ICMIndustries
INDUSTRIES HOSE COUPLINGS AND VALVES
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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℃ to 80℃
8. Scope of hose wall thickness: 3.5-6mm
9. Connect method: Hose Mender with segment clamp

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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

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More Details:





