

# 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

-The coupling  
that will stand  
when the others  
fall



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.



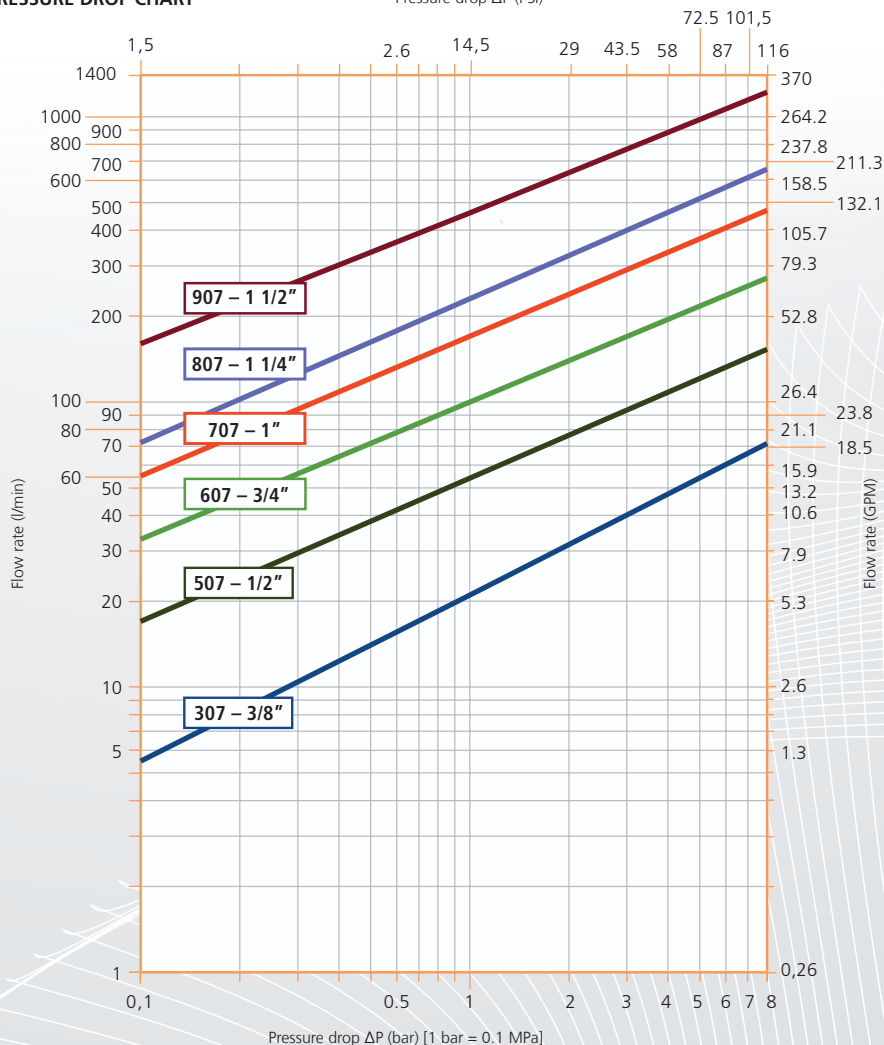
**Temperature range:** ..... -30°C – +100°C (-22°F – +212°F)  
**Material seal:**..... Nitrile (NBR), HNBR for high temperature use on request  
**Material:**..... High alloy steels with Zinc-Nickel surface  
**Connectability:**..... Connection with residual pressure only limited by operator strength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

Body Size		Flow rate		Max. working pressure				Min. burst pressure			
		$\Delta P = 3 \text{ Bar}$		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

Pressure drop  $\Delta P$  (PSI)



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](http://www.cejn.com), for general maintenance tips. Some part numbers may be subject to minimum order quantities.

