



## Large Dimension Storz Safety Latch type Hose Coupling

### Part One: Introduction:

Large diameter hose couplings and fittings are very popular in American market in the past few years. Mainly is due to the blooming of shale oil business. These large diameter couplings not only used in Oil field, but is multi-purpose used. Such as in water fracturing process, agriculture, firefighting, emergency repairs & water supplies, temporary installations and Bypasses

### Part Two: LDHC-Storz safety latch type coupling Spec:

1. Body material: 6061-T6 Aluminum,
2. Bolts and Nuts: Galvanized steel 12.9 grade
3. Manufacture method: Mold Forged
4. Surface Treatment: Hard Anodized coated, thickness 45  $\mu$  m
5. Bolts and nuts number: 12" 12pc
6. Rated pressure: high strength forged heads and forged aluminum locks to exceed lock shear test of 300lbs  
12" WP:210PSI, BP:630PSI
7. Temperature: -50°C to 80°C
8. Scope of hose wall thickness: 3.5-6mm
9. Connect method: with four lugs standard Storz coupling with lock
10. Past 96 hours salt spray test
11. Size available: 12"
12. Clamp pieces: 12": 3pc
13. Unite Weight: 12" 38kg

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-Storz safety latch type 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-Storz safety latch type coupling Applications:

- 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
- Civil engineering projects,
- Emergency water supply, such as flood disaster and fire control
- Sludge handling
- Road construction
- Irrigation systems
- Well point & Pumps & pumping stations

### Part Five: Photos in work place





More Details:



Storz wrench: 7/8"X 18" 2PCS

Reference FF flange photo



If you are interested, please feel free to contact us. We have confidence to get your connections done. We have confidence to offer safer, reputable and valuable solutions for your hoses and equipment. Contact with us now!

[contactus.html](#)

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