

TLX Couplings & Nipples

- The Super-Duty connector with extremely high resilience to surge flows
- The Super-Duty connector that handles the pressure impulses
- The Super-Duty connector with pure and simple robustness
- Designated for the toughest construction and demolition applications



3/8" (307), 1/2" (507), 3/4" (607), 1" (707), 1 1/4" (807), 1 1/2" (907)

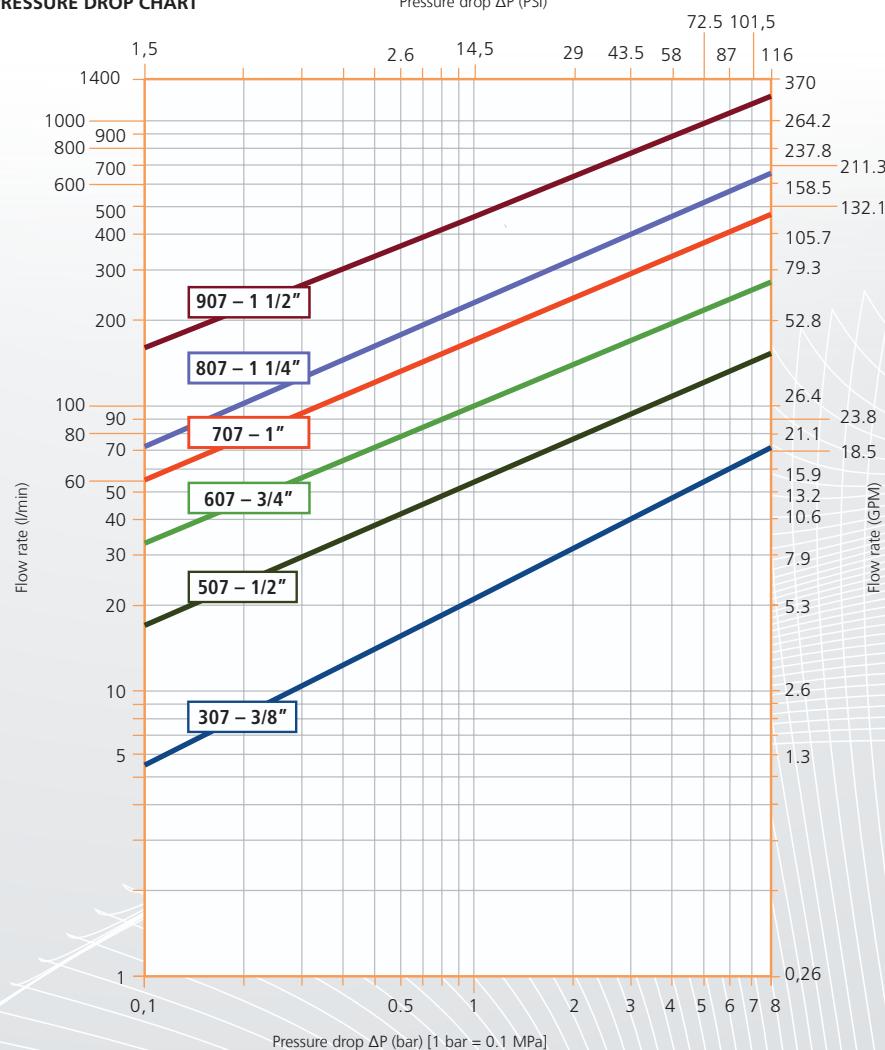
TLX is a Flat-Face twist lock coupling for the toughest applications in the construction and demolition segment. This super-duty quick connect coupling is designed to work with the highest surge flows and the toughest pressure impulses. TLX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions. The Series is available in sizes from 3/8" to 1 1/2" to cover most applications.



Temperature range: -30°C – +100°C (-22°F – +212°F)
Material seal: Nitrile (NBR), HNBR for high temperature use on request
Material: High alloy steels with Zinc-Nickel surface
Connectability: Connection with residual pressure only limited by operator strength
Disconnection under pressure: Disconnection with residual pressure in the system is allowed

| Body Size | | Flow rate | | Max. working pressure | | | | Min. burst pressure | | | |
|-----------|------|--------------------|---------|-----------------------|-------|--------------|-------|---------------------|-------|--------------|-------|
| | | $\Delta P = 3$ Bar | | Connected | | Disconnected | | Connected | | Disconnected | |
| Inch | Dash | (l/min)** | (GPM)** | (bar) | (PSI) | (bar) | (PSI) | (bar) | (PSI) | (bar) | (PSI) |
| 3/8" | -06 | 40 | 10.6 | 420 | 6091 | 420 | 6091 | 1680 | 24366 | 1000 | 14503 |
| 1/2" | -08 | 93 | 24.6 | 420 | 6091 | 420 | 6091 | 1680 | 24366 | 1050 | 15229 |
| 3/4" | -12 | 169 | 44.6 | 420 | 6091 | 400 | 5801 | 1680 | 24366 | 1000 | 14503 |
| 1" | -16 | 291 | 76.9 | 420 | 6091 | 400 | 5801 | 1680 | 24366 | 1000 | 14503 |
| 1 1/4" | -20 | 400 | 105.7 | 420 | 6091 | 400 | 5801 | 1680 | 24366 | 1000 | 14503 |
| 1 1/2" | -24 | 740 | 195.5 | 380 | 5511 | 380 | 5511 | 1520 | 22045 | 1000 | 14503 |

(**) If the application is constantly above this flow rate for the respective coupling size, a larger coupling size should be considered to avoid too high a pressure drop. The couplings can handle a much higher flow rate but there is a risk of heat build-up in the system. In general, surge flows far above the normal flow rate are not a problem.

PRESSURE DROP CHART


CEJN reserves the right to make changes without further notification. Check with an authorized CEJN distributor for availability and prices. The local CEJN companies may carry different versions as standard stock items. All measurements are in mm. All G-thread connection (BSP) TLX couplings and nipples above are stock standard items at factory. The other thread versions are produced on order and the typical lead time is two weeks from factory. Other connections and sealing material on request. Please visit our website, www.cejn.com, for general maintenance tips. Some part numbers may be subject to minimum order quantities.

