



**Johnson
Screens**

A brand of
Aqseptence Group

Shur-A-Lock® Steel Well Casing & Screens Reimagined for an Easier Installation

Applications

Shur-A-Lock can be used in any shallow, medium, or deep well for:

- Mineral water and beverage industry
- Drinking water
- Geothermal
- Aquifer storage/ managed aquifer recharge

Benefits

- Faster and safer onsite assembly than thread or weld connections – reduced onsite immobilization time
- No galling unlike threaded connection
- Pickled and passivated in factory
- Corrosion protection of stainless steel not damaged by welding

Features

- Stainless steel grades (304L & 316L)
- Anti-rotation pin
- Gasket for tightness during casing cement drying phase
- Gaskets are available with potable water certificates ACS, NSF61, etc. on demand
- Compact height to maximize screen length
- Standardized design identical for casings and screens regardless of wire/rod assembly
- Wide range to cover most usual diameters from 6PS (DN150) to 18PS (DN450)



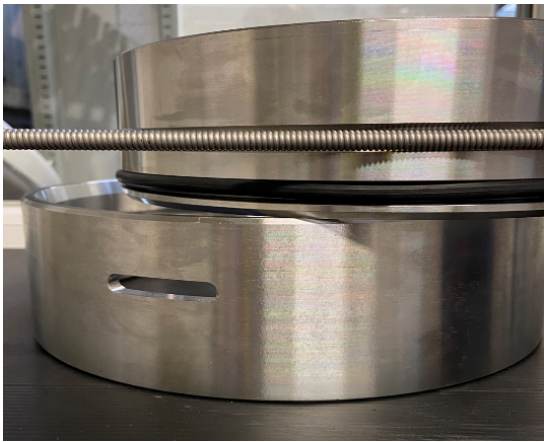
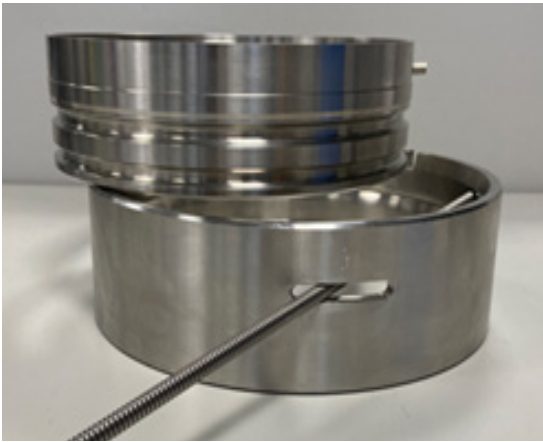
Save Time and Cost with a Shur-A-Lock® Installation

The quick connection is ideal for the assembly of stainless steel screens and casings, and is in fact made of stainless steel itself. The principle is identical to the Johnson Screens JSL family of drop pipes: The males and female are fitted with one groove in which a spline (a spring) is inserted to lock the assembly. A gasket in an additional groove of the male component seals the assembly to prevent particles or cement from passing through.

Available Sizes and Design Characteristics

DIN	Nominal Casing & Screen Ext. Diameter (mm) (in)	Connection Ext. Diam. (mm) (in)	Max Tensile ¹ SF 2:1 304, 304L, 316L (kg) (lb)	Pressure Rating ² (bar) (psi)
150 (6PS)	168,3 6" 5/8	196,6 7.74"	16000 35250	40 580
- (7")	177,8 7"	206,3 8.12"	16000 35250	40 580
175 (7" 5/8)	193,7 7" 5/8	222,9 8.78"	16000 35250	40 580
200 (8PS)	219,1 8" 5/8	249 9.8"	24000 52900	40 580
225 (9" 5/8)	244,5 9" 5/8	274,5 10.81"	24000 52900	40 580
250 (10PS)	273,1 10" 3/4	302,4 11.91"	30000 66100	40 580
300 (12PS)	323,9 12" 3/4	354,8 13.97"	30000 66100	40 580
350 (14PS)	355,6 14"	386,9 15.23"	35000 77150	40 580
400 (16PS)	406,4 16"	443,6 17.46"	40000 88150	40 580
450 (18PS)	457,2 18"	495,1 19.49"	40000 88150	40 580

1. Maximum tensile of the JSL connection itself. When welded to casing or screen the global tensile of the product might be different. Please Consult JOHNSON SCREENS for further information.
2. Pressure tested to the indicated pressure rating without leak.



Johnson Screens Water Well Screens

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