



TERMINAL EFFICIENCIES (APPROXIMATE)

Efficiencies are based on nominal strengths

Type of Termination	Efficiency	
	Rope with IWRC*	Rope with FC**
Wire Rope Socket (Spelter or Resin)	100%	100%
Swaged Socket (Regular Lay Ropes Only)	100%	(Not established)
Mechanical Spliced Sleeve		
1" dia. and smaller	95%	92½%
Greater than 1" dia. through 2"	92½%	90%
Greater than 2" dia. through 3½"	90%	(Not established)
Loop or Thimble Splice—Hand Spliced (Tucked) (Carbon Steel Rope)		
¼"	90%	90%
⅝"	89%	89%
⅜"	88%	88%
⅞"	87%	87%
½"	86%	86%
⅝"	84%	84%
¾"	82%	82%
⅞" thru 2½"	80%	80%
Loop or Thimble Splice—Hand Spliced (Tucked) (Stainless Steel Rope)		
¼"	80%	
⅝"	79%	
⅜"	78%	
⅞"	77%	
½"	76%	
⅝"	74%	
¾"	72%	
⅞"	70%	
Wedge Sockets*** (Depending on Design)	75% to 90%	75% to 90%
Clips*** (Number of clips varies with size of rope)	80%	80%

*IWRC = Independent Wire Rope Core **FC = Fiber Core

***Typical values when applied properly. Refer to fittings manufacturers for exact values and method.