



RING LOCKED HYDRAULIC FITTINGS

Now Shur-Lok® Company is applying its talents and respected Ring Locked brand name to the design and manufacture of hydraulic fittings and fluid adaptors. Fittings will not rotate when connecting fluid lines to engine housings, gearboxes, manifolds...etc. Unlike heavier MS fittings that require a lockwire to prevent rotation, fluid fittings are held in place by a serrated lock-ring.

These fitting are designed to meet the demanding applications of aircraft and helicopter Fuel Systems, Landing Gear, Engines, APU's and any other high pressure fluid application.

RING-LOCKED FLUID FASTENERS

AS1001-AS1040	SLF2002
AS1299	SLF3002
AS1581-AS1582	SLF3004
AS1790-AS1792	
AS1985	MA2111
AS1986	MA2112
AS3077	MA2113
AS3078	MA2119
AS4099	MA4248
AS4130-AS4542	EN3207
AS5103	EN3248
AS5178	EN3270
AS5194-AS9905	EN3566
AS5368	
AS5550	NSN4730-(XX)-(XXX)-(XXXX)
AS5790	NSN5330-(XX)-(XXX)-(XXXX)
AS5865	
AS5986	



Shur-Lok® is a registered trademark of the Shur-Lok Company.



Ring locked fittings provide the most secure means of making fluid lines connections when reliable performance is essential.

SPECIALS

ABS0920	7D0109
ABS0993	7D0164T
C7579	104-538
HS4751	4189T38
J1348P	5086T04P
J1037P	5148T68P
ST7M200	7017-491615

Fastener Dimensions, Inc. stocks a complete line of Beam Seal Adapters, Flareless Adapters, Flared Adapters, Fluid Plugs, Insert Lockrings, Fluid Boss Inserts, Fluid Fitting Caps, and Installation and Removal Tools (available in both SAE and in Metric sizes where applicable).

We stock hardware from over 1000 manufacturers, with multiple authorized lines. Fastener Dimensions is the largest distributor of Rosan® hardware in the world.

ALCOA/ROSAN BOSS FLUID ADAPTERS

FDI is a distributor of the Rosan® fluid fitting line for over 25 years. We now offer equivalent products as well. These products can usually be offered at a reduced cost compared to the Alcoa product group. They have already been approved by most Aircraft OEM's.



Shipping caps for fluid fittings are available in a wide assortment and sizes. These shipping caps are crucial to insure nothing can get into your assembly during shipping or in long term storage.

- VSF1015
- RF50-(XX)-13
- RF5000-(XX)-13
- RF50-(XX)-(XX)-(XX)
- RF5005-(XX)-(XX)
- RF5006-(XX)-(XX)
- RF5010-(XX)-(XX)
- RF5012-(XX)-(XX)
- RF5016-(XX)-(XX)
- RF5020-(XX)-(XX)
- RF5024-(XX)-(XX)
- RFK98-(XX)-13
- RFK99-(XX)-13
- RF9804-(XX)-(XX)
- RF9805-(XX)-(XX)
- RF9806-(XX)-(XX)
- RF9808-(XX)-(XX)
- RF9810-(XX)-(XX)
- RF9812-(XX)-(XX)
- RF9814-(XX)-(XX)
- RF9816-(XX)-(XX)
- RF9820-(XX)-(XX)
- RF9824-(XX)-(XX)
- RFR95-(XX)-(XX)-504
- RFS95-(XX)-504
- RF-(XX)5000-(XX)
- RFH7500-(XX)
- RF7500-(XX)
- RF9500-(XX)
- RFKA99-(XX)-(XX)-13
- RZA12357-(XX)EO357
- RZA12428-13
- RZA12427-13
- RZA12132-13
- RZA12131-13
- 7017-49-(XXXX)-(XX)
- 6660-49-(XXXX)-(XX)
- 6520-49-(XXXX)-(XX)
- 7027-49-(XXXX)-(XX)
- 6828-49-(XXXX)-(XXX)

*Rosan® is a registered trademark of Alcoa® (AFS).

SPECIAL TOOLING REQUIRED



Ring locked fluid fittings require special tooling for installation and removal. FDI stocks the full line of tools for your applications.

Fluid Fittings	Beam Seal Adapter	Flareless Adapter	Flared Adapter	Spherical Flared Adapter	Beam Seal Reducer Adapter	Flareless Reducer Adapter	Flared Reducer Adapter	Plug Adapter	Fluid Boss Insert
Operating Pressure									
3000 psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4000 psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5000 psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8000 psi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RING-LOCKED FLUID FASTENERS PART NUMBER CROSS REFERENCE

Shur-Lok P/N	Alcoa P/N	SAE Spec.	Description
			Flareless:
SLAS1299-XX	RF99XX-13	AS1299	3000PSI flareless
SLAS4099-XX	RFK99XX-13	AS4099	4000PSI flareless
SLAS4099-06SP4	167013510-06	SPL	flareless, spcl
SLAS4099-16SP5	167013511-16	SPL	
SLAS4099-20SP6	167013512-20	SPL	
SLAS5550-XX	RFKA99XX-13	AS5550	5080 PSI flareless
SLAS5865-XX-XX	RFKA99XX-XX-13	AS5865	5080 PSI flareless reducer
SLF2002-XX-XX	RF99XX-XX-13	SPL	flareless reducer
			Beam seal:
SLAS1986-XX	RF50XX-13	AS1986	4000 & 5000PSI beam seal
SLAS5986-XX	RF50XX-63	AS5986	4000 & 5000PSI beam seal, dry film lube
SLAS1986RJ-XX	RF50XX-62	SPL	beam seal, dry film lube on tit. fitting
SLAS1986RK-XX	RF50XX-16		beam seal, 17-4PH dry film lube fitting
SLAS1986-XXSP3	RZA12357XXE0357		microseal 100-1, 8micrinch finish on beam
SLAS4383-XX-XX	RF50XX-XX-13	AS4383	Reducer, 5000PSI beam seal
SLF1021-XX-XX	RF57XX-XX-13	SPL	solid reducer, beam seal
			Flared:
SLAS1985-XX	RFK98XX-13	AS1985	4000PSI flared
SLF3003-XX	RF98XX-13	AS5368	3000PSI flared
SLAS5368-XX	RFGA98XX-19		Ball nose
SLF3004-XX-XX	RF98XX-XX-13		flared reducer
			Fluid boss insert:
SLAS3078-XX	RF95XX-504	AS3078	fluid boss insert
SLF5002-XX	RF95XX-505	SPL	fluid boss insert, titanium
SLF8500C-XX	RF85XX-504		fluid boss insert, old design
SLAS3077-XX	RLT95XX-24	AS3077	lockring, fluid boss insert
SLF8500R-XX	RL85XX-24	SPL	lockring, fluid boss insert, old design
SLF8500-XX	RF85XX-6		assy, fluid boss insert & lockring, old design
			8000 PSI:
SLAS4200-XX	RFH50XX-13	AS4200	8000PSI beam seal
SLF1022-XX	RFH50XX-18	SPL	8000PSI beam seal, 17-4PH fitting lube fitting
TBD	RFH99XX-13		8000PSI flareless
			Spherical flared:
SLAS5368-XX-GE	RFGA98XX-19	AS5368	3000PSI spherical flared, A286 fitting
SLF3002-XX-XX	RFG98XX-XX-19	SPL	reducer, spherical flared, A286 fitting
SLAS5368-12-10NB	RFGA98XX-XX-71		reducer, spherical flared, Inc 718 fitting
SLFG68-XXFM	RFG98XX-19		spherical flared, A286 fitting
			Specials:
SLAS5103-XX	RF75XX	AS5103	Plug, 4000 & 5000PSI beam seal
SLF1015-08	RZA12428-13	SPL	tube end per dynatube coupling
SLF1016-08	RZA12427-13		tube end per dynatube coupling
SLF2008-08	RZA12132-13		reducer, flareless, special
SLF2009-08	RZA12131-13		
SLF2012-XX-XX	6680-133XX		reducer, flareless, special, metric end @ tube
SLF2013-XX	RZA12952		flareless, solid, spcl
SLF2014-XX	RZA12364		flareless, spcl
SLF1017-XX	RFBK50XXA13		Bulkhead fitting assy
			Metric:
SLMA2111-XX	7017-49XXXX-XX	MA2111	Metric, 4000PSI beam seal
SLMA2112-XX	6660-49XXXX-XX	MA2112	Metric, 4000PSI flareless
SLMA2113-XX	6520-49XXXX-XX	MA2113	Metric, 4000PSI 60 deg. Flareless
SLMA2119-XX-XX	7027-49XXXX-XX	MA2119	Metric, Reducer, 4000PSI beam seal
SLFN3270-XX	6828-49XXXX-XXX	EN3270	Metric, Plug