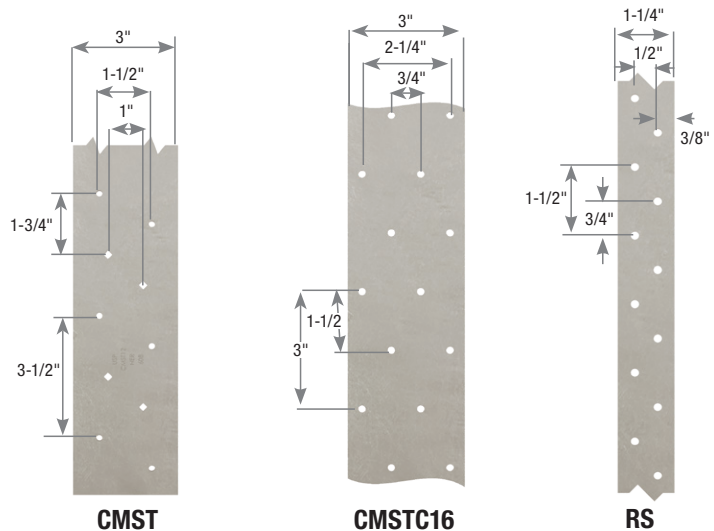


MiTek straps may be used to create a tension connection between multiple CFS members with the use of self-tapping screws.

Materials: See chart
Finish: G90 galvanizing

Installation:

- Use all specified fasteners.
- Install equal amount of screws on each end of tension connection.



MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions		Fastener O.C. Spacing (in)	Fastener Schedule				Allowable Shear Loads (Lbs.)			Allowable Tension Loads (Lbs.) ¹			Code Ref.			
			W (in)	Coil Length (ft)		Min Qty ^{3,4}			Type ^{2,5}	33 mil (20ga)	43 mil (18ga)	54 mil (16ga)	33 mil (20ga)	43 mil (18ga)	54 mil (16ga)		33 mil (20ga)	43 mil (18ga)	54 mil (16ga)
						33 mil (20ga)	43 mil (18ga)	54 mil (16ga)											
CMST12	CMST12	12	3	40'	1-3/4	106	72	36	#10	177	263	534	9318						
CMST14	CMST14	14	3	52-1/2'	1-3/4	76	52	26	#10	177	263	534	6630						
CMSTC16	CMSTC16	16	3	54'	1-1/2	54	36	18	#10	177	263	534	4715						
RS20-R	CS20-R	20	1-1/4	25'	1-1/2	12	8	8	#10	177	276	329	1045						
RS250	CS20			250'															
RS18-R	CS18-R	18	1-1/4	25'	1-1/2	16	12	8	#10	177	263	433	1375			--			
RS100	--			100'															
RS200	CS18			200'															
RS16-R	CS16-R	16	1-1/4	25'	1-1/2	20	14	8	#10	177	263	534	1732						
RS150	CS16			150'															
RS14-R	CS14-R	14	1-1/4	25'	1-1/2	30	20	10	#10	177	263	534	2612						
RS14-100	CS14			100'															

1) Allowable load is tension capacity of the strap based on the total quantity of screws installed in the strap to develop full tension strength.
 2) Allowable loads are based on Grade 33 steel for 43 mil (18 ga) and thinner CFS members and Grade 50 steel for 54 mil (16 ga) and thicker CFS members.
 3) Install half the total quantity of fasteners on each end of the strap to achieve full tension load of strap.
 4) Minimum quantity of fasteners to be installed with equal fasteners at each end of the connection. Product may have additional holes not needed to meet the published allowable load of the strap.
 5) #10 screws are ITW Buildex 10-16 HWH Tek's Structural Fasteners with a nominal diameter of 0.190". Self-drilling tapping screws with equivalent physical and strength properties may be used.

Copyright © 2020 MiTek Industries, Inc. All Rights Reserved