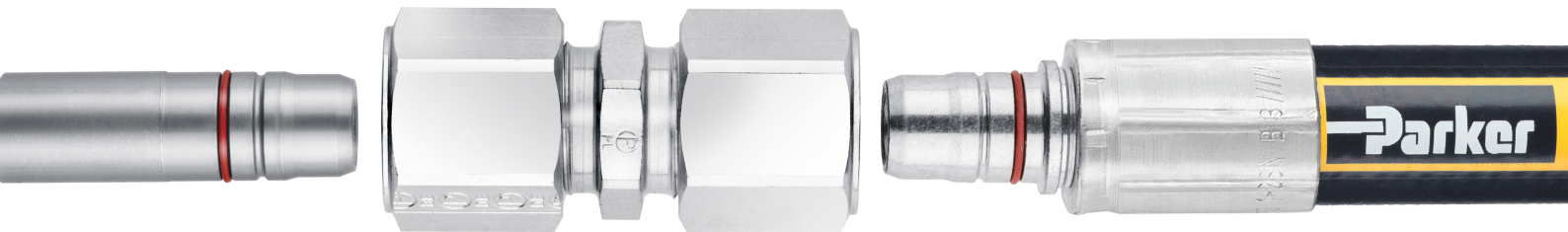


# Universal Push to Connect The Parker Push-in System

Push-fitting instead of screw fitting in series production: The only push-in system for steel tubes and hoses



**Parker Universal Push to Connect is a soft-sealing push-in system for steel hydraulic tubes and hydraulic hoses.**

## Benefits

- Cost savings thanks to push-in connections instead of screw fitting
- Soft sealing push-in connection system for steel tubes and hoses
- Standardized ISO 8434 interface / flexible design
- Free of clearance and leakage in the connection

## Applications

- Commercial vehicles
- Agricultural, construction and mining equipment
- Use in hydraulic systems, cooling systems
- Braking systems, tilt hydraulic systems
- Wind power

## Assembly

- Excellent time savings thanks to tool-free push-in connections
- Immediate and ongoing ability to inspect the connection
- Very user-friendly / pre-assembled UPTC fittings
- No specialized tools required to release the connection
- Suitable for installation in confined spaces

## Technology

- Patented pressure-locking push-in connection without any clearance
- Steel design, with soft sealing connection
- Connection side always 24° ISO 8434
- Up to 400 bar PN, suitable for the following media:  
Hydraulic oil, diesel, air

Parker offers you a reliable worldwide solution for your series production. Easily switch to UPTC thanks to standardized mounting points!

We are happy to answer any questions you may have.

## Contact:

Please reach out to your local Parker contact.

[www.parker.com](http://www.parker.com)



ENGINEERING YOUR SUCCESS.

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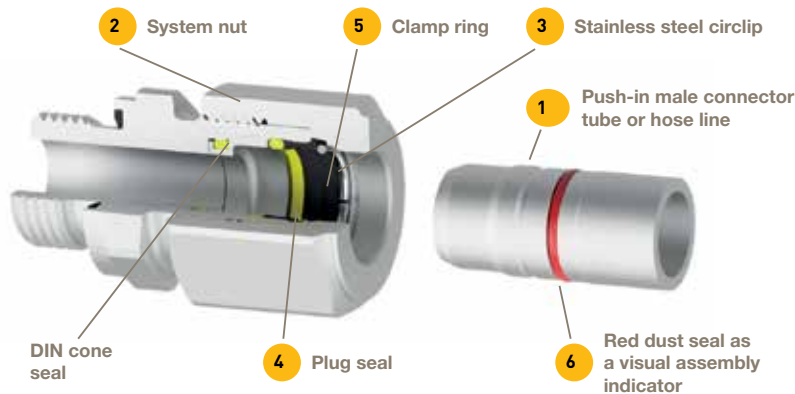


## Performance data

DN max. INCH [Hose]	-4	-5	-6	-8	-10	-12	-16
DN max. MM [Hose]	6	8	10	12	16	20	25
UPTC Size [DIN]	8L	10L	12L	15L	18L	22L	28L
PN [bar] dynamic and static	400	350	350	290	280	215	215

\*Available upon request

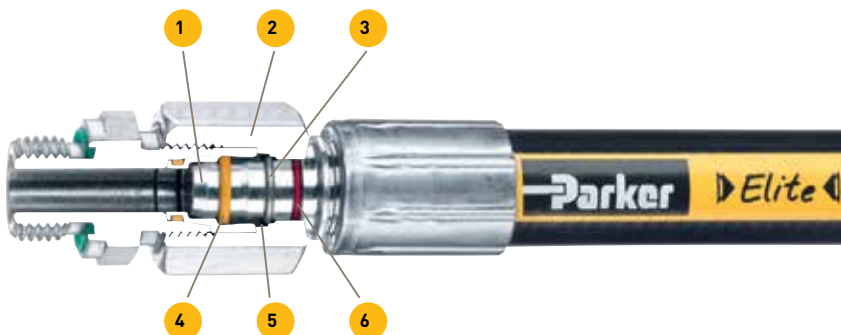
## Patented UPTC connection technology (before assembly)



UPTC after an extreme vibration test

**Parker and a test institute have developed an a unique long-term extreme test for UPTC compared to other push-in systems. UPTC has successfully completed +500h without any signs of wear and tear.**

## We make push-in connections safer (after assembly)



If the red ring is not visible,  
the connection is fitted correctly!

The UPTC Double Lock consists of the First Lock (circlip retaining ring against tear-out) and the Pressure-Lock (clearance and wear-free pressure lock). After the connector (1) is inserted into the system nut (2), the stainless steel ring (3) snaps into place and forms a solid connection. The yellow seal (4) is a soft sealing to the connector (1) to offer an optimal sealing without leakage. The black clamping ring (5) locks the connection without clearance or wear under system pressure (pressure locking). The red dust seal (6) also serves as a visual assembly indicator.