

## HLA-PT CLOSE TYPE HYDRAULIC QUICK COUPLING (STEEL)



### Features

- Sleeve locking mechanism is engaged by rotating sleeve after connection. It prevents accidental disconnection when the coupling is dragged along the ground.
- Sleeve mechanism is designed to help prevent dirt from entering the internal mechanism and thus causing faulty operation when connecting or disconnecting. The sleeve covers the retaining ring and also incorporates a dust seal in the spring area.
- Steel construction, zinc plated with yellow chromate finish, hardened nipples and sleeves and solid bar stock construction for maximum resistance to damage from hydraulic and mechanical shock.
- This Anti-Blowout Nitrile/PTFE bonded seal is designed to prevent blow-out or damage during severe service conditions.
- Durable ball-locking mechanism assures reliable connections, every time. A large number of locking balls distributes the workload evenly while providing alignment and swiveling action to reduce hose torque and prolong hose life.  
CAUTION: These products are not to be used as swivels. Rotation under pressure will result in excessive and premature wear.
- HLA-PT Series couplings employ flush valving when connecting or disconnecting. This means that the valves are mated together so that only small amounts of fluid can be lost during disconnection or air inclusion during reconnection.
- HLA-PT series conforms to standard of ISO 16028.
- Compatible with PARKER FE Series, FF Series, STUCCHI A8008 Series, AEROQUIP FD89 Series and HANSEN QA2900 Series.

### Applications

SongQiaoHLA-PT Series couplings are widely used in the public utility market where hydraulic oil spillage can constitute a serious safety hazard, particularly in overhead bucket hoists that are used for maintenance of high-voltage power transmission lines. These couplings are also used for quick change of hydraulic tools in construction, railway maintenance and mining industries. The ease of cleaning makes them ideal for use in these types of hostile environments.

### Specifications

Body Size	1/4	3/8	1/2	3/4	1	1-1/4
Rated Pressure (PSI)	5000	3000	3000	3000	3000	3000
Rated Flow (GPM)	3	6	12	28	50	88
Temperature Range			-20°C to +100°C			
Spillage (ML) (max. per disconnect)	.015	.015	.020	.150	.200	.250
Air Inclusion (ML) (max per connect)	.020	.020	.070	.100	.150	.200
Standard seal material is Nitrile						

### Performance

