

S300 Screw Coupler (700 Bar)



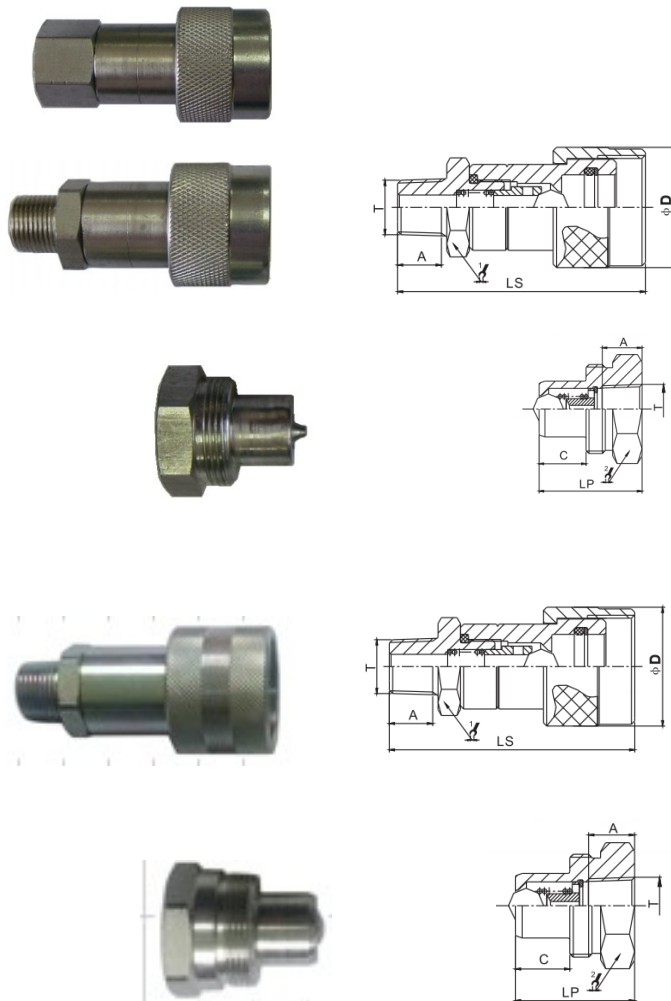
Introduction

The S300 series couplers are high pressure (700 bar) screw couplers used mainly on hydraulic jacking systems. They come with poppet valves and ball valves.

Construction

- Carbon steel with trivalent plating
- Standard seals are Nitrile
- Poppet or Ball valve
- Screw to connect

| Size | 1/4 | 3/8 |
|-----------|------------------|------|
| MWP (PSI) | 10,000 (700 Bar) | |
| Flow LPM | 11.4 | 22.7 |



Specification

- Operating temperature with standard NBR seals -20°C (-20°F) to 120°C (248°F)

Accessories

- Dust caps and plugs available in aluminium or polyurethane

Features

- Poppet or ball valves prevent leakage when uncoupled
- Screw to connect allows for secure connection
- Socket and plug machined from solid bar stock
- Hard chrome balls are used in the ball coupler on to a coined seat

Poppet Type

| Part # | LS | D | | A | T |
|------------|------|----|----|------|---------|
| S300F-06N | 73.5 | 35 | 25 | 14.4 | 3/8 NPT |
| S300F-06NF | 67 | 35 | 25 | 0 | 3/8 NPT |

| Part # | LP | C | | A | T |
|-----------|----|----|----|------|---------|
| S300M-06N | 35 | 16 | 32 | 13.5 | 3/8 NPT |

Ball Type

| Part # | LS | D | | A | T |
|------------|------|----|----|------|---------|
| S300F-04NB | 73.5 | 35 | 25 | 14.4 | 1/4 NPT |
| S300F-06NB | 67 | 35 | 25 | 14.4 | 3/8 NPT |

| Part # | LP | C | | A | T |
|------------|------|------|----|------|---------|
| S300M-04NB | 32.5 | 11.2 | 19 | 13 | 1/4 NPT |
| S300M-06NB | 35 | 16 | 32 | 13.5 | 3/8 NPT |