



VERTICAL CHANNEL OR TRAY SUPPORTED FROM CEILING (T9)

Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	EA	EA CABLE TRAY HOLD DOWN/EXPANSION CLAMP		VARIES	BY OTHERS
2	EA	HEX HEAD BOLT 1/2" X 1" SS316	50	1	411790
4	EA	1/2" LOCKWASHER SS316	VARIES	VARIES	SPECIAL
2	EA	WING NUT MQM-F1/2"-R (SS316)	25	1	304020
2	EΑ	STD STUD ANCHOR KB3 SS316 1/2X5 1/2	25	1	282571
10FT	EA	THREADED ROD 1/2" SS316	VARIES	AS REQ'D	SPECIAL
6	EA	HEX NUT STANDARD 1/2" SS316	100	1	411776
2	EA	WASHER 1/2" SS316	100	1	411781
2	EA	BASE PLATE MQZ-F1/2"-R (SS316)	20	1	304077
2	EA	1/2" ROD COUPLER SS316	VARIES	VARIES	SPECIAL
5FT	EA	STRUT HS-158-12/HDG 10' B2B	1	AS REQ'D	2007087
	1 2 4 2 2 10FT 6 2 2 2	1 EA 2 EA 4 EA 2 EA 2 EA 10FT EA 6 EA 2 EA 2 EA 2 EA	1 EA CABLE TRAY HOLD DOWN/EXPANSION CLAMP 2 EA HEX HEAD BOLT 1/2" X 1" SS316 4 EA 1/2" LOCKWASHER SS316 2 EA WING NUT MQM-F1/2"-R (SS316) 2 EA STD STUD ANCHOR KB3 SS316 1/2X5 1/2 10FT EA THREADED ROD 1/2" SS316 6 EA HEX NUT STANDARD 1/2" SS316 2 EA WASHER 1/2" SS316 2 EA BASE PLATE MQZ-F1/2"-R (SS316) 2 EA 1/2" ROD COUPLER SS316	1       EA       CABLE TRAY HOLD DOWN/EXPANSION CLAMP       VARIES         2       EA       HEX HEAD BOLT 1/2" X 1" SS316       50         4       EA       1/2" LOCKWASHER SS316       VARIES         2       EA       WING NUT MQM-F1/2"-R (SS316)       25         2       EA       STD STUD ANCHOR KB3 SS316 1/2X5 1/2       25         10FT       EA       THREADED ROD 1/2" SS316       VARIES         6       EA       HEX NUT STANDARD 1/2" SS316       100         2       EA       WASHER 1/2" SS316       100         2       EA       BASE PLATE MQZ-F1/2"-R (SS316)       20         2       EA       1/2" ROD COUPLER SS316       VARIES	Unit Qty         Unit         Description         Box Qty         Needed           1         EA         CABLE TRAY HOLD DOWN/EXPANSION CLAMP         VARIES         VARIES           2         EA         HEX HEAD BOLT 1/2" X 1" SS316         50         1           4         EA         1/2" LOCKWASHER SS316         VARIES         VARIES           2         EA         WING NUT MQM-F1/2"-R (SS316)         25         1           2         EA         STD STUD ANCHOR KB3 SS316 1/2X5 1/2         25         1           10FT         EA         THREADED ROD 1/2" SS316         VARIES         AS REQ'D           6         EA         HEX NUT STANDARD 1/2" SS316         100         1           2         EA         WASHER 1/2" SS316         100         1           2         EA         BASE PLATE MQZ-F1/2"-R (SS316)         20         1           2         EA         1/2" ROD COUPLER SS316         VARIES         VARIES

## NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- 2. VERTICAL RACEWAY SUPPORTS FROM STRUCTURAL STEEL OR PLATFORMS SHALL BE WELDED OR BOLTED TO STEEL.
- 3. 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.
- 3. 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:

REVISIONS:

## TRAPEZE - SINGLE - VERTICAL

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

NO.	DESCRIPTION:	DATE:
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TYPICAL DETAIL NOMENCLATURE:

## CT-TR55-C

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