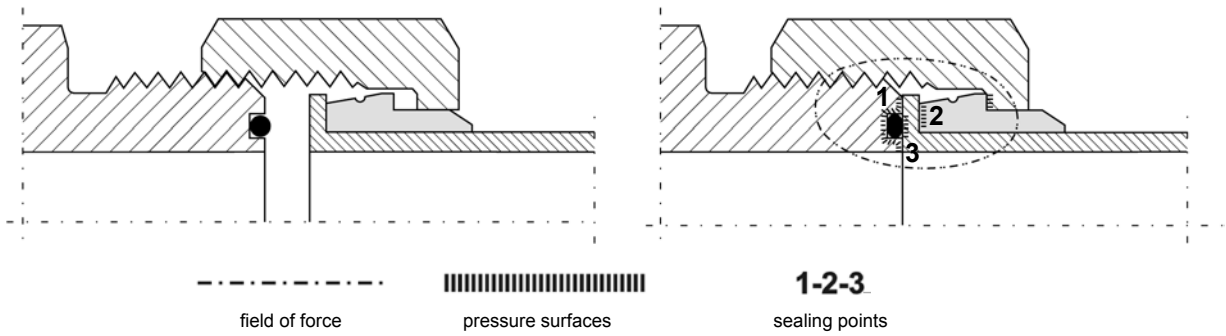


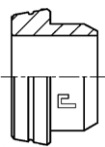
HIGH PRESSURE - ORFS connectors

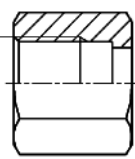
SAE fittings - J1453 (ORFS)

ORFS (O-Ring Face Seal) connectors are used to connect rigid pipes in hydraulic applications. Pipe ends are flared at 90 C angle. The sealing is achieved by pressing an O-ring placed in the groove of the surface front flat-face of the fitting with a male thread. The ORFS fittings can also be connected with fittings of flexible hydraulic hose assemblies (e.g. TI-ZOW110, ZOZ110).

Material: zinc-plated carbon steel or AISI 316 steel. Add SS to the code of AISI 316 connector.



description	pressure [bar]	code (carbon steel)	pipe O.D.	
			[mm]	[inch]
 FM FC	630	HO-FC-04	-	1/4
		HO-FC-05	-	5/16
		HO-FC-06	-	3/8
		HO-FC-08	-	1/2
	420	HO-FC-10	-	5/8
		HO-FC-12	-	3/4
		HO-FC-14	-	7/8
		HO-FC-16	-	1
	280	HO-FC-20	-	1.1/4
		HO-FC-24	-	1.1/2
	630	HO-FM-06	6	-
		HO-FM-08	8	-
		HO-FM-10	10	-
		HO-FM-12	12	-
	420	HO-FM-14	14	-
		HO-FM-15	15	-
		HO-FM-16	16	-
		HO-FM-18	18	-
		HO-FM-20	20	-
		HO-FM-22	22	-
280	HO-FM-25	25	-	
	HO-FM-28	28	-	
	HO-FM-30	30	-	
	HO-FM-32	32	-	
	HO-FM-35	35	-	
	HO-FM-38	38	-	

description	pressure [bar]	code (carbon steel)	pipe O.D.		ORFS
			[mm]	[inch]	
 M	630	HO-M-09	6	1/4	9/16-18
		HO-M-11	8-10	5/16-3/8	11/16-16
		HO-M-13	12	1/2	13/16-16
	420	HO-M-16	14-15-16	5/8	1-14
		HO-M-19	18-20	3/4	1.3/16-12
		HO-M-23	22-25	7/8-1	1.7/16-12
	280	HO-M-27	28-30-32	1.1/4	1.11/16-12
		HO-M-32	35-38	1.1/2	2-12