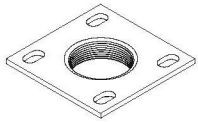
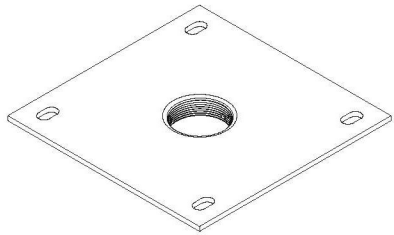
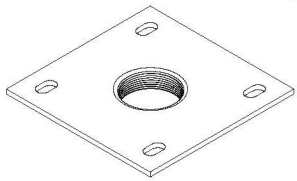
INSTALLATION INSTRUCTIONS



CMA105



CMA110



CMA115

Ceiling Plates

CHIEF®

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CMA105-110-115

DISCLAIMER

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IMPORTANT SAFETY INSTRUCTIONS!

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the CMA mount does not exceed 500 lbs (226.8 kg).

NOTE: The weight capacity of the CMA mounts may be LIMITED to the lowest weight capacity of any other component located between the ceiling plate and the projector/display.

WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

WARNING: Do not use this product outdoors.

NOTE: CMA105, CMA110, CMA115 are intended to be used with a 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness aluminum - ASTM B221) threaded extension column (not included).

IMPORTANT ! : These CMA mounts are designed to be:

- mounted to a 2" x 6" wood framework ceiling covered with 5/8" drywall;
- mounted to an 8" concrete ceiling using either 1/4" x 2-1/2" lag bolts for Toggler AF8 anchors (not included), or 5/16" x 2-1/2" lag bolts for Fischer UX10 concrete anchors (not included);
- suspended from four 3/8" diameter (minimum) Grade 2 or better threaded rods with 16 threads per inch (not included) which are secured to a framing channel (spanning a maximum of 5 feet --not included) by Grade 2 or better 3/8" channel nuts (not included).

NOTE: These CMA mounts provide vertical adjustments in 3/4" increments.

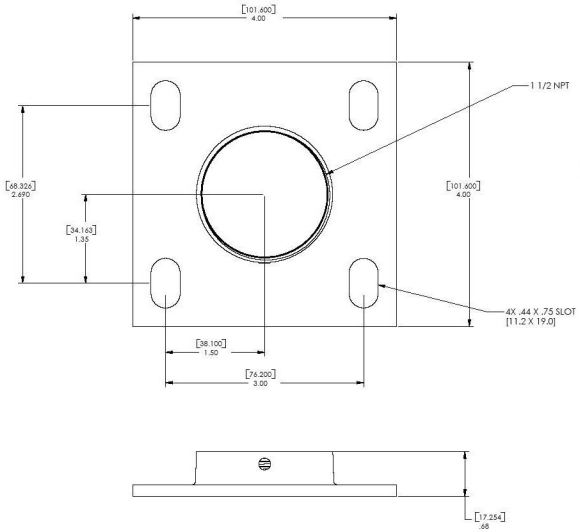
NOTE: CMA105, CMA110 and CMA115 may be used with UL Listed CMA151 1-1/2" to 1" NPT Adapter Accessory.

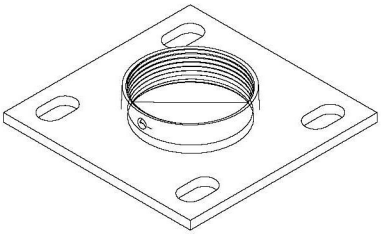
WARNING: Do NOT attach to vertical mounting surfaces such as walls or angled ceilings!

--SAVE THESE INSTRUCTIONS--

DIMENSIONS

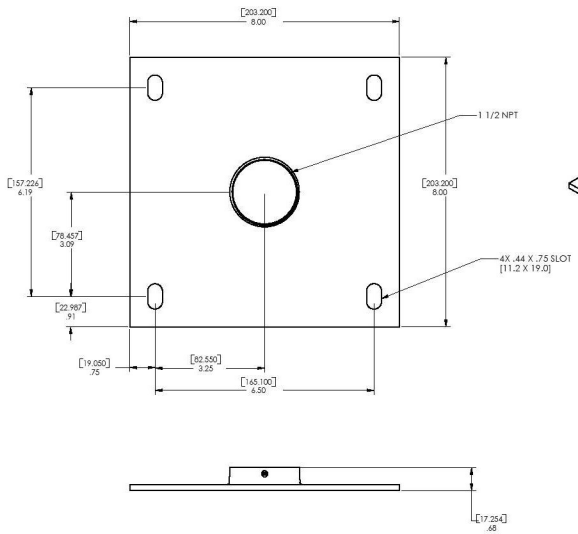
CMA105

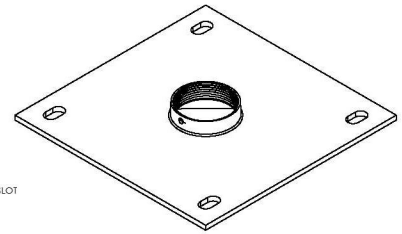




DIMENSIONS: INCHES
[MILLIMETERS]

CMA110

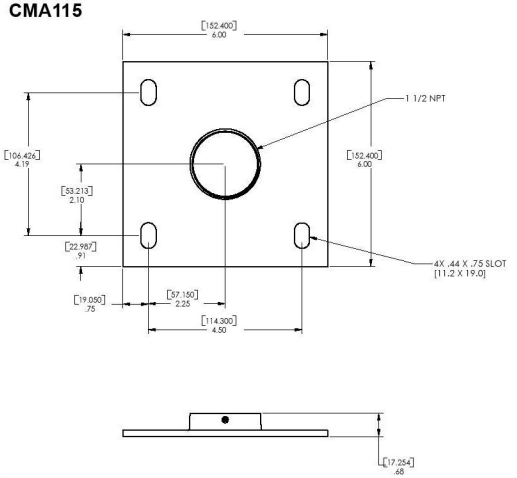


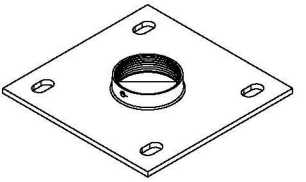


DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS (continued)

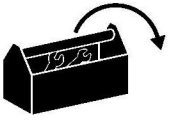
CMA115





DIMENSIONS: INCHES
[MILLIMETERS]

TOOLS REQUIRED FOR INSTALLATION



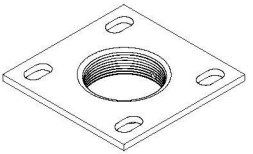


5/32" security (included)
3/32" (not included)



PARTS





A (1)
[ceiling plate - CMA105 shown]



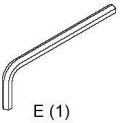
B (1)
#10-24 x 1/4"



C (1)
#10-24 x 1/4"

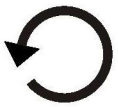


D (1)
[security spinner]



E (1)
5/32"
(security)

LEGEND

	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale
	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	Optional Opcional Optional Opcional Opzionale Optie En option
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

INSTALLATION AND ASSEMBLY

WARNING: Do NOT attach to vertical mounting surfaces such as walls or angled ceilings!

WARNING: IMPROPER INSTALLATION CAN LEAD TO LIFT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT! It is the installer's responsibility to make certain the structure to which the mount is being attached is capable of supporting five times the weight of the CMA mount and all attached equipment. Reinforce the structure as required before installing the mount.

NOTE: The following instructions assume a suitable mounting structure and surface exists prior to installation.

Installing to a Wood Framework (Joists)

NOTE: These CMA mounts are designed to be mounted to a 2" x 6" wood framework ceiling covered with 5/8" drywall.

1. Use 5/16-18" x 2-1/2" (minimum) Grade 2 lag screws (not included) to secure CMA mount to the joists or wood framework, using the bolt holes noted. (See Figure 1)

NOTE: If using only two bolt holes for mounting, two opposing holes must be used.

Installing to a Suspended Ceiling

NOTE: These CMA mounts may be suspended from four 3/8" diameter (minimum) Grade 2 or better threaded rods with 16 threads per inch (not included) which are secured to a framing channel (spanning a maximum of 5 feet--not included) by Grade 2 or better 3/8" channel nuts (not included).

1. Insert the rods into the four bolt holes in the CMA mount. (See Figure 1)
2. Secure the threaded rods to the CMA mount with Grade 2 or better 3/8" jam nuts (not included) and washers (one of each on inside and one of each on outside--not provided).

Installing to a Solid Concrete Ceiling Structure

NOTE: These CMA mounts may be mounted to an 8" concrete ceiling using either 1/4" x 2-1/2" lag bolts for Toggler AF8 anchors (not included), or 5/16" x 2-1/2" lag bolts for Fischer UX10 concrete anchors (not included)

WARNING: Anchors (not included) must be installed into structurally sound solid concrete. Installation into hollow concrete block, mortar, or concrete that exhibits cracking, spalling, or other defects may result in failure of anchor and serious personal injury or damage to equipment.

1. Use either 1/4" x 2-1/2" lag bolts for Toggler AF8 anchors (not included), or 5/16" x 2-1/2" lag bolts for Fischer UX10 concrete anchors (not included) to secure CMA mount into solid concrete ceiling. (See Figure 1)
2. Place CMA mount over anchors, placing bolt holes in CMA mount over anchors.
3. Secure CMA mount to ceiling using four Grade 2 flat washers (not included) and four Grade 2 nuts (not included) tightened over anchors.

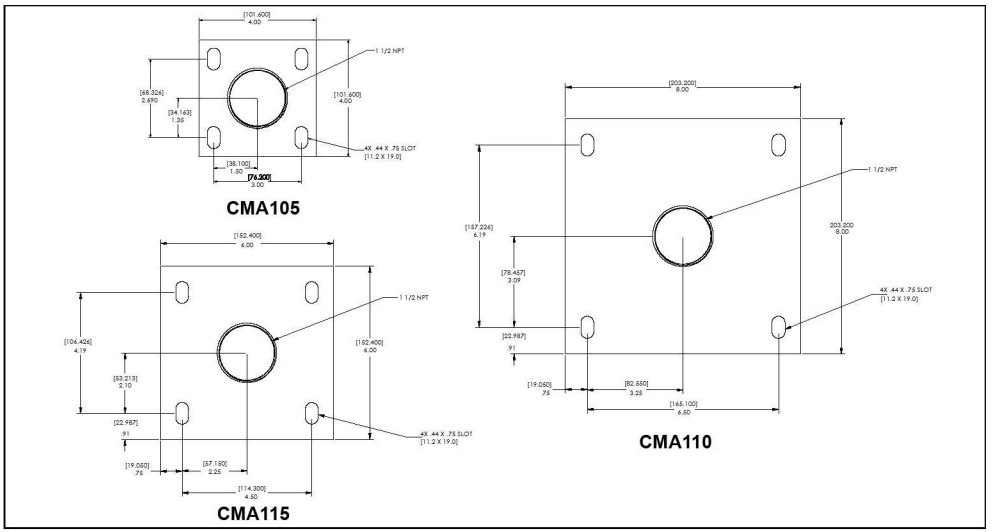


Figure 1

Attaching Column to CMA Mount (non-security)

1. Install 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness steel or aluminum - ASTM B221) threaded extension column (not included) into threaded collar until tight, with a minimum of four threads engaged. (See Figure 2)
2. Install #10-24 1/4" set screw (B) into hole on ceiling plate (A) to secure pipe to mount. (See Figure 2)

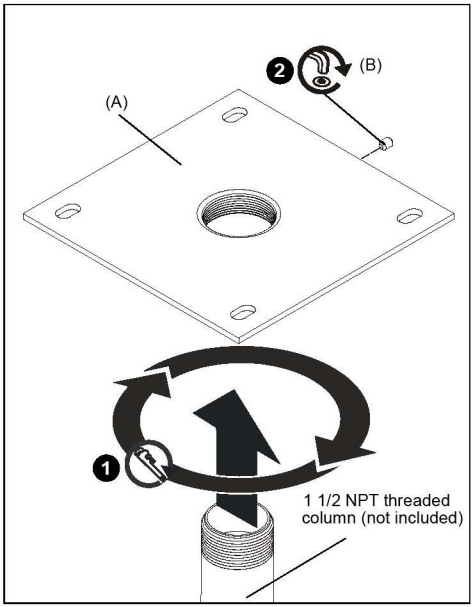


Figure 2

3. Install the ceiling mount and projector to the CMA mount using installation instructions included with the ceiling mount.

Attaching Column to CMA Mount (security)

1. Install 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness steel or aluminum - ASTM B221) threaded extension column (not included) into threaded collar until tight, with a minimum of four threads engaged. (See Figure 3)
2. Install #10-24 1/4" button head security screw (C) through security spinner (D) and into hole on ceiling plate (A) to secure pipe to mount. (See Figure 3)

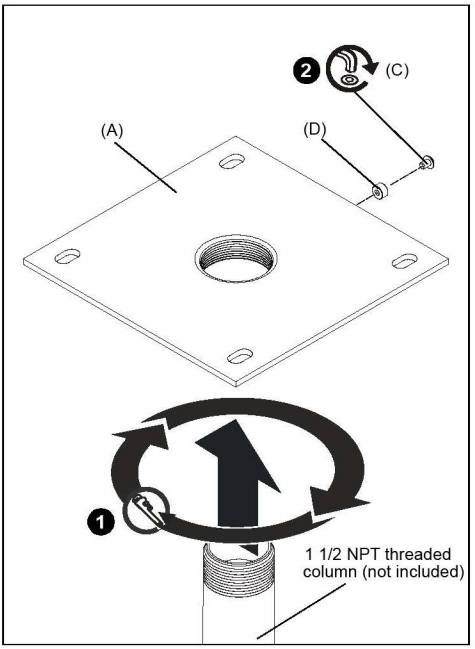


Figure 3

3. Install the ceiling mount and projector to the CMA mount using installation instructions included with the ceiling mount.

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11/2026

MIN: ISO-A5 / US-MID

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