

MiTek Stock No.	Ref. No.	Steel Gauge	Coil Length	DF/SP					S-P-F / Hem Fir							
				Rim Joist Installation		Fastener Schedule <sup>3,4</sup>		Nail Spacing O.C.	Allowable Tension (Lbs.) <sup>1</sup> 160%	Rim Joist Installation		Fastener Schedule <sup>3,4</sup>		Nail Spacing O.C.	Allowable Tension (Lbs.) <sup>1</sup> 160%	
				Cut Length	End Length	Min Qty. <sup>2</sup>	Type			Cut Length	End Length	Min Qty. <sup>2</sup>	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		1-1/2"
							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		1-1/2"
			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		1-1/2"
			Clear Span + 16"		8"	18	10d	1-1/2"		Clear Span + 18"	9"	22	10d	1-1/2"		
			Clear Span + 18"		9"	22	8d	1-1/2"		Clear Span + 22"	11"	26	8d	1-1/2"		
RS18-R	--		25'	Clear Span + 16"	8"	18	10d	1-1/2"		Clear Span + 18"	9"	22	10d	1-1/2"		
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		1-1/2"
			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		1-1/2"
			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) 16d sinker nails may be substituted for 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, 16d nails are 0.162" dia. x 3-1/2" long.