

MiTek Stock No.	Ref. No.	Steel Gauge	Coil Length	DF/SP					S-P-F / Hem Fir						
				Rim Joist Installation		Fastener Schedule ^{3,4}		Nail Spacing O.C.	Allowable Tension (Lbs.) ¹ 160%	Rim Joist Installation		Fastener Schedule ^{3,4}		Nail Spacing O.C.	Allowable Tension (Lbs.) ¹ 160%
				Cut Length	End Length	Min Qty. ²	Type			Cut Length	End Length	Min Qty. ²	Type		
CMSTC16	CMSTC16	16	54'	Clear Span + 46"	23"	60	10d	1-1/2"	4715	Clear Span + 58"	29"	74	10d	1-1/2"	4715
				Clear Span + 90"	45"	60	10d	3"		Clear Span + 112"	56"	74	10d	3"	
				Clear Span + 40"	20"	50	16d	1-1/2"		Clear Span + 48"	24"	62	16d	1-1/2"	
				Clear Span + 76"	38"	50	16d	3"		Clear Span + 94"	47"	62	16d	3"	
CMST14	CMST14	14	52-1/2'	Clear Span + 58"	29"	64	16d	1-3/4"	6630	Clear Span + 72"	36"	80	16d	1-3/4"	6630
				Clear Span + 130"	65"	74	10d	3-1/2"		Clear Span + 164"	82"	94	10d	3-1/2"	
				Clear Span + 256"	128"	74	10d	7"		Clear Span + 326"	163"	94	10d	7"	
CMST12	CMST12	12	40'	Clear Span + 74"	37"	82	16d	1-3/4"	9320	Clear Span + 90"	45"	102	16d	1-3/4"	9320
				Clear Span + 168"	84"	96	10d	3-1/2"		Clear Span + 206"	103"	118	10d	3-1/2"	
				Clear Span + 332"	166"	96	10d	7"		Clear Span + 410"	205"	118	10d	7"	
RS300	--	22	300'	Clear Span + 12"	6"	12	10d	1-1/2"	925	Clear Span + 14"	7"	16	10d	1-1/2"	925
RS22-R	--					25'	14	8d		1-1/2"	Clear Span + 16"	8"	18	8d	
		25'	12				10d	1-1/2"		Clear Span + 14"	7"	16	10d	1-1/2"	
14	8d		1-1/2"			Clear Span + 16"	8"	18		8d	1-1/2"				
RS300	--	22	300'	Clear Span + 12"	6"	12	10d	1-1/2"	925	Clear Span + 14"	7"	16	10d	1-1/2"	925
RS22-R	--					25'	14	8d		1-1/2"	Clear Span + 16"	8"	18	8d	
		25'	12				10d	1-1/2"		Clear Span + 14"	7"	16	10d	1-1/2"	
14	8d		1-1/2"			Clear Span + 16"	8"	18		8d	1-1/2"				
RS250	CS20	20	250'	Clear Span + 12"	6"	14	10d	1-1/2"	1045	Clear Span + 16"	8"	18	10d	1-1/2"	1045
RS20-R	CS20-R			25'	Clear Span + 14"	7"	16	8d		1-1/2"	Clear Span + 18"	9"	20	8d	
		Clear Span + 12"	6"		14	10d	1-1/2"	Clear Span + 16"		8"	18	10d	1-1/2"		
Clear Span + 14"	7"	16	8d	1-1/2"	Clear Span + 18"	9"	20	8d		1-1/2"					
RS200	--	18	200'	Clear Span + 16"	8"	18	10d	1-1/2"	1375	Clear Span + 18"	9"	22	10d	1-1/2"	1375
RS100	--			100'	Clear Span + 18"	9"	22	8d		1-1/2"	Clear Span + 22"	11"	26	8d	
		RS18-R	--		25'	Clear Span + 16"	8"	18		10d	1-1/2"	Clear Span + 18"	9"	22	
Clear Span + 18"	9"			22		8d	1-1/2"	Clear Span + 22"		11"	26	8d	1-1/2"		
RS150	CS16	16	150'	Clear Span + 18"	9"	22	10d	1-1/2"	1730	Clear Span + 24"	12"	28	10d	1-1/2"	1730
RS16-R	CS16-R			25'	Clear Span + 22"	11"	26	8d		1-1/2"	Clear Span + 26"	13"	32	8d	
		Clear Span + 18"	9"		22	10d	1-1/2"	Clear Span + 24"		12"	28	10d	1-1/2"		
Clear Span + 22"	11"	26	8d	1-1/2"	Clear Span + 26"	13"	32	8d		1-1/2"					
RS14-100	CS14	14	100'	Clear Span + 24"	12"	28	10d	1-1/2"	2610	Clear Span + 30"	15"	36	10d	1-1/2"	2610
RS14-R	CS14-R			25'	Clear Span + 28"	14"	34	8d		1-1/2"	Clear Span + 34"	17"	42	8d	
		Clear Span + 24"	12"		28	10d	1-1/2"	Clear Span + 30"		15"	36	10d	1-1/2"		
Clear Span + 28"	14"	34	8d	1-1/2"	Clear Span + 34"	17"	42	8d		1-1/2"					

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
2) Minimum quantity of fasteners to be installed with equal fasteners at each end of the connection. Fasteners must be installed a minimum 1" distance from the end of the studs. Product may have additional nail holes not needed to meet published allowable load.
3) 8d (0.131") x 1-1/2" nails can replace 8d nails and 10d (0.148") x 1-1/2" nails can replace 10d nails with no load reduction.
4) **NAILS:** 8d nails are 0.131" dia. x 2-1/2" long, 10d nails are 0.148" dia. x 3" long.