



## MOUNTS



PRODUCTS FOR A  
GROWING WORLD  
OF TECHNOLOGY



## MOUNTS

### FOR TODAY'S COMMUNICATION NEEDS

Not only can ROHN provide you with towers and poles to meet the stringent demands of today's communication industry, we can also provide the mounts and fittings needed to complete the project. ROHN offers many different models of mounts suitable for Satellites, Cellular and PCS applications, as well as mounts for amateur radio and television. The three categories of mounts offered by ROHN are Non-Penetrating Roof Mounts, Commercial Mounts and Residential Mounts.

ROHN manufactures roof and wall mounts for large aperture satellite antennas, including non-penetrating roof mounts for antennas up to 3 meters in diameter. ROHN also manufactures a complete line of towers and mounts for UHF-VHF home TV antennas. Mounts include tripods, telescoping masts, and various wall mounts.

## ROHN QUALITY

ROHN Mounts are all designed and engineered to handle the job of getting above ground interference. Each mount has been researched and developed to serve a specific purpose. With professionally engineered construction and Hot Dip Galvanizing after construction, you can be assured you're getting a virtually maintenance free product built to the highest standards. And because of our Hot Dip Galvanizing after fabrication, our mounts won't rust.



# GENERAL ASSEMBLY INFORMATION

## ROOF MOUNTS

Select a location on your roof where all Tripod or Quadpod feet are over rafters. Use lag screws of sufficient length to go through the roof surfacing material and into the rafter. A minimum of two lag screws per foot is required. If a rafter is not available, additional reinforcement should be added under the roof surface for support. Do not attach feet to roof surface only. Apply roofing compound under and around the feet for moisture sealing. Under no circumstances should anyone attempt to climb upon a Tripod or a Quadpod.

## WALL MOUNTS

Select a location where braces will attach to a structural member (wall stud, sill plate, etc). Use lag screws of sufficient length to go through the wall sheathing and or siding and into the structural member. Apply sealant as required for moisture protection.

## FACIA MOUNTS

Make certain your fascia is capable of supporting the loads created by your antenna and mount installation. Select a location where the braces will attach to a structural member. Use lag screws of sufficient length to go through the fascia and any other sheathing or siding and into the structural member. Upper and lower brackets should be spaced far enough apart to support loads created by the antenna and mast.

## MAST LENGTH

Do not attach any mast over 10 feet in length without using guys in three or four directions.

## ANTENNA LOAD

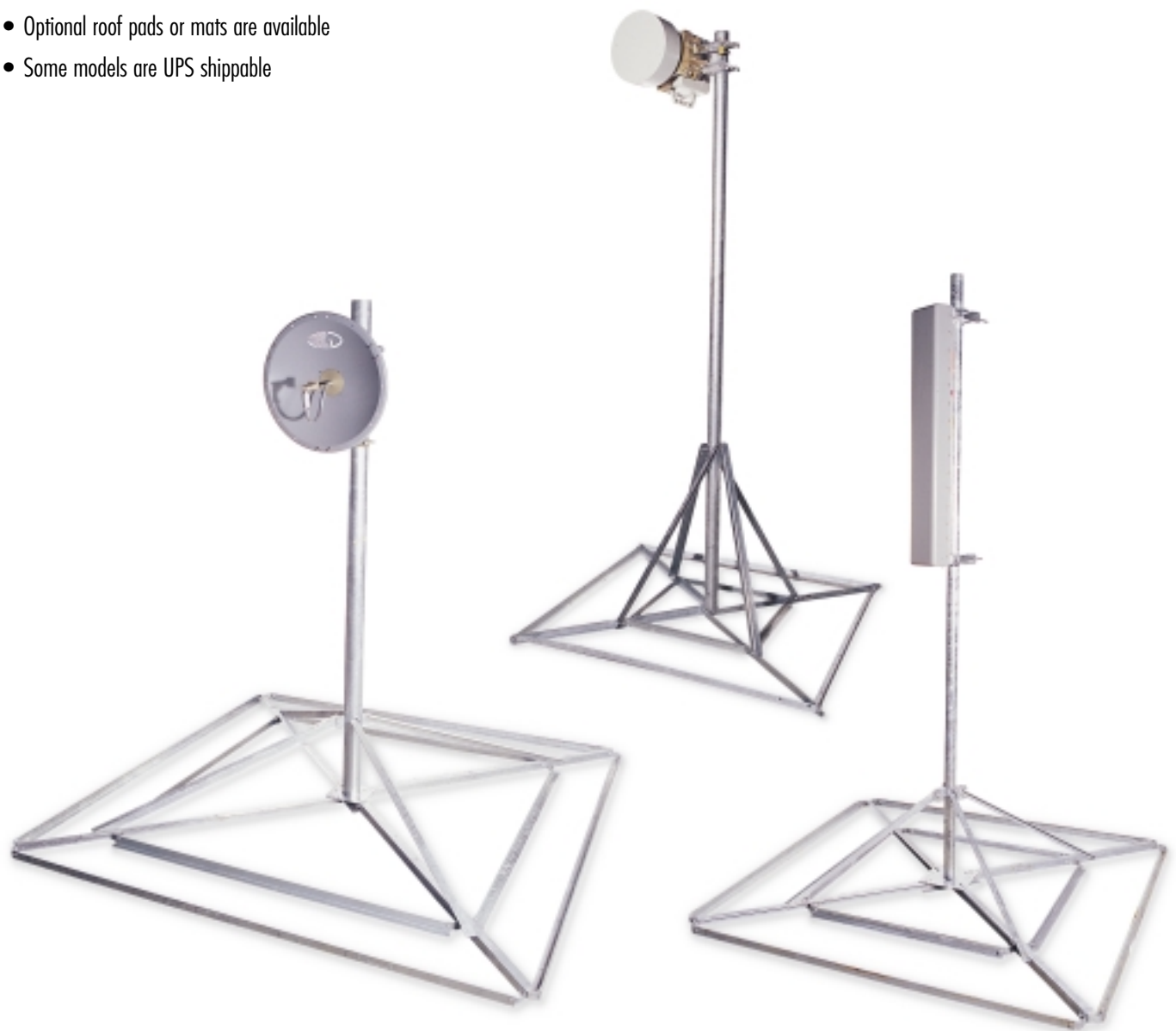
Any antenna over 2 square feet in size mounted within 10 feet of mast must be guyed.



# NON - PENETRATING ROOF MOUNTS

ROHN's Non-Penetrating Roof Mounts are designed for PCS, Wireless Cable, DBS, and UHF/VHF reception, etc. Features include:

- No penetration on roof surface
- Galvanized for corrosion protection
- Designed for concrete block ballast
- Varied mast heights are available
- Varied mast pipe O.D.'s are available
- Goes together quickly
- Minimum of bolted connections
- Engineering ballast tables available
- Optional roof pads or mats are available
- Some models are UPS shippable







# COMMERCIAL MOUNTS

## ROOF MOUNT-TRT AG2

The ROHN TRT AG2 is a heavy duty, commercial quality roof mount. Features include:

- 5' total effective height
- Shipped completely knocked-down for easy assembly in remote areas
- Extra length adjustable base feet for wide range of mounting conditions (anchor bolts not included) drilled to accept  $\frac{3}{8}$ " anchors
- Heavy duty steel construction
- Hot Dip Galvanized after fabrication
- 2 $\frac{3}{8}$ " O.D. mast pipe extending approximately 12" above apex
- Ideal mount to include in antenna packages
- UPS shippable



## THE HOUSE BRACKET UNIT POLE MOUNT

The ROHN HBUPMTVRO is an inexpensive alternative to elaborate ground or yard mounts. In just three easy steps, the HBUPMTVRO can be mounted to the side or end of a building, and it can be fastened to the roof with an optional Roof Mounting Kit.

Capable of receiving up to 5" O.D. maximum, optional ROHN TVRO Mounting Poles, and utilizing the ROHN TVRO ground base, your selected antenna will be elevated above common ground mounted interference hazards. Additional features include:

- Hot Dip Galvanized after fabrication
- Will support most TVRO, PCS, Cellular and Microwave antennas
- Optional Roof Mounting Kit
- Easy three-step installation
- Model: HBUPMTVRO
- Adjustable from 0"-36" out from wall
- UPS shippable



## THE POLE SUPPORT MOUNT

The ROHN Pole Support Mount (PSM) can be mounted to the side or end of a building in easy one-step installation. Capable of receiving all sizes of the optional ROHN TVRO mounting poles and utilizing the ROHN TVRO ground base, your TVRO antenna will be elevated above common ground mounting hazards like trees, bushes, houses, etc... Additional features include:

- Hot Dip Galvanized after fabrication
- Will support most TVRO, PCS, Cellular and Microwave antennas
- Easy one-step installation
- Model: PSM
- UPS shippable



## THE POLE WALL MOUNT

The ROHN Pole Wall Mount (PWM) is designed to support most Satellite, PCS, Cellular or Microwave antennas. With the use of 5' - 7' pipe, the ROHN PWM can be located so antenna and electronics can be easily reached and the pipe distance from the wall adjusts as needed. Additional features include:

- Hot Dip Galvanized after fabrication
- Accepts up to a 5½" O.D. pipe
- Optional mounting hardware and pipe available
- Ideal for a variety of antennas
- Easy to reach antenna from rooftop
- Model: PWM
- UPS shippable



## WALL MOUNTS

The ROHN Wall Mount (WM212) is designed to support most Satellite, PCS, Cellular, or Microwave type antennas. The ROHN WM212 can be located so antenna and electronics can be easily reached and the pipe distance from the wall adjusts as needed. Additional features include:

- Hot Dip Galvanized after fabrication
- Includes 6' Long x 2" I.D. x 2¾" O.D. schedule 40 mounting pipe
- Optional items include installation hardware (ROHN part #HMK18M or B12 stabilizer straps)
- Available without B12 stabilizer straps







## THE SAW HORSE ROOF MOUNT

ROHN's Saw Horse Roof Mounts (SHRM) allow the placement of antennas on roof peaks or flat roofs, allowing them to be above interference created by close buildings and trees. At the same time, it frees up yard space, eliminates some zoning problems and increases security from theft and vandalism. The SHRM will adjust from a flat roof to any pitched roof up to 12"/12". And installation is easy because there's no need for concrete or burying cable. Additional features include:

- Hot Dip Galvanized after fabrication
- Will support most TVRO, PCS, Cellular and Microwave antennas
- Constructed of heavy angle material
- Easy one-step installation
- Model: SHRM
- UPS shippable
- Mounting pipe and installation hardware are optional

## THE UNIVERSAL ROOF MOUNT

ROHN's Universal Roof Mount (URM) is capable of supporting most TVRO, PCS Cellular and Microwave antennas. The URM adapts to various roof pitches and the fully adjustable rear-leg allows for use on a flat or up to a 12"/12" pitched roof. Installation is easy because of the quick adaptability, plus there's no need for concrete or burying cable. At the same time, the URM frees up yard space, eliminates some zoning problems and increases security from theft and vandalism. Additional features include:

- Hot Dip Galvanized after fabrication
- Will support most TVRO, PCS Cellular and Microwave antennas
- Easy one-step installation
- Model: URM
- UPS shippable
- Mounting pipe and installation hardware are optional





# RESIDENTIAL MOUNTS

## THE DBS TOWER MOUNT

The DBS Tower Mount is perfect for today's new generation of reception dishes. Made for 25G towers, it's one of the latest additions to the complete line of ROHN antenna support products. Features include:

- Goes together quickly
- Minimum of bolted connections
- Angle steel cross members connect directly to the tower legs with easy to use U-bolts
- Available in Hot Dip Galvanized or pre-galvanized finish
- UPS shippable
- Disassembled, the lightweight mount stores in very small spaces with angle members nested
- Supports almost all major DBS antenna brands



## THE GABLE END MOUNT

ROHN's new Gable End Mount is now even more versatile. It's designed to provide excellent support for off-air or wireless cable antennas, utilizing mast clamps capable of supporting up to 1½" masts (optional mast sizes are available from ROHN). The GEM is easily installed on the gable end of a house with no roof penetration required.



## GABLE END MOUNT FEATURES:

- Galvanized Finish
- Constructed with a bottom support angle adjustable from 40" - 60"
- Versatile enough to install to almost any pitch roof
- Design has four attachment points on the fascia board
- Mast brackets designed for 4" clearance from the fascia
- Packaged in one box for convenience
- GEM (part number: GEM4060) Contains: 1 VWM4 (two brackets), 2 adjustable angles, 1 hardware package, lag screws

## THE GABLE POLE BRACKET

The ROHN Gable Pole Bracket is another inexpensive solution to supporting an elevated satellite antenna. It can be installed using any ROHN HMK, hardware mounting kit. Additional features include:

- Hot Dip Galvanized after fabrication
- Will support most TVRO, PCS, Cellular and Microwave antennas
- Constructed of high strength steel
- Adaptable to all gable ends
- UPS Shippable - 17 lb.
- Easy to install/Approx. 4' long
- Holds up to 5" standard pipe
- Model: GPB4

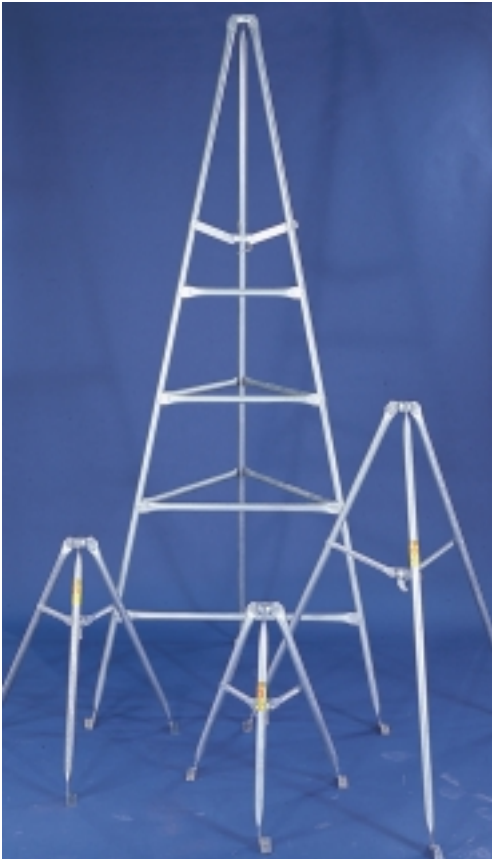




## HEAVY DUTY ALL STEEL TRI-MAST

ROHN's Trimast is ideal for conventional UHF-VHF or wireless cable antennas. Available in overall heights of 5' (part no. TM60) and 10' (part no. TM120), ROHN Trimasts can be installed to roof slope or peak.

- "Socket-lock" clamping device for fast and secure installation
- Features bolt-on removable swivel feet
- Includes pitch pads and lag screws
- Galvanized inside and out for lasting, durable finish
- Double base swivel feet help prevent twisting of the mast
- Conforms to most any roof slope



## TRIPOD ROOF TOWERS

ROHN Tripod Roof Towers feature universal mast clamp and support bracket. They are compact folding for efficient storage and easy to install. Additional features include:

- Most TRT Snap-outs fold tightly for convenient storage
- Universal mast clamp capable of mounting up to 1 3/4" diameter mast
- Socket lock to hold the tightening bolt in place without turning
- Bolt-on swivel feet adjust to most any pitch roof
- Made of 1 1/4" tubular legs
- Installation is simple and fast by using lag screws in the base feet - securely anchoring the tower for long, trouble free service
- Lower mast support bracket
- Galvanized for long lasting corrosion protection
- Prevailing torque lock-nut is used on bolt-on feet
- Swing-Away mast support provides for quick and easy orientation before locking antenna in position
- Support has 3 set screws for clamping mast





## QUADPOD ROOF MOUNTS

With ROHN Quadpod Roof Mounts, the mast pipe stays vertical whether it's installed on the sloped, peak, or flat portion of a roof. The extra leg pivots in the collar to allow for upright installation on the sloped part of a roof. The additional support of the leg also adds strength to the installation. ROHN Quadpods are ideal for wireless cable or off air channel antennas. Features include:

- Bolt-on swivel feet
- Folds down for convenient shipping and storage
- Pitch pads and lag screws included
- Galvanized and durable

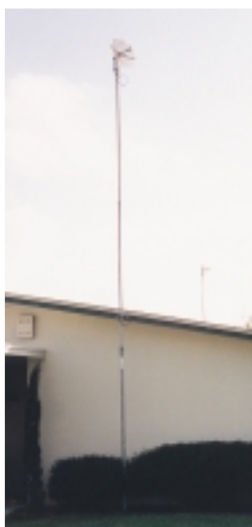


## TELESCOPING MASTS

ROHN Telescoping Masts are designed for use as guyed or bracketed installations. All ROHN Telescoping Masts are galvanized and come assembled with hardware. The unique ROHN Rolled Edge Guy Rings and Clamps are already installed and erection is simply attaching guys or brackets, extending the sections, inserting the locking cotter pins, rotating the tubes to a locked position and tightening the clamps.

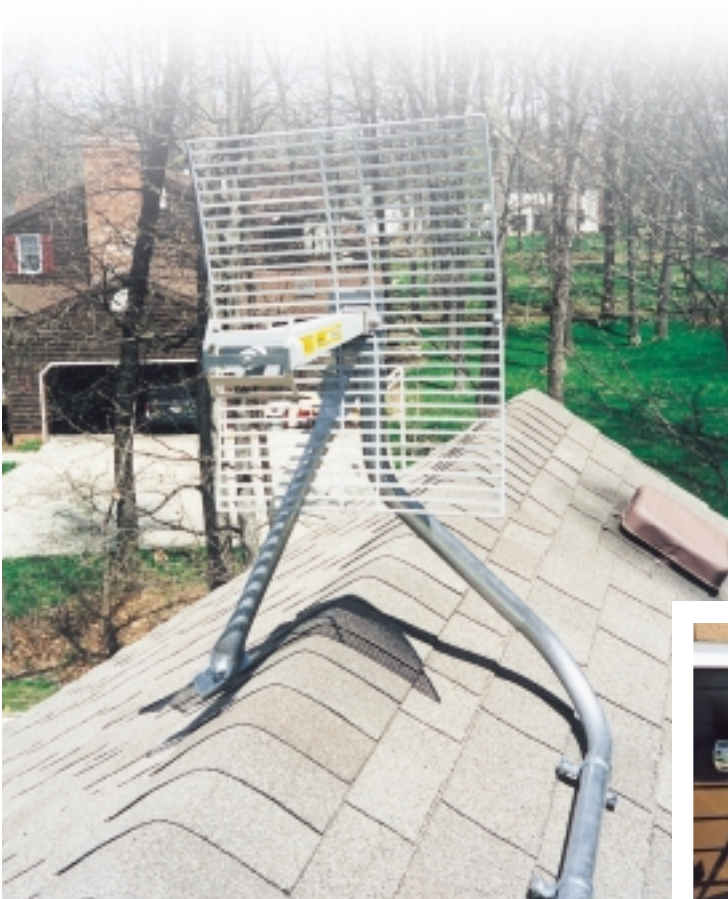
The unique ROHN design features interior tube flanging combined with a double crimped exterior tube to produce a stronger and more stable joint than most common masts. Disassembly is possible by pulling each section out through the bottom. Each section also extends deeper into the lower tubes than most designs, adding still further to the stability of the mast. Additional features include:

- 1¼" top section can accept many popular wireless cable, off air and other small antennas
- Exclusive ROHN Rolled Edge Guy Ring rotates to any direction on the mast and with five guy holes allows guying in nearly any direction
- Masts can be handled by one person
- Bracketed masts are ideal for limited space sites
- Slim design makes the ROHN mast unobtrusive in most installations



## THE SNAKE MOUNT®

The Snake Mount is designed to adapt. It will work as a universal wall mount, a pitched roof mount, or a peak roof mount for wireless cable, DBS and UHF/UVF antennas. The snake mount comes in two sizes, small and large. The Small Snake Mount (part number: SM125) has a 1½" O.D. mast capable of supporting an antenna of 2 square feet projected area or less. The Large Snake Mount (part number: SM238) has a 2½" O.D. mast capable of supporting up to a 1 meter antenna.



### ADDITIONAL FEATURES OF THE ROHN SNAKE MOUNT®:

- Available in 1½" O.D. tubing or 2½" tubing (2½" compatible)
- Universal mount for roof or wall installation
- Conforms to any stud spacing requirements
- Galvanized for ultimate rust protection
- Includes lag screws
- Low cost, lightweight, and UPS shippable
- Sleek, modern design
- Patented design



## THE UNIVERSAL ONE-LEGGED MOUNT

The Universal One-Legged Mount may be the one and only mount that can be installed on any part of any building. This mount is designed for virtually all types of antennas - home, TV, MMDS, DBS and more (part number: 1LG). An optional chimney mounting kit will allow the One-Legged Mount to be installed on masonry chimneys (part number: 1LGCM). The One-Legged Mount can solve any mounting need.

Features include:

- A 1¼" O.D. mounting pipe
- Galvanized for ultimate rust protection
- Includes lag screws
- Optional chimney mounting kit available
- Low cost, low profile, lightweight, and UPS shippable
- Can be installed on any roof, wall or gable end





## WALL MOUNTS

ROHN Wall Mounts for masonry, wood, metal and most other walls are designed to provide versatility. With six lengths, two widths and the ability to support up to a 2 $\frac{3}{4}$ " O.D. mast, these mounts can be the perfect answer for nearly any setting. The mounts can be installed quickly and with minimum effort using up to  $\frac{5}{8}$ " lag bolts on nearly any surface.\*

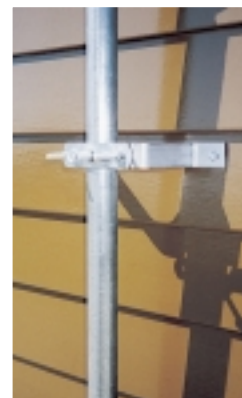
All mounts are galvanized for durability, and constructed of lightweight, high strength ribbed flat stock steel. Masts are held in place with a unique "Anti-Twist" locking clamp to help ensure steady reception.

Additional features include:

- Will extend beyond most residential roof overhangs
- Available in 4", 8", 12", 18", 24", and 30" stand-offs
- Available as single or double brackets
- UPS shippable

Upper brackets consist of horizontal members only. Lower brackets consist of horizontal members and one angled member for vertical support.

\* Lag screws or attachment bolts must be ordered separately.



# STEEL TUBING

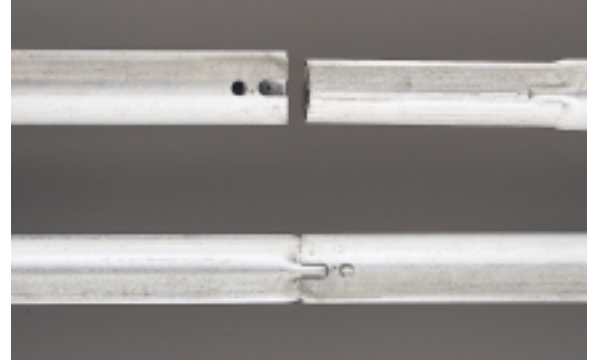
ROHN Steel Tubing comes in a variety of end types, finishes, gauges and lengths. So whatever your needs, we have the steel tubing to fit every job.

## END TYPES

**Swaged** - ROHN swaged tubing with locking joint is available in two finishes and four gauges. When tubing is swaged, the metal is compressed and made thicker so the joint is stronger than the original material. In fact, so strong that 18 ga. swaged tubing has the strength of most competitive 16 ga. tubing. Swaging also eliminates the "joint bulge" common with expanded tubing.

**Expanded** - A tube with an expanded end along with a tube with a plain end allows the tubes to be stacked.

**Plain End** - Tubes with a plain end cannot be stacked if they are used directly in a tripod, wall mount, etc.



## FINISHES

**Hot Dip Galvanized** - This tubing is fabricated from high strength steel - then immersed in molten zinc giving all surfaces, including the interior, an even coating of zinc for maximum corrosion protection. No seams, holes or edges are coated.

**Pre-Galvanized** - This tubing is made from a coil of steel which is galvanized at the steel mill, cut into strips, and then formed into a piece of tubing. Where the tubing is welded, zinc is sprayed over the weld to give it protection at that point. It does, however, have a slightly uncoated seam on the inside and ends.



Galvanized



Pre-Galvanized

## GAUGES

ROHN offers steel tubing in 16, 18, and 20 gauges.

## LENGTHS

Steel tubing lengths are available from 2½' to 10'.

For product information, please call 1-765-654-4491



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