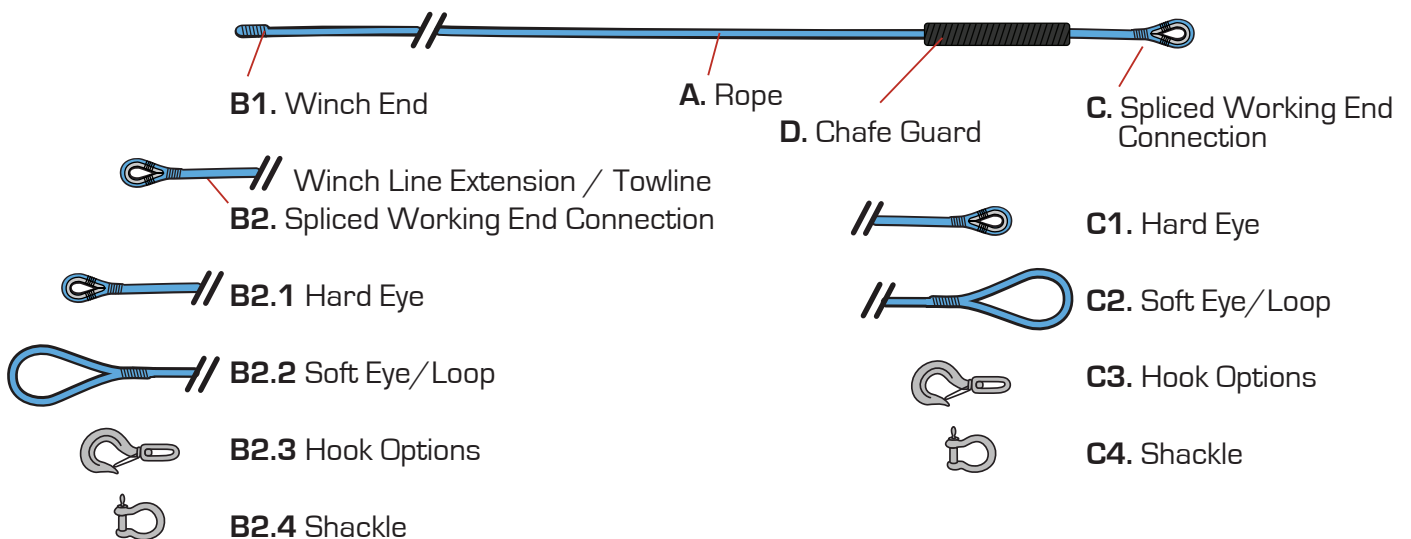


Denver Rope - Winch / Tow Line Worksheet

- Working Load: For Commercial Winch / Towing Applications the W.L. is chosen to be equal to the fully loaded weight of the towed vehicle as a minimum. For light duty applications the W.L. is often chosen to be 1/3 – 1/2 the fully loaded weight of the towed vehicle.
- Denver Rope is always concerned as not to exceed a customer's budget. However, the Owner is legally responsible for the safety of his passengers and equipment; therefore, it is always better to error on the conservative side when specifying a Winch / Tow Line.
- Please fill out this worksheet the best you can and return to Denver Rope. Thank you.

Please describe below your towing vehicle and the towed vehicle. Include weight, location, etc.

Please describe below what you are specifying on this worksheet; Winch Line / Winch Line Extension, other.



- A. SK-75 Dyneema 12-Strand Rope** (Lite Steel, Amsteel, and other trade names)
1. Specify Length _____ (50ft is typical – customer specified)
 2. Specify Diameter _____ (*Denver Rope Strength Guide*)
 3. Specify Color _____ (blue is standard, for other colors inquire)
- *DR will assist the customer in selecting the diameter of rope and hardware that matches the W.L. of the line.

- B1. Winch End Connection** (Specify a Bitter End)
1. Bitter End _____ (y/n – standard)
 2. Finishing Options _____ (y/n – customer specified below)
 - a. Taped & Cut _____ (y/n – standard)
 - b. Melted / Sealed _____ (y/n – end cut fibers are melted and sealed)
 - c. Heat Shrink _____ (y/n – black heat shrink covers the end cut)

B2. Winch Line Extension or Tow Line (see part B2 at end of this worksheet)

- C. Working End Connection** (choose between 1 or 2 below)
1. Heavy Duty Stainless Hard Eye _____ (y/n - standard)
 - a. Wire Rope Thimble _____ (y/n – customer specified)
 - b. Tube Thimble _____ (y/n – customer specified)
 2. Soft Eye / Loop _____ (y/n – customer specified below)
 - a. Eye Splice Size _____ (6", 8", 10", 12", 18", 24" are typical)
 - b. Chafe Guard _____ (y/n - covered eyes are recommended)
 3. Hook _____ (y/n - customer specified below)
 - a. Spliced Permanent _____ (y/n – customer specified)
 - b. Shipped Loose _____ (y/n – customer specified)
 - c. Hook Options _____ (y/n – choose from list below)
 1. One _____ (y/n – customer specified)
 2. Two _____ (y/n – customer specified)
 3. Three _____ (y/n – customer specified)
 4. Four _____ (y/n – customer specified)
 4. Shackle (shipped loose) _____ (y/n – customer specified below)
 - a. Galvanized _____ (y/n – customer specified)
 - b. Stainless _____ (y/n – customer specified)

- D. Chafe Guard**
1. Chafe Guard _____ (y/n – standard)
 2. Length _____ (y/n – customer specified)
 3. Floating Loose _____ (y/n – standard)
 4. Sewn in Place _____ (y/n – customer specified below)
 - a. where _____
-
-

* Dyneema Winch Line Extension or Recovery / Tow Line*
 If a bitter end is not required or sufficient, then complete B2 below for a working end connection.

B2. Working End Connection

- (choose between 1 or 2 below)
- 1. Heavy Duty Stainless Hard Eye _____ (y/n - standard)
 - a. Wire Rope Thimble _____ (y/n – customer specified)
 - b. Tube Thimble _____ (y/n – customer specified)
 - 2. Soft Eye / Loop _____ (y/n – customer specified below)
 - a. Eye Splice Size _____ (6”, 8”, 10”, 12”, 18”, 24” are typical)
 - b. Chafe Guard _____ (y/n - covered eyes are recommended)
 - 3. Hook _____ (y/n - customer specified below)
 - a. Spliced Permanent _____ (y/n – customer specified)
 - b. Shipped Loose _____ (y/n – customer specified)
 - c. Hook Options _____ (y/n – choose from list below)
 - 1. One _____ (y/n – customer specified)
 - 2. Two _____ (y/n – customer specified)
 - 3. Three _____ (y/n – customer specified)
 - 4. Four _____ (y/n – customer specified)
 - 4. Shackle (shipped loose) _____ (y/n – customer specified below)
 - a. Galvanized _____ (y/n – customer specified)
 - b. Stainless _____ (y/n – customer specified)

www.denverrope.com

For customer service and inquiries please call John 303-809-7274
or email john@denverrope.com.

Please email the completed worksheet back to John of Denver Rope
or can fax to 305-635-0530 attention Cari Valdes – Denver Rope.