

Round Pipe and Round Steel Tubing Posts

Frame components can be carbon steel or stainless steel. This style has been designed to perform satisfactorily when subjected to the tension encountered when multiple load points (cables) are attached and tensioned properly to your end posts (400 lbs. or more per line).

The following pages contain detailed drawings for 1-1/4", 1-1/2" and 2" standard pipe. Minimum schedule 80 pipe is required for your end posts. The drawings show proper spacings of the cables vertically on the end posts for standard round pipe. Those spacings allow for cable flex within allowable limits to meet code requirements that a 4" ball shall not pass through at any point.

Round tubing can be used with a wall thickness at least comparable to schedule 80 pipe. If you are using round tubing, the drawings on the following pages must be modified to allow for the different diameters of tubing versus pipe. Spacing of the cables vertically on the end posts should provide for no more than 3" of free opening between cables, to allow for cable flex within most allowable code limits.

Note the tubed corner sections that are illustrated. They replace corner posts with hardware mounted on two sides or two posts with cable pulled between them. The cable runs through tubes welded to two posts. It makes a nice looking corner with uniform curves going around the corner. See Tubed Corner Sections section of this guide for detailed drawings.

