



Large Dimension Hose Repair Coupling

Part One: Introduction:

DOUBLE BOLT MENDER, also called Shug Hose Menders are designed for the repair of damaged hoses without removing them from the field. Easily installed, field re-pairable, and re-attachable menders reduce the mainline hoses down time. The Shug Grip Double Bolt Clamps are designed to be used with a specialty type hose barb. Built with hose blow-offs and hose tearing in mind, use of this clamp (with the corresponding barb) will guarantee a positive hose connection! Th DOUBLE BOLT MENDER, also called Shug Hose Menders are designed for the repair of damaged hoses without removing them from the field. Easily installed, field re-pairable, and re-attachable menders reduce the mainline hoses down time. The Shug Grip Double Bolt Clamps are designed to be used with a specialty type hose barb. Built with hose blow-offs and hose tearing in mind, use of this clamp (with the corresponding barb) will guarantee a positive hose connection! The large dimension couplings are multi-purpose used. Such as in water fracturing process, agriculture, firefighting, emergency repairs & water supplies, temporary installations and Bypasses.

Part Two: LDHC-Repair Hose repair coupling Spec:

1. Body material: 6061-T6 Aluminum,
2. Bolts and Nuts: Galvanized steel 8.8 grade
3. Manufacture method: Mold Forged
4. Surface Treatment: Hard Anodized coated
5. Bolts and nuts number: 4" 6" 8" and 10": 12pc, 12", 14", 16" 16pc
6. Rated pressure: high strength forged heads and forged aluminum locks to exceed lock shear test of 300lbs
4" -6" WP:300PSI, BP: 900PSI
8" WP:250PSI, BP:750PSI
10" WP:200PSI, BP:600PSI
12"-16" WP:150PSI, BP:450PSI
7. Temperature: -50°C to 80°C
8. Scope of hose wall thickness: 3.5-6mm
9. Connect method: Hose Mender with segment clamp

10. Size available: 4", 6", 8", 10", 12", 16"
11. Clamp pieces: 4"-10":3pc, 12": 4pc
12. OD of LDHC shank nipple: 4" 101mm, 6" 152mm, 8" 203mm, 10" 254mm, 12" 304mm
13. Unite Weight: 6" 14kg, 8" 18kg, 10" 25kg, 12" 32kg

Note: If the actual hose ID is smaller than the normal hose size, hose expander is recommended to assistant assembling the hose

Part Three: LDHC-Repair Hose repair coupling Features:

- a. Full Bore design to minimize friction loss and increase flow
- b. Sexless design to facilitate assembly and connection
- c. Can be used with PVC/Nitrile or PU lay-flat hose
- d. Light-weight aluminum design
- e. Hard-coat anodized for abrasion resistance, anodized to Type II and Type III standards
- f. Simple, low maintenance clamping mechanism
- g. Rugged drag coupling is designed for use on rough terrain Field-proven results for over 15 years in the agricultural industry
- h. Truly re-attachable fitting allows for easy fix in the field

Part Four: LDHC-Repair Hose repair coupling Applications:

- Agriculture irrigation :Manure injection and Water transfer
- Fire fighting
- Oil industry applications: Onshore/ offshore oil or gas exploration
- Dewatering & drainage: Suction and delivery lines for site dewatering
- Bypass for water & sewer lines, Dredging
- Water transfer (fresh & waste water)
- Mining & tunneling, industrial wastewater processing
- Civil engineering projects, municipal wastewater systems
- Emergency water supply, such as flood disaster and fire control
- Sludge handling
- Road construction

More Details:

