

Adapters ORFS





6010



ORFS nut (ISO 8434-3)

68



6015

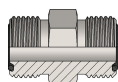


Metric sleeve (ISO 8434-3)

69



6000



Male union (ISO 8434-3)

70

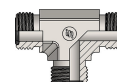
6300



90° Union Elbow (ISO 8434-3)

71

6350



ORFS Union Tee (ISO 8434-3)

71

6550

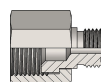


ORFS Union Cross (ISO 8434-3)

72



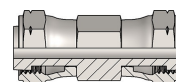
6056



ORFS Reducing male-female (ISO 8434-3)

73

6060



ORFS Straight swivel nut union (ISO 8434-3)

74

6205



90° Swivel Elbow (ISO 8434-3)

74

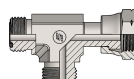
6255



45° Swivel Elbow (ISO 8434-3)

75

6620



Swivel Run Tee (ISO 8434-3)

75

6630



Swivel Branch Tee (ISO 8434-3)

76



6050



Bulkhead union (ISO 8434-3)

76

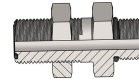
6510



90° Bulkhead union (ISO 8434-3)

77

6150



Bulkhead unions ORFS/ UNF (ISO 11926)

77

0107

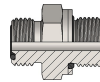


Bulkhead locknut

78



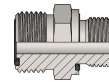
6800



Male stud connector ORFS-BSPP (ISO 1179)

79

6805



Male stud connector ORFS-BSPP (Form E ISO 1179-2)

80

6215



90° Adjustable stud elbow ORFS-BSP (ISO 1179)

81

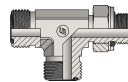
6260



45° Adjustable stud elbow ORFS-BSP (ISO 1179)

82

6460



Adjustable stud Run Tee ORFS-BSP (ISO 1179)

83

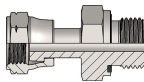
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Adjustable stud Branch Tee ORFS-BSP (ISO 1179)

84

6036

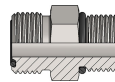


ORFS Swivel female - Male BSPP (Form E ISO 1179-2)

85



6100



Male stud connector ORFS-UNF (ISO 11926)

86

6925



Straight long stud connector (ISO 11926)

87

6200



Adjustable stud elbow
ORFS-UNF (ISO 11926)

88

6250



Adjustable stud elbow
ORFS-UNF (ISO 11926)

89

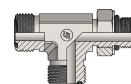
6400



Adjustable stud Branch
Tee ORFS-UNF (ISO
11926)

90

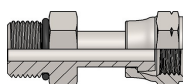
6450



Adjustable stud Run Tee
ORFS-UNF (ISO 11926)

90

6120



ORFS Swivel female -
Male UN/UNF (ISO 11926)

91



6840



Male stud connector
ORFS-METRIC (ISO 6149)

92

6870



90° Adjustable stud
elbow ORFS-METRIC (ISO
6149)

93

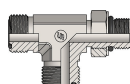
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45° Adjustable stud
elbow ORFS-METRIC (ISO
6149)

94

6880



Adjustable stud Run Tee
ORFS-METRIC (ISO 6149)

95

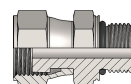
6890



Adjustable stud Branch
Tee ORFS-METRIC (ISO
6149)

95

6850



ORFS Swivel female -
Male Metric (ISO 6149)

96

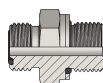
6905



Male stud connector
ORFS-METRIC (Form E
ISO 9974-2)

97

6900



Male stud connector
ORFS-METRIC

98

6320



90° Adjustable stud
elbow ORFS-METRIC

99

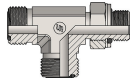
6270



45° Adjustable stud
elbow ORFS-METRIC

100

6470



Adjustable stud Run Tee
ORFS-METRIC

101

6420

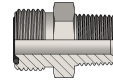


Adjustable stud Branch
Tee ORFS-METRIC

101

ORFS NPTF

6830



Male stud connector
ORFS-NPTF

102

6230



90° Male stud elbows
ORFS-NPTF

103

Plug

6600



ORFS Male plug (ISO
8434-3)

103

6610



ORFS Female plug (ISO
8434-3)

104

Braze on

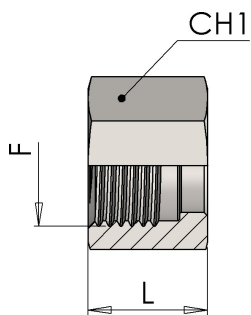
MO



ORFS braze-on straight
connector (ISO 8434-3)

105

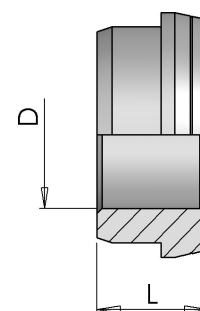
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ORFS nut (ISO 8434-3)

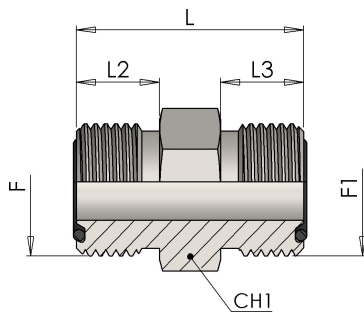
NA

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	CH1	kg/unit	
6010-06	6	1/4"	9/16-18	15	17	0,014	
6010-09	8-10	5/16"-3/8"	11/16-16	17	22	0,017	
6010-11	12	1/2"	13/16-16	20	24	0,029	
6010-13	14-16	5/8"	1-14	24	30	0,046	
6010-14	18-20	3/4"	1.3/16-12	26.5	36	0,069	
6010-15	22-25	1"	1.7/16-12	27.5	41	0,109	
6010-21	28-32	1.1/4"	1.11/16-12	27.5	50	0,126	
6010-32	35-38	1.1/2"	2-12	27.5	60	0,195	

6015**Metric sleeve (ISO 8434-3)****SL**

Product number	Ø tube	Dimension		Weight
	mm	D	L	kg/unit
6015-06	06	06	8.5	0,004
6015-08	08	08	9.5	0,004
6015-10	10	10	9.5	0,005
6015-12	12	12	11.5	0,006
6015-14	14	14	11.5	0,01
6015-15	15	15	11.5	0,009
6015-16	16	16	11.5	0,008
6015-18	18	18	13	0,014
6015-20	20	20	13	0,015
6015-22	22	22	14.5	0,02
6015-25	25	25	14.5	0,023
6015-28	28	28	14	0,024
6015-30	30	30	14	0,025
6015-32	32	32	14	0,026
6015-35	35	35	13.5	0,036
6015-38	38	38	13.5	0,044

6000



Male union (ISO 8434-3)

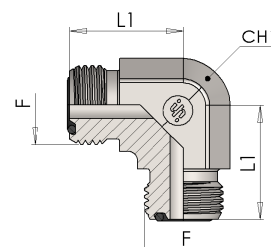
S

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6000-06	6	1/4"	9/16-18	9/16-18	27.5	10	10	17	0,028
6000-09	8-10	5/16"-3/8"	11/16-16	11/16-16	31	11	11	19	0,049
6000-11	12	1/2"	13/16-16	13/16-16	35.5	13	13	22	0,077
6000-11-09	8-12	5/16"-1/2"	13/16-16	11/16-16	33.5	13	11	22	0,067
6000-13	14-16	5/8"	1-14	1-14	42.5	15.5	15.5	27	0,129
6000-13-11	12-16	5/8"-1/2"	1-14	13/16-16	40	15.5	13	27	0,112
6000-14	18-20	3/4"	1.3/16-12	1.3/16-12	47	17	17	32	0,204
6000-14-13	14-20	5/8"-3/4"	1.3/16-12	1-14	45.5	17	15.5	32	0,186
6000-15	22-25	1"	1.7/16-12	1.7/16-12	49.5	17.5	17.5	41	0,291
6000-15-14	18-25	3/4"-1"	1.7/16-12	1.3/16-12	49	17.5	17	41	0,285
6000-21	28-32	1.1/4"	1.11/16-12	1.11/16-12	51.5	17.5	17.5	46	0,299
6000-21-15	25-32	1.1/4"	1.11/16-12	1.7/16-12	51.5	17.5	17.5	46	0,28
6000-32	35-38	1.1/2"	2-12	2-12	53	17.5	17.5	55	0,552

6300

90° Union Elbow (ISO 8434-3)

E

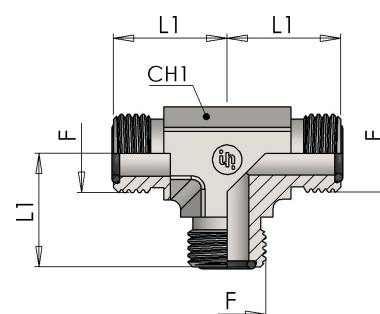


Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
6300-06	6	1/4"	9/16-18	21	14	0,047
6300-09	8-10	5/16"-3/8"	11/16-16	25	19	0,109
6300-11	12	1/2"	13/16-16	28	19	0,123
6300-13	14-16	5/8"	1-14	33.5	27	0,183
6300-14	18-20	3/4"	1.3/16-12	37.5	27	0,18
6300-15	22-25	1"	1.7/16-12	41.5	36	0,45
6300-21	28-32	1.1/4"	1.11/16-12	44.5	41	0,53
6300-32	35-38	1.1/2"	2-12	49	50	0,7

6350

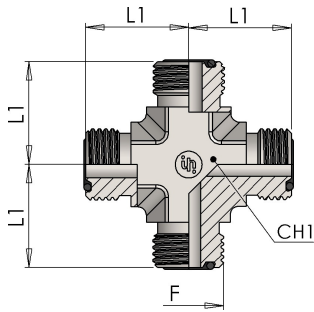
ORFS Union Tee (ISO 8434-3)

T



Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
6350-06	6	1/4"	9/16-18	21	14	0,066
6350-09	8-10	5/16"-3/8"	11/16-16	25	19	0,114
6350-11	12	1/2"	13/16-16	28	19	0,199
6350-13	14-16	5/8"	1-14	33.5	27	0,239
6350-14	18-20	3/4"	1.3/16-12	37.5	27	0,321
6350-15	22-25	1"	1.7/16-12	41.5	36	0,488
6350-21	28-32	1.1/4"	1.11/16-12	44.5	41	0,768
6350-32	35-38	1.1/2"	2-12	49	50	0,866

6550



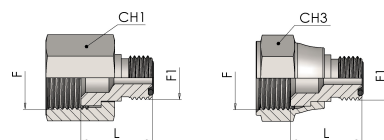
ORFS Union Cross (ISO 8434-3)

K

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
6550-06	6	1/4"	9/16-18	21	14	0,072
6550-09	8-10	5/16"-3/8"	11/16-16	25	19	0,14
6550-11	12	1/2"	13/16-16	28	19	0,225
6550-13	14-16	5/8"	1-14	33.5	27	0,288
6550-14	18-20	3/4"	1.3/16-12	37.5	27	0,32

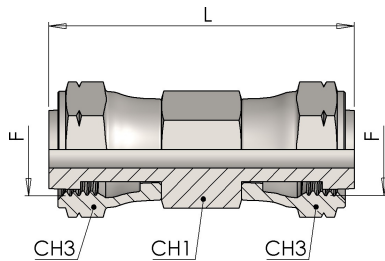
6056

ORFS Reducing male-female (ISO 8434-3)

SRDS

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	CH1	CH3	
6056-09-06	10-06	3/8"-1/4"	11/16-16	9/16-18	19.5		22	0,021
6056-11-06	12-06	1/2"-1/4"	13/16-16	9/16-18	22	24		0,03
6056-11-09	12-10	1/2"-3/8"	13/16-16	11/16-16	22.5		24	0,033
6056-13-06	16-06	5/8"-1/4"	1-14	9/16-18	23	30		0,071
6056-13-09	16-10	5/8"-3/8"	1-14	11/16-16	24	30		0,073
6056-13-11	16-12	5/8"-1/2"	1-14	13/16-16	25.5	30		0,078
6056-14-06	20-06	3/4"-1/4"	1.3/16-12	9/16-18	25	36		0,085
6056-14-09	20-10	3/4"-3/8"	1.3/16-12	11/16-16	26	36		0,098
6056-14-11	20-12	3/4"-1/2"	1.3/16-12	13/16-16	27.5	36		0,105
6056-14-13	20-16	3/4"-5/8"	1.3/16-12	1-14	29.5		36	0,085
6056-15-11	25-12	1"-1/2"	1.7/16-12	13/16-16	29	41		0,135
6056-15-13	25-16	1"-5/8"	1.7/16-12	1-14	32	41		0,14
6056-15-14	25-20	1"-3/4"	1.7/16-12	1.3/16-12	33		41	0,133
6056-21-14	30-20	1.1/4"-3/4"	1.11/16-12	1.3/16-12	33.5	50		0,15
6056-21-15	30-25	1.1/4"-1"	1.11/16-12	1.7/16-12	38.5		50	0,2
6056-32-15	38-25	1.1/2"-1"	2-12	1.7/16-12	34	60		0,42
6056-32-21	38-30	1.1/2"-1.1/4"	2-12	1.11/16-12	34	60		0,42

6060

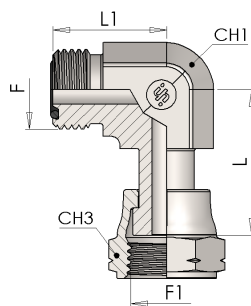


ORFS Straight swivel nut union (ISO 8434-3)

SWS

Product number	Ø tube		Thread	Dimension				Weight
	mm	inch	F	L	CH1	CH3	kg/unit	
6060-06-06	6	1/4"	9/16-18	40.4	17	17	0,053	
6060-09-09	8-10	5/16"-3/8"	11/16-16	45	19	22	0,066	
6060-11-11	12	1/2"	13/16-16	53.8	22	24	0,11	
6060-13-13	14-16	5/8"	1-14	61.5	27	30	0,17	
6060-14-14	18-20	3/4"	1.3/16-12	69.6	32	36	0,275	

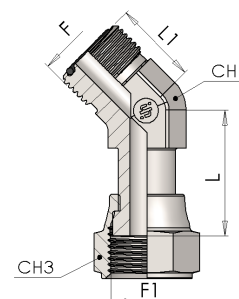
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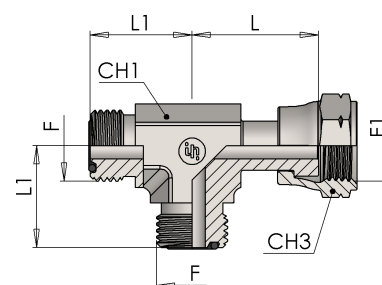
90° Swivel Elbow (ISO 8434-3)

SWE

Product number	Ø tube		Thread		Dimension				Weight
	mm	inch	F	F1	L	L1	CH1	CH3	kg/unit
6205-06	6	1/4"	9/16-18	9/16-18	27.5	21	14	17	0,045
6205-09	8-10	5/16"-3/8"	11/16-16	11/16-16	31	25	19	22	0,084
6205-11	12	1/2"	13/16-16	13/16-16	38	28	19	24	0,126
6205-13	14-16	5/8"	1-14	1-14	43	33.5	27	30	0,221
6205-14	18-20	3/4"	1.3/16-12	1.3/16-12	47.5	37.5	27	36	0,275
6205-15	22-25	1"	1.7/16-12	1.7/16-12	54	41.5	36	41	0,541
6205-21	28-32	1.1/4"	1.11/16-12	1.11/16-12	59	44.5	41	50	0,557
6205-32	35-38	1.1/2"	2-12	2-12	62	49	50	60	0,75

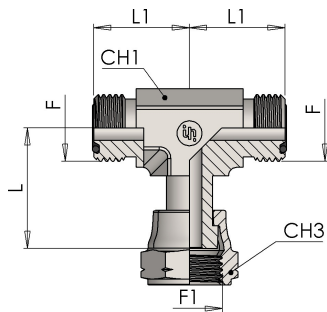
6255**45° Swivel Elbow (ISO 8434-3)****SWE45**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
6255-06	6	1/4"	9/16-18	9/16-18	26	18	14	17	0,044
6255-09	8-10	5/16"-3/8"	11/16-16	11/16-16	28	20	19	22	0,082
6255-11	12	1/2"	13/16-16	13/16-16	33	22	19	24	0,11
6255-13	14-16	5/8"	1-14	1-14	36.5	23.5	27	30	0,19
6255-14	18-20	3/4"	1.3/16-12	1.3/16-12	41.5	26	27	36	0,215
6255-15	22-25	1"	1.7/16-12	1.7/16-12	46.5	32	36	41	0,3
6255-21	28-32	1.1/4"	1.11/16-12	1.11/16-12	50	33.5	41	50	0,5
6255-32	35-38	1.1/2"	2-12	2-12	52	37	50	60	0,745

6620**Swivel Run Tee (ISO 8434-3)****SWRT**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
6620-06	6	1/4"	9/16-18	9/16-18	27.5	21	14	17	0,066
6620-09	8-10	5/16"-3/8"	11/16-16	11/16-16	31	25	19	22	0,125
6620-11	12	1/2"	13/16-16	13/16-16	38	28	19	24	0,15
6620-13	14-16	5/8"	1-14	1-14	43	33.5	27	30	0,233
6620-14	18-20	3/4"	1.3/16-12	1.3/16-12	47.5	37.5	27	36	0,28
6620-15	22-25	1"	1.7/16-12	1.7/16-12	54	41.5	36	41	0,505
6620-21	28-32	1.1/4"	1.11/16-12	1.11/16-12	59	44.5	41	50	0,775
6620-32	35-38	1.1/2"	2-12	2-12	62	49	50	60	0,965

6630

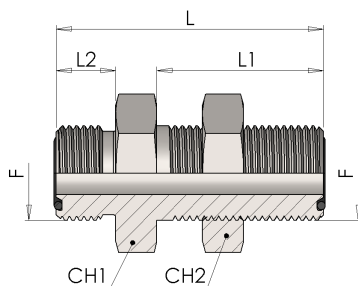


Swivel Branch Tee (ISO 8434-3)

SWBT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
6630-06	6	1/4"	9/16-18	9/16-18	27.5	21	14	17	0,066
6630-09	8-10	5/16"-3/8"	11/16-16	11/16-16	32	25	19	22	0,125
6630-11	12	1/2"	13/16-16	13/16-16	38	28	19	24	0,15
6630-13	14-16	5/8"	1-14	1-14	43	34	27	30	0,233
6630-14	18-20	3/4"	1.3/16-12	1.3/16-12	47.5	37.5	27	36	0,28
6630-15	22-25	1"	1.7/16-12	1.7/16-12	54	41.5	36	41	0,505
6630-21	28-32	1.1/4"	1.11/16-12	1.11/16-12	59	44.5	41	50	0,775
6630-32	35-38	1.1/2"	2-12	2-12	62	49	50	60	0,965

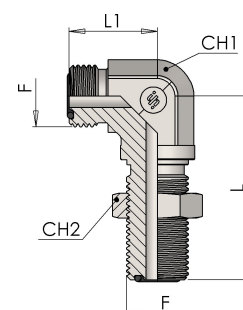
6050



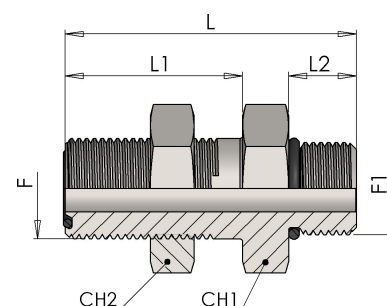
Bulkhead union (ISO 8434-3)

BHS

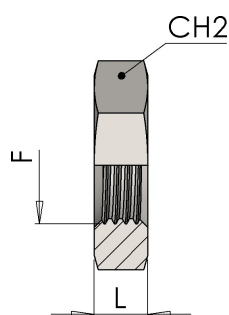
Product number	Ø tube		Thread F	Dimension					Weight kg/unit
	mm	inch		L	L1	L2	CH1	CH2	
6050-06	6	1/4"	9/16-18	48	31.5	10	22	22	0,08
6050-09	8-10	5/16"-3/8"	11/16-16	53	34	11	27	27	0,14
6050-11	12	1/2"	13/16-16	58.5	36.5	13	30	30	0,155
6050-13	14-16	5/8"	1-14	66.5	40.5	15.5	36	36	0,31
6050-14	18-20	3/4"	1.3/16-12	69	41.5	17	41	41	0,34
6050-15	22-25	1"	1.7/16-12	70	42	17.5	46	46	0,436
6050-21	28-32	1.1/4"	1.11/16-12	70	42	17.5	50	50	0,51
6050-32	35-38	1.1/2"	2-12	70	42	17.5	60	60	0,674

6510**90° Bulkhead union (ISO 8434-3)****BHE**

Product number	Ø tube		Thread	Dimension				Weight
	mm	inch	F	L	L1	CH1	CH2	kg/unit
6510-06	6	1/4"	9/16-18	47	21	14	22	0,078
6510-09	8-10	5/16"-3/8"	11/16-16	52	25	19	27	0,146
6510-11	12	1/2"	13/16-16	55	28	19	30	0,252
6510-13	14-16	5/8"	1-14	63	35	27	36	0,287
6510-14	18-20	3/4"	1.3/16-12	67	38	27	41	0,31
6510-15	22-25	1"	1.7/16-12	71	41.5	36	46	0,64

6150**Bulkhead unions ORFS/UNF (ISO 11926)****BHS**

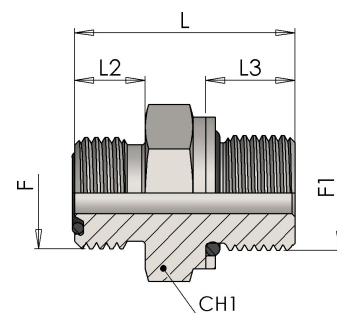
Product number	Ø tube		Thread		Dimension					Weight
	mm	inch	F	F1	L	L1	L2	CH1	CH2	kg/unit
6150-04-06	6	1/4"	9/16-18	7/16-20	54	31.5	11	22	22	0,075
6150-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	58	34	12	27	27	0,112
6150-08-11	12	1/2"	13/16-16	3/4-16	65	36.5	14	30	30	0,147
6150-10-13	14-16	5/8"	1-14	7/8-14	67	40.5	16	36	36	0,295
6150-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	71	41.5	18.5	41	41	0,33

0107**Bulkhead locknut****BHLN**

Product number	Thread	Dimension		Weight
	F	L	CH2	kg/unit
0107-06	9/16-18	7	22	0,011
0107-09	11/16-16	8	27	0,025
0107-11	13/16-16	9	30	0,031
0107-13	1-14	11	36	0,053
0107-14	1.3/16-12	11	41	0,064
0107-15	1.7/16-12	11	46	0,068
0107-21	1.11/16-12	11	50	0,070
0107-32	2-12	11	60	0,100

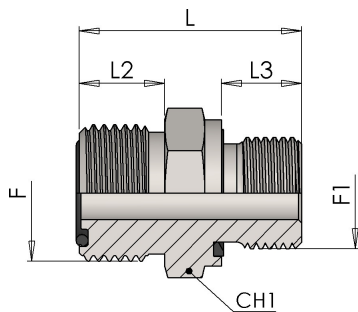
6800

Male stud connector ORFS-BSPP (ISO 1179)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6800-02-06	6	1/4"	9/16-18	G 1/8	25	10	8	17	0,029
6800-04-06	6	1/4"	9/16-18	G 1/4	30.5	10	12	19	0,042
6800-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	31.5	11	12	19	0,045
6800-04-11	12	1/2"	13/16-16	G 1/4	33.5	13	12	22	0,04
6800-06-06	6	1/4"	9/16-18	G 3/8	30.5	10	12	22	0,061
6800-06-09	8-10	5/16"-3/8"	11-16-16	G 3/8	31.5	11	12	22	0,063
6800-06-11	12	1/2"	13/16-16	G 3/8	33.5	13	12	22	0,06
6800-06-13	14-16	5/8"	1-14	G 3/8	37.5	15.5	12	27	0,093
6800-08-09	8-10	5/16"-3/8"	11/16-16	G 1/2	35.5	11	14.5	27	0,052
6800-08-11	12	1/2"	13/16-16	G 1/2	37.5	13	14.5	27	0,09
6800-08-13	14-16	5/8"	1-14	G 1/2	40	15.5	14.5	27	0,11
6800-08-14	18-20	3/4"	1.3/16-12	G 1/2	41.5	17	14.5	32	0,147
6800-12-13	14-16	5/8"	1-14	G 3/4	43.5	15.5	16	36	0,154
6800-12-14	18-20	3/4"	1.3/16-12	G 3/4	45	17	16	36	0,164
6800-12-15	22-25	1"	1.7/16-12	G 3/4	45.5	17.5	16	41	0,236
6800-16-14	18-20	3/4"	1.3/16-12	G 1	47.5	17	18	41	0,271
6800-16-15	22-25	1"	1.7/16-12	G 1	48	17.5	18	41	0,276
6800-16-21	28-32	1.1/4"	1.11/16-12	G 1	49.5	17.5	18	46	0,37
6800-20-15	22-25	1"	1.7/16-12	G 1.1/4	51.5	17.5	20	50	0,505
6800-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	51.5	17.5	20	50	0,487
6800-24-32	35-38	1.1/2"	2-12	G 1.1/2	55.5	17.5	22	55	0,585

6805



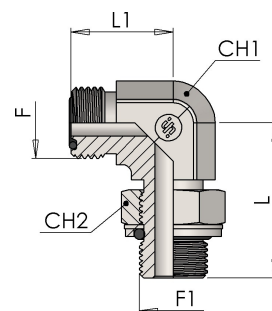
Male stud connector ORFS-BSPP (Form E ISO 1179-2)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6805-02-06	6	1/4"	9/16-18	G 1/8	25	10	8	17	0,029
6805-04-06	6	1/4"	9/16-18	G 1/4	30.5	10	12	19	0,042
6805-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	31.5	11	12	19	0,045
6805-04-11	12	1/2"	13/16-16	G 1/4	33	13	12	22	0,040
6805-06-06	6	1/4"	9/16-18	G 3/8	30.5	10	12	22	0,061
6805-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	31.5	11	12	22	0,063
6805-06-11	12	1/2"	13/16-16	G 3/8	33.5	13	12	22	0,06
6805-06-13	14-16	5/8"	1-14	G 3/8	37	15.5	12	27	0,093
6805-08-06	6	1/4"	9/16-18	G 1/2	36	10	14	27	0,078
6805-08-09	8-10	5/16"-3/8"	11/16-16	G 1/2	35	11	14	27	0,052
6805-08-11	12	1/2"	13/16-16	G 1/2	37	13	14	27	0,090
6805-08-13	14-16	5/8"	1-14	G 1/2	39.5	15.5	14	27	0,110
6805-08-14	18-20	3/4"	1.3/16-12	G 1/2	43	17	14	32	0,147
6805-12-06	6	1/4"	9/16-18	G 3/4	39	10	16	32	0,117
6805-12-11	12	1/2"	13/16-16	G 3/4	41	13	16	32	0,151
6805-12-13	14-16	5/8"	1-14	G 3/4	43.5	15.5	16	32	0,154
6805-12-14	18-20	3/4"	1.3/16-12	G 3/4	45	17	16	32	0,164
6805-12-15	22-25	1"	1.7/16-12	G 3/4	46	17.5	16	41	0,236
6805-16-13	14-16	5/8"	1-14	G 1	46	15.5	18	41	0,271
6805-16-14	18-20	3/4"	1.3/16-12	G 1	47.5	17	18	41	0,276
6805-16-15	22-25	1"	1.7/16-12	G 1	48	17.5	18	41	0,37
6805-16-21	28-32	1.1/4"	1.11/16-12	G 1	53.5	17.5	18	46	0,505
6805-20-15	22-25	1"	1.7/16-12	G 1.1/4	51.5	17.5	20	50	0,487
6805-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	51.5	17.5	20	50	0,532
6805-24-32	35-38	1.1/2"	2-12	G 1.1/2	55.5	17.5	22	55	0,585

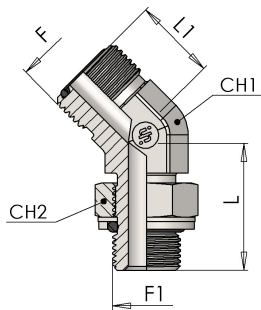
6215

90° Adjustable stud elbow ORFS-BSP (ISO 1179)

SDE

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6215-02-06	6	1/4"	9/16-18	G 1/8	30	21	14	14	0,049
6215-04-06	6	1/4"	9/16-18	G 1/4	37	23	19	19	0,093
6215-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	37	25	19	19	0,097
6215-04-11	12	1/2"	13/16-16	G 1/4	37	28	19	19	0,108
6215-06-06	6	1/4"	9/16-18	G 3/8	38	23	19	22	0,099
6215-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	38	25	19	22	0,106
6215-06-11	12	1/2"	13/16-16	G 3/8	38	28	19	22	0,108
6215-06-13	14-16	5/8"	1-14	G 3/8	43	33.5	27	22	0,235
6215-08-09	8-10	5/16"-3/8"	11/16-16	G 1/2	48	29.5	27	27	0,12
6215-08-11	12	1/2"	13/16-16	G 1/2	48	30.5	27	27	0,239
6215-08-13	14-16	5/8"	1-14	G 1/2	48	33.5	27	27	0,274
6215-08-14	18-20	3/4"	1.3/16-12	G 1/2	48	37.5	27	27	0,297
6215-12-11	12	1/2"	13/16-16	G 3/4	51.5	32	27	36	0,258
6215-12-13	14-16	5/8"	1-14	G 3/4	51.5	33.5	27	36	0,352
6215-12-14	18-20	3/4"	1.3/16-12	G 3/4	51.5	37.5	27	36	0,355
6215-12-15	22-25	1"	1.7/16-12	G 3/4	54.5	41.5	36	36	0,533
6215-16-14	18-20	3/4"	1.3/16-12	G 1	59	39.5	36	41	0,362
6215-16-15	22-25	1"	1.7/16-12	G 1	59	41.5	36	41	0,551
6215-16-21	28-32	1.1/4"	1.11/16-12	G 1	60.5	44.5	41	41	0,712
6215-20-15	22-25	1"	1.7/16-12	G 1.1/4	62	43	41	50	0,758
6215-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	62	44.5	41	50	0,752
6215-24-21	28-32	1.1/4"	1.11/16-12	G 1.1/2	65	46.5	50	55	0.821
6215-24-32	35-38	1.1/2"	2-12	G 1.1/2	65	49	50	55	0,953

6260



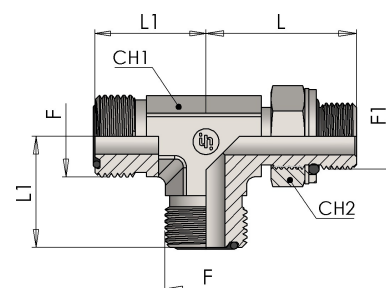
45° Adjustable stud elbow ORFS-BSP (ISO 1179)

SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6260-02-06	6	1/4"	9/16-18	G 1/8	28	18	14	14	0,038
6260-04-06	6	1/4"	9/16-18	G 1/4	32.5	18.5	19	19	0,055
6260-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	32.5	19.5	19	19	0,085
6260-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	33.5	19.5	19	22	0,095
6260-06-11	12	1/2"	13/16-16	G 3/8	33.5	22	19	22	0,117
6260-08-09	8-10	5/16"-3/8"	11/16-16	G 1/2	42	22.5	27	27	0,107
6260-08-13	14-16	5/8"	1-14	G 1/2	42	26	27	27	0,191
6260-12-13	14-16	5/8"	1-14	G 3/4	46	26	27	36	0,205
6260-12-14	18-20	3/4"	1.3/16-12	G 3/4	46	27	27	36	0,245
6260-16-14	18-20	3/4"	1.3/16-12	G 1	51	29.5	36	41	0,325
6260-16-15	22-25	1"	1.7/16-12	G 1	51	30	36	41	0,394
6260-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	52	32	41	50	0,430
6260-24-32	38	1.1/2"	2-12	G 1.1/2	55	37	50	55	0,872

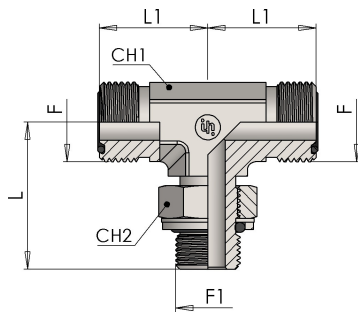
6460

Adjustable stud Run Tee ORFS-BSP (ISO 1179)

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6460-02-06	6	1/4"	9/16-18	G 1/8	30	21	14	14	0,069
6460-04-06	6	1/4"	9/16-18	G 1/4	37	23	19	19	0,097
6460-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	37	25	19	19	0,127
6460-06-06	6	1/4"	9/16-18	G 3/8	38	23	19	22	0,11
6460-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	38	25	19	22	0,126
6460-06-11	12	1/2"	13/16-16	G 3/8	38	28	19	22	0,146
6460-08-11	12	1/2"	13/16-16	G 1/2	48	30.5	27	27	0,174
6460-08-13	14-16	5/8"	1-14	G 1/2	48	33.5	27	27	0,288
6460-12-13	14-16	5/8"	1-14	G 3/4	51.5	33.5	27	36	0,31
6460-12-14	18-20	3/4"	1.3/16-12	G 3/4	51.5	37.5	27	36	0,49
6460-16-15	22-25	1"	1.7/16-12	G 1	59	41.5	36	41	0,55
6460-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	62	44.5	41	50	0,825
6460-24-32	35-38	1.1/2"	2-12	G 1.1/2	65	49	50	55	0,95

6410



Adjustable stud Branch Tee ORFS-BSP (ISO 1179)

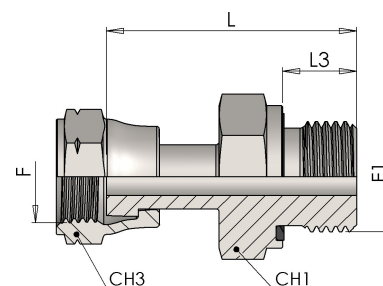
SDBT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6410-02-06	6	1/4"	9/16-18	G 1/8	30	21	14	14	0,069
6410-04-06	6	1/4"	9/16-18	G 1/4	37	23	19	19	0,097
6410-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	37	25	19	19	0,127
6410-06-06	6	1/4"	9/16-18	G 3/8	38	23	19	22	0,11
6410-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	38	25	19	22	0,126
6410-06-11	12	1/2"	13/16-16	G 3/8	38	28	19	22	0,146
6410-08-11	12	1/2"	13/16-16	G 1/2	48	30.5	27	27	0,174
6410-08-13	14-16	5/8"	1-14	G 1/2	48	33.5	27	27	0,288
6410-12-13	14-16	5/8"	1-14	G 3/4	51.5	33.5	27	36	0,31
6410-12-14	18-20	3/4"	1.3/16-12	G 3/4	51.5	37.5	27	36	0,49
6410-16-15	22-25	1"	1.7/16-12	G 1	59	41.5	36	41	0,55
6410-20-21	28-32	1.1/4"	1.11/16-12	G 1.1/4	62	44.5	41	50	0,825
6410-24-32	35-38	1.1/2"	2-12	G 1.1/2	65	49	50	55	0,95

6036

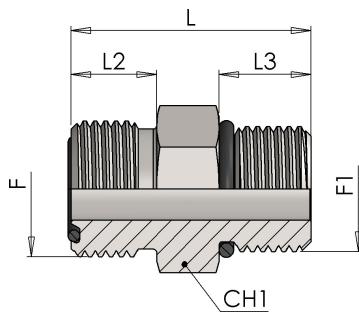
ORFS Swivel female - Male BSPP (Form E ISO 1179-2)

SWS



Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L3	CH1	CH3	
6036-02-06	6	1/4"	9/16-18	G 1/8	34	8	17	17	0,043
6036-04-06	6	1/4"	9/16-18	G 1/4	38	12	19	17	0,059
6036-04-09	8-10	5/16"-3/8"	11/16-16	G 1/4	40	12	19	22	0,072
6036-04-11	12	1/2"	13/16-16	G 1/4	47	12	22	24	0,098
6036-06-09	8-10	5/16"-3/8"	11/16-16	G 3/8	40	12	22	22	0,086
6036-06-11	12	1/2"	13/16-16	G 3/8	47	12	22	24	0,104
6036-08-09	8-10	5/16"-3/8"	11/16-16	G 1/2	42	14	27	22	0,092
6036-08-11	12	1/2"	13/16-16	G 1/2	49	14	27	24	0,142
6036-08-13	14-16	5/8"	1-14	G 1/2	52	14	27	30	0,165
6036-12-13	14-16	5/8"	1-14	G 3/4	54	16	32	30	0,185
6036-12-14	18-20	3/4"	1.3/16-12	G 3/4	57	16	32	36	0,266
6036-16-15	22-25	1"	1.7/16-12	G 1	67	18	41	41	0,414
6036-20-21	28-32	1.1/4"	1.11/16-12	G 1 1/4	69	20	50	50	0,623
6036-24-32	35-38	1.1/2"	2-12	G 1 1/2	72	22	55	60	0,885

6100



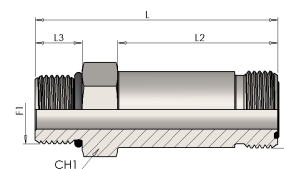
Male stud connector ORFS-UNF (ISO 11926)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6100-04-06	6	1/4"	9/16-18	7/16-20	29	10	11	17	0,029
6100-04-09	8-10	5/16"-3/8"	11/16-16	7/16-20	34	11	11	19	0,047
6100-06-06	6	1/4"	9/16-18	9/16-18	31	10	12	19	0,036
6100-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	32	11	12	19	0,045
6100-06-11	12	1/2"	13/16-16	9/16-18	37	13	12	22	0,066
6100-08-06	6	1/4"	9/16-18	3/4-16	34	10	14	22	0,057
6100-08-09	8-10	5/16"-3/8"	11/16-16	3/4-16	35	11	14	22	0,062
6100-08-11	12	1/2"	13/16-16	3/4-16	38	13	14	22	0,073
6100-10-09	8-10	5/16"-3/8"	11/16-16	7/8-14	39	11	16	27	0,089
6100-10-13	14-16	5/8"	1-14	7/8-14	43.5	15.5	16	27	0,109
6100-10-14	18-20	3/4"	1.3/16-12	7/8-14	51	17	16	32	0,177
6100-12-11	12	1/2"	13/16-12	1.1/16-12	44	13	18.5	32	0,143
6100-12-13	14-16	5/8"	1-14	1.1/16-12	47	15.5	18.5	32	0,153
6100-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	48.5	17	18.5	32	0,182
6100-12-15	22-25	1"	1.7/16-12	1.1/16-12	55	17.5	18.5	41	0,311
6100-16-14	18-20	3/4"	1.3/16-12	1.5/16-12	50	17	18.5	41	0,254
6100-16-15	22-25	1"	1.7/16-12	1.5/16-12	50	17.5	18.5	41	0,278
6100-20-15	22-25	1"	1.7/16-12	1.5/8-12	52.5	17.5	18.5	46	0,348
6100-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	52.5	17.5	18.5	46	0,361
6100-24-21	28-32	1.1/4"	1.11/16-12	1.7/8-12	54	17.5	18.5	55	0,489
6100-24-32	35-38	1.1/2"	2-12	1.7/8-12	54	17.5	18.5	55	0,512

Straight long stud connector (ISO 11926)

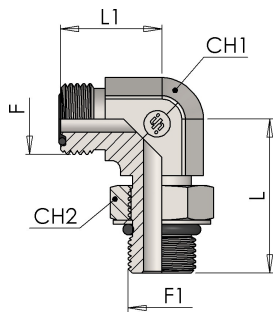
SDSL



Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6925-04-06	6	1/4"	9/16-18	7/16-20	53	34	11	17	0,051
6925-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	58	37	12	19	0,079
6925-08-11*	12	1/2"	13/16-16	3/4-16	68	45	14	22	0,125
6925-10-13*	14-16	5/8"	1-14	7/8-14	80	53	16	27	0,212
6925-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	96	64	18.5	32	0,309
6925-16-15*	22-25	1"	1.7/16-12	1.5/16-12	105	73	18.5	41	0,435
6925-20-21*	28-32	1.1/4"	1.11/16-12	1.5/8-12	121	86	18.5	46	0,818
6925-24-32*	35-38	1.1/2"	2-12	1.7/8-12	134	97	18.5	55	1,430

*Minimum order quantity

6200



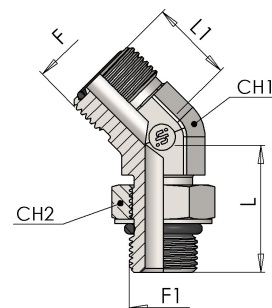
Adjustable stud elbow ORFS-UNF (ISO 11926)

SDE

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6200-04-06	6	1/4"	9/16-18	7/16-20	32	21	14	17	0,053
6200-06-06	6	1/4"	9/16-18	9/16-18	37	23	19	19	0,066
6200-06-09	8-10	5/16"- 3/8"	11/16-16	9/16-18	37	25	19	19	0,068
6200-08-09	8-10	5/16"- 3/8"	11/16-16	3/4-16	41	25	19	24	0,111
6200-08-11	12	1/2"	13/16-16	3/4-16	41	28	19	24	0,164
6200-08-14	18-20	3/4"	1.3/16-12	3/4-16	47.5	38	27	24	0,26
6200-10-13	14-16	5/8"	1-14	7/8-14	50	33.5	27	27	0,214
6200-10-14	18-20	3/4"	1.3/16-16	7/8-14	52.5	38	27	27	0,275
6200-12-11	12	1/2"	13/16-16	1.1/16-12	55	33.5	27	36	0,364
6200-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	55	37.5	27	36	0,350
6200-16-15	22-25	1"	1.7/16-12	1.5/16-12	59	41.5	36	41	0,490
6200-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	62	44.5	41	50	0,695
6200-24-32	35-38	1.1/2"	2-12	1.7/8-12	67	49	50	55	0,775

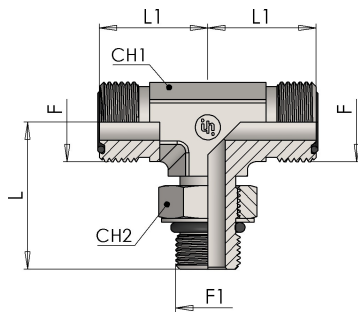
6250

Adjustable stud elbow ORFS-UNF (ISO 11926)

SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6250-04-06	6	1/4"	9/16-18	7/16-20	30	18	14	17	0,045
6250-04-09	8-10	5/16"-3/8"	11/16-16	7/16-20	31.5	19.5	19	17	0.064
6250-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	33	19.5	19	19	0,083
6250-08-09	8-10	5/16"-3/8"	11/16-16	3/4-16	37	19	19	24	0.096
6250-08-11	12	1/2"	13/16-16	3/4-16	37	22	19	24	0,117
6250-08-13	14-16	5/8"	1-14	3/4-16	40.5	26	27	24	0.192
6250-10-13	14-16	5/8"	1-14	7/8-14	44	26	27	27	0,194
6250-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	50	27	27	36	0,294
6250-16-15	22-25	1"	1.7/16-12	1.5/16-12	52.5	30	36	41	0,394
6250-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	53.5	32	41	50	0,447
6250-24-32	38	1.1/2"	2-12	1.7/2-12	53.5	37	50	55	0,865

6400

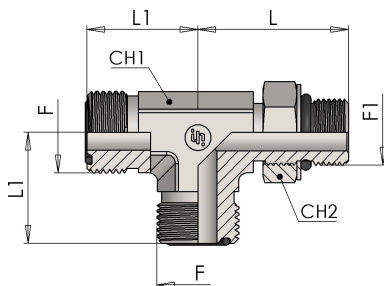


Adjustable stud Branch Tee ORFS-UNF (ISO 11926)

SDBT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6400-04-06	6	1/4"	9/16-18	7/16-20	32	21	14	17	0,067
6400-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	37	25	19	19	0,131
6400-08-11	12	1/2"	13/16-16	3/4-16	41	28	19	24	0,187
6400-10-13	14-16	5/8"	1-14	7/8-16	50	33.5	27	27	0,279
6400-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	55	37.5	27	36	0,441
6400-16-15	22-25	1"	1.7/16-12	1.5/16-12	59	41.5	36	41	0,539
6400-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	62	44.5	41	50	0,851
6400-24-32	35-38	1.1/2"	2-12	1.7/8-12	67	49	50	55	0,942

6450



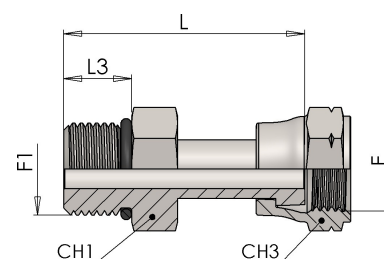
Adjustable stud Run Tee ORFS-UNF (ISO 11926)

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6450-04-06	6	1/4"	9/16-18	7/16-20	32	21	14	17	0,067
6450-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	37	25	19	19	0,131
6450-08-11	12	1/2"	13/16-16	3/4-16	41	28	19	24	0,187
6450-10-13	14-16	5/8"	1-14	7/8-16	50	33.5	27	27	0,279
6450-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	55	37.5	27	36	0,441
6450-16-15	22-25	1"	1.7/16-12	1.5/16-12	59	41.5	36	41	0,539
6450-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	62	44.5	41	50	0,851
6450-24-32	35-38	1.1/2"	2-12	1.7/8-12	67	49	50	55	0,942

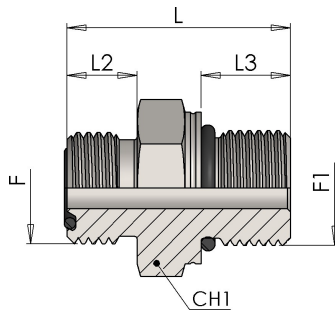
6120

ORFS Swivel female - Male UN/UNF (ISO 11926)

SDSWS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L3	CH1	CH3	
6120-04-06	6	1/4"	9/16-18	7/16-20	37	11	17	17	0,053
6120-06-09	8-10	5/16"-3/8"	11/16-16	9/16-18	40	12	19	22	0,066
6120-08-11	12	1/2"	13/16-16	3/4-16	50	14	22	24	0,11
6120-10-13	14-16	5/8"	1-14	7/8-14	54	16	27	30	0,173
6120-12-14	18-20	3/4"	1.3/16-12	1.1/16-12	59	18.5	32	36	0,275
6120-16-15	22-25	1"	1.7/16-12	1.5/16-12	68	18.5	41	41	0,462
6120-20-21	28-32	1.1/4"	1.11/16-12	1.5/8-12	68	18.5	46	50	0,622

6840



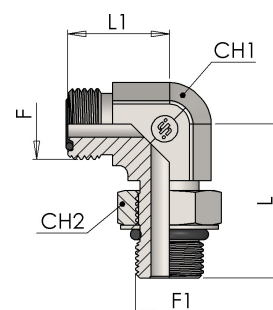
Male stud connector ORFS-METRIC (ISO 6149)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6840-10-06	6	1/4"	9/16-18	M10x1	27	10	9.5	17	0,02
6840-12-06	6	1/4"	9/16-18	M12x1.5	28.5	10	11	17	0,024
6840-12-09	8-10	5/16"-3/8"	11/16-16	M12x1.5	32	11	11	19	0,04
6840-14-06	6	1/4"	9/16-18	M14x1,5	29.5	10	11	19	0,03
6840-14-09	8-10	5/16"-3/8"	11/16-16	M14x1,5	30.5	11	11	19	0,043
6840-14-11	12	1/2"	13/16-16	M14x1,5	33.5	13	11	22	0,04
6840-16-09	8-10	5/16"-3/8"	11/16-16	M16x1,5	33.5	11	12.5	22	0,043
6840-16-11	12	1/2"	13/16-16	M16x1,5	36.5	13	12.5	22	0,058
6840-18-09	8-10	5/16"-3/8"	11/16-16	M18x1,5	34	11	14	24	0,045
6840-18-11	12	1/2"	13/16-16	M18x1,5	38	13	14	24	0,055
6840-18-13	14-16	5/8"	1-14	M18x1,5	41	15.5	14	27	0,12
6840-22-09	8-10	5/16"-3/8"	11/16-16	M22x1,5	37.5	11	15	27	0,052
6840-22-11	12	1/2"	13/16-16	M22x1,5	39.5	13	15	27	0,06
6840-22-13	14-16	5/8"	1-14	M22x1,5	42	15.5	15	27	0,127
6840-22-14	18-20	3/4"	1.3/16-12	M22x1,5	45	17	15	32	0,17
6840-27-11	12	1/2"	13/16-16	M27x2	44.5	13	18.5	32	0,07
6840-27-14	18-20	3/4"	1.3/16-12	M27x2	48.5	17	18.5	32	0,187
6840-27-15	22-25	1"	1.7/16-12	M27x2	52	17.5	18.5	41	0,23
6840-33-14	18-20	3/4"	1.3/16-12	M33x2	51.5	17	18.5	41	0,2
6840-33-15	22-25	1"	1.7/16-12	M33x2	52	17.5	18.5	41	0,27
6840-33-21	28-32	1.1/4"	1.11/16-12	M33x2	54	17.5	18.5	46	0,37
6840-42-21	28-32	1.1/4"	1.11/16-12	M42x2	54.5	17.5	19	50	0,39
6840-42-32	35-38	1.1/2"	2-12	M42x2	54.5	17.5	19	55	0,4
6840-48-32	35-38	1.1/2"	2-12	M48x2	57	17.5	21.5	55	0,412

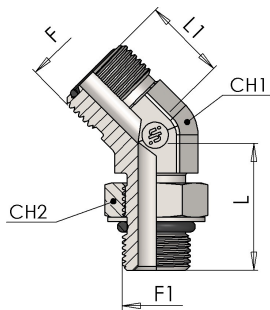
6870

90° Adjustable stud elbow ORFS- METRIC (ISO 6149)

SDE

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6870-10-06	6	1/4"	9/16-18	M10x1	30	21	14	14	0,050
6870-12-06	6	1/4"	9/16-18	M12x1.5	33	21	14	17	0,052
6870-12-09	8-10	5/16"-3/8"	11/16-16	M12x1.5	35	25	19	17	0,085
6870-14-09	8-10	5/16"-3/8"	11/16-16	M14x1.5	36	25	19	19	0,069
6870-16-09	8-10	5/16"-3/8"	11/16-16	M16x1.5	38	25	19	22	0,079
6870-18-09	8-10	5/16"-3/8"	11/16-16	M18x1.5	41	25	19	24	0,115
6870-18-11	12	1/2"	13/16-16	M18x1.5	41	28	19	24	0,123
6870-18-13	14-16	5/8"	1-14	M18x1.5	45.5	33.5	27	24	0,190
6870-22-13	14-16	5/8"	1-14	M22x1.5	50	33.5	27	27	0,215
6870-27-14	18-20	3/4"	1.3/16-12	M27x2	55	37.5	27	32	0,420
6870-33-15	22-25	1"	1.7/16-12	M33x2	59	41.5	36	41	0,500
6870-42-21	28-32	1.1/4"	1.11/16-12	M42x2	62	44.5	41	50	0,560
6870-48-32	35-38	1.1/2"	2-12	M48x2	68	49	50	55	0,685

6860



45° Adjustable stud elbow ORFS-METRIC (ISO 6149)

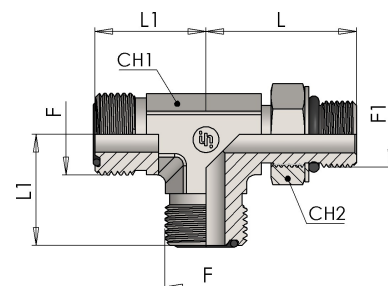
SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6860-12-06	6	1/4"	9/16-18	M12x1.5	30	18	14	17	0,045
6860-14-09	8-10	5/16"-3/8"	11/16-16	M14x1.5	32	19.5	19	19	0,075
6860-16-09	8-10	5/16"-3/8"	11/16-16	M16x1.5	34	19.5	19	22	0,080
6860-18-11	12	1/2"	13/16-16	M18x1.5	37	22	19	24	0,110
6860-18-13	14-16	5/8"	1-14	M18x1.5	40	26	27	24	0,170
6860-22-13	14-16	5/8"	1-14	M22x1.5	44	26	27	27	0,190
6860-27-14	18-20	3/4"	1.3/16-12	M27x2	50	27	27	32	0,250
6860-33-15	22-25	1"	1.7/16-12	M33x2	52.5	30	36	41	0,300
6860-42-21	28-32	1.1/4"	1.11/16-12	M42x2	54	32	41	50	0,445
6860-48-32	35-38	1.1/2"	2-12	M48X2	56.5	37	50	55	0,889

6880

Adjustable stud Run Tee ORFS-METRIC (ISO 6149)

SDRT

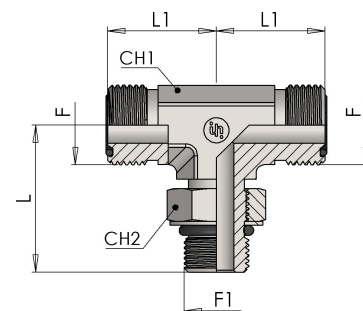


Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6880-12-06	6	1/4"	9/16-18	M12x1.5	33	21	14	17	0.066
6880-14-09	8-10	5/16"-3/8"	11/16-16	M14x1.5	36	25	19	19	0.080
6880-16-09	8-10	5/16"-3/8"	11/16-16	M16x1.5	38	25	19	22	0.085
6880-18-11	12	1/2"	13/16-16	M18x1.5	41	28	19	24	0.200
6880-22-13	14-16	5/8"	1-14	M22x1.5	50	33.5	27	27	0.280
6880-27-14	18-20	3/4"	1.3/16-12	M27x2	55	37.5	27	32	0.530
6880-33-15	22-25	1"	1.7/16-12	M33x2	59	41.5	36	41	0.650
6880-42-21	28-32	1.1/4"	1.11/16-12	M42x2	62	44.5	41	50	0.730
6880-48-32	35-38	1.1/2"	2-12	M48x2	68	49	50	55	0.890

6890

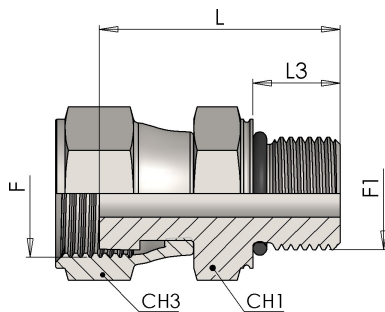
Adjustable stud Branch Tee ORFS-METRIC (ISO 6149)

SDBT



Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6890-12-06	6	1/4"	9/16-18	M12x1.5	33	21	14	17	0.066
6890-14-09	8-10	5/16"-3/8"	11/16-16	M14x1.5	36	25	19	19	0.080
6890-16-09	8-10	5/16"-3/8"	11/16-16	M16x1.5	38	25	19	22	0.085
6890-18-11	12	1/2"	13/16-16	M18x1.5	41	28	19	24	0.200
6890-22-13	14-16	5/8"	1-14	M22x1.5	50	33.5	27	27	0.280
6890-27-14	18-20	3/4"	1.3/16-12	M27x2	55	37.5	27	32	0.530
6890-33-15	22-25	1"	1.7/16-12	M33x2	59	41.5	36	41	0.650
6890-42-21	28-32	1.1/4"	1.11/16-12	M42x2	62	44.5	41	50	0.730
6890-48-32	35-38	1.1/2"	2-12	M48x2	68	49	50	55	0.890

6850



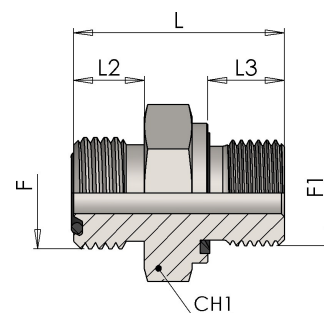
ORFS Swivel female - Male Metric (ISO 6149)

SDSWS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L3	CH1	CH3	
6850-12-06	6	1/4"	9/16-18	M12x1,5	37	11	17	17	0,053
6850-16-09	8-10	5/16"-3/8"	11/16-16	M16x1,5	40.5	12.5	22	22	0,072
6850-18-11	12	1/2"	13/16-16	M18x1,5	49.5	14	24	24	0,11
6850-22-13	14-16	5/8"	1-14	M22x1,5	53	15	27	30	0,173
6850-27-14	18-20	3/4"	1.3/16-12	M27x2	59.5	18.5	32	36	0,275
6850-33-15	22-25	1"	1.7/16-12	M33x2	67.5	18.5	41	41	0,462
6850-42-21	28-32	1.1/4"	1.11/16-12	M42x2	68	19	50	50	0,622
6850-48-32	35-38	1.1/2"	2-12	M48x2	70.5	21.5	55	60	0,885

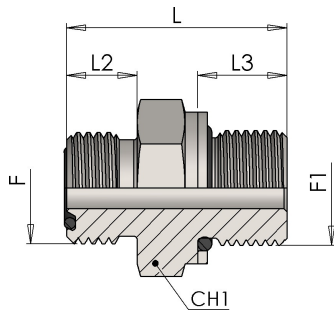
6905

Male stud connector ORFS-METRICO (Form E ISO 9974-2)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6905-10-06	6	1/4"	9/16-18	M10x1	25	10	8	17	0,020
6905-12-06	6	1/4"	9/16-18	M12x1.5	29	10	12	17	0,024
6905-12-09	8-10	5/16"-3/8"	11/16-16	M12x1.5	31.5	11	12	19	0,040
6905-14-06	6	1/4"	9/16-18	M14x1.5	30.5	10	12	19	0,030
6905-14-09	8-10	5/16"-3/8"	11/16-16	M14x1.5	31.5	11	12	19	0,043
6905-16-09	8-10	5/16"-3/8"	11/16-16	M16x1.5	31.5	11	12	22	0,043
6905-16-11	12	1/2"	13/16-16	M16x1.5	33.5	13	12	22	0,058
6905-18-06	6	1/4"	9/16-18	M18x1.5	31.5	10	12	24	0,054
6905-18-11	12	1/2"	13/16-16	M18x1.5	36	13	12	24	0,050
6905-18-13	14-16	5/8"	1-14	M18x1.5	37.5	15.5	12	27	0,120
6905-22-13	14-16	5/8"	1-14	M22x1.5	39.5	15.5	14	27	0,127
6905-27-14	18-20	3/4"	1.3/16-12	M27x2	45	17	16	32	0,187
6905-33-15	22-25	1"	1.7/16-12	M33x2	48	17.5	18	41	0,270
6905-33-21	28-32	1.1/4"	1.11/16-12	M33x2	50	17.5	18	46	0,338
6905-42-21	28-32	1.1/4"	1.11/16-12	M42x2	51.5	17.5	20	50	0,390
6905-48-32	35-38	1.1/2"	2-12	M48x2	55.5	17.5	22	55	0,412

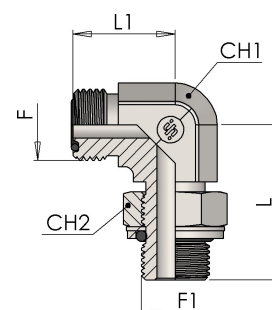
6900



Male stud connector ORFS-METRIC with O-ring and retaining ring

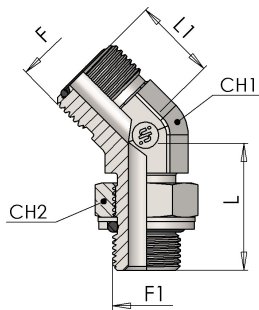
SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6900-10-06	6	1/4"	9/16-18	M10x1	26	10	9	17	0,02
6900-12-06	6	1/4"	9/16-18	M12x1,5	28.5	10	11.5	17	0,024
6900-14-09	8-10	5/16"-3/8"	11/16-16	M14x1,5	30.5	11	11.5	19	0,043
6900-16-09	8-10	5/16"-3/8"	11/16-16	M16x1,5	33	11	13	22	0,043
6900-18-11	12	1/2"	13/16-16	M18x1,5	38	13	13.5	24	0,055
6900-22-13	14-16	5/8"	1-14	M22x1,5	40.5	15.5	15	27	0,127
6900-27-14	18-20	3/4"	1.3/16-12	M27x2	47.5	17	18.5	32	0,187
6900-33-15	22-25	1"	1.7/16-12	M33x2	50	17.5	18.5	41	0,27
6900-42-21	28-32	1.1/4"	1.11/16-12	M42x2	52.5	17.5	19	50	0,39
6900-48-32	35-38	1.1/2"	2-12	M48x2	55	17.5	21.5	55	0,412

6320**90° Adjustable stud elbow ORFS-METRIC with O-ring and retaining ring****SDE**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6320-10-06	6	1/4"	9/16-18	M10X1	30	21	14	14	0,054
6320-12-06	6	1/4"	9/16-18	M12X1.5	33	21	14	17	0,064
6320-12-09	8-10	5/16"-3/8"	11/16-16	M12X1.5	35	25	19	17	0,096
6320-14-09	8-10	5/16"-3/8"	11/16-16	M14X1.5	36	25	19	19	0,101
6320-16-09	8-10	5/16"-3/8"	11/16-16	M16X1.5	38	25	19	22	0,119
6320-16-11	12	1/2"	13/16-16	M16X1.5	38	28	19	22	0,129
6320-18-09	8-10	5/16"-3/8"	11/16-16	M18X1.5	41	25	19	24	0,115
6320-18-11	12	1/2"	13/16-16	M18X1.5	41	28	19	24	0,123
6320-18-13	14-16	5/8"	1-14	M18X1.5	45.5	33.5	27	24	0,160
6320-22-13	14-16	5/8"	1-14	M22X1.5	50	33.5	27	27	0,190
6320-22-14	18-20	3/4"	1.3/16-12	M22X1.5	50	37.5	27	27	0,205
6320-27-14	18-20	3/4"	1.3/16-12	M27X2	55	37.5	27	32	0,235
6320-27-15	22-25	1"	1.7/16-12	M27X2	57	41.5	36	32	0,270
6320-33-15	22-25	1"	1.7/16-12	M33X2	59	41.5	36	41	0,300
6320-42-21	28-32	1.1/4"	1.11/16-12	M42X2	62	44.5	41	50	0,445
6320-48-32	35-38	1.1/2"	2-12	M48X2	68	49	50	55	0,570

6270



45° Adjustable stud elbow ORFS-METRIC with O-ring and retaining ring

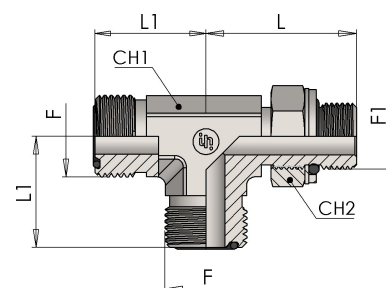
SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6270-10-06	6	1/4"	9/16-18	M10X1	28	18	14	14	0,038
6270-12-06	6	1/4"	9/16-18	M12X1.5	30	18	14	17	0,044
6270-14-09	8-10	5/16"-3/8"	11/16-16	M14X1.5	32	19.5	19	19	0,075
6270-16-09	8-10	5/16"-3/8"	11/16-16	M16X1.5	34	19.5	19	22	0,082
6270-18-11	12	1/2"	13/16-16	M18X1.5	37	22	19	24	0,110
6270-18-13	14-16	5/8"	1-14	M18X1.5	40	26	27	24	0,160
6270-22-13	14-16	5/8"	1-14	M22X1.5	44	26	27	27	0,190
6270-27-14	18-20	3/4"	1.3/16-12	M27X2	50	27	27	32	0,235
6270-33-15	22-25	1"	1.7/16-12	M33X2	52.5	30	36	41	0,300
6270-42-21	28-32	1.1/4"	1.11/16-12	M42X2	54	32	41	50	0,445
6270-48-32	38	1.1/2"	2-12	M48x2	56.5	37	50	55	0,889

6470

**Adjustable stud Run Tee ORFS-
METRIC with O-ring and retaining
ring**

SDRT

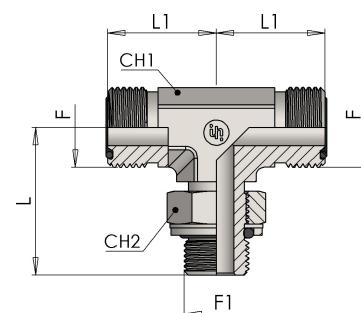


Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6470-12-06	6	1/4"	9/16-18	M12X1.5	33	21	14	17	0,066
6470-14-09	8-10	5/16"-3/8"	11/16-16	M14X1.5	36	25	19	19	0,097
6470-16-09	8-10	5/16"-3/8"	11/16-16	M16X1.5	38	25	19	22	0,131
6470-18-11	12	1/2"	13/16-16	M18X1.5	41	28	19	24	0,2
6470-22-13	14-16	5/8"	1-14	M22X1.5	50	33.5	27	27	0,283
6470-27-14	18-20	3/4"	1.3/16-12	M27X2	55	37.5	27	32	0,549
6470-33-15	22-25	1"	1.7/16-12	M33X2	59	41.5	36	41	0,652
6470-42-21	28-32	1.1/4"	1.11/16-12	M42X2	62	44.5	41	50	0,824
6470-48-32	35-38	1.1/2"	2-12	M48X2	68	49	50	55	0,94

6420

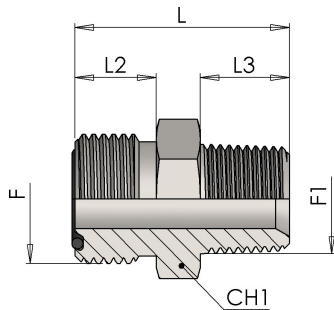
**Adjustable stud Branch Tee ORFS-
METRIC with O-ring and retaining
ring**

SDBT



Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
6420-12-06	6	1/4"	9/16-18	M12X1.5	33	21	14	17	0,066
6420-14-09	8-10	5/16"-3/8"	11/16-16	M14X1.5	36	25	19	19	0,097
6420-16-09	8-10	5/16"-3/8"	11/16-16	M16X1.5	38	25	19	22	0,131
6420-18-11	12	1/2"	13/16-16	M18X1.5	41	28	19	24	0,187
6420-22-13	14-16	5/8"	1-14	M22X1.5	50	33.5	27	27	0,283
6420-27-14	18-20	3/4"	1.3/16-12	M27X2	55	37.5	27	32	0,549
6420-33-15	22-25	1"	1.7/16-12	M33X2	59	41.5	36	41	0,565
6420-42-21	28-32	1.1/4"	1.11/16-12	M42X2	62	44.5	41	50	0,824
6420-48-32	35-38	1.1/2"	2-12	M48X2	68	49	50	55	0,94

6830



Male stud connector ORFS-NPTF

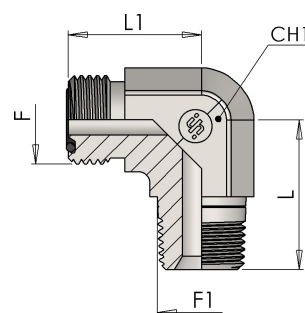
SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
6830-02-06	6	1/4"	9/16-18	1/8-27 NPTF	27	10	10	17	0,026
6830-04-06	6	1/4"	9/16-18	1/4-18 NPTF	33	10	14.5	17	0,034
6830-04-09	8-10	5/16"-3/8"	11/16-16	1/4-18 NPTF	34	11	14.5	19	0,039
6830-06-06	6	1/4"	9/16-18	3/8-18 NPTF	33	10	14.5	19	0,047
6830-06-09	8-10	5/16"-3/8"	11/16-16	3/8-18 NPTF	34	11	14.5	19	0,052
6830-06-11	12	1/2"	13/16-16	3/8-18 NPTF	37	13	14.5	22	0,083
6830-08-09	8-10	5/16"-3/8"	11/16-16	1/2-14 NPTF	35	11	19	22	0,082
6830-08-11	12	1/2"	13/16-16	1/2-14 NPT	42	13	19	22	0,084
6830-08-13	14-16	5/8"	1-14	1/2-14 NPTF	44.5	15.5	19	27	0,115
6830-08-14	18-20	3/4"	1.3/16-12	1/2-14 NPTF	48	17	19	32	0,165
6830-12-11	8-10	5/16"-3/8"	13/16-16	3/4-14 NPTF	45	13	19	27	0,166
6830-12-13	14-16	5/8"	1-14	3/4-14 NPTF	46.5	15.5	19	27	0,138
6830-12-14	18-20	3/4"	1.3/16-12	3/4-14 NPTF	48	17	19	32	0,179
6830-12-15	22-25	1"	1.7/16-12	3/4-14 NPTF	49	17.5	19	41	0,238
6830-16-14	18-20	3/4"	1.3/16-12	1-11.1/2 NPTF	53.5	17	24	36	0,225
6830-16-15	22-25	1"	1.7/16-12	1-11.1/2 NPTF	54	17.5	24	41	0,271
6830-20-21	28-32	1.1/4"	1.11/16-12	1.1/4-11.1/2 NPTF	56	17.5	24.5	46	0,424
6830-24-32	35-38	1.1/2"	2-12	1.1/2-11.1/2 NPTF	59	17.5	25.5	55	0,534

6230

90° Male stud elbows ORFS-NPTF

SDE

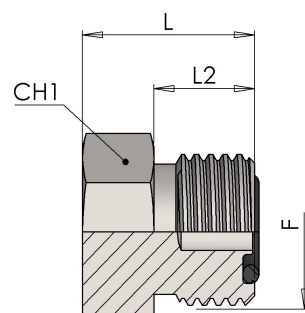


Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
6230-02-06	6	1/4"	9/16-18	1/8-27 NPTF	21	21	14	0.040
6230-04-06	6	1/4"	9/16-18	1/4-18 NPTF	27.5	21	14	0.050
6230-06-09	8-10	5/16"-3/8"	11/16-16	3/8-18 NPTF	31	25	19	0.080
6230-06-11	12	1/2"	13/16-16	3/8-18 NPTF	31	28	19	0.090
6230-08-11	12	1/2"	13/16-16	1/2-14 NPTF	37	28	22	0.125
6230-08-13	14-16	5/8"	1-14	1/2-14 NPTF	36	33.5	27	0.155
6230-12-14	18-20	3/4"	1.3/16-12	3/4-14 NPTF	40.5	37.5	27	0.205
6230-16-15	22-25	1"	1.7/16-12	1-11.1/2 NPTF	50	41.5	36	0.385
6230-20-21	28-32	1.1/4"	1.11/16-12	1.1/4-1.1/2 NPTF	60.5	44.5	41	0.470
6230-24-32	35-38	1.1/2"	2-12	1.1/2-11.1/2 NPTF	67	49	50	0.605

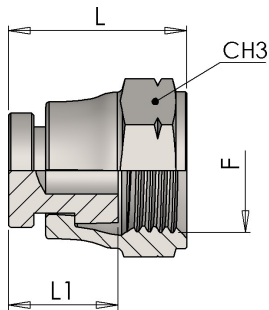
6600

ORFS Male plug (ISO 8434-3)

PL



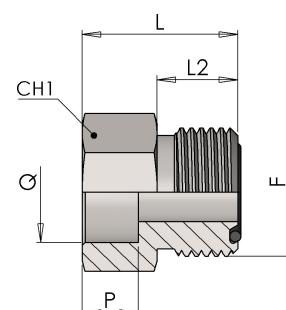
Product number	Ø tube		Thread F	Dimension			Weight kg/unit
	mm	inch		L	L2	CH1	
6600-06	6	1/4"	9/16-18	16.5	10	17	0,018
6600-09	8-10	5/16"-3/8"	11/16-16	19	11	19	0,034
6600-11	12	1/2"	13/16-16	22	13	22	0,045
6600-13	14-16	5/8"	1-14	26	15.5	27	0,091
6600-14	18-20	3/4"	1.3/16-12	27.5	17	32	0,138
6600-15	22-25	1"	1.7/16-12	28	17.5	41	0,203
6600-21	28-32	1.1/4"	1.11/16-12	28	17.5	46	0,266
6600-32	35-38	1.1/2"	2-12	28	17.5	55	0,369

6610**ORFS Female plug (ISO 8434-3)****CP**

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	L1	CH3	kg/unit
6610-06	6	1/4"	9/16-18	17	9	17	0,0275
6610-09	8-10	5/16"-3/8"	11/16-16	19	10.5	22	0,0385
6610-11	12	1/2"	13/16-16	22	12	24	0,0484
6610-13	14-16	5/8"	1-14	26	13.5	30	0,0874
6610-14	18-20	3/4"	1.3/16-12	28.5	15	36	0,1253
6610-15	22-25	1"	1.7/16-12	29.5	16	41	0,1671
6610-21	30-32	1.1/4"	1.11/16-12	29.5	16	50	0,3157
6610-32	35-38	1.1/2"	2-12	29.5	16	60	0,457

MO

ORFS braze-on straight connector (ISO 8434-3)

BRS

Product number	Ø tube		Thread	Dimension						Weight	O'Ring
	mm	inch	F	Q	P	L	L2	CH1	CH3	kg/unit	Part number
MO-06-10	6	9/16-18	9/16-18	10	8.5	22	10	17	0,023	0.023	8-107
MO-09-10	8-10	11/16-16	11/16-16	10	8.5	23	11	19	0,036	0.036	8-110
MO-09-12	8-10	11/16-16	11/16-16	10	8.5	23	11	19	0,03	0.030	8-110
MO-11-12	12	13/16-16	13/16-16	12	8.5	23	13	22	0,044	0.044	8-2050
MO-11-16	12	13/16-16	13/16-16	16	9	24.5	13	22	0,042	0.042	8-2050
MO-13-16	16	1-14	1-14	16	9	28	15.5	27	0,104	0.104	8-2062
MO-14-20	18-20	1.3/16-12	1.3/16-12	20	12.5	33.5	17	32	0,144	0.144	8-2075
MO-14-25	18-20	1.3/16-12	1.3/16-12	20	14	35	17	32	0,22	0.220	8-2075
MO-15-25	25	1.7/16-12	1.7/16-12	25	14	38.5	17.5	41	0,225	0.225	8-2080
MO-15-30	25	1.7/16-12	1.7/16-12	30	14	38.5	17.5	41	0,276	0.276	8-2080
MO-21-32	30-32	1.11/16-12	1.11/16-12	32	14	38.5	17.5	46	0,278	0.278	8-2118
MO-21-38	30-32	1.11/16-12	1.11/16-12	38	14	38.5	17.5	50	0,371	0.371	8-2118

Items supplied WITHOUT o-ring seal