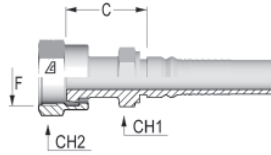


Two-Piece Fittings - X Series



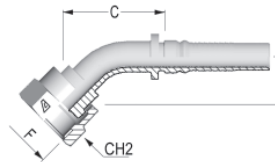
Interlock Inserts – US End Configurations



ORFS Straight Female – Double Hex Interlock

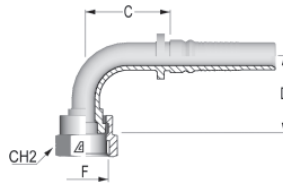
Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	Hex Dia. CH1 (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
X-1012-FOFS	10	5/8	15.9	12	1 3/16-12	40.0	30	36	0.28
X-1212-FOFS	12	3/4	19.0	12	1 3/16-12	40.0	30	36	0.59
X-1216-FOFS	12	3/4	19.0	16	1 7/16-12	43.0	36	41	0.82
X-1616-FOFS	16	1	25.4	16	1 7/16-12	47.0	36	41	0.90
X-1620-FOFS	16	1	25.4	20	1 11/16-12	49.0	46	50	1.28
X-2020-FOFS	20	1 1/4	31.8	20	1 11/16-12	47.2	46	50	1.46
X-2424-FOFS	24	1 1/2	38.1	24	2-12	52.0	50	60	1.70

45° ORFS Female Interlock



Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	D Drop (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
X-1212-F045	12	3/4	19.0	12	1 3/16-12	77.0	26	36	0.22
X-1216-F045	12	3/4	19.0	16	1 7/16-12	68.4	28	41	0.79
X-1616-F045	16	1	25.4	16	1 7/16-12	75.0	28	41	1.10
X-1620-F045	16	1	25.4	20	1 11/16-12	83.4	28	50	1.35
X-2020-F045	20	1 1/4	31.8	20	1 11/16-12	100.7	33	50	1.89
X-2424-F045	24	1 1/2	38.1	24	2-12	107.0	36.5	60	2.15

90° ORFS Female Interlock



Part Number	Dash Size	Hose ID Size		F Thread		C Cut-Off Factor (mm)	D Drop (mm)	Hex Dia. CH2 (mm)	Weight (lbs/each)
		(in)	(mm)	Dash Size	Size (in) - TPI				
X-1012-F09M	10	5/8	15.9	12	1 3/16-12	48.1	58	36	0.23
X-1212-F09M	12	3/4	19.0	12	1 3/16-12	64.2	58	36	0.86
X-1216-F09M	12	3/4	19.0	16	1 7/16-12	66.2	58	41	1.10
X-1616-F09M	16	1	25.4	16	1 7/16-12	75.2	66	41	1.20
X-1620-F09M	16	1	25.4	20	1 11/16-12	73.2	66	50	1.47
X-2020-F09M	20	1 1/4	31.8	20	1 11/16-12	91.7	81	50	1.98
X-2424-F09M	24	1 1/2	38.1	24	2-12	99.0	84	60	2.25

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



HOSES
ONE-PIECE B SERIES
ONE-PIECE D SERIES
ONE-PIECE F & P SERIES
TWO-PIECE FERRULES (A & PFR SERIES)
TWO-PIECE INSERTS (A SERIES)
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)
QUICK RELEASE
ASSEMBLY EQUIPMENT
TECHNICAL INFORMATION