







HORIZONTAL TRAY SUPPORTED FROM ROOF JOISTS (PERPENDICULAR) (T11A)

HORIZONTAL TRAY SUPPORTED FROM ROOF JOISTS (PERPENDICULAR) H.D. CLAMPS (T11AHD)



HORIZONTAL TRAY SUPPORTED FROM ROOF JOISTS (PARALLEL) (T11B)

HORIZONTAL TRAY SUPPORTED FROM ROOF JOISTS (PARALLEL) H.D. CLAMPS (T11BHD)

$\widehat{03}$	SECTION
0	N.T.S.

No.	Unit Qty				Unit	Description	Box Qty	# Boxes Needed	Item No.
	T11A	T11AHD	T11B	T11BHD				Needed	
1	2	2	2	2	EA	CABLE TRAY HANGER ROD CLAMP HDG	VARIES	VARIES	BY OTHERS
2	10FT	10FT	10FT	10FT	EA	THREADED ROD 1/2" SS316	VARIES	AS REQ'D	SPECIAL
3	6	6	4	4	EA	HEX NUT STANDARD 1/2" SS316	100	1	411776
4	10	13	10	13	EA	WING NUT MQM-F1/2"-R (SS316)	25	1	304020
5	6	6	6	6	EA	BASE PLATE MQZ-F1/2"-R (SS316)	20	1	304077
6	2	2	1	1	EA	CABLE TRAY HANGER ROD BEAM CALMP	VARIES	VARIES	BY OTHERS
7	4	4	6	6	EA	HEX HEAD BOLT 1/2" X 1" SS316	50	1	411790
8	-	-	4	4	EA	1/2" LOCKWASHER SS316	VARIES	VARIES	SPECIAL
9	-	-	2	2	EA	CLAMP MQB-41-R (SS316)	10	1	304061
10	-	-	6	6	EA	CHANNEL CONNECTOR MQN-R (SS316)	25	1	304012
11	AS REQ'D	AS REQ'D	AS REQ'D	AS REQ'D	EA	STRUT HS-158-12/HDG 10'	1	AS REQ'D	407570
12	AS REQ'D	AS REQ'D	AS REQ'D	AS REQ'D	EA	STRUT HS-158-12/HDG 10' B2B	1	AS REQ'D	2007087

NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- 2. ALL TRAY SUPPORTS SHALL BE SUSPENDED FROM CHANNELS.
- 3. "H.D." SUFFIX ON A DETAIL CALLOUT DENOTES THE USE OF HOLD DOWN CLAMPS IN LIEU OF EXPANSION GUIDES. EXAMPLE: DETAIL "T11AHD" IS THE SAME AS DETAIL "T11A" EXCEPT THE CLAMP IS INSTALLED FOR HOLD DOWN INSTEAD OF EXPANSION.
- 4. DESIGN ASSUMPTIONS:
 - a. NO LOADS CONSIDERED CONCEPT ONLY
 - b. CORROSION RESISTANCE REQD.: HDG / SS316
 - c. MAX. SUPPORT SPACING:
 - HORIZONTAL SUPPORT POINTS FOR CABLE TRAYS SHALL NOT EXCEED 20'-0". HORIZONTAL SUPPORT POINTS FOR 4" CHANNEL SHALL NOT EXCEED 12'-0".
 - d. NOT RATED FOR SEISMIC REGIONS.
- 4. REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.



All loading and design criteria supplied by customer is assumed accurate. Only the stated Design Assumptions were considered, and must be verified by the responsible Engineer of Record (EOR). The basis of Hilti component and connection design is the published data in the current Hilti Technical Guide, including material and cross-section properties, allowable load values, factors of safety, methods of calculation, and limiting factors. The EOR must verify suitability for any specific application, and the capacity of the supportive structure to receive the shown configuration and associated reaction loads. Modification to components and/or design may alter performance and must be evaluated by the EOR.

TYPICAL DETAIL TYPE:

CABLE TRAY SUPPORT

TYPICAL DETAIL DESCRIPTION:

TRAPEZE - SINGLE

DESIGNED BY:	REVIEWED BY:
KL	AJV
DRAWN BY:	ISSUE DATE:
GAB	02 JAN 15

NEVIGIONS.						
NO:	DESCRIPTION:	DATE:				
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TYPICAL DETAIL NOMENCLATURE:

CT-TR58-S

DRAWING NUMBER:	SHEET:
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