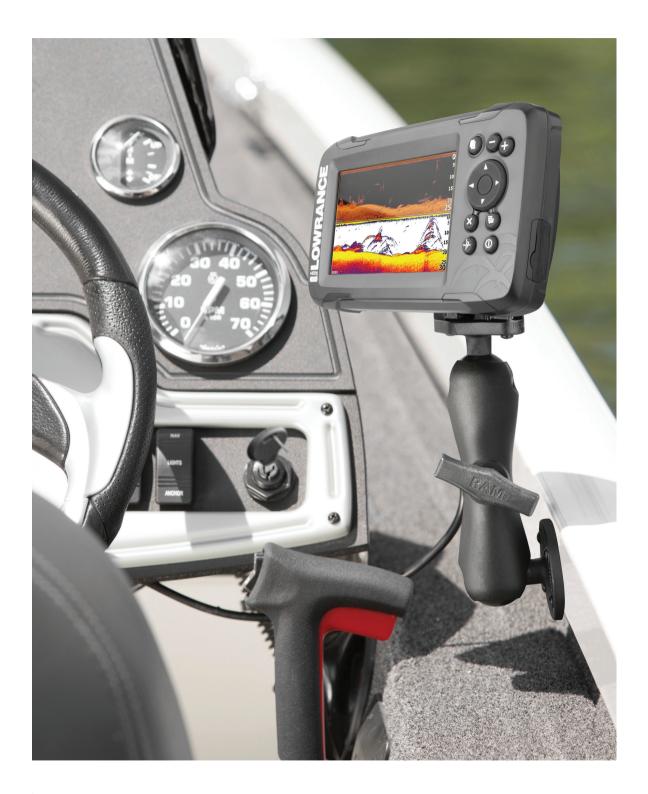| Part Number	Description
RAP-390	Post
RAP-390-RB-NB	Revolution post
RAP-390-STU	Short post

RAP-390-BMP   RAP-390-421   RAP-390-RB   RAP-390-RB-TRA1

Lowrance Mounts

Seen in this photo:
RAM-101-LO12, Drill-Down Mount (shown with Lowrance Hook² 5)

Lowrance Mounts

RAM® offers the most reliable mounting systems for your Lowrance marine electronics. For the Elite and HOOK series, a quick release ball integrates directly into the device to replace the factory gimbal bracket. And for the HDS-16 Carbon, RAM® offers the heavy duty D size (2.25") double ball mount with the RAM® Hi-Torq™ wrench for a secure hold.

Kits

Part Number	Ball Size	Compatible Device	Description
RAM-B-101-LO11	1" (B)	HOOK-3x, HOOK-4, Elite-4	Standard double ball mount
RAM-B-101-C-LO11	1" (B)	HOOK-3x, HOOK-4, Elite-4	Long double ball mount
RAM-B-107	1" (B)	HOOK-4, Elite-4	Standard double ball mount - gimbal plate
RAM-101-LO11	1.5" (C)	HOOK-5, Elite-5	Standard double ball mount
RAM-109H-2B-B-LO11	1.5" (C)	HOOK-5, Elite-5	Swing arm and double ball mount
RAM-B-101-LO12	1" (B)	HOOK2 4 & 4x	Standard double ball mount
RAM-B-LO12-354-TRA1	1" (B)	HOOK2 4 & 4x	RAM® Track Ball™ mount
RAM-101-LO12	1.5" (C)	HOOK2 5 & 5x	Standard double ball mount
RAM-D-111-C-KNOB9H	2.25" (D)	HDS-16 Carbon	Short double ball mount with RAM® Hi-Torq™ wrench

*see page 59 for all device compatibility

Ball Adapters

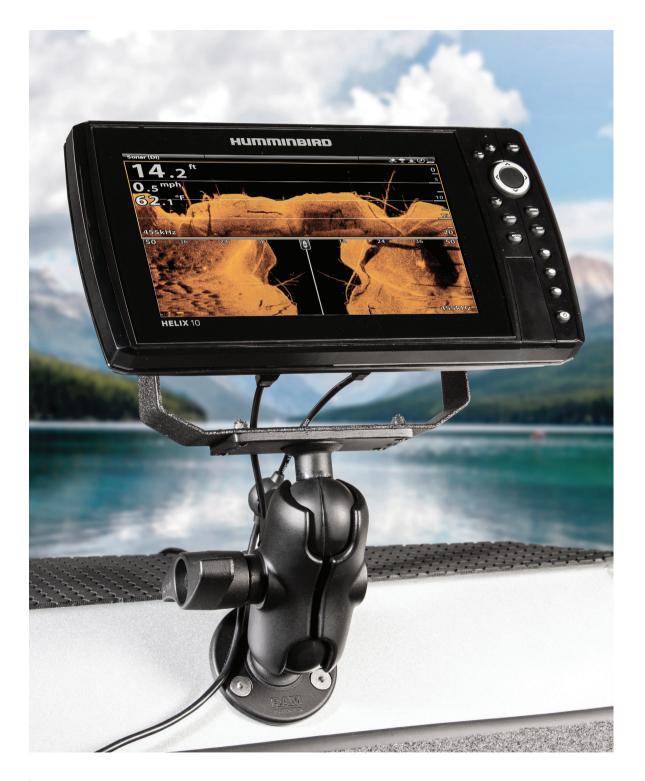| Part Number	Ball Size	Compatible Device
RAM-B-202-LO11	1" (B)	HOOK-3x, HOOK-4, Elite-4
RAM-B-107B	1" (B)	HOOK-4, Elite-4
RAM-202-LO11	1.5" (C)	HOOK-5, Elite-5
RAM-B-202-LO12	1" (C)	HOOK2 4 & 4x
RAM-202-LO12	1.5" (C)	HOOK2 5 & 5x
RAM-D-111BU	2.25" (D)	HDS Carbon 16

*see page 61 for drawings

See page 56 for cable manager

RAM-202-LO12

RAM-D-111BU

New

RAM-101-LO11

RAM-101-LO12
(Hook2 Series)

RAM-D-111-C-KNOB9H

Humminbird Mounts

Seen in this photo:
RAM-D-202-25-C-202, Drill-Down Mount (shown with Humminbird Helix 10)

Humminbird Mounts

No matter what Humminbird unit you may have, RAM® offers a wide range of different sizes and lengths of double ball and socket mounts that position your device securely at the optimal angle and in the perfect location.

Kits

Part Number	Ball Size	Compatible Device	Description
RAM-107	1.5" (C)	500 & 600 Series	Standard length mount
RAM-202-153-202	1.5" (C)	Helix 5	Standard length mount
RAM-202-153-B-202	1.5" (C)	Helix 5	Short length mount
RAM-202-24-202	1.5" (C)	Helix 7	Standard length mount
RAM-202-24-B-202	1.5" (C)	Helix 7	Short length mount
RAM-D-202-25-C-202	2.25" (D)	Helix 9, 10 & 12	Short length mount

*see page 59 for all device compatibility

Ball Adapters

Part Number	Ball Size	Hole Pattern
RAM-107B	1.5" (C)	1.88" x 1.88" 2.81" x 2.66"
RAM-202U-153	1.5" (C)	1" x 2.5"
RAM-202U-24	1.5" (C)	1.5" - 3.5"
RAM-D-202U-25	2.25" (D)	2.5" - 4.5"

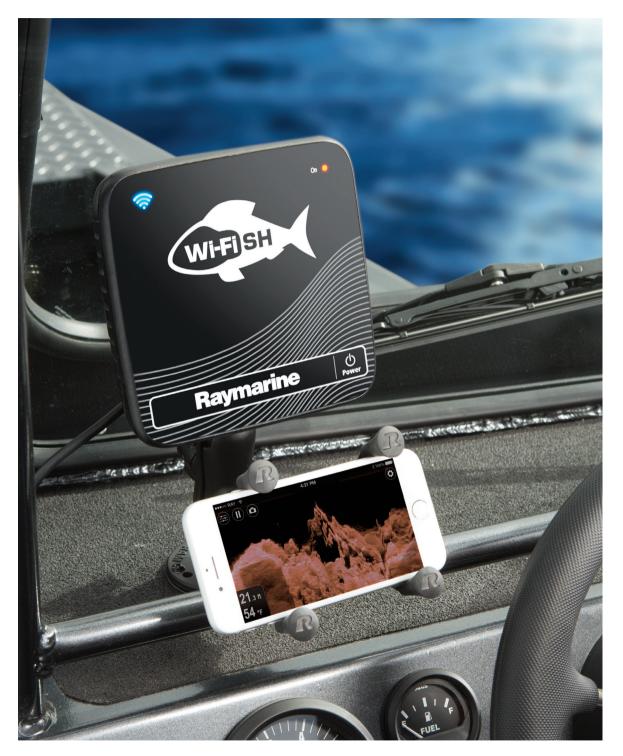*see page 61 for drawings

See page 56 for cable manager

RAM-107B

RAM-D-202U-25

RAM-107

RAM-D-202-25-C-202

Raymarine Mounts

Seen in this photo:
RAM-B-202-379-M616, Drill-Down Mount (shown with Raymarine Wi-Fish)
RAM-B-273, RAM® Add-A-Ball™ Adapter
RAM-B-201-A, 1" (B) Short Socket Arm
RAM-HOL-UN7B, RAM® X-Grip® Phone Holder (shown with Apple iPhone 6)

Raymarine Mounts

To accommodate the smaller Dragonfly and Wi-Fish devices, RAM® has developed custom mounting systems with a ball that threads directly into the head unit for a clean and secure install. Mount your Raymarine device virtually anywhere with standard drill-down kits or customize with any combination of ball and socket components.

Kits

Part Number	Ball Size	Compatible Device
RAM-B-202-379-M616	1" (B)	Dragonfly 4, 5 & Wi-Fish
RAM-101-RYM1	1.5" (C)	Dragonfly 6 & 7

*see page 59 for all device compatibility

Ball Adapters

Part Number	Ball Size
RAP-B-379U-M616	1" (B)
RAM-202U-RYM1	1.5" (C)

*see page 61 for drawings

RAP-B-379U-M616

RAM-202U-RYM1

RAM-B-202-379-M616

RAM-101-RYM1

Garmin Mounts

Seen in this photo:
RAM-101-G4, Drill-Down Mount (shown with Garmin Striker 5)

Garmin Mounts

Your Garmin electronics deserve only the best when it comes to rugged and reliable mounting. RAM® Mounts will keep your GPSMAP, echoMAP or Striker unit exactly where you want it, with vibration dampening to keep your fishfinder secure while on choppy waters.

Kits

Part Number	Ball Size	Compatible Device	Description
RAM-B-101-G4	1" (B)	Striker 4	Double ball mount with round plate
RAM-101-G4	1.5" (C)	echoMAP Chirp 42-55, GPSMAP 527 & 547	Double ball mount with round plate
RAM-137	1.5" (C)	GPSMAP 741	Double ball mount with 3" x 11" plate

*see page 59 for all device compatibility

Ball Adapters

Part Number	Ball Size	Plate Size
RAM-B-202-G4U	1" (B)	2.5" diameter
RAM-202-G4	1.5" (C)	2.5" diameter
RAM-137BU	1.5" (C)	3" x 11"

*see page 61 for drawings

See page 56 for cable manager

RAM-202-G4

RAM-137BU

RAM-101-G4

RAM-137

Universal Mounts

Seen in this photo:
RAM-111, Drill-Down Mount (shown with Garmin Striker 5dv)
RAP-403, Cable Manager

Universal Mounts

Standard Double Ball Mounts

The standard double ball and socket mount for marine electronics includes a 6.25" x 2" plate with a series of universal hole patterns for aligning a wide variety of fishfinder and chartplotter gimbal brackets. Typically recommended for up to 7" head units, these mounts will outlast the device itself as you upgrade to newer technology.

Kits

Part Number	Ball Size	Description
RAM-B-111	1" (B)	Standard double ball mount
RAM-111	1.5" (C)	Standard double ball mount
RAM-111-B	1.5" (C)	Short double ball mount
RAM-111-D	1.5" (C)	Long double ball mount

*see page 59 for all device compatibility

Ball Adapters

Part Number	Ball Size	Plate Size
RAM-B-111B	1" (B)	6.25" x 2"
RAM-111B	1.5" (C)	6.25" x 2"

*see page 61 for drawings

See page 56 for cable manager

RAM-111B

RAM-B-111B

RAM-B-111

RAM-111

Universal Mounts

Seen in this photo:
RAM-D-111, Drill-Down Mount (shown with Garmin echoMAP)

Universal Mounts

Heavy Duty Double Ball Mounts

The most robust mount in the marine industry, these heavy duty D size (2.25") double ball mounts hold almost any 10"-12" head unit. Offering the same adjustability as any other RAM® double ball and socket system, these mounts keep large fishfinders and chartplotters secure in the most extreme environments while out on the water.

Kits

Part Number	Ball Size	Description
RAM-D-111-C	2.25" (D)	Short double ball mount
RAM-D-111	2.25" (D)	Standard double ball mount
RAM-D-115	2.25" (D)	Standard double ball mount
RAM-D-115-C	2.25" (D)	Short double ball mount
RAM-D-115-C-KNOB9H	2.25" (D)	Short double ball mount with RAM® Hi-Torq™ Wrench
RAM-D-115-E	2.25" (D)	Long double ball mount

*see page 59 for all device compatibility

Ball Adapters

Part Number	Ball Size	Plate Size
RAM-D-111BU	2.25" (D)	3" x 11"
RAM-D-115BU	2.25" (D)	2" x 6.25"

*see page 61 for drawings

See page 56 for cable manager

RAM-D-111BU

RAM-D-115BU

RAM-D-111-C

RAM-D-115-C

Swing Arm Mounts

Seen in this photo:
RAM-109H, Swing Arm Mount (shown with Garmin echoMAP)

Swing Arm Mounts

The RAM® swing arm mount secures horizontally or vertically to any flat surface. With single or double swing arm kits available, these units have multiple pivot points that can swing your device to the optimal position on your boat. The 6.25" x 2" plate offers the same hole patterns as the standard double ball and socket mounts for marine electronics. The RAM-109V attaches to rails ranging from 3/4"-3" in diameter, using a U-bolt or strap clamp (not included).
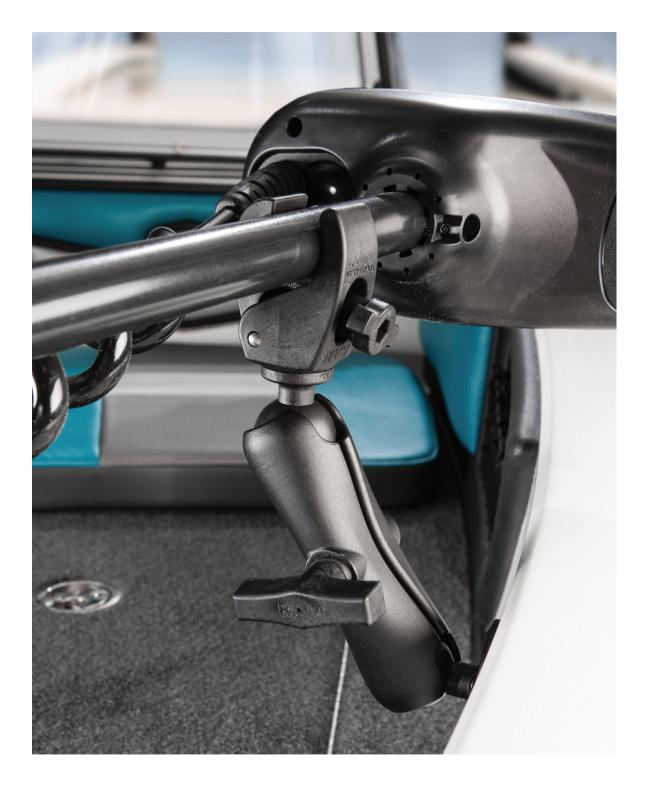
Kits		
Part Number	**Surface Type**	**Description**
RAM-109H	Horizontal	Single swing arm
RAM-109V	Vertical	Single swing arm
RAM-109H-1	Horizontal	Double swing arm
RAM-109V-1	Vertical	Double swing arm

*see page 59 for all device compatibility
*see page 61 for drawings

RAM-109V

RAM-109H-1

Trolling Motor Stabilizers

Seen in this photo:
RAP-400-202, Drill-Down Mount for the Trolling Motor Stabilizer

Trolling Motor Stabilizers

Keep your trolling motor from bouncing around or damaging your hull with our stabilizer kits. Consisting of a base, arm and either a RAM® Tough-Claw™ or strap clamp, this mount will anchor your motor in place and provide quick access when drifting into cover or trying to sight cast.

Kits

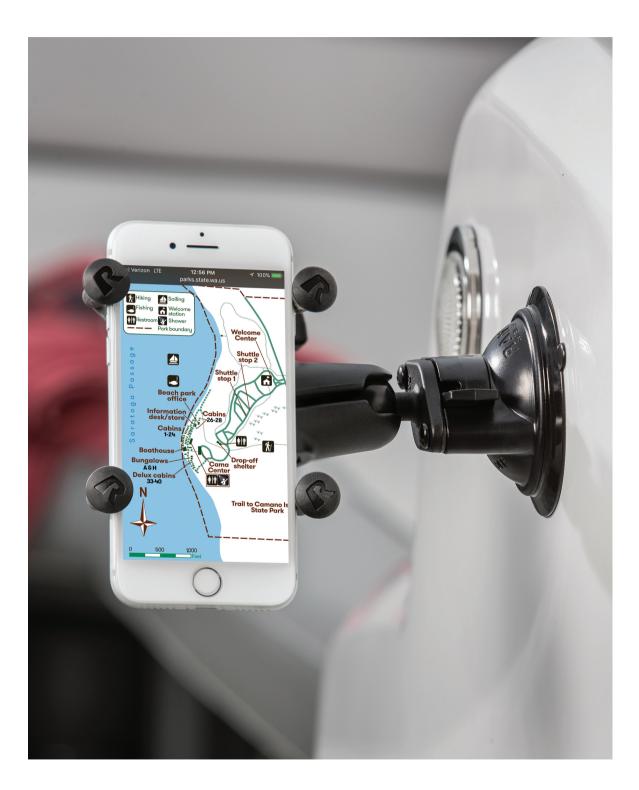| Part Number	Ball Size	Mount Type	Max Height	Clamp Range
RAP-400-202	1.5" (C)	RAM® Tough-Claw™ with standard arm	9.25"	.625" - 1.5" diameter
RAM-202-B-400	1.5" (C)	RAM® Tough-Claw™ with short arm	7.125"	.625" - 1.5" diameter
RAM-108	1.5" (C)	Strap clamp with standard arm	8.75"	1" - 2.1" diameter
RAM-108-D	1.5" (C)	Strap clamp with long arm	12"	1" - 2.1" diameter
RAM-108-BU	1.5" (C)	Strap clamp with short arm	6.625"	1" - 2.1" diameter

Ball Adapters

Part Number	Ball Size	Clamp Range
RAP-400	1.5" (C)	.625" - 1.5" diameter
RAM-108B	1.5" (C)	1" - 2.1" diameter

RAM-108B

RAP-400

RAM-108

RAP-400-202

Phone Mounts

Seen in this photo:
RAM-B-166-UN7, RAM® Twist-Lock™ Suction Cup Mount (shown with Apple iPhone 7)

Phone Mounts

The RAM® X-Grip® will keep your phone secure while out on the water. Suction your phone to your windshield, drill it to your console or clamp it to a rail—whatever fits your needs. Whether using your phone as a camera or operating a fishfinder app, your device will stay safe and accessible with a RAM® X-Grip®.

Kits

Part Number	Phone Size	Mount Type
RAM-B-166-UN7	Small phones	RAM® Twist-Lock™ suction cup - standard arm
RAM-B-166-A-UN7U	Small phones	RAM® Twist-Lock™ suction cup - short arm
RAM-B-138-UN7	Small phones	Drill-Down mount
RAP-B-378-UN7	Small phones	Flex adhesive mount
RAM-B-400-UN7	Small phones	RAM® Tough-Claw™ mount
RAM-B-166-UN10	Large phones	RAM® Twist-Lock™ suction cup - standard arm
RAM-B-166-C-UN10U	Large phones	RAM® Twist-Lock™ suction cup - long arm
RAP-B-378-UN10U	Large phones	Flex adhesive mount
RAM-B-138-UN10	Large phones	Drill-Down mount
RAM-B-400-C-UN10U	Large phones	RAM® Tough-Claw™ mount

Holders

Part Number	Ball Size	Phone Size
RAM-HOL-UN7B	1" (B)	Small Phones (up to 3.25" wide)
RAM-HOL-UN10B	1" (B)	Large Phones (up to 4.5" wide)

RAP-B-378-UN7

RAM-B-166-UN7

RAM-B-138-UN10

RAM-B-400-UN7

Tablet Mounts

Seen in this photo:
RAM-HOL-AP17U, RAM® EZ-Roll'r™ Cradle (shown with tablet)
RAM-B-101-C, Drill-Down Mount with long arm

Tablet Mounts

RAM® Mounts offers an assortment of tablet mounts for equipping your second station or offering a place to review charts in the main cabin or on the pedestal guard. The unique designs of the RAM® Tab-Tite™, RAM® X-Grip® and RAM® EZ-Roll'r™ can support virtually any size tablet with or without a case or sleeve. Pair with any RAM® double ball and socket mounting system for the best tablet accessory on the market.

Interchangeable end cups allow you to upgrade and future-proof your RAM® Tab-Tite™ without having to purchase a brand new tablet holder.

Holders

Part Number	Holder Type	Compatible Device
RAM-HOL-TAB20U	RAM® Tab-Tite™	9" - 10" tablets with case
RAM-HOL-TAB12U	RAM® Tab-Tite™	7" - 8" tablets with case
RAM-HOL-UN8B	RAM® Tab-Tite™	7" - 8" tablets
RAM-HOL-UN9U	RAM® X-Grip®	9" - 10" tablets
RAM-HOL-UN11U	RAM® X-Grip®	10" - 12" tablets
RAM-HOL-AP17U	RAM® EZ-Roll'r™	Apple iPad 5th & 6th Gen, Air 1-2 & Pro 9.7
RAM-HOL-AP20U	RAM® EZ-Roll'r™	Apple iPad mini 4
RAM-HOL-AP21U	RAM® EZ-Roll'r™	Apple iPad Pro 12.9
RAM-HOL-AP22U	RAM® EZ-Roll'r™	Apple iPad Pro 10.5
RAM-HOL-AP23U	RAM® EZ-Roll'r™	Apple iPad Pro 11"
RAM-HOL-AP24U	RAM® EZ-Roll'r™	Apple iPad Pro 12.9"
RAM-HOL-AP31U	RAM® EZ-Roll'r™	Apple iPad 7th Generation

*Visit rammount.com for more tablet mounting options

Mounts

Part Number	Ball Size	Max Height	Mount Type
RAM-B-101	1" (B)	5"	Drill-Down
RAM-B-101-C	1" (B)	7.313"	Drill-Down
RAM-101	1.5" (C)	7.35"	Drill-Down

RAM® Tab-Tite™ End Cups

Part Number	Compatible Device
RAM-HOL-TAB20-CUPSU	9" - 10" tablets with case
RAM-HOL-TAB21-CUPSU	7" tablets with case
RAM-HOL-TAB24-CUPSU	8" tablets
RAM-HOL-TAB29-CUPSU	7" - 8" tablets with case

RAM-HOL-AP21U

RAM-HOL-TAB20U

RAM-HOL-UN8B

IntelliSkin® with GDS®

Seen in this photo:
RAM-B-101U, Drill-Down Double Ball Mount
RAM-GDS-DOCK-V2-SAM16U, GDS® Vehicle Dock for the Samsung Tab A 8.0
RAM-GDS-SKIN-SAM16U, IntelliSkin® for the Samsung Tab A 8.0 (shown with Tablet)

IntelliSkin® with GDS®

IntelliSkin® is a protective sleeve with military-grade drop protection and features an integrated GDS® connector molded directly into the skin. Designed to protect your phone or tablet and prevent damage to your device's charging port, IntelliSkin® sleeves are compatible with a wide range of GDS® Docks that offer a universal charging and syncing platform. Compatible with popular devices from Apple, Samsung, and more.

RAM-GDS-DOCK-V2-AP8U   RAM-GDS-DOCKL-V2-SAM21U   RAM-GDS-DOCK-V1U

DROP TEST
PASSED
MIL-STD-810G

IntelliSkin® ·····················

GDS® Dock

IntelliSkin® with GDS®

Apple

Device	IntelliSkin®	Vehicle Dock	Compatible Ball
Apple iPad mini 4	RAM-GDS-SKIN-AP7	RAM-GDS-DOCKL-V2-AP7U	RAM-202U
Apple iPad (5th & 6th Gen)	RAM-GDS-SKIN-AP15	RAM-GDS-DOCKL-V2-AP8U	RAM-202U
Apple iPad Pro (10.5")	RAM-GDS-SKIN-AP16	RAM-GDS-DOCKL-V2-AP16U	RAM-202U
Apple iPad Pro 12.9 (1st & 2nd Gen)	RAM-GDS-SKIN-AP11U	RAM-GDS-DOCKL-V2-AP11U	RAM-202U
Apple iPad Pro 11"	RAM-GDS-SKIN-AP23	RAM-GDS-DOCKL-V2-AP23U	RAM-202U
Apple iPad Pro 12.9"	RAM-GDS-SKIN-AP24	RAM-GDS-DOCKL-V2-AP24U	RAM-202U
Apple iPad mini 5	RAM-GDS-SKIN-AP27	RAM-GDS-DOCKL-V2-AP27U	RAM-202U

Samsung Phone

Device	IntelliSkin®	Vehicle Dock	Compatible Ball
Galaxy J7 (2017)	RAM-GDS-SKIN-SAM32	RAM-GDS-DOCK-V1U	RAM-B-238U
Galaxy S8	RAM-GDS-SKIN-SAM28	RAM-GDS-DOCK-V1U	RAM-B-238U
Galaxy S9	RAM-GDS-SKIN-SAM39	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy J3 (2018)	RAM-GDS-SKIN-SAM44	RAM-GDS-DOCK-V1U	RAM-B-238U
Galaxy J7 (2018)	RAM-GDS-SKIN-SAM45	RAM-GDS-DOCK-V1U	RAM-B-238U
Galaxy Note 9	RAM-GDS-SKIN-SAM42	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy Xcover 4	RAM-GDS-SKIN-SAM37	RAM-GDS-DOCK-V1U	RAM-B-238U
Galaxy S10	RAM-GDS-SKIN-SAM46	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy S10e	RAM-GDS-SKIN-SAM47	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy S10+	RAM-GDS-SKIN-SAM48	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy Xcover 4s	RAM-GDS-SKIN-SAM51	RAM-GDS-DOCK-V1CU	RAM-B-238U
Galaxy A20e	RAM-GDS-SKIN-SAM53	RAM-GDS-DOCK-V1CU	RAM-B-238U

Samsung Tablet

Device	IntelliSkin®	Vehicle Dock	Compatible Ball
Galaxy Tab S2 9.7	RAM-GDS-SKIN-SAM19U	RAM-GDS-DOCKL-V2-SAM19U	RAM-202U
Galaxy Tab E 8.0	RAM-GDS-SKIN-SAM21	RAM-GDS-DOCKL-V2-SAM21U	RAM-202U
Galaxy Tab S3 9.7	RAM-GDS-SKIN-SAM27	RAM-GDS-DOCKL-V2-SAM27U	RAM-202U
Galaxy Tab Active2	RAM-GDS-SKIN-SAM29	RAM-GDS-DOCKL-V2-SAM29CU	RAM-202U
Galaxy Tab Active2	RAM-GDS-SKIN-SAM29H	RAM-GDS-DOCKL-V2-SAM29U	RAM-202U
Galaxy Tab A 8.0 (2017)	RAM-GDS-SKIN-SAM35	RAM-GDS-DOCKL-V2-SAM35U	RAM-238U
Galaxy Tab A 8.0 (2018)	RAM-GDS-SKIN-SAM40	RAM-GDS-DOCKL-V2-SAM40U RAM-GDS-DOCKL-V2-SAM40-AUD1U*	RAM-202U
Galaxy Tab S4 10.5	RAM-GDS-SKIN-SAM41	RAM-GDS-DOCKL-V2-SAM41U	RAM-202U
Galaxy Tab A 10.5 SM-T590 (Wi-Fi) SM-T597 (LTE)	RAM-GDS-SKIN-SAM43	RAM-GDS-DOCKL-V2-SAM43U RAM-GDS-DOCKL-V2-SAM43-AUD1U*	RAM-202U

* Vehicle Dock with Audio Cable

IntelliSkin® HD™ with GDS®

Device	IntelliSkin®	Vehicle Dock	Compatible Ball
Galaxy S9	RAM-GDS-SKIN-SAM39HD	RAM-GDS-DOCK-V1CU	RAM-B-238

Power Accessories

Choose from a variety of power options for your GDS® enabled devices and docks, including Step Down Converter Chargers, Cig Chargers, Wall Chargers and more.

Part Number	Charger Type	Input Range	Output	Output Connector Type	Compatible Devices
RAM-GDS-CHARGE-USB2W	2 port wall charger	100-240V 50/60Hz	5V/2.4A Per Port 24W Max	2 Qty USB-A Female	Any 5V device with a current requirement of 2.4A or less
RAM-GDS-CHARGE-USB2QCCIG	2 port cig charger with Quick Charge support	12-18VDC	Port 1: Quick Charge 3.0(18W) Port 2: 5V/2.4A (12W) 30W Max	2 Qty USB-A Female	Any 5V device with a current requirement of 2.4A or less
RAM-GDS-CHARGE-V7BU	USB Type-A hardwire	8-40VDC	5VDC & 9VDC (QC only) 2.5A Max	1.2M cable with USB-A Female	Any 5V device with a current requirement of 2.5A or less. Includes support of Apple iOS 2.1/2.4A devices and support for Qualcomm Quick Charge 2.0/3.0 devices
RAM-GDS-CHARGE-V7-M55U	DC cable hardwire	8-40VDC	5VDC 2.5A Max	1.2M cable with DC cable	Any 5V device with a current requirement of 2.5A or less
RAM-GDS-CHARGE-V7-MUSBU	mUSB hardwire	8-40VDC	5VDC & 9VDC (QC only) 2.5A Max	1.2M cable with Micro-B USB Male	Any 5V device with a current requirement of 2.5A or less. Includes support of Apple iOS 2.1/2.4A devices and support for Qualcomm Quick Charge 2.0/3.0 devices
RAM-GDS-CHARGE-V7-USBCU	USB Type-C hardwire	8-40VDC	5VDC & 9VDC (QC only) 2.5A Max	1.2M cable with USB-C Male	Any 5V device with a current requirement of 2.5A or less. Includes support for Qualcomm Quick Charge 2.0/3.0 devices
RAM-GDS-CHARGE-USB6	6 port charger	100-240V 50/60Hz	5V/2.4A Per Port 60W Max	6 Qty USB-A Female	Any 5V device with a current requirement of 2.4A or less
RAM-GDS-CHARGE-V3CU	USB Type-C hardwire	12-24VDC	5V/3A; 9V/3A; 12V/3A 37.5W Max	1.2 M cable with USB-C Male	Any device supporting Power Delivery 2.0 up to 36W
RAM-GDS-CHARGE-USBC2W	GDS® Type-C and Type-A 48W Premium 2-Port Wall Charger	100V-240V 50/60Hz	USB-A Output : 5V/3A, 9V/2A, 12V/1.5A. USB 2.0 BC 1.2 5V/1.67A	Apple iOS 2.1A and 2.4A support, Qualcomm QC 3.0 on both Type A and Type C up to 18W each. Type C Power Delivery 3.0:5V/3A, 9V/3A, 15V/2A, 20V/1.5A Max 48W (30W for Type-C & 18W for Type-A), 1 QTY Type-C Female (Power Delivery) & 1 QTY Type-A Female (QC 3.0), USB-A: Any 5V, 9V or 12V device with a current requirement of 18W or less. Includes support for Qualcomm Quick Charge 3.0 devices, Apple iOS 2.1A and 2.4A	USB-C: Devices supporting USB 3.1 Power Delivery 3.0 up to 20V/1.5A
RAM-GDS-CHARGE-USBCW	GDS® Type-C 18W Mini Wall Charger	100V-240V 50/60Hz	Type C QC 3.0 Output: 5V/3A, 9V/2A, 12V/1.5A	Type C Power Delivery 3.0 : 5V/3A, 9V/2A, 12V/1.5A, 15V/1.2A Max 18W @3A, 1 QTY Type-C Female (Power Delivery)	USB-C: Devices supporting USB 3.1 Power Delivery 3.0 and Qualcomm Quick Charge 3.0 up to 15V/1.2A
RAM-GDS-CHARGE-CIGC	GDS® Type-C and Type A 2-Port Cigarette Charger	12-24V DC	USB-A Output : 5V/3A, 9V/2A, 12V/1.5A. USB 2.0 BC 1.2 5V/1.67A, Apple iOS 2.1A and 2.4A support, Qualcomm QC 3.0 on both Type A and Type C up to 18W each. Type C Power Delivery 3.0:5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2A Max 63W (45W for Type-C & 18W for Type-A)	1 QTY Type-C Female (Power Delivery) & 1 QTY Type-A Female (QC 3.0), USB-A: Any 5V, 9V or 12V device with a current requirement of 18W or less. Includes support for Qualcomm Quick Charge 2.0 devices and Apple iOS 2.1A and 2.4A	USB-C: Devices supporting USB 3.1 Power Delivery 3.0 up to 20V/2A.
RAM-GDS-CHARGE-V3CAU	GDS® Hardwire Charger with USB Type C Male Connector and USB Type A Port	12V - 24V DC	5V- 15VDC 3A Max	Male Type-C with Female Type-A	Supports any USB-C Device that uses the USB 3.1 PD2.0 standard or higher, with max power up to 36W (5V/3A, 9V/3A, 12V/3A, 15V/2.5A)

RAM-GDS-CHARGE-USB2QCCIG   RAM-GDS-CHARGE-V7BU

Action Camera Mounts

Seen in this photo:
RAP-B-400-GOP1, RAM® Tough-Claw™ Mount for action cameras (shown with GoPro® HERO 4 Session)

Action Camera Mounts

Count on RAM® to connect to your favorite action camera, whether through the standard ¼"-20 thread or through the modern 2-prong action camera adapter. The unique double ball and socket design lets you position your camera at the perfect angle, keeping a steady frame while traveling at high speeds on rough waves. Secure your action camera using the RAM® Twist-Lock™ Suction Cup for glass and non-porous surfaces. For rails and bars, the RAM® Tough-Claw™, RAM® Torque™, or even a strap clamp option.

Kits

Part Number	Description	Clamp Range
RAM-B-166-GOP1	RAM® Twist-Lock™ Suction Cup, standard arm, action camera adapter	n/a
RAM-B-166-A-GOP1U	RAM® Twist-Lock™ Suction Cup, short arm, action camera adapter	n/a
RAP-B-224-A-379-252025	RAM® Twist-Lock™ Suction Cup, short arm, RAM® Tough-Ball™ 1/4"-20 threaded stud	n/a
RAP-B-400-GOP1	Small RAM® Tough-Claw™, 2-prong action camera adapter	.625" - 1.5"
RAM-B-408-75-1-A-GOP1U	Medium RAM® Torque™, 2-prong action camera adapter	.75" - 1"
RAM-B-408-112-15-A-GOP1U	Large RAM® Torque™, 2-prong action camera adapter	1.125" - 1.5"
RAM-B-108-GOP1	Strap clamp, 2-prong action camera adapter	1" - 2.1"

Ball Adapters

Part Number	Ball Size	Description
RAP-B-202-GOP1	1" (B)	2-prong action camera adapter
RAP-B-379-252025	1" (B)	RAM® Tough-Ball™ 1/4"-20 threaded stud

RAM-B-408-75-1-A-GOP1U

RAP-B-400-GOP1

RAP-B-224-A-379-252025

RAM-B-166-GOP1

Cup Holder Mounts

Seen in this photo:
RAP-B-417-400, RAM® Tough-Claw™ mount for beverage container

Cup Holder Mounts

RAM® Level Cup™

Available with a RAM® Tough-Claw™, RAM® Torque™ or strap clamp mount, this cup holder offers two independent self-leveling hinge points that freely swivel, keeping your beverage from spilling when you find yourself in any rough conditions. Ideal for cans and small drinks up to 16oz.

RAM® Level Cup™ XL

The self-leveling RAM® Level Cup™ XL keeps your beverages from spilling and integrates an adjustable height option for accommodating large drink sizes, such as tumblers and water bottles. Whether you have a Nalgene or Hydro Flask, the RAM® Level Cup™ XL will secure most 32oz containers.

Kits

Part Number	Description	Clamp Range
RAP-B-417-400	RAM® Level Cup™ XL with small RAM® Tough-Claw™ - low profile	.625" - 1.5"
RAM-B-408-75-1-A-417	RAM® Level Cup™ XL with medium RAM® Torque™ base	.75" - 1"
RAP-B-417-200-1-231Z-2NUBU	RAM® Level Cup™ XL with strap clamp	1.57" - 3.15"
RAM-B-132-400	RAM® Level Cup™ with small RAM® Tough-Claw™ - low profile	.625" - 1.5"
RAM-B-408-75-1-A-132U	RAM® Level Cup™ with medium RAM® Torque™ base	.75" - 1"
RAM-B-132R-2	RAM® Level Cup™ with strap clamp	1.57" - 3.15"

Holders

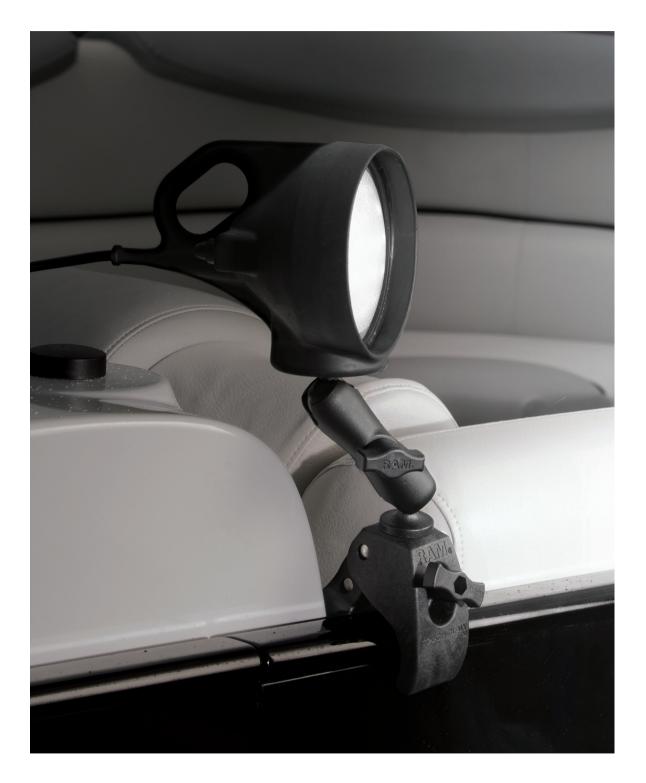| Part Number	Ball Size	Description
RAP-B-417B	1" (B)	RAM® Level Cup™ XL
RAP-417B	1.5" (C)	RAM® Level Cup™ XL
RAM-B-132B	1" (B)	RAM® Level Cup™

RAM-B-132-400

RAP-B-417-400

RAM-B-132R-2

RAM-B-408-75-1-A-417
* koozie not shown but included

LED Spotlight

Seen in this photo:
RAM-B-152-404, RAM® Tough-Claw™ Mount with LED Spotlight

LED Spotlight

The RAM® LED Spotlight integrates a powerful LED bulb that yields a bright and efficient light, while lowering powerdraw from your boat. The weather-resistant body and 12V cord means you can mount the light from nearly any location. When not mounted, the handle allows for full control. In case of a drop, the rubber housing is waterproof and the LED Spotlight will float in water.

Kits

Part Number	Description	Clamp Range
RAM-B-152	Drill-Down mount	n/a
RAM-B-152-404	RAM® Tough-Claw™ mount	1" - 1.875"
RAM-B-152-231Z-2	Strap clamp mount	1.57" - 3.15"

Spotlight Specifications

Part Number	Ball Size	Bulb Specifications	Power Cable	Hardwire Cable	Replacement Bulb
RAM-B-152B	1" (B)	30-degree spotlight 4500K color temp	10' long coiled with 12V DC cigarette plug	12" long with 2 ring terminals, female cigarette plug	RAM-B-152-BULB

RAP-B-152-404

RAM-B-152-231Z-2

Accessories

Seen in this photo:
RAM-D-111, Drill-Down Mount for Marine Electronics (shown with Garmin echoMAP)
RAM-KNOB9H, RAM® Hi-Torq™ Wrench

RAM® Hi-Torq™ Wrench

Get the extra leverage needed to secure D size RAM® components with the RAM® Hi-Torq™ wrench. Built to secure heavy duty mounts and easy to use while wearing bulky gloves, the RAM® Hi-Torq™ wrench is a great tool to have on-board.

RAM-KNOB9H

Seen in this photo:
RAM-D-111-C, Drill-Down Mount for Marine Electronics
RAM-KNOB9H, RAM® Hi-Torq™ Wrench

Accessories

RAM® Pin-Lock™ Security Knob

The RAM® Pin-Lock™ utilizes a special keyed knob to help deter theft and add extra security for your RAM® mounting system and devices. The RAM® Pin-Lock™ is available in different styles to lock double socket arms, swing arms and gimbals.

Part Number	Fits
RAP-S-KNOB3	B-size arms
RAP-S-KNOB5	C-size arms
RAM-KNOB3L	B-size arms
RAM-KNOB5L	C-size arms
RAP-S-KNOB-109	Swing arms
RAP-S-KNOB-109-1	Double swing arms
RAP-S-NUT5	D-size arms
RAP-S-KNOBG	Gimbal brackets
RAP-S-KNOB3-G	Gimbal brackets and B-size arms
RAP-S-KNOB5-G	Gimbal brackets and C-size arms
RAP-S-NUT5-G	Gimbal brackets and D-size arms
RAP-S-KNOBG-109	Gimbal brackets and swing arms
RAP-S-KNOBG-109-1	Gimbal brackets and double swing arms

RAP-S-KNOB5

RAP-S-NUT5

RAP-S-KNOBG-109

RAP-S-KNOBG-109-1

Cable Manager

Route cables and wires cleanly from your devices. A great integration with round base plates, the cable manager also helps to reduce vibration by creating a barrier between the base plate and the surface area.

RAP-402

RAP-403

Part Number	Compatible with	Cable Slot Height	Cable Slot Width	Max. Mounting Surface Thickness
RAP-403	1" (B) and 1.5" (C) ball bases with the AMPS hole pattern	.56"	.7"	.68"
RAP-402	2.25" (D) ball bases with the 3-hole 120-degree pattern	.45"	.95"	1.47"

*see page 59 for all device compatibility

Seen in this photo:
RAP-403, cable manager

Accessories

RAM® Stack-N-Stow™ Bait Board

Keep your tools, knives, and bait handy with the RAM® Stack-N-Stow™ Bait Board. Made of high-strength composite, the Bait Board is durable and rugged. Integrated lure storage on the sides and magnets in the tray secure tools and other objects. Utilize a variety of items with the ample amount of external mounting options available—from a handheld GPS, phone, action camera to even a drink. The RAM® Wedge-Lock™ mount base allows you to move your item into one of six wedge slots and swap them out without tools. The ball base kit allows you to add a ball to the corners for the use of the double socket arm mounting options shown below.

RAP-B-202-GOP1
RAP-B-201
RAP-395T-BBU

RAP-HOL-UN10B-201U
RAP-395T-BBU

RAP-395W-132U

RAP-395WU

RAP-395U

Part Number	Description
RAP-395U	RAM® Stack-N-Stow™ bait board with AMPS 4-hole pattern
RAP-395-RMU	RAM® Stack-N-Stow™ bait board with 3" long spline post and bulkhead rail adapter
RAP-395-BMPU	RAM® Stack-N-Stow™ bait board with 3" long spline post and bulkhead/flat surface base and plunger
RAP-395T-BBU	Topside base with 1" (B) ball
RAP-395T-BCU	Topside base with 1.5" (C) ball
RAP-395W-132U	Side RAM® Wedge-Lock™ Level Cup™ drink holder
RAP-395WU	Side RAM® Wedge-Lock™

Accessories

Rail Adapters

Utilize the post and spline system or any of the 2.5" round bases with these rail adapter accessories.

RAM-114RM

RAM-233

Part Number	Fits	Compatible Components
RAM-114RM	7/8" - 1" diameter rails	RAM-114BM and RAM-114BMP
RAM-233	.75" - 1" diameter rails	RAM-202 and RAM-B-202

RAM® Mari-Rivet™ and RAM® Mari-Nut™

When mounting to your boat, sometimes you have the need for a blind hole mount. RAM® offers the RAM® Mari-Rivet™ for a permanent mount. Suited for material 1/16" to 1/4" thick, this is a great mounting option for fiberglass, plastic and metal mounting locations. The RAM® Mari-Nut™ allows for a non-permanent and light duty way to mount to blind holes.

RAM-MARI-RIVET-4

RAM-MARI-NUT-4

Part Number	Compatible Components	Grip Thickness	Hole Size Required
RAM-MARI-RIVET-4	Ball bases with 4 holes	1/16" - 1/4"	7/32"
RAM-MARI-NUT-4	Ball bases with 4 holes	3/100" - 23/100"	3/8"

Compatibility Chart

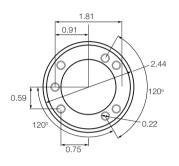| Part Number	Humminbird Helix 5	Humminbird Helix 7	Humminbird Helix 9, 10 & 12	Humminbird PiranhaMAX Series	Humminbird 500 Series	Humminbird 600 Series	Humminbird 800 Series	Humminbird 900 Series	Humminbird 1100 Series	Humminbird Onix Series	Humminbird Solix Series	Garmin Striker 4 & Striker Plus 4	Garmin Striker 5 & Striker Plus 5	Garmin Striker 7 & Striker Plus 7	Garmin Striker Plus 9	Garmin echoMAP Chirp 42-55 Series	Garmin echoMAP Chirp 72-95 Series	Garmin GPSMAP 527	Garmin GPSMAP 547	Garmin GPSMAP 722xs	Garmin GPSMAP 741/xs	Garmin GPSMAP 742xs	Garmin GPSMAP 840xs	Garmin GPSMAP 922xs	Garmin GPSMAP 942xs	Garmin GPSMAP 1020xs	Garmin GPSMAP 1040xs	Garmin GPSMAP 1222/xs Touch	Garmin GPSMAP 1242/xs Touch	Garmin GPSMAP 7607	Garmin GPSMAP 7608	Garmin GPSMAP 7610	Garmin GPSMAP 7612	Garmin GPSMAP 7407	Garmin GPSMAP 7408	Garmin GPSMAP 7410	Garmin GPSMAP 7412
RAM-B-101-G4												•																									
RAM-101-G4																•		•	•																		
RAM-111													•	•						•	•	•								•	•			x	x		
RAM-D-111-C															x								•			•	•	•	•			•	•			•	•
RAM-D-111-C-KNOB9H																																					
RAM-D-115-C							•	•	•								•	•						•	•												
RAM-B-107																																					
RAM-B-107-1			•																																		
RAM-107				•	•																																
RAM-101-LO11																																					
RAM-101-LO12																																					
RAM-202-153-202	•																																				
RAM-202-24-202		•																																			
RAM-D-202-25-C-202			•							•																											
RAM-101-RYM1																																					
RAM-B-202-379-M616																																					
RAM-109H			•				•	•	•		•		•	•	•		•			•	•	•		•	•					•	•			x	x		
RAM-109H-1			•				•	•	•		•		•	•	•		•			•	•	•		•	•					•	•			x	x		
RAM-109V			•				•	•	•		•		•	•	•		•			•	•	•		•	•					•	•			x	x		
RAM-109V-1			•				•	•	•		•		•	•	•		•			•	•	•		•	•					•	•			x	x		

X= Mounting plate will require modification to fit this device

Compatibility Chart

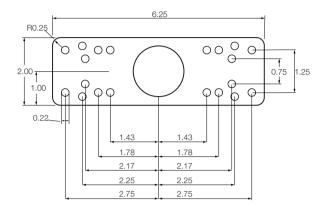| Part Number	Lowrance Elite-4	Lowrance Elite-5 CHIRP	Lowrance Elite-5 CHIRP Gold	Lowrance Elite-5 Ti	Lowrance Elite-7 CHIRP	Lowrance Elite-7 Ti	Lowrance Elite-9 CHIRP	Lowrance Elite-12 Ti	Lowrance HDS Carbon 7	Lowrance HDS Carbon 9	Lowrance HDS Carbon 12	Lowrance HDS Carbon 16	Lowrance HOOK-3x	Lowrance HOOK-4	Lowrance HOOK-5	Lowrance HOOK-7	Lowrance HOOK-9	Lowrance HOOK^2 4 & 4x	Lowrance HOOK^2 5 & 5x	Lowrance HOOK^2 7 & 7x	Lowrance HOOK^2 9	Lowrance HOOK^2 12	Raymarine A65	Raymarine Axiom 7	Raymarine Axiom 9	Raymarine Axiom 12	Raymarine Dragonfly 4, 5 & Wi-Fish	Raymarine Dragonfly 7 PRO	Raymarine Dragonfly 6 & 7	Marine Accessories	RAM-KNOB9H	RAP-S-KNOB3	RAP-S-KNOB5	RAP-S-KNOB5-G	RAP-S-NUT5	RAP-S-NUT5-G	RAP-S-KNOBG-109	RAP-S-KNOBG-109-1	RAP-402	RAP-403
RAM-B-101-G4																															•									•
RAM-101-G4																																•								•
RAM-111																																•	•							•
RAM-D-111-C					•	•			•	•														•	•	•	•	•			•					•	•			•	
RAM-D-111-C-KNOB9H													x																							•	•			•	
RAM-D-115-C				•					•						•	•			•	•																				
RAM-B-107	•														•																•									•
RAM-B-107-1																															•									•
RAM-107		•	•	•	•											•															•									•
RAM-101-LO11	•	•	•	•	•										•	•	•														•									•
RAM-101-LO12																			•	•																				
RAM-202-153-202																																•	•							•
RAM-202-24-202																																•	•							•
RAM-D-202-25-C-202																															•				•	•			•	
RAM-101-RYM1																												•			•									•
RAM-B-202-379-M616																											•	•			•									•
RAM-109H				•					•						•	•			•	•																			•	
RAM-109H-1				•					•						•	•			•	•																				•
RAM-109V				•					•						•	•			•	•																			•	
RAM-109V-1				•					•						•	•			•	•																				•

X= Mounting plate will require modification to fit this device
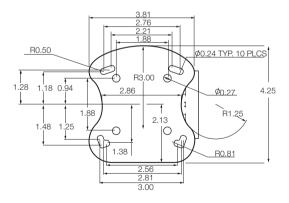
Drawings Section

RAM-202

For: RAM-B-202, RAM-202, RAM-B-202-G2, RAM-202-G2U, RAM-B-202-G4U, RAM-202-G4, RAM-B-202-RYM1, RAM-202U-RYM1, RAM-B-101-G4, RAP-B-101U-G4, RAM-101-G4, RAM-101-RYM1 and RAM-B-101-RYM1
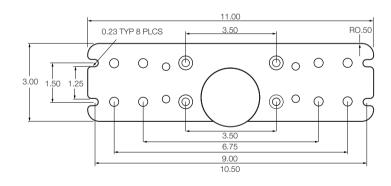

RAM-111B

For: RAM-109H, RAM-109V, RAM-109H-1, RAM-109V-1, RAM-111B, RAM-111-B, RAM-111, RAM-111-D, RAM-D-115, RAM-D-115-C, RAM-D-115-E
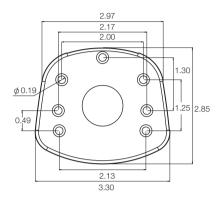

RAM-107B
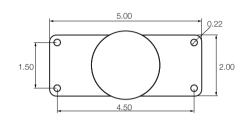
For: RAM-B-107B, RAM-107B, RAM-B-107, RAM-107

RAM-D-111BU

For: RAM-137BU, RAM-D-111BU, RAM-D-111-C, RAM-D-111, RAM-D-111-C-KNOB9H, RAM-D-111-KNOB9H, RAM-137
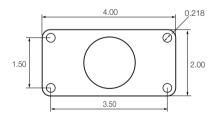
RAM-B-107-1B

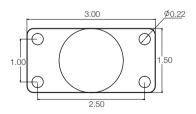For: RAM-B-107-1B, RAM-B-107-1

RAM-202U-25

For: RAM-202U-25, RAM-D-202U-25,
RAM-D-202-25-C-202

RAM-202U-24

For: RAM-B-202U-24, RAM-202U-24,
RAM-202-24-B-202, RAM-202-24-202

RAM-202U-153

For: RAM-B-202-153, RAM-202U-153,
RAM-202-153-B-202, RAM-202-153-202

The Shape That Started It All

RAM® double socket arms with their distinctive Hourglass Shape are recognized globally as a symbol of the reliability, quality and durability of this line of products. The Hourglass Shape is a registered trademark of National Products Inc.

The unique RAM® Mounts system offers a full line of interchangeable mounting bases, extensions, device adapters and accessories to secure your gear where you want it. See all of the innovative products and solutions RAM® manufactures at rammount.com.

The distinctive RAM® "X-Grip®" product shape is a trademark of National Products Inc.

The distinctive "D" product shape of the GDS® connector is a trademark of National Products Inc.