

LSQ-DL/DLD 多路快速接头组合板系列 (新)
LSQ-DL/DLD MULTICOUPLINGS SERIES (NEW)

 两端开闭式
Socket with valve Plug with valve



主要应用

- 农业设备
- 移动式工程设备
- 车辆
- 工业设备

Main Applications:

- Agricultural equipment
- Mobile construction equipment
- Vehicles
- Industrial equipment

LSQ-DL/DLD 系列是结构紧凑的手动式多路快速接头组合板, 提供了需要几路液压回路同时断开或连接的广泛解决方案。最多可用 6 路快速接头安全地同时断开或对接, 动作简单, 快捷高效。根据应用需要, 各路尺寸可相同或不同。

LSQ-DL/DLD have a compact structure, manual multi-couplings that offer a wide range of solutions for any application requiring connection and disconnection of several hydraulic. Up to 6 lines can be simultaneously connected and disconnected by a safe, simple and quick movement requiring low effort. The lines can all have the same size or each line can be different from the others according to the application.

技术性能与选项

- 互换性标准: 松乔内部标准
- 机械连接: 内部凸轮和锁销
- 对接系统: 旋转拉杆
- 断开系统: 旋转拉杆
- 材质和表面处理:
 - 安装板: 铝合金氧化
 - 凸轮和锁销: 经特殊热处理的碳钢
- 其他组件: 碳钢镀锌或镀锌镍处理

TECHNICAL FEATURES AND OPTIONS

- Interchangeability: Songqiao internal Standard
- Mechanical connection: Internal cams and locking pins
- Connection system: Rotating the lever
- Disconnection system: Rotating the lever
- Construction material and surface treatment:
 - Body plates in aluminum alloy oxidation
 - Cams and pins in high resistance carbon steel with special heat treatment.
- Others components in carbon steel with zinc plating or zinc nickel treatment.

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使用方法:

对接:

- 在对接之前应当清洁连接面, 以避免灰尘杂质污染管路。
 - 对接时将移动部分的定位销插入固定部分的定位孔(图1)。
 - 操作手柄转动杆向下(图2)。
 - 继续旋转直到安全锁自动锁定连接(图3)。
 - 现在组合板处于连接即准备工作状态。
- 如果对接时管路里存在残存压力, 仅在对接时手柄行程的最后三分之一需要最大对接力。

拆断:

- 按下红色安全按钮, 同时向上提起手柄(图4)。
- 继续旋转直到机械停止的位置(图5)。
- 现在组合板是分开状态, 移动部分可以拿开(图6)。
- 当固定部分在上, 移动部分在下, 即颠倒安装时, 移动部分应有保护装置, 避免它掉下来造成损害。
- 如果拆断时管路里存在残余压力, 仅在拆断时手柄行程的最初三分之一需要最大对接力。

技术规范

规格(英寸)	3/8	1/2
额定压力(Psi)	4350	4350
额定流量(GPM)	6	12
温度范围(标准密封圈)	-20℃至+120℃	
标准密封圈材料为丁腈橡胶 NBR		

Specifications

Body Size(in)	3/8	1/2
Rated Pressure(Psi)	4350	4350
Rated Flow(GPM)	6	12
Temperature Range(std seals)	-20℃ to +120℃	
Standard seal material is NBR		

HOW TO USE:

TO CONNECT:

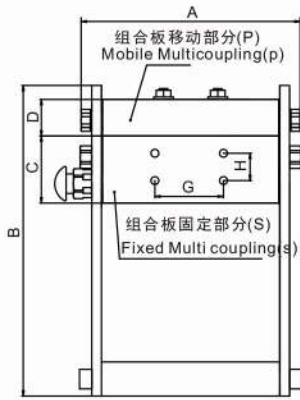
- Before to couple clean the flat mating surface of the couplings to avoid the inclusion of dirty in the circuit.
- Insert the guidance pins of the mobile multicoupling in the holes of the fixed multicoupling and move the mobile half till the contact of the couplings faces (fig. 1).
- Acting on the handle turn the lever in the direction of the fixed multicoupling (fig. 2).
- Continue to rotate till the safety lock automatically engage itself (fig. 3).
- Now the multicoupling is coupled and ready to work. In case of connection with residual pressure in the circuit, the maximum force is required only for the last third of the connection.

TO DISCONNECT:

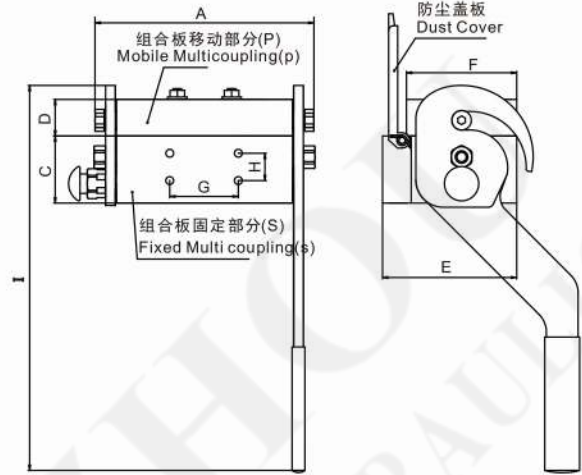
- Push the red safety button, at the same time acting on the handle turn the lever in the direction of the mobile multicoupling (fig. 4).
- Continue to rotate till the mechanical stop of the levers (fig. 5).
- Now the multicoupling is uncoupled and it is possible to pull out the mobile half (fig. 6).
- When the fixed multicoupling is mounted upside down, the mobile multicoupling must be supported in order to avoid it fall down causing damage.
- In case of disconnection with residual pressure in the circuit, the maximum force is required only for the first third of the disconnection.

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LSQ-DL



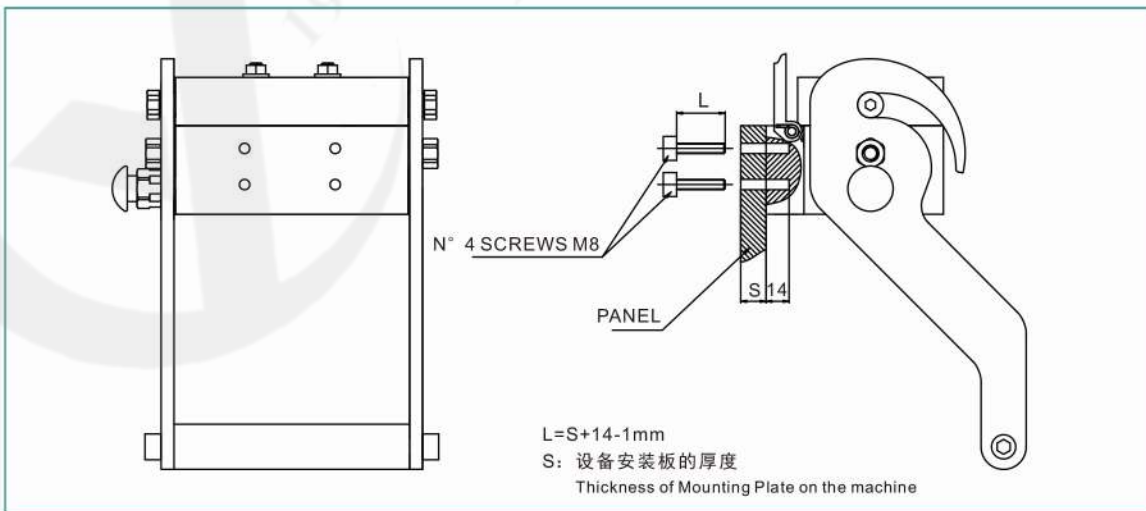
LSQ-DLD

SIZE	DL PART NO.	A	B	C	D	E	F	G	H	DLD PART NO.	A	B	C	D	E	F	G	H
6*1/2(12.5)	LSQ-DL6-04	179.5	255	55	30	110	90.4	50	30	LSQ-DLD6-04	179.5	314	55	30	110	90.4	50	30
4*1/2(12.5)	LSQ-DL4-04	135.3	255	55	30	110	90.4	50	30	LSQ-DLD4-04	135.3	314	55	30	110	90.4	50	30
2*1/2(12.5)	LSQ-DL2-04	123	255	55	30	110	90.4	47.3	30	LSQ-DLD2-04	123	314.5	55	30	110	90.4	47.3	30
6*3/8(10)	LSQ-DL6-03	160.5	255	50	25	110	86.5	84.8	28	LSQ-DLD6-03	160.5	314.5	50	25	110	86.5	84.8	28
4*3/8(10)	LSQ-DL4-03	123	255	50	25	110	88.5	47.3	28	LSQ-DLD4-03	123	314.5	50	25	110	88.5	47.3	28
2*3/8(10)	LSQ-DL2-03	123	255	50	25	110	88.5	47.3	28	LSQ-DLD2-03	123	314.5	50	25	110	88.5	47.3	28

安装INSTALLATION:

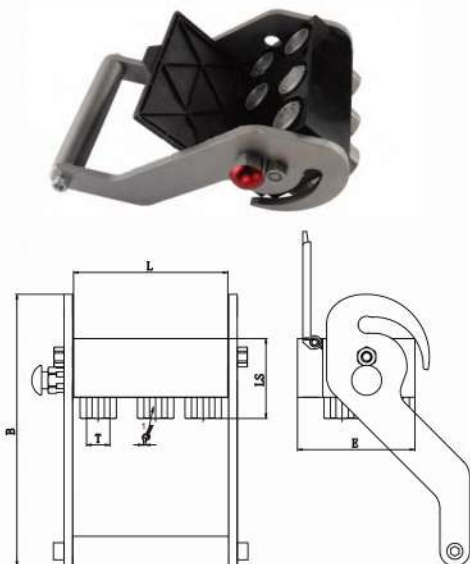
将固定部分通过螺纹孔固定在设备上，示图如下。

Fix the fixed multicoupling on the machine using fixing screws as indicated in the drawing here below.

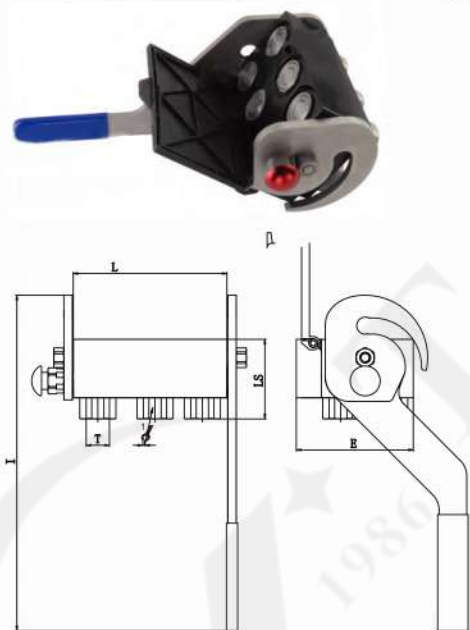


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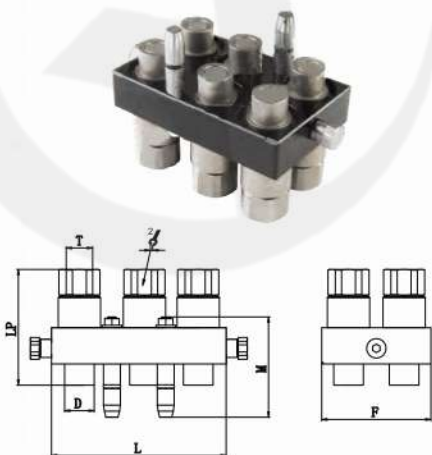
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SIZE	PART NO.	T		L	LS	B	E
6*1/2(12.5)	LSQ-DL6-04 SF	G1/2	S32六角	144.5	74.9	255	110
4*1/2(12.5)	LSQ-DL4-04 SF	G1/2	S32六角	100.3	74.9	255	110
2*1/2(12.5)	LSQ-DL2-04 SF	G1/2	S32六角	88	74.9	255	110
6*3/8(10)	LSQ-DL6-03 SF	G3/8	S24六角	125.5	68	255	110
4*3/8(10)	LSQ-DL4-03 SF	G3/8	S24六角	88	68	255	110
2*3/8(10)	LSQ-DL2-03 SF	G3/8	S24六角	88	68	255	110



SIZE	PART NO.	T		L	LS	I	E
6*1/2(12.5)	LSQ-DLD6-04 SF	G1/2	S32六角	144.5	74.9	314.5	110
4*1/2(12.5)	LSQ-DLD4-04 SF	G1/2	S32六角	100.3	74.9	314.5	110
2*1/2(12.5)	LSQ-DLD2-04 SF	G1/2	S32六角	88	74.9	314.5	110
6*3/8(10)	LSQ-DLD6-03 SF	G3/8	S24六角	125.5	68	314.5	110
4*3/8(10)	LSQ-DLD4-03 SF	G3/8	S24六角	88	68	314.5	110
2*3/8(10)	LSQ-DLD2-03 SF	G3/8	S24六角	88	68	314.5	110



SIZE	PART NO.	T		L	LP	M	F	D
6*1/2(12.5)	LSQ-DL6-04 PF	G1/2	S32六角	144.5	95.8	83	90.4	24.54
4*1/2(12.5)	LSQ-DL4-04 PF	G1/2	S32六角	100.3	95.8	83	90.4	24.54
2*1/2(12.5)	LSQ-DL2-04 PF	G1/2	S32六角	88	95.8	83	90.4	24.54
6*3/8(10)	LSQ-DL6-03 PF	G3/8	S24六角	125.5	78	83	86.5	19.75
4*3/8(10)	LSQ-DL4-03 PF	G3/8	S24六角	88	78	83	88.5	19.75
2*3/8(10)	LSQ-DL2-03 PF	G3/8	S24六角	88	78	83	88.5	19.75