

Quick connect coupling Lever Lock Cupla LD-32TSF, stainless steel - Nitto Kohki 512132500

Item no. NKH-512132500

Manufacturer Nitto Kohki

The socket carries the locking lever and the end-face seal. Pushing the lever down makes the connection without tools, lifting it releases the plug again. As the socket has no built-in valve either, nothing shuts off on disconnection, so the line is depressurised first. Model LD-32TSF, stainless steel, Seal material NBR.

TECHNICAL DATA

Betriebsdruck max [bar] **18.000000**

Weight **0.05 kg**

Werkstoff **Edelstahl**



DESCRIPTION

Hose lines carrying water, compressed air, hydraulic oil or steam that are opened several times a shift lose time at every threaded joint. Lever Lock Cupla from Nitto Kohki joins plug and socket with a light pull on the lever and works at 0.7 to 1.8 MPa in sizes from 3/4 to 4 inch.

- Straight through valve-less body keeps the bore clear, which suits bulk flow duties at working pressures of 0.7 to 1.8 MPa
- End-face seal without steps or recesses in the fluid passage lets the medium pass the coupled pair without disturbance
- A special lip packing lowers the force needed at the lever, except on sizes 3/4 and 1 inch and on silicone or FEP-covered silicone seals
- Seal materials to match the temperature: NBR from -20 to +80 °C, EPDM and silicone from -40 to +150 °C, FKM from -20 to +180 °C
- Metal bodies in aluminium alloy, copper alloy or stainless steel, plastic bodies in polypropylene for water or air at 0.2 to 0.5 MPa
- Metal versions stay operational under vacuum down to 53.0 kPa while connected, plastic versions are not suitable for vacuum service

TECHNICAL DATA

Model

LD-32TSF

Coupling part	socket
Body material	stainless steel
Seal material	NBR
Working pressure	0.7 to 1.8 MPa (18 bar)
Valve structure	Straight through
Article number	512132500

APPLICATIONS

- Filling and emptying tanks and vessels with water or process liquids
- Compressed air distribution in workshops and production areas with frequent tool changes
- Hydraulic oil supply on machines where the line is disconnected on a regular basis
- Steam and hot water lines with the seal material chosen for the temperature
- Transfer of powder through hose lines

COMPATIBILITY

Sockets and plugs of the same size mate regardless of their end configuration, so a hose barb can be paired with a female or male thread end. Once coupled, fluid may flow from either the plug side or the socket side.

STANDARDS AND COMPLIANCE

Connection part dimensions comply with US military specification MIL-A-A-59326.