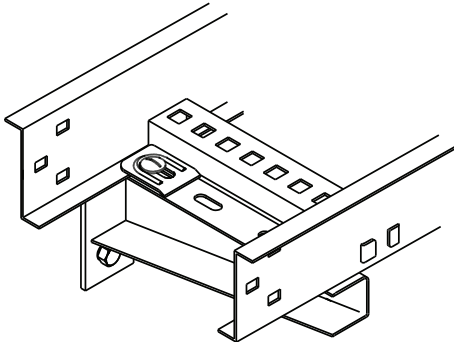


SECCION 1.4 ACCESORIOS DE MONTAJE

MENSULA PARA MONTAJE EN PARED

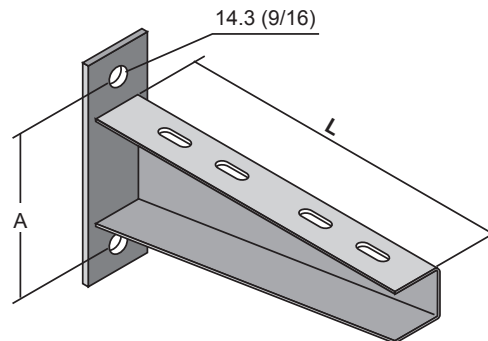


MPPI-09-GI

MATERIAL Y ACABADO / MATERIAL & FINISHES
 ANCHO DE LA CHAROLA / CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "CC", "IM" E "IP"
 USE THIS LETTER FOR TRAYS WITH RAIL TYPE "CC", "IM" & "IP"
 MENSULA PARA PARED / WALL SUPPORTED BRACKET

SECCION 1.4 SUPPORTS AND BRACKETS

WALL CANTILEVER BRACKET



ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C (VER PAGINA 9) FOR RAIL TYPE Z, C (SEE PAGE 9)		PARA PERFIL TIPO I (VER PAGINA 9) FOR RAIL TYPE I (SEE PAGE 9)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	120 (4.75)	MPP-04	127 (5)	MPPI-04	152 (6)	705 kg (1550 lb)
152.4 (6)		MPP-06	178 (7)	MPPI-06	203 (8)	665 kg (1460 lb)
228.9 (9)		MPP-09	254 (10)	MPPI-09	279 (11)	645 kg (1420 lb)
304.8 (12)		MPP-12	330 (13)	MPPI-12	356 (14)	550 kg (1215 lb)
406.4 (16)	158 (6.22)	MPP-16	432 (17)	MPPI-16	457 (18)	505 kg (1115 lb)
457.2 (18)		MPP-18	483 (19)	MPPI-18	508 (20)	450 kg (990 lb)
508.0 (20)		MPP-20	533 (21)	MPPI-20	559 (22)	385 kg (850 lb)
609.6 (24)		MPP-24	635 (25)	MPPI-24	660 (26)	325 kg (717 lb)
762.0 (30)		MPP-30	787 (31)	MPPI-30	813 (32)	275 kg (607 lb)
914.4 (36)		MPP-36	940 (37)	MPPI-36	965 (38)	225 kg (496 lb)

LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA, SOPORTES ELECTRICOS NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO.
 THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY, SOPORTES ELECTRICOS IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
 THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

MATERIALES Y ACABADOS DISPONIBLES:

MATERIALS & FINISHES AVAILABLE :

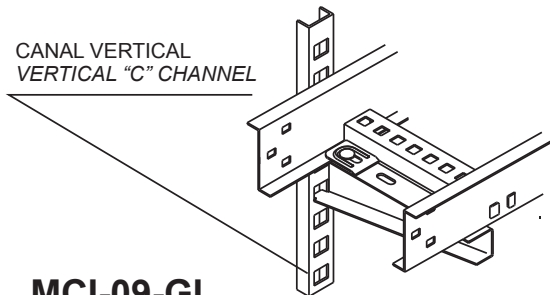
GI : ACERO AL CARBONO GALVANIZADO POR INMERSION EN CALIENTE SEGUN ASTM A 123
GE : ACERO AL CARBONO GALVANIZADO ELECTROLITICO SEGUN ASTM B 633
T : ACERO AL CARBONO TROPICALIZADO
PVC : ACERO AL CARBONO RECUBIERTO CON PVC SEGUN NEMA RN 1
AI : ACERO INOXIDABLE ACABADO NATURAL

GI : HOT DIP GALVANIZED STEEL UNDER ASTM A 123
GE : ELECTROGALVANIZED STEEL UNDER ASTM B 633
T : CHROMIUM-ZINC COATED STEEL
PVC : PVC COATED STEEL UNDER NEMA RN 1
AI : NATURAL FINISHED STAINLESS STEEL

PARA MATERIALES Y ACABADOS NO INDICADOS CONSULTE NUESTRO DEPARTAMENTO DE INGENIERIA
 FOR MATERIALS AND FINISHES NOT SHOWED. PLEASE CONSULT OUT TECHNICAL DEPARTMENT

TODAS LAS DIMENSIONES EN mm (Pulg) / ALL DIMENSIONS ARE IN mm (Inch)
 PUEDE SER SUJETO A MODIFICACION SIN PREVIO AVISO / MAY BE SUBJECT TO MODIFICATION WITHOUT NOTICE

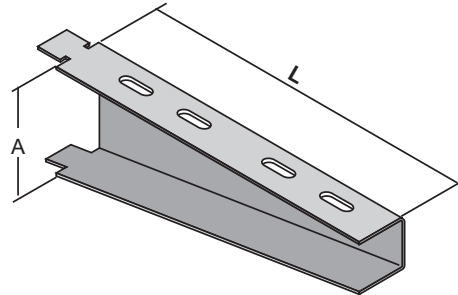
MENSULA PARA MONTAJE EN CANAL



MCI-09-GI

MATERIAL Y ACABADO (VER PAGINA 27) / MATERIAL & FINISHES (SEE PAGE 27)
 ANCHO DE LA CHAROLA / CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO PARA CHAROLAS CON PERFIL TIPO "CC", "IM" E "IP"
 USE THIS LETTER FOR TRAYS WITH RAIL TYPE "CC", "IM" & "IP"
 MENSULA PARA CANAL / CHANNEL CANTILEVER BRACKET

CHANNEL CANTILEVER BRACKET



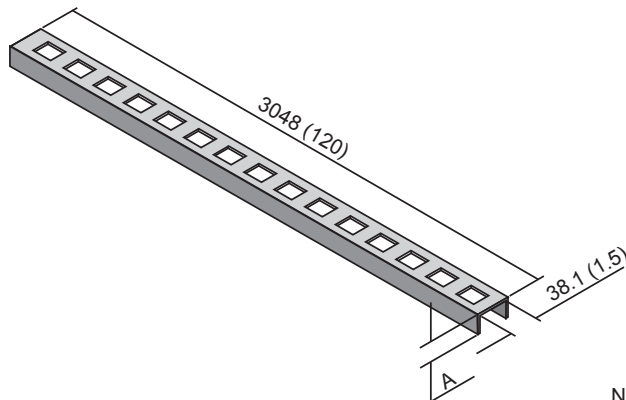
ANCHO DE CHAROLA TRAY WIDTH	A	PARA PERFIL TIPO Z, C (VER PAGINA 9) FOR RAIL TYPE Z, C (SEE PAGE 9)		PARA PERFIL TIPO I (VER PAGINA 9) FOR RAIL TYPE I (SEE PAGE 9)		CARGA SOPORTADA LOAD CAPACITY
		No DE CATALOGO CATALOG NUMBER	L	No DE CATALOGO CATALOG NUMBER	L	
101.6 (4)	79 (3.1)	MC-04	127 (5)	MCI-04	152 (6)	345 kg (762 lb)
152.4 (6)		MC-06	178 (7)	MCI-06	203 (8)	325 kg (717 lb)
228.9 (9)		MC-09	254 (10)	MCI-09	279 (11)	315 kg (695 lb)
304.8 (12)		MC-12	330 (13)	MCI-12	356 (14)	270 kg (596 lb)
406.4 (16)	117 (4.6)	MC-16	432 (17)	MCI-16	457 (18)	245 kg (540 lb)
457.2 (18)		MC-18	483 (19)	MCI-18	508 (20)	220 kg (485 lb)
508.0 (20)		MC-20	533 (21)	MCI-20	559 (22)	190 kg (420 lb)
609.6 (24)		MC-24	635 (25)	MCI-24	660 (26)	160 kg (353 lb)
762.0 (30)		MC-30	787 (31)	MCI-30	813 (32)	135 kg (298 lb)
914.4 (36)		MC-36	940 (37)	MCI-36	965 (38)	110 kg (243 lb)

LA CARGA SOPORTADA MUESTRA LA CAPACIDAD DE LA MENSULA EN CONJUNTO CON EL CANAL VERTICAL, SOPORTES ELECTRICOS NO SE HACE RESPONSABLE DE FALLAS ATRIBUIBLES A LOS SISTEMAS DE ANCLAJE O EL SUSTRATO DE APOYO. THE LOAD SHOWN INDICATE THE BRACKET LOAD CAPACITY ASSMBLED WITH VERTICAL CHANNEL, SOPORTES ELECTRICOS IS NOT RESPONSABLE FOR FAILURES CAUSED BY THE ANCHORING SYSTEM OR FOR THE WALLS MATERIALS

LAS CARGAS SOPORTADAS ESTAN BASADAS EN UN FACTOR DE SEGURIDAD DE 2.5
 THE LOAD CAPACITY ARE WITH A SECURITY FACTOR OF 2.5

NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

CANAL VERTICAL



VERTICAL "C" CHANNEL

CVPP-120-GI

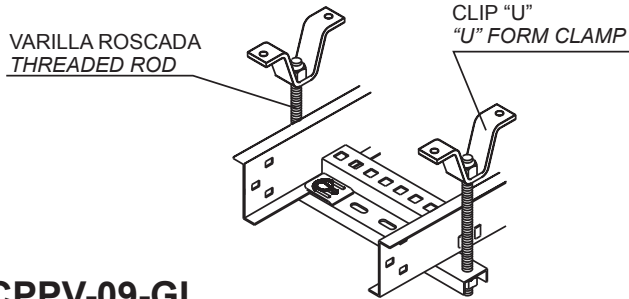
MATERIAL Y ACABADO (VER PAGINA 27)
 MATERIAL & FINISHES (SEE PAGE 27)
 LONGITUD DEL CANAL EN PULGADAS
 CHANNEL LENGHT IN INCHES
 COLOCAR ESTE DIGITO EN CANALES
 CON ALTURA DE 19 mm (3/4)
 USE THIS LETTER FOR CHANNELS
 WITH 19 (3/4) HEIGHT
 CANAL VERTICAL / VERTICAL "C" CHANNEL

N° DE CATALOGO CATALOG NUMBER	A
CVPP-120	19 (3/4)
CVP-120	38.1 (1.5)

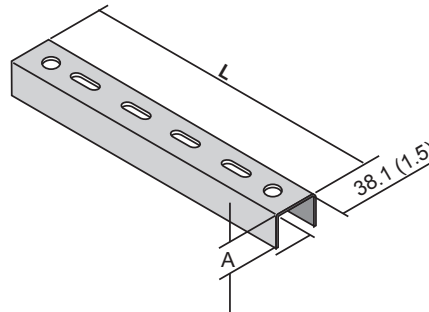
NO INCLUYE TORNILLERIA NI SISTEMAS DE FIJACION
 HARDWARE, CLAMP OR ANCHORING SYSTEM ARE NOT INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) / ALL DIMENSIONS ARE IN mm (Inch)
 PUEDE SER SUJETO A MODIFICACION SIN PREVIO AVISO / MAY BE SUBJECT TO MODIFICATION WITHOUT NOTICE

CANAL HORIZONTAL PARA TRAPEZIO



HORIZONTAL CHANNEL FOR TRAPEZOID SUPPORT



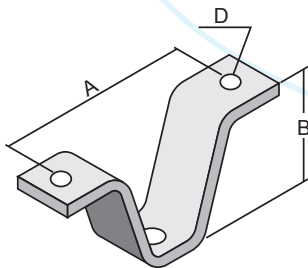
CPPV-09-GI

MATERIAL Y ACABADO (VER PAGINA 27) / MATERIAL & FINISHES (VER PAGINA 27)
 ANCHO DE LA CHAROLA / CABLE TRAY WIDTH
 COLOCAR ESTE DIGITO EN CANALES CON ALTURA DE 19 mm (3/4)
 USE THIS LETTER FOR CHANNELS WITH 19mm (3/4) HEIGHT
 CANAL HORIZONTAL PARA TRAPEZIO / HORIZONTAL CHANNEL FOR SUPPORT

NUMERO DE CATALOGO		CATALOG NUMBER	
PARA ALTURA A DE 19 (3/4) FOR 19 (3/4) HEIGHT	PARA ALTURA A DE 38.1 (1) FOR 38.1 (1) HEIGHT	ANCHO DE CHAROLA TRAY WIDTH	L
CPPV-04	CPV-04	101.6 (4)	195 (7.69)
CPPV-06	CPV-06	152.4 (6)	246 (9.69)
CPPV-09	CPV-09	228.9 (9)	322 (12.69)
CPPV-12	CPV-12	304.8 (12)	398 (15.69)
CPPV-16	CPV-16	406.4 (16)	500 (19.69)
CPPV-18	CPV-18	457.2 (18)	551 (21.69)
CPPV-20	CPV-20	508.0 (20)	602 (23.69)
CPPV-24	CPV-24	609.6 (24)	703 (27.69)
CPPV-30	CPV-30	762.0 (30)	856 (33.69)
CPPV-36	CPV-36	914.4 (36)	1008 (39.69)

NO INCLUYE TORNILLERIA, VARILLAS, CLIPS "U" NI SISTEMAS DE FIJACION
 HARDWARE, "U" CLAMP, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

CLIP "U"



CU-38-GI

MATERIAL Y ACABADO VER PAGINA 27 / MATERIAL & FINISHES SEE PAGE 27
 TAMAÑO NOMINAL DE VARILLA ROSCADA / THREADED ROAD SIZE
 CLIP "U" / FORM "U" CLAMP

N° DE CATALOGO CATALOG NUMBER	TAMAÑO DE VARILLA ROAD SIZE	A	B	D
CU-38	9.5 (3/8)	156 (6.14)	45 (1.77)	9.5 (3/8)
CU-12	12.7 (1/2)	156 (6.14)	45 (1.77)	14.3 (9/16)
CU-58	15.9 (5/8)	156 (6.14)	45 (1.77)	14.3 (9/16)

NO INCLUYE TORNILLERIA, VARILLAS, NI SISTEMAS DE FIJACION
 HARDWARE, THREADED RODS OR ANCHORING SYSTEM ARE NOT INCLUDED

FORM "U" CLAMP

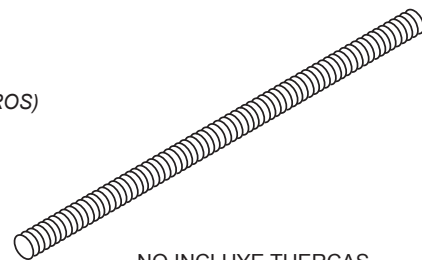
VARILLA ROSCADA

VR-38-3.0GI

MATERIAL Y ACABADO (VER PAGINA 27, EXCEPTO GI)
 MATERIAL & FINISHES (SEE PAGE 27 EXCEPT GI)
 LONGITUD EN METROS (DISPONIBLE EN 1.0, 2.0 Y 3.0 METROS)
 LENGTH IN METERS (AVAILABLE IN 1.0, 2.0 Y 3.0 METERS)
 TAMAÑO NOMINAL SIZE
 VARILLA ROSCADA THREADED ROD

N° DE CATALOGO CATALOG NUMBER	TAMAÑO NOMINAL SIZE
VR-38	9.5 (3/8)
VR-12	12.7 (1/2)
VR-58	15.9 (5/8)

THREADED ROD

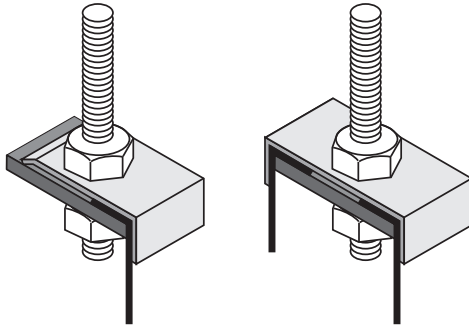


NO INCLUYE TUERCAS
 NUTS NOT INCLUDED

TODAS LAS DIMENSIONES EN mm (Pulg) / ALL DIMENSIONS ARE IN mm (Inch)
 PUEDE SER SUJETO A MODIFICACION SIN PREVIO AVISO / MAY BE SUBJECT TO MODIFICATION WITHOUT NOTICE

SOPORTES COLGANTES A LATERAL

SIDE RAIL HANGING SUPPORT



SENCILLO SINGLE

DOBLE DOUBLE

SDH-38-GI

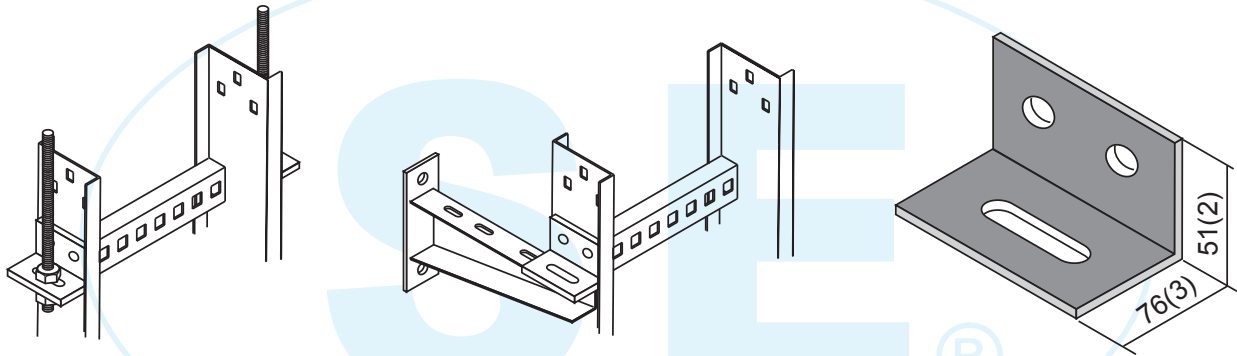
MATERIAL Y ACABADO (VER PAGINA 27)
 MATERIAL & FINISHES (SEE PAGE 27)
 TAMAÑO NOMINAL DE VARILLA ROSCADA
 THREADED ROD SIZE
 TIPO (SENCILLO O DOBLE)
 TYPE SUPPORT (SINGLE OR DOUBLE)
 COLGADOR A LATERAL SIDE RAIL HANGER

N° DE CATALOGO CATALOG NUMBER		TAMAÑO DE VARILLA ROAD SIZE
SENCILLO SINGLE	DOBLE DOUBLE	
SSH-38	SDH-38	9.5 (3/8)
SSH-12	SDH-12	12.7 (1/2)
SSH-58	SDH-58	15.9 (5/8)

NO INCLUYE TUERCAS NI VARILLA
 NUTS OR THREADED RODS ARE NOT INCLUDED

SOPORTE VERTICAL

VERTICAL SUPPORT



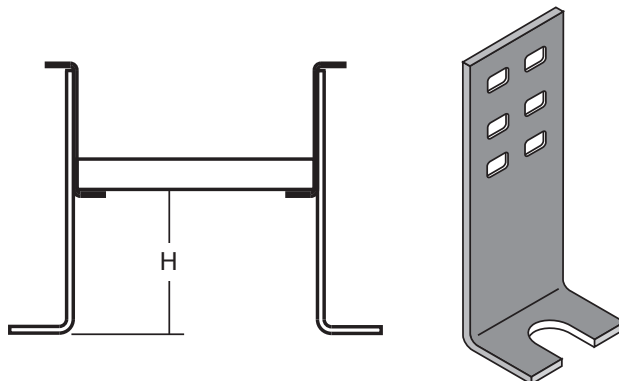
SV-1GI

MATERIAL Y ACABADO (VER PAGINA 34)
 MATERIAL & FINISHES (SEE PAGE 34)
 SUBFIJO P/PERALTE (VER PAG 9)
 RAIL HEIGHT SUFFIX (SEE PAGE 9)
 SOPORTE VERTICAL / VERTICAL SUPPORT

PARA USARSE CON VARILLA ROSCADA
 DE 12.7 (1/2) NO INCLUIDA
 FOR USE WITH THREADED
 12.7 (1/2) NOT INCLUDED

SOPORTE PARA PISO

FLOOR SUPPORT



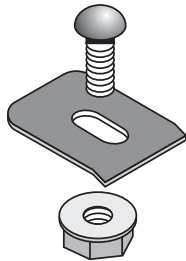
SP-30-1GI

MATERIAL Y ACABADO (VER PAGINA 27)
 MATERIAL & FINISHES (SEE PAGE 27)
 SUBFIJO P/PERALTE (VER PAG 2)
 RAIL HEIGHT SUFFIX (SEE PAGE 2)
 ALTURA H / HEIGHT H
 SOPORTE PARA PISO / FLOOR SUPPORT

TODAS LAS DIMENSIONES EN mm (Pulg) / ALL DIMENSIONS ARE IN mm (Inch)
 PUEDE SER SUJETO A MODIFICACION SIN PREVIO AVISO / MAY BE SUBJECT TO MODIFICATION WITHOUT NOTICE

CLEMA PARA CHAROLA

HOLD-DOWN CLAMP



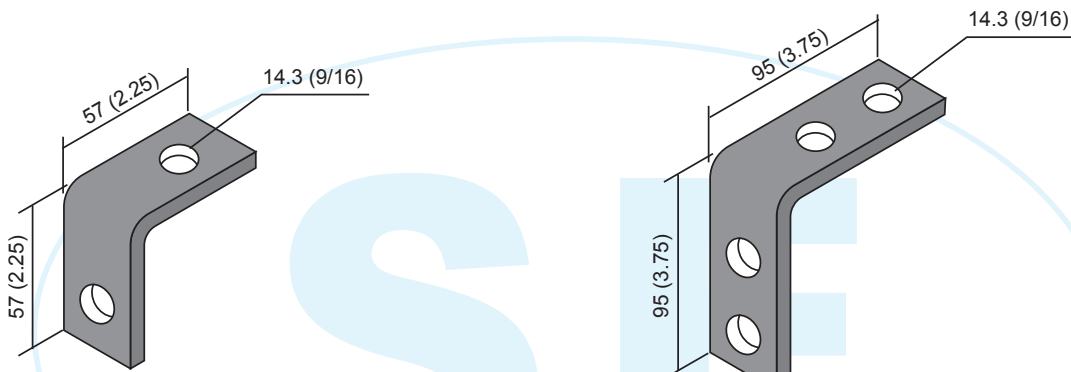
CLAMP-112-GI

MATERIAL Y ACABADO (VER PAGINA 27)
 MATERIAL & FINISHES (SEE PAGE 27)
 CLEMA PARA CHAROLA / HOLD-DOWN CLAMP

INCLUYE TORNILLERIA
 HARDWARE INCLUDED

CLIPS ANGULARES

ANGULAR CLAMP



TIPO SENCILLO *SINGLE TYPE*
 N° DE CATALOGO **CAFC-234**
 CATALOG NUMBER

TIPO REFORZADO *REINFORCED TYPE*
 N° DE CATALOGO **CAFL-334**
 CATALOG NUMBER

CAFC-234-GI

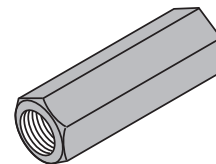
MATERIAL Y ACABADO (VER PAGINA 104)
 MATERIAL & FINISHES (SEE PAGE 104)
 TIPO TYPE

COPE PARA VARILLA ROSCADA

THREADED COUPLING

CVR-38-GI

MATERIAL Y ACABADO (VER PAGINA 27, EXCEPTO GI)
 MATERIAL & FINISHES (SEE PAGE 27 EXCEPT GI)
 TAMAÑO NOMINAL / SIZE
 COPE PARA VARILLA ROSCADA / THREADED COUPLING



N° DE CATALOGO CATALOG NUMBER	TAMAÑO NOMINAL SIZE
CVR-38	9.5 (3/8)
CVR-12	12.7 (1/2)
CVR-58	15.9 (5/8)

TODOS LOS SISTEMAS DE APOYO MOSTRADOS EN ESTA SECCION DEBERAN SER COLOCADOS DE ACUERDO A LA NORMA NEMA VE-2
 ALL THE FRAMES SHOWN IN THIS SECTION SHOULD BE INSTALLED UNDER STANDARD NEMA VE 2

TODAS LAS DIMENSIONES EN mm (Pulg) / ALL DIMENSIONS ARE IN mm (Inch)
 PUEDE SER SUJETO A MODIFICACION SIN PREVIO AVISO / MAY BE SUBJECT TO MODIFICATION WITHOUT NOTICE