

1 INCH ALUMINUM - PROFESSIONAL SERIES



KEY FEATURES

A proven performer for contract and commercial applications, the Professional Series 1" metal blind offers a heavy duty headrail for large window openings. Professional 1" metal blinds provide good light control with resilient 1" x .006" slats. The sturdy 1" h x 1-9/16" steel headrail accommodates a variety of mounting depths.

- 19 contemporary color offerings
- Box brackets standard
- Durable steel headrail components standard
- Two on One Headrail is available

COLOR OFFERINGS



110 White



111 Cotton



112 Alabaster



115 Dover



116 Polar Bear



137 Almond



201 Ivory



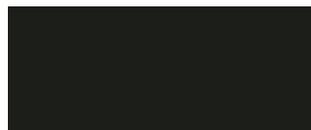
310 Sand



365 Mushroom



885 Dark Bronze



887 Raw Umber



685 Royal Navy



820 Squirrel Gray



862 Pearl Gray



870 U.N. Gray



890 Black



892 Low Gloss Black



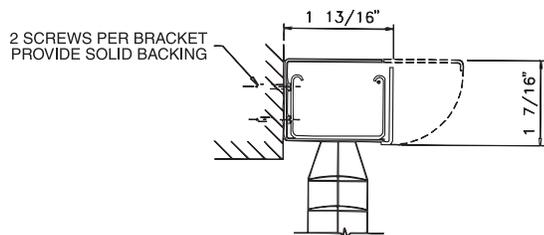
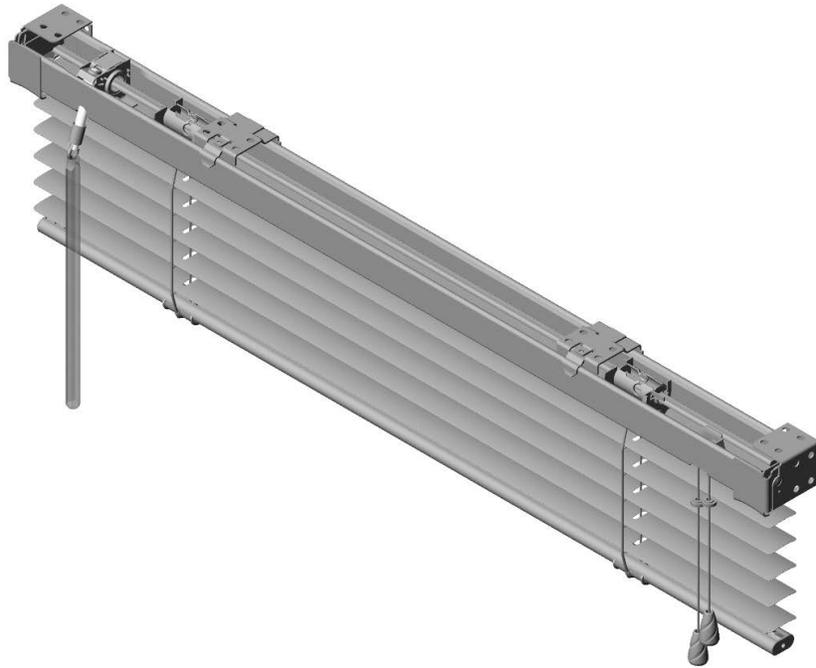
031 Satin Nickel



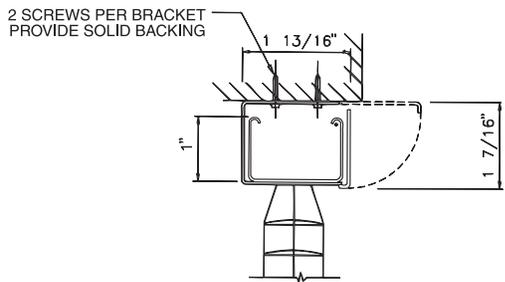
034 Brushed Aluminum

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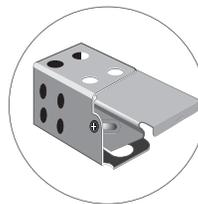
TECHNICAL DRAWING



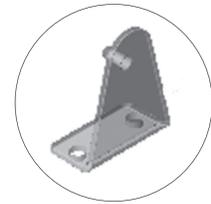
OUTSIDE MOUNTED DETAIL



INSIDE MOUNTED DETAIL



Open End Bracket



Hold-down Bracket

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SPECIFICATIONS

HEADRAIL: Headrail shall be of .025 inch thick painted, steel, "U" shaped, 1 inch high x 1 9/16 inches wide with flanged edges at top, and coated with baked on finish. All hardware shall be enclosed in the metal headrail.

BOTTOMRAIL: Bottomrail shall be of .023 inch thick painted steel formed after coating and shall be provided with color compatible molded plastic ladder and clear end caps having integral protrusions designed to prevent bottom bar from marring window sill and/or mullions.

SLATS: Slats shall be of 5000 series magnesium aluminum alloy to optimize tensile and yield strength for superior slat strength, resiliency, and corrosion resistance. Slats shall be nominally 1 inch wide and the thickness of the slats shall be nominally .006 inches. Slats shall have a coating thickness of .8 mil to 1.5 mil. Unperforated slats shall perform for 500 hours of 100% relative humidity testing, 300 hours of 5% salt spray solution at 95 degrees F testing, and 250 hours of accelerated weathering testing without blistering, fading, corroding, or adhesive failure. Slat thickness and ladder support distances shall prevent visible sag or bow after continued use indoors.

TILT ROD SUPPORT: Provides support for tilt rod and shall be molded from low friction thermoplastic. Ladder and lift cords are guided through bottom of headrail without abrasion or discoloration.

DRUM & CRADLE: Drum and cradle shall be provided for each ladder.

- a. Drums shall be of .031 inch thick Tomized steel providing secure attachment for both ladder ends.
- b. Cradles shall be of .042 inch thick Tomized steel having two holes with rolled edges to guide cords through bottom of headrail without abrasion. They shall provide bearing support for the tilt rod, thus preventing the weight of the blind from being transferred to the tilter. Cradles shall center drums over ladder openings.

CORD LOCK: Cord Lock shall be .042 inches thick Tomized steel and shall be securely attached to headrail. It shall be a crash-proof type with sufficient sensitivity to lock slats at desired height upon release of cords.

TILT MECHANISM: Guardian Tilter mechanism shall be of a not less than .042 inch thick Tomized steel housing with a self-lubricating nylon, automatically disengaging worm and gear mechanism to provide maximum closure, eliminate overdrive, and prevent strain or damage to blind.

TILT WAND: Tilt Wand shall be transparent with a hexagonal cross section 5/16 inches across flats.

TILT ROD: Tilt rod shall be solid D-shaped with an average cross section of .28 inches designed to achieve minimum torsional deflection.

BRAIDED LADDERS(Slat Supports): Ladders (slat supports) shall be braided polyester yarn dyed to Levolor color standards. The two vertical components shall be .076 inches x .038 inches designed for maximum flexibility combined with minimum stretch and tensile strength of not less than 50 lbs. per cable. Horizontal components (rungs) shall consist of not less than two cables inter-braided with the vertical components. Ladder shall support the slats without visible distortion. Distance between slats shall not exceed 21.5mm. Distance between ladders shall not exceed 23 inches for blinds up to 80 inches long. For blinds over 80 inches long, distance between ladders shall not be greater than 22 inches. Distance between end ladder and end of slat shall not be exceed 7 inches.

END BRACES: End Braces shall be of .037 inch thick Tomized steel with reinforcing ribs and field adjustable tabs. End braces shall incorporate a field adjustable tab to ensure secure installation, center blind in window, and prevent lateral movement.

LIFT CORD: Lift Cord shall be braided of high strength, 1.4mm dia. Polyester fiber, 34 picks per inch, 16 carrier smooth braids, and shall be flexible, have minimum stretch, maximum abrasion resistance characteristics, and a minimum breaking strength of 130 lbs. Cord shall be of sufficient length equalized to properly control raising and lowering of blind and spaced not over 46 inches between cords

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SPECIFICATIONS - continued

INSTALLATION BRACKETS: Installation Brackets shall be of at least .048 inch thick painted steel with baked-on finish to match headrail. The brackets shall incorporate a rivet-hinged safety locking front cover to permit removal of headrail without lateral movement. Mounting holes shall be located to accommodate overhead, side, or face mounting.

INTERMEDIATE SUPPORT BRACKETS: Intermediate brackets shall be of .050 inch thick Tomized steel and shall be installed with blinds over 60 inches wide and under 80 inches long, or over 55 inches wide and over 80 inches long. Brackets shall be supplied as required.

EXTENSION BRACKETS: Optional extension brackets are available.

HOLD-DOWN BRACKETS: Universal hold-down brackets for sill or jamb installations are available upon request.

VALANCE: A two slat with clear polycarbonate mounting clips is standard. Returns are standard on outside mount blinds.

SIZE LIMITATIONS: Maximum Width: 143 3/4-inches, Maximum Drop: 144-inches

COLOR: Color of headrail, bottomrail, ladder, cord and plastic accessories shall coordinate with the slats.