

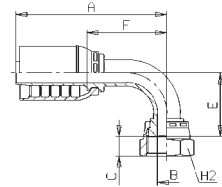
OPS TYPE



ORFS STANDARD CONNECTIONS

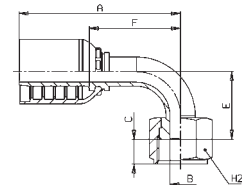
OPS22491

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



OPS22493

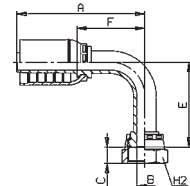
90° ORFS FEMALE - SAE J516/J1453 (SLIP-ON NUT)



PART. REF.	HOSE BORE			THREAD	DIMENSIONS inch					
	DN	inch	Size		B	A	C	F	H ₁	H ₂
OPS22493-06-06	10	3/8"	- 06	11/16" - 16	0.28	2.34	0.37	0.94	1.18	0.87
OPS22493-08-08	12	1/2"	- 08	13/16" - 16	0.37	2.81	0.43	1.18	1.59	0.94
OPS22493-10-10	16	5/8"	- 10	1" - 14	0.45	3.24	0.53	1.48	1.89	1.18
OPS22491-12-12	19	3/4"	- 12	1.3/16" - 12	0.55	4.45	0.57	1.87	2.36	1.42
OPS22491-12-16	19	3/4"	- 12	1.7/16" - 12	0.78	4.45	0.60	2.20	2.36	1.62
OPS22491-16-16	25	1"	- 16	1.7/16" - 12	0.75	5.24	0.60	2.13	2.91	1.62
OPS22491-20-20	31	1.1/4"	- 20	1.11/16" - 12	0.97	6.00	0.60	2.52	3.41	1.97
OPS22491-24-24	38	1.1/2"	- 24	2" - 12	1.19	6.40	0.58	2.72	3.72	2.36

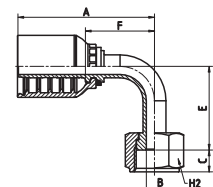
OPS24491

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



OPS24493

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



PART. REF.	HOSE BORE			THREAD	DIMENSIONS inch					
	DN	inch	Size		B	A	C	F	H ₁	H ₂
OPS24493-10-10	16	5/8"	- 10	1" - 14	0.45	2.97	0.53	2.72	1.61	1.18
OPS24491-12-12	19	3/4"	- 12	1.3/16" - 12	0.55	4.45	0.57	3.78	2.36	1.42
OPS24491-16-16	25	1"	- 16	1.7/16" - 12	0.75	5.24	0.60	4.51	2.91	1.62
OPS24491-20-20	31	1.1/4"	- 20	1.11/16" - 12	0.97	6.00	0.60	5.08	3.41	1.97