



FID INFORMATION

FID LENGTH DEFINITION

The "fid length" for a rope is calculated as 21 times the rope diameter. As the rope diameter increases, so does the fid length. For example the fid length for a 4" diameter rope is 84".

The length of the splicing tool, called a "fid", may or may not have a 1:1 correlation with the fid length for a given rope diameter. Refer to the example above and imagine trying to splice a 4" diameter rope with an 84" fid. To keep fids to a manageable length, they may be scaled to the actual fid length of a given rope diameter. Our tubular fids are 100% scale, meaning that the overall length of the tool is equal to the actual fid length for the corresponding rope diameter. Our wire fids are 1/2 scale, meaning that the length of the tool is 1/2 the actual fid length for the corresponding rope diameter.

CALCULATING FID SHORT SECTION

1/4" – 1/2" short section is 37.5% of fid length

9/16" – 3/4" short section is 30% of fid length

7/8" and up short section is 25% of fid length

ALUMINUM TUBULAR FIDS

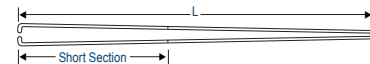
A different sized splicing fid is required for each size of rope.



Fid Size = Rope Dia. (Inches)	Total Fid Length (Inches)	Short Fid Section (Inches)
1/4"	5-1/2"	2-1/16"
5/16"	6-3/4"	2-1/2"
3/8"	7-3/4"	2-7/8"
7/16"	9-1/2"	3-9/16"
1/2"	11"	4-1/8"
9/16"	12-1/4"	3-5/8"
5/8"	14"	4-1/8"
3/4"	16"	4-3/4"
7/8"	19"	4-3/4"
1"	21"	5-1/4"

WIRE FIDS

For rope sizes above 3" circumference (1" diameter), use a wire fid. Fid scale: 1/2 (for rope diameters between 1" and 2").



Fid Size = Rope Dia. (Inches)	Total Fid Length "L" (Inches)	Short Section "C" (Inches)
1"	10-1/2"	2-5/8"
1-1/8"	12-1/4"	3"
1-1/4"	13-1/4"	3-1/4"
1-5/16"	14"	3-1/2"
1-1/2"	16"	4"
1-5/8"	17-1/2"	4-1/2"
1-3/4"	19"	4-3/4"
2"	21"	5-1/4"