



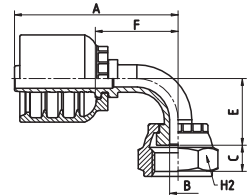
OPNS TYPE



ORFS STANDARD CONNECTIONS

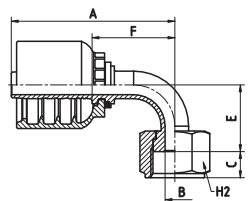
OPNS22491

90° ORFS FEMALE - SAE J516/J1453
(CRIMPED-BACK NUT)



OPNS22493

90° ORFS FEMALE - SAE J516/J1453
(SLIP-ON NUT)



PART. REF.	HOSE BORE			THREAD	DIMENSIONS inch					
	DN	inch	Size		B	A	C	E	F	H ₂
OPNS22493-06-06	10	3/8"	- 06	11/16" - 16	0.28	2.34	0.37	0.94	1.18	0.87
OPNS22493-06-08	10	3/8"	- 06	13/16" - 16	0.37	2.34	0.43	1.04	1.18	0.94
OPNS22491-08-06	12	1/2"	- 08	11/16" - 16	0.28	2.44	0.37	0.96	1.22	0.87
OPNS22493-08-08	12	1/2"	- 08	13/16" - 16	0.37	2.82	0.43	1.18	1.59	0.94
OPNS22493-08-10	12	1/2"	- 08	1" - 14	0.45	2.82	0.53	1.18	1.59	1.18
OPNS22493-08-12	12	1/2"	- 08	1.3/16" - 12	0.55	2.79	0.57	1.48	1.56	1.42
OPNS22493-10-10	16	5/8"	- 10	1" - 14	0.45	3.24	0.53	1.48	1.89	1.18
OPNS22493-10-12	16	5/8"	- 10	1.3/16" - 12	0.55	3.24	0.57	1.61	1.89	1.42
OPNS22491-12-10	19	3/4"	- 12	1" - 14	0.45	3.37	0.53	1.50	1.93	1.18
OPNS22493-12-12	19	3/4"	- 12	1.3/16" - 12	0.55	3.66	0.57	1.89	2.22	1.42
OPNS22493-12-16	19	3/4"	- 12	1.7/16" - 12	0.78	3.66	0.58	1.87	2.22	1.61
OPNS22491-16-12	25	1"	- 16	1.3/16" - 12	0.55	4.17	0.57	1.89	2.27	1.42
OPNS22493-16-16	25	1"	- 16	1.7/16" - 12	0.78	4.71	0.58	2.20	2.81	1.61
OPNS22493-16-20	25	1"	- 16	1.11/16" - 12	1.02	4.67	0.58	2.20	2.78	1.97
OPNS22493-20-20	31	1.1/4"	- 20	1.11/16" - 12	1.02	5.34	0.58	2.60	3.27	1.97
OPNS22493-24-24	38	1.1/2"	- 24	2" - 12	1.26	6.46	0.58	3.13	4.02	2.36