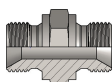


Adapters BSPP 60°





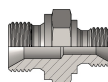
1700



Male stud connector BSP (ISO 8434-6)

7

1800



Reducing BSP Niple (ISO 8434-6)

8

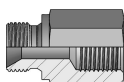
R605



Short Male-Female reducing (ISO 8434-6)

9

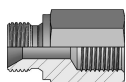
2000



Male-Female connector (ISO 8434-6)

10

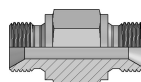
2010



Male-Female reducing (ISO 8434-6)

11

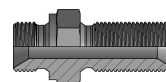
2020



Male/Male extension BSP (ISO 8434-6)

12

A108



Bulkhead Union (ISO 8434-6)

12

A107



Bulkhead locknut

13

4520



90° Union elbow BSP (ISO 8434-6)

13

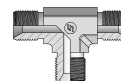
4530



45° Union Elbow BSP (ISO 8434-6)

14

4730



Union Tee BSP (ISO 8434-6)

14

4900



Union Cross BSP (ISO 8434-6)

15

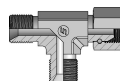
4910



Female Union Cross BSP

15

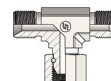
4700



Swivel Run Tee (ISO 8434-6)

16

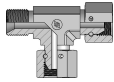
4710



Swivel Branch Tee (ISO 8434-6)

17

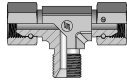
4800



Male Run Tee (ISO 8434-6)

18

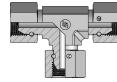
4810



Male Branch Tee (ISO 8434-6)

18

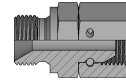
4720



Swivel Female Union Tee BSP (ISO 8434-6)

19

2350



Reducing Female-Male BSP (ISO 8434-6)

20

4500



Swivel 90° Elbow (ISO 8434-6)

21

4510



Swivel 45° Elbow (ISO 8434-6)

22

3220 3200



Swivel 90° M/F Compact Elbow (ISO 8434-6)

23

3320



Swivel 45° Compact Elbow (ISO 8434-6)

24

2550



Swivel 90° Elbow (welded)

25

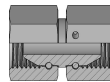
2650



Swivel 45° Elbow (welded)

26

2450



Straight swivel nut union BSP (ISO 8434-6)

27

4550



Swivel 90° Elbow BSP (ISO 8434-6)

28

2750



Swivel 90° Elbow (welded)

29

2850



Swivel 45° Elbow (welded)

30

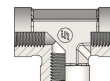
4570



90° Female Union Elbow BSP

30

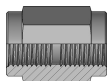
4820



Female Union Tee BSP

31

A105



Female Union (ISO 8434-6)

32

A608



Female plug BSP (ISO 8434-6)

33

A604



Female BSP plug (ISO 8434-6)

34

A605



Male plug BSP (ISO 8434-6)

35

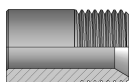
MG



Braze-on straight connector

36

220C



Braze-on straight connector

37

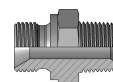
2200



Braze-on stud

37

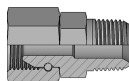
1865



Male stud connector BSP-BSPT

38

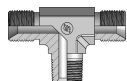
2360



Swivel Connector Female BSP/Male BSPT

38

4860



BSPT Branch Tee

39

4620



90° Male stud Elbow BSP-BSPT

39

4630



45° Male stud elbows BSP-BSPT

40

4600



Swivel 90° Elbow BSP-BSPT

40

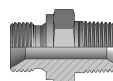
4610



Swivel 45° Elbow BSP-BSPT

41

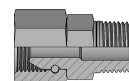
1875



Male stud connector BSP-NPTF

42

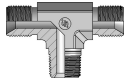
2365



Swivel Connector Female BSP/Male NPTF

43

4870



NPTF Branch Tee

43

4670



90° Male stud Elbow
BSP-NPTF

44

4680



45° Male stud Elbow
BSP-NPTF

44

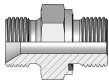
4650



Swivel 90° Elbow BSP-
NPTF

45

1700E



Male stud connector
BSP-BSP (Form E ISO
1179-2)

45

3900



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

46

3255



Adjustable 90° elbow
Swivel female BSP-BSP
(ISO 1179)

47

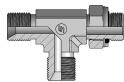
3950



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

48

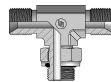
3600



Adjustable stud Run Tee
BSP-BSP (ISO 1179)

49

3605



Adjustable stud Branch
Tee BSP-BSP (ISO 1179)

50

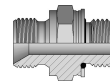
1805



Male stud connector
BSP-Metric

51

3510



Male stud connector
BSP-Metric with O'ring
and retaining ring

52

3910



90° Adjustable stud
elbow BSP-Metric with
O'ring and retaining ring

53

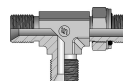
3410



45° Adjustable stud
elbow BSP-Metric with
O'ring and retaining ring

53

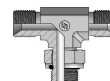
3610



Adjustable stud Run Tee
BSP-Metric

54

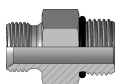
3615



Adjustable stud Branch
Tee BSP-Metric

54

3520



Male stud connector
BSP-UNF (ISO 11926)

55

3920



90° Adjustable stud
elbow BSP-UNF (ISO
11926)

56

3420



45° Adjustable stud
elbow BSP-UNF (ISO
11926)

57

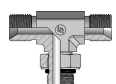
3620



Adjustable stud Run Tee
BSP-UNF (ISO 11926)

58

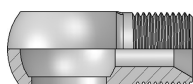
3625



Adjustable stud Branch
Tee BSP-UNF (ISO 11926)

59

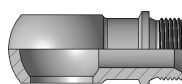
1550



BSP threaded Banjo Eye

59

1560



BSP threaded Banjo Eye
with guide

60

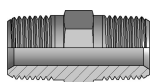
1450



Weldable BSP Banjo Eye

60

1860



Male stud connector
BSPT

61

4626



90° Male stud Elbow
BSPT

61

4625

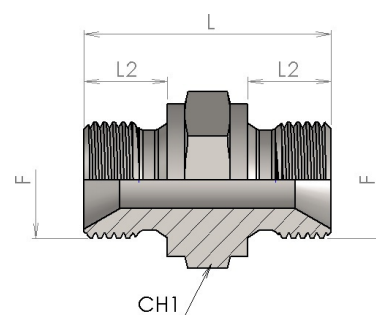


90° Male BSPT/Female
BSP Elbow

62

1700

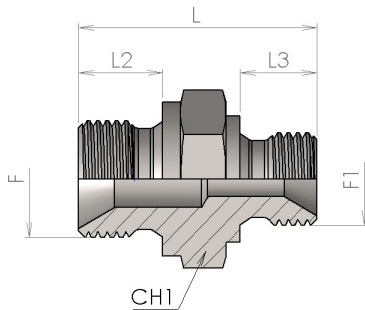
Male stud connector BSP (ISO 8434-6)

S

Product number	Ø tube		Thread	Dimension			Weight	Note
	mm	inch	F	L	L2	CH1	kg/unit	
1700-02-02	6	1/4"	G 1/8	24	8	14	0.015	
1700-04-04	8	5/16"	G 1/4	32	11	19	0.032	
1700-06-06	10	3/8"	G 3/8	35.5	12	22	0.051	
1700-08-08	12	1/2"	G 1/2	41.5	14	27	0.089	
1700-10-10	16	5/8"	G 5/8	46	16	30	0.115	
1700-12-12	20	3/4"	G 3/4	47	16	32	0.136	
1700-16-16	25	1"	G 1	53	19	41	0.23	
1700-20-20	32	1.1/4"	G 1 1/4	57	20	50	0.365	
1700-24-24	38	1.1/2"	G 1 1/2	62	22	55	0.456	
1700-32-32	50	2"	G 2	71	25	70	0.783	
1700-40-40	64	2 1/2"	G 2 1/2	75	28	85	1.197	(*)
1700-48-48	76	3"	G 3	75	24	100	1.729	(*)

(*) outside the ISO 8434-6 standard

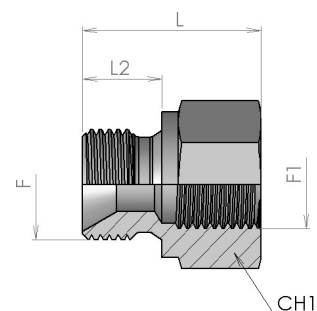
1800



Reducing BSP Nipple (ISO 8434-6)

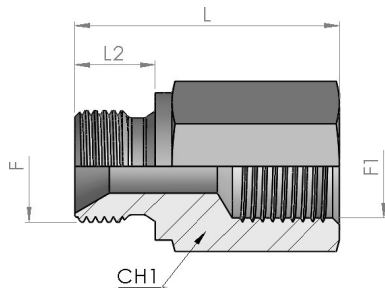
S

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
1800-04-02	8-6	5/16"-1/4"	G 1/4	G 1/8	28.5	11	8	19	0.028
1800-06-02	10-6	3/8"-1/4"	G 3/8	G 1/8	31	12	8	22	0.041
1800-06-04	10-8	3/8"-5/16"	G 3/8	G 1/4	34	12	11	22	0.045
1800-08-04	12-8	1/2"-5/16"	G 1/2	G 1/4	37.5	14	11	27	0.072
1800-08-06	12-10	1/2"-3/8"	G 1/2	G 3/8	39.5	14	12	27	0.08
1800-10-08	16-12	5/8"-1/2"	G 5/8	G 1/2	41	16	14	30	0.097
1800-12-04	20-8	3/4"-5/16"	G 3/4	G 1/4	40	16	11	32	0.105
1800-12-06	20-10	3/4"-3/8"	G 3/4	G 3/8	43	16	12	32	0.118
1800-12-08	20-12	3/4"-1/2"	G 3/4	G 1/2	45	16	14	32	0.134
1800-12-10	20-16	3/4"-5/8"	G 3/4	G 5/8	46	16	16	32	0.126
1800-16-06	25-10	1"-3/8"	G 1	G 3/8	45.5	19	12	41	0.174
1800-16-08	25-12	1"-1/2"	G 1	G 1/2	48	19	14	41	0.185
1800-16-10	25-16	1"-5/8"	G 1	G 5/8	49	19	16	41	0.192
1800-16-12	25-20	1"-3/4"	G 1	G 3/4	49	19	16	41	0.19
1800-20-12	32-20	1.1/4"-3/4"	G 1 1/4	G 3/4	54	20	16	50	0.32
1800-20-16	32-25	1.1/4"-1"	G 1 1/4	G 1	55	20	19	50	0.323
1800-24-12	38-20	1.1/2"-3/4"	G 1 1/2	G 3/4	54	22	16	55	0.41
1800-24-16	38-25	1.1/2"-1"	G 1 1/2	G 1	59	22	19	55	0.414
1800-24-20	38-32	1.1/2"-1.1/4"	G 1 1/2	G 1 1/4	60	22	20	55	0.6
1800-32-16	50-25	2"-1"	G 2	G 1	64	22	19	70	0.612
1800-32-20	50-32	2"-1.1/4"	G 2	G 1 1/4	65.5	25	20	70	0.72
1800-32-24	50-38	2"-1.1/2"	G 2	G 1 1/2	67.5	25	22	70	0.735
1800-40-32	64-50	2.1/2"-2"	G 2 1/2	G 2	74	28	27	85	1,172

R605**Short Male-Female reducing (ISO 8434-6)****S**

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L2	CH1	
R605-04-02	8-6	5/16"-1/4"	G 1/4	G 1/8	23	11	19	0,030
R605-06-02	10-6	3/8"-1/4"	G 3/8	G 1/8	21.5	12	22	0,036
R605-06-04	10-8	3/8"-5/16"	G 3/8	G 1/4	27	12	22	0,046
R605-08-04	12-8	1/2"-5/16"	G 1/2	G 1/4	25	14	27	0,061
R605-08-06	12-10	1/2"-3/8"	G 1/2	G 3/8	28.5	14	27	0,065
R605-12-04	20-8	3/4"-5/16"	G 3/4	G 1/4	27	16	32	0,098
R605-12-06	20-10	3/4"-3/8"	G 3/4	G 3/8	27	16	32	0,089
R605-12-08	20-12	3/4"-1/2"	G 3/4	G 1/2	33	16	32	0,072
R605-16-06	25-10	1"-3/8"	G 1	G 3/8	30	19	41	0,164
R605-16-08	25-12	1"-1/2"	G 1	G 1/2	31	19	41	0,161
R605-16-12	25-20	1"-3/4"	G 1	G 3/4	38	19	41	0,187
R605-20-12	32-20	1.1/4"-3/4"	G 1 1/4	G 3/4	34	20	50	0,270
R605-20-16	32-25	1.1/4"-1"	G 1 1/4	G 1	34	20	50	0,218
R605-24-12	38-20	1.1/2"-3/4"	G 1 1/2	G 3/4	39	22	55	0,417
R605-24-16	38-25	1.1/2"-1"	G 1 1/2	G 1	35	22	55	0,315
R605-24-20	38-32	1.1/2"-1.1/4"	G 1 1/2	G 1 1/4	45	22	55	0,349
R605-32-16	50-25	2"-1"	G 2	G 1	40	25	70	0,627
R605-32-20	50-32	2"-1.1/4"	G 2	G 1 1/4	42.5	25	70	0,584
R605-32-24	50-38	2"-1.1/2"	G 2	G 1 1/2	42.5	25	70	0,521

2000



Male-Female connector (ISO 8434-6)

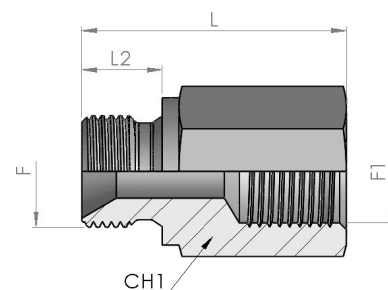
S

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L2	CH1	
2000-02-26	6	1/4"	G 1/8	G 1/8	26	8	14	0.0188
2000-04-33	8	5/16"	G 1/4	G 1/4	33	11	19	0.041
2000-04-42	8	5/16"	G 1/4	G 1/4	42	11	19	0.06
2000-04-55	8	5/16"	G 1/4	G 1/4	55	11	19	0.077
2000-06-35	10	3/8"	G 3/8	G 3/8	35	12	22	0.0521
2000-06-42	10	3/8"	G 3/8	G 3/8	42	12	22	0.0782
2000-06-54	10	3/8"	G 3/8	G 3/8	54	12	22	0.0863
2000-06-65	10	3/8"	G 3/8	G 3/8	65	12	22	0.1134
2000-08-35	12	1/2"	G 1/2	G 1/2	35	14	27	0.0731
2000-08-45	12	1/2"	G 1/2	G 1/2	45	14	27	0.1025
2000-08-60	12	1/2"	G 1/2	G 1/2	60	14	27	0.1414
2000-08-80	12	1/2"	G 1/2	G 1/2	80	14	27	0.197
2000-12-48	20	3/4"	G 3/4	G 3/4	48	16	32	0.137
2000-12-64	20	3/4"	G 3/4	G 3/4	64	16	32	0.189
2000-12-75	20	3/4"	G 3/4	G 3/4	75	16	32	0.25
2000-16-50	25	1"	G 1	G 1	50	19	41	0.219
2000-16-68	25	1"	G 1	G 1	68	19	41	0.383
2000-16-90	25	1"	G 1	G 1	90	19	41	0.565
2000-20-62	32	1.1/4"	G 1 1/4	G 1 1/4	62	20	50	0.407
2000-20-92	32	1.1/4"	G 1 1/4	G 1 1/4	92	20	50	0.690
2000-24-56	38	1.1/2"	G 1 1/2	G 1 1/2	56	22	55	0.478
2000-24-62	38	1.1/2"	G 1 1/2	G 1 1/2	62	22	55	0.493
2000-32-62	51	2"	G 2	G 2	62	25	70	0.665

2010

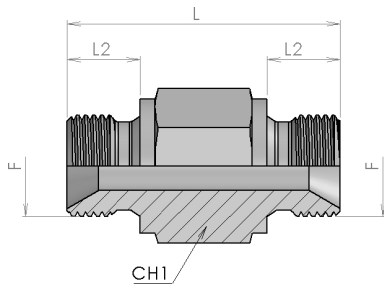
Male-Female reducing (ISO 8434-6)

S



Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L2	CH1	
2010-02-04	6-8	1/4"-5/16"	G 1/4	G 1/8	25	11	19	0.034
2010-04-02	8-6	5/16"-1/4"	G 1/8	G 1/4	29	8	19	0,0,39
2010-04-06	8-10	5/16"-3/8"	G 3/8	G 1/4	35	12	22	0.066
2010-04-08	8-12	5/16"-1/2"	G 1/2	G 1/4	34	14	27	0.078
2010-06-04	10-8	3/8"-5/16"	G 1/4	G 3/8	36	11	22	0.05
2010-06-08	10-12	3/8"-1/2"	G 1/2	G 3/8	41	14	27	0.111
2010-08-04	12-8	1/2"-5/16"	G 1/4	G 1/2	35	11	27	0.071
2010-08-06	12-10	1/2"-3/8"	G 3/8	G 1/2	38	12	27	0.083
2010-08-12	12-20	1/2"-3/4"	G 3/4	G 1/2	43	16	32	0.162
2010-08-16	12-25	1/2"-1"	G 1	G 1/2	42	19	41	0.26
2010-12-04	20-8	3/4"-5/16"	G 1/4	G 3/4	41	11	32	0.113
2010-12-06	20-10	3/4"-3/8"	G 3/8	G 3/4	42.5	12	32	0.122
2010-12-08	20-12	3/4"-1/2"	G 1/2	G 3/4	53	14	32	0.148
2010-12-16	20-25	3/4"-1"	G 1	G 3/4	49	19	41	0.167
2010-16-08	25-12	1"-1/2"	G 1/2	G 1	45	14	41	0.181
2010-16-12	25-20	1"-3/4"	G 3/4	G 1	47	16	41	0.214
2010-16-20	25-32	1"-1.1/4"	G 1 1/4	G 1	51	20	50	0.254
2010-20-12	32-20	1.1/4"-3/4"	G 3/4	G 1 1/4	51	16	50	0.275
2010-20-16	32-25	1.1/4"-1"	G 1	G 1 1/4	53	19	50	0.298
2010-20-24	32-38	1.1/4"-1.1/2"	G 1 1/2	G 1 1/4	57	22	55	0.341
2010-24-16	38-25	1.1/2"-1"	G 1	G 1 1/2	54	19	55	0.355
2010-24-20	38-32	1.1/2"-1.1/4"	G 1 1/4	G 1 1/2	52	20	55	0.557
2010-32-20	50-32	2"-1.1/4"	G 1 1/4	G 2	66	20	70	0.807
2010-32-24	50-38	2"-1.1/2"	G 1 1/2	G 2	68	22	70	0.852

2020

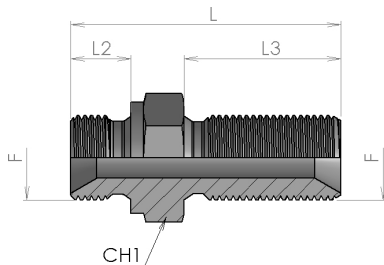


Male/Male extension BSP (ISO 8434-6)

S

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	L2	CH1	kg/unit
2020-04-04	8	5/16"	G 1/4	45	11	19	0.062
2020-06-06	10	3/8"	G 3/8	50	12	22	0.122
2020-08-08	12	1/2"	G 1/2	61	14	27	0.1948
2020-12-12	20	3/4"	G 3/4	73	16	32	0.248
2020-16-16	25	1"	G 1	84	19	41	0.48

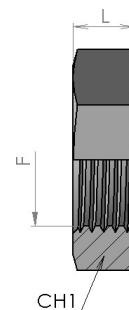
A108



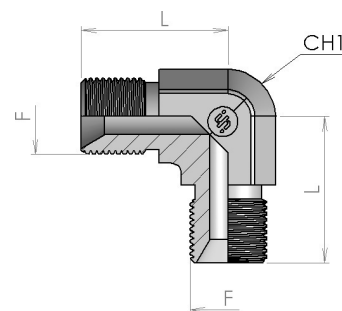
Bulkhead Union (ISO 8434-6)

BHS

Product number	Ø tube		Thread	Dimension				Weight
	mm	inch	F	L	L2	L3	CH1	kg/unit
A108-02Z	6	1/4"	G 1/8	39.5	8	25	14	0.021
A108-04Z	8	5/16"	G 1/4	47	11	29	19	0.043
A108-06Z	10	3/8"	G 3/8	53.5	12	32	22	0.074
A108-08Z	12	1/2"	G 1/2	60	14	34	27	0.117
A108-10Z	16	5/8"	G 5/8	65	16	37	30	0.146
A108-12Z	20	3/4"	G 3/4	66	16	37	32	0.209
A108-16Z	25	1"	G 1	73	19	41	41	0.328
A108-20Z	32	1.1/4"	G 1 1/4	79	20	45	50	0.468

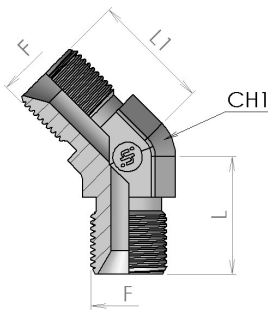
A107**Bulkhead locknut****LN**

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L	CH1	kg/unit
A107-02	6	1/4"	G 1/8	5	14	0.004
A107-04	8	5/16"	G 1/4	6	19	0.009
A107-06	10	3/8"	G 3/8	7	22	0.013
A107-08	12	1/2"	G 1/2	8	27	0.021
A107-10	16	5/8"	G 5/8	9	30	0.027
A107-12	20	3/4"	G 3/4	9	32	0.029
A107-16	25	1"	G 1	10	41	0.055
A107-20	32	1.1/4"	G 1 1/4	13	50	0.089

4520**90° Union elbow BSP (ISO 8434-6)****E**

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
4520-02	6	1/4"	G 1/8	22	12	0.021
4520-04	8	5/16"	G 1/4	27	14	0.045
4520-06	10	3/8"	G 3/8	32	19	0.085
4520-08	12	1/2"	G 1/2	36	22	0.123
4520-12	20	3/4"	G 3/4	42	27	0.178
4520-16	25	1"	G 1	46	33	0.288
4520-20	32	1.1/4"	G 1 1/4	52	41	0.512
4520-24	38	1.1/2"	G 1 1/2	59	50	0.824

4530

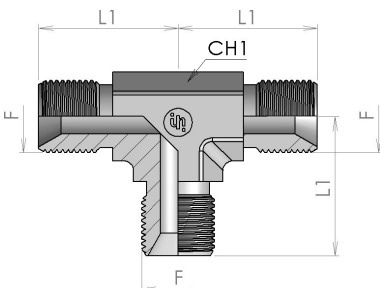


45° Union Elbow BSP (ISO 8434-6)

E45

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	L1	CH1	kg/unit
4530-04	8	5/16"	G 1/4	21.5	21.5	14	0.045
4530-06	10	3/8"	G 3/8	26	26	19	0.085
4530-08	12	1/2"	G 1/2	30	29	22	0.123
4530-12	20	3/4"	G 3/4	35	33	27	0.178
4530-16	25	1"	G 1	38.5	37.5	33	0.288

4730



Union Tee BSP (ISO 8434-6)

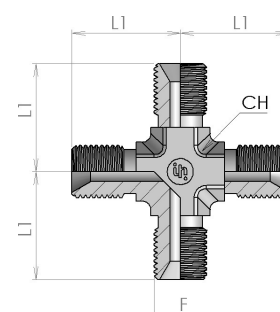
T

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
4730-02	6	1/4"	G 1/8	22	12	0.033
4730-04	8	5/16"	G 1/4	27	14	0.061
4730-06	10	3/8"	G 3/8	32	19	0.105
4730-08	12	1/2"	G 1/2	36	22	0.157
4730-12	20	3/4"	G 3/4	42	27	0.258
4730-16	25	1"	G 1	46	33	0.591
4730-20	32	1.1/4"	G 1 1/4	52	41	0.646
4730-24	38	1.1/2"	G 1 1/2	59	50	0.94

4900

Union Cross BSP (ISO 8434-6)

K

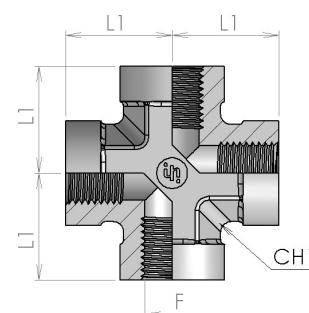


Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
4900-04	8	5/16"	G 1/4	27	14	0.081
4900-06	10	3/8"	G 3/8	32	19	0.13
4900-08	12	1/2"	G 1/2	36	22	0.181
4900-12	20	3/4"	G 3/4	42	27	0.312

4910

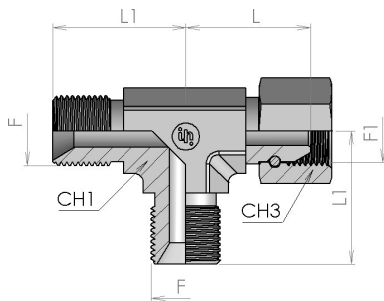
Female Union Cross BSP

K



Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
4910-02	6	1/4"	G 1/8	17	14	0.045
4910-04	8	5/16"	G 1/4	22.5	19	0.113
4910-06	10	3/8"	G 3/8	26	22	0.154
4910-08	12	1/2"	G 1/2	31	27	0.257

4700

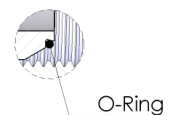


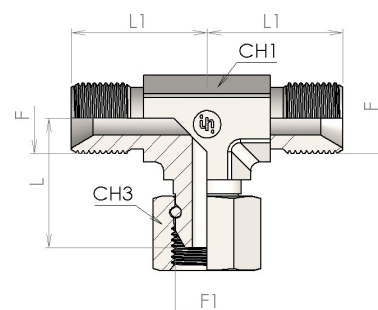
Swivel Run Tee (ISO 8434-6)

SWRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
4700-02	6	1/4"	G 1/8	G 1/8	20	22	12	14	0.057	
4700-04	8	5/16"	G 1/4	G 1/4	25	27	14	19	0.084	
4700-06	10	3/8"	G 3/8	G 3/8	30	32	19	22	0.152	
4700-08	12	1/2"	G 1/2	G 1/2	34	36	22	27	0.231	
4700-12	20	3/4"	G 3/4	G 3/4	40	42	27	32	0.305	
4700-16	25	1"	G 1	G 1	43	46	33	41	0.474	
4700-20	32	1 1/4"	G 1 1/4	G 1 1/4	49	52	41	50	0.935	*
4700-24	38	1 1/2"	G 1 1/2	G 1 1/2	60	59	50	55	1.427	*

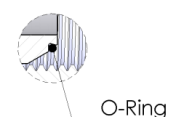
(*) - BSP O-Ring Female



4710**Swivel Branch Tee (ISO 8434-6)****SWBT**

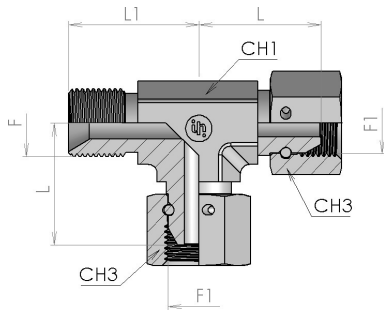
Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
4710-02	6	1/4"	G 1/8	G 1/8	20	22	12	14	0.057	
4710-04	8	5/16"	G 1/4	G 1/4	25	27	14	19	0.084	
4710-06	10	3/8"	G 3/8	G 3/8	30	32	19	22	0.152	
4710-08	12	1/2"	G 1/2	G 1/2	34	36	22	27	0.231	
4710-12	20	3/4"	G 3/4	G 3/4	40	42	27	32	0.305	
4710-16	25	1"	G 1	G 1	43	46	33	41	0.474	
4710-20	32	1.1/4"	G 1 1/4	G 1 1/4	49	52	41	50	0.935	*
4710-24	38	1.1/2"	G 1 1/2	G 1 1/2	60	59	50	55	1.427	*

(*) - BSP O-Ring Female



O-Ring

4800

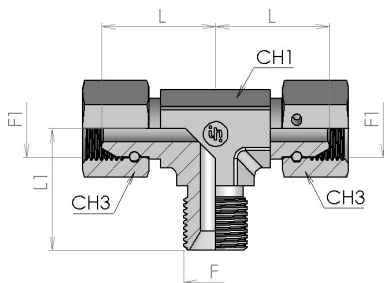


Male Run Tee (ISO 8434-6)

SWRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
4800-04	8	5/16"	G 1/4	G 1/4	25	27	14	19	0.106
4800-06	10	3/8"	G 3/8	G 3/8	30	32	19	22	0.182
4800-08	12	1/2"	G 1/2	G 1/2	34	36	22	27	0.281
4800-12	20	3/4"	G 3/4	G 3/4	40	42	27	32	0.376
4800-16	25	1"	G 1	G 1	43	46	33	41	0.565

4810



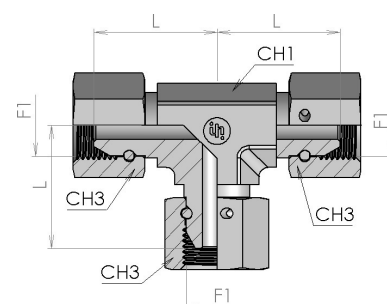
Male Branch Tee (ISO 8434-6)

SWBT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
4810-04	8	5/16"	G 1/4	G 1/4	25	27	14	19	0.106
4810-06	10	3/8"	G 3/8	G 3/8	30	32	19	22	0.182
4810-08	12	1/2"	G 1/2	G 1/2	34	36	22	27	0.281
4810-12	20	3/4"	G 3/4	G 3/4	40	42	27	32	0.376
4810-16	25	1"	G 1	G 1	43	46	33	41	0.565

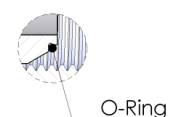
4720

Swivel Female Union Tee BSP (ISO 8434-6)

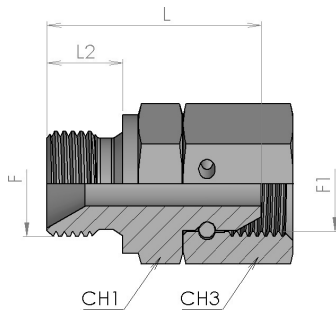
T

Product number	Ø tube		Thread	Dimension			Weight	Note
	mm	inch	F1	L	CH1	CH3	kg/unit	
4720-02	6	1/4"	G 1/8	22	12	14	0.058	
4720-04	8	5/16"	G 1/4	27	14	19	0.125	
4720-06	10	3/8"	G 3/8	32	19	22	0.296	
4720-08	12	1/2"	G 1/2	36	22	27	0.324	
4720-12	20	3/4"	G 3/4	42	27	32	0.483	
4720-16	25	1"	G 1	46	33	41	0.699	
4720-20	32	1.1/4"	G 1 1/4	52	41	50	1.294	*
4720-24	38	1.1/2"	G 1 1/2	59	50	55	1.832	*

(*) - BSP O-Ring Female



2350

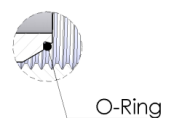


Reducing Female-Male BSP (ISO 8434-6)

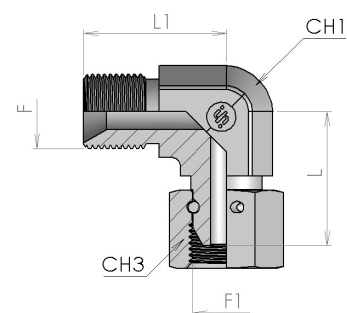
RDSW

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L2	CH1	CH3		
2350-02-02	6	1/4"	G 1/8	G 1/8	23	8	14	14	0.03	
2350-04-04	8	5/16"	G 1/4	G 1/4	29	11	19	19	0.049	
2350-04-06	8-10	5/16"-3/8"	G 1/4	G 3/8	31.5	11	19	22	0.064	
2350-04-08	8-12	5/16"-1/2"	G 1/4	G 1/2	33.5	11	19	27	0.066	
2350-06-04	10-8	3/8"-5/16"	G 3/8	G 1/4	31.5	12	22	19	0.061	
2350-06-06	10	3/8"	G 3/8	G 3/8	34	12	22	22	0.076	
2350-06-08	10-12	3/8"-1/2"	G 3/8	G 1/2	36	12	22	27	0.105	
2350-06-12	10-20	3/8"-3/4"	G 3/8	G 3/4	39	12	27	32	0.145	
2350-08-06	12-10	1/2"-3/8"	G 1/2	G 3/8	37.5	14	27	22	0.099	
2350-08-08	12	1/2"	G 1/2	G 1/2	39.5	14	27	27	0.128	
2350-08-10	12-16	1/2"-5/8"	G 1/2	G 5/8	37	14	27	30	0.16	
2350-08-12	12-20	1/2"-3/4"	G 1/2	G 3/4	40	14	27	32	0.152	
2350-10-10	16	5/8"	G 5/8	G 5/8	39	16	30	30	0.164	
2350-12-08	20-12	3/4"-1/2"	G 3/4	G 1/2	39	16	32	27	0.161	
2350-12-12	20	3/4"	G 3/4	G 3/4	43.5	16	32	32	0.188	
2350-12-16	20-25	3/4"-1"	G 3/4	G 1	44	16	32	38	0.214	
2350-16-12	25-20	1"-3/4"	G 1	G 3/4	47.5	19	41	32	0.258	
2350-16-16	25	1"	G 1	G 1	48	19	41	41	0.279	
2350-16-20	25-32	1"-1.1/4"	G 1	G 1 1/4	50.5	19	41	50	0.426	*
2350-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	54.5	20	50	50	0.536	*
2350-20-24	32-38	1.1/4"-1.1/2"	G 1 1/4	G 1 1/2	55.5	20	50	55	0.555	*
2350-24-20	38-32	1.1/2"-1.1/4"	G 1 1/2	G 1 1/4	55.5	22	55	50	0.587	*
2350-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	57.5	22	55	55	0.619	*
2350-32-32	50	2"	G 2	G 2	62.5	25	70	70	0.781	*

(*) - BSP O-Ring Female

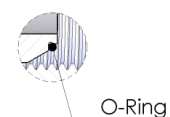


O-Ring

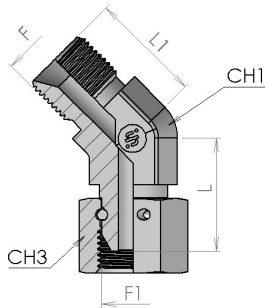
4500**Swivel 90° Elbow (ISO 8434-6)****SWE**

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
4500-02	6	1/4"	G 1/8	G 1/8	20	22	12	14	0.026	
4500-04	8	5/16"	G 1/4	G 1/4	25	27	14	19	0.062	
4500-06	10	3/8"	G 3/8	G 3/8	30	32	19	22	0.104	
4500-08	12	1/2"	G 1/2	G 1/2	36	34	22	27	0.159	
4500-10	16	5/8"	G 5/8	G 5/8	36	36	22	30	0.158	
4500-12	20	3/4"	G 3/4	G 3/4	40	42	27	32	0.226	
4500-16	25	1"	G 1	G 1	43	46	33	41	0.377	
4500-20	32	1.1/4"	G 1 1/4	G 1 1/4	49	52	41	50	0.65	*
4500-24	38	1.1/2"	G 1 1/2	G 1 1/2	60	59	50	55	0.999	*

(*) - BSP O-Ring Female



4510

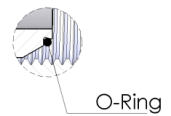


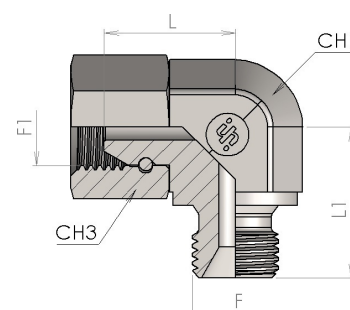
Swivel 45° Elbow (ISO 8434-6)

SWE45

Product number	Ø tube		Thread		Dimension				Weight	Note
	mm	inch	F	F1	L	L1	CH1	CH3	kg/unit	
4510-02	6	1/4"	G 1/8	G 1/8	19	20	12	14	0.026	
4510-04	8	5/16"	G 1/4	G 1/4	23.5	21.5	14	19	0.062	
4510-06	10	3/8"	G 3/8	G 3/8	26	26	19	22	0.104	
4510-08	12	1/2"	G 1/2	G 1/2	32	29	22	27	0.159	
4510-12	20	3/4"	G 3/4	G 3/4	33	32	27	32	0.226	
4510-16	25	1"	G 1	G 1	37	37.5	33	41	0.377	
4510-20	32	1.1/4"	G 1.1/4	G 1.1/4	37	39	41	50	0.411	*
4510-24	38	1.1/2"	G 1.1/2	G 1.1/2	47	46	50	55	0,649	*

(*) - BSP O-Ring Female

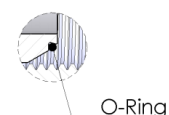


3220 3200**Swivel 90° M/F Compact Elbow (ISO 8434-6)****SWE**

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
3220-02-02	6	1/4"	G 1/8	G 1/8	17	17	14	14	0.026	
3220-04-04	8	5/16"	G 1/4	G 1/4	20	23	19	19	0.061	
3220-06-06	10	3/8"	G 3/8	G 3/8	24	25	22	22	0.089	
3220-08-08	12	1/2"	G 1/2	G 1/2	28	31	27	27	0.157	
3220-12-12	20	3/4"	G 3/4	G 3/4	34	35	33	32	0.293	
3220-16-16	25	1"	G 1	G 1	39	43	38	41	0.473	
3220-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	47	50	50	50	0.855	*
3200-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	57	56	60	55	1.17	**
3200-32-32	50	2"	G 2	G 2	60	67	75	70	2.011	**

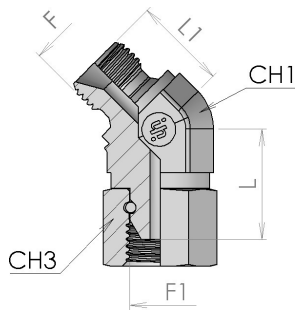
(*) - BSP O-Ring Female

(**) - BSP O-Ring Welded Female



O-Ring

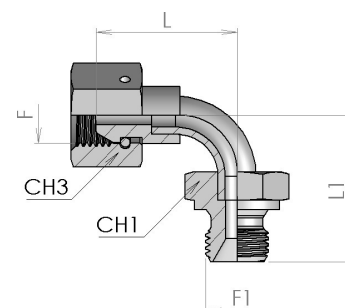
3320



Swivel 45° Compact Elbow (ISO 8434-6)

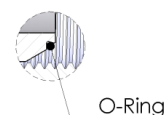
SWE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
3320-04-04	8	5/16"	G 1/4	G 1/4	22.5	18	19	19	0.054
3320-06-06	10	3/8"	G 3/8	G 3/8	25	21.5	22	22	0.082
3320-08-08	12	1/2"	G 1/2	G 1/2	32	22.5	27	27	0.141
3320-12-12	20	3/4"	G 3/4	G 3/4	35.5	31.5	32	32	0.248
3320-16-16	25	1"	G 1	G 1	42	33	41	38	0.443

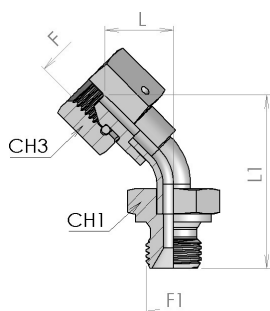
2550**Swivel 90° Elbow (welded)**

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
2550-04-04	8	5/16"	G 1/4	G 1/4	30	32	19	19	0.062	
2550-06-06	10	3/8"	G 3/8	G 3/8	37	38	22	22	0.102	
2550-08-08	12	1/2"	G 1/2	G 1/2	44	43	27	27	0.108	
2550-12-12	20	3/4"	G 3/4	G 3/4	59	62	32	32	0.243	
2550-16-16	25	1"	G 1	G 1	66	68	41	41	0.422	
2550-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	71	76	50	50	0.575	*
2550-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	89	93	55	55	0.707	*
2550-32-32	50	2"	G 2	G 2	113	123	70	70	1.626	*

(*) - BSP O-Ring Female



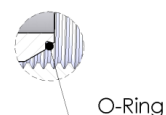
2650



Swivel 45° Elbow (welded)

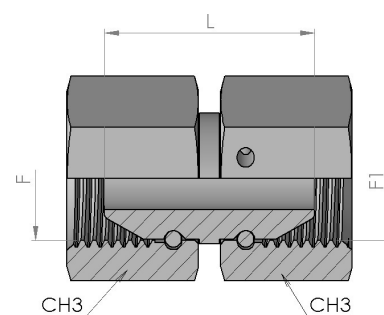
Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
2650-04-04	8	5/16"	G 1/4	G 1/4	17	44	19	19	0.062	
2650-06-06	10	3/8"	G 3/8	G 3/8	20	52	22	22	0.102	
2650-08-08	12	1/2"	G 1/2	G 1/2	23	53	27	27	0.108	
2650-12-12	20	3/4"	G 3/4	G 3/4	29	73	32	32	0.243	
2650-16-16	25	1"	G 1	G 1	35	85	41	41	0.422	
2650-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	33	84	50	50	0.575	*
2650-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	41	103	55	55	0.707	*
2650-32-32	50	2"	G 2	G 2	53	134	65	70	1.626	*

(*) - BSP O-Ring Female



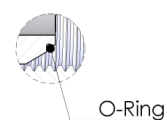
2450

Straight swivel nut union BSP (ISO 8434-6)

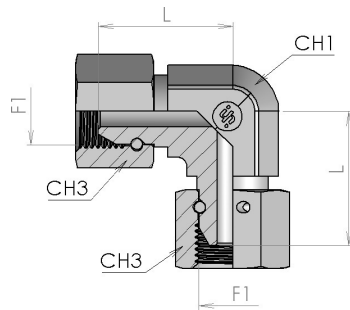
S

Product number	Ø tube		Thread		Dimension		Weight kg/unit	Note
	mm	inch	F	F1	L	CH3		
2450-02-02	6	1/4"	G 1/8	G 1/8	10	14	0.023	
2450-04-04	8	5/16"	G 1/4	G 1/4	22	19	0.061	
2450-06-06	10	3/8"	G 3/8	G 3/8	29	22	0.084	
2450-08-08	12	1/2"	G 1/2	G 1/2	32	27	0.137	
2450-10-10	16	5/8"	G 5/8	G 5/8	29	30	0.177	
2450-12-12	20	3/4"	G 3/4	G 3/4	37.5	32	0.206	
2450-16-16	25	1"	G 1	G 1	42	41	0.2946	
2450-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	50	50	0.618	*
2450-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	53	55	0.714	*
2450-32-32	50	2"	G 2	G 2	50	70	1.135	*

(*) - BSP O-Ring Female



4550

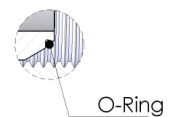


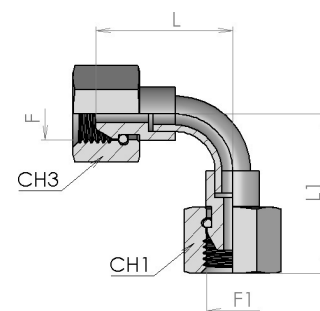
Swivel 90° Elbow BSP (ISO 8434-6)

E

Product number	Ø tube		Thread	Dimension			Weight	Note
	mm	inch	F1	L	CH1	CH3	kg/unit	
4550-04	8	5/16"	G 1/4	25	14	19	0.044	
4550-06	10	3/8"	G 3/8	30	19	22	0.088	
4550-08	12	1/2"	G 1/2	34	22	27	0.134	
4550-12	20	3/4"	G 3/4	40	27	32	0.219	
4550-16	25	1"	G 1	43	33	41	0.339	
4550-20	32	1.1/4"	G 1.1/4	49	41	50	0.576	*
4550-24	38	1.1/2"	G 1.1/2	60	50	55	0.978	*

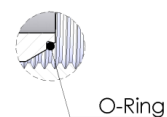
(*) - BSP O-Ring Female



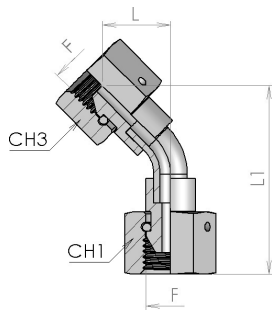
2750**Swivel 90° Elbow (welded)**

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
2750-04-04	8	5/16"	G 1/4	G 1/4	30	35	19	19	0.07	
2750-06-06	10	3/8"	G 3/8	G 3/8	37	43	22	22	0.107	
2750-08-08	12	1/2"	G 1/2	G 1/2	44	49	27	27	0.111	
2750-12-12	20	3/4"	G 3/4	G 3/4	59	67	32	32	0.252	
2750-16-16	25	1"	G 1	G 1	66	76	38	41	0.431	
2750-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	71	70	50	50	0.586	*
2750-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	89	98	55	55	0.718	*
2750-32-32	50	2"	G 2	G 2	113	127	70	70	1.711	*

(*) - BSP O-Ring Female



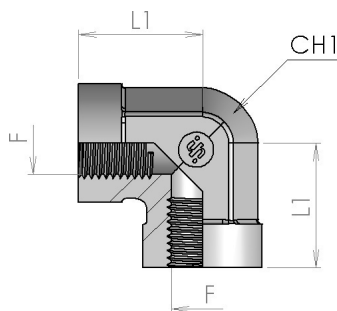
2850



Swivel 45° Elbow (welded)

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
2850-04-04	8	5/16"	G 1/4	G 1/4	17	47	19	19	0.07
2850-06-06	10	3/8"	G 3/8	G 3/8	20	57	22	22	0.107
2850-08-08	12	1/2"	G 1/2	G 1/2	23	59	27	27	0.111
2850-12-12	20	3/4"	G 3/4	G 3/4	29	79	32	32	0.252
2850-16-16	25	1"	G 1	G 1	35	93	38	41	0.431
2850-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	33	87	50	50	0.586
2850-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	41	108	55	55	0.718
2850-32-32	50	2"	G 2	G 2	53	139	70	70	1.711

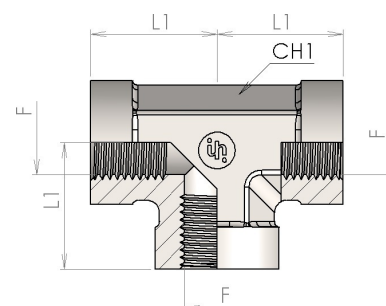
4570



90° Female Union Elbow BSP

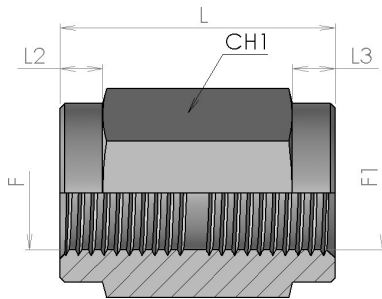
E

Product number	Ø tube		Thread F	Dimension		Weight kg/unit
	mm	inch		L1	CH1	
4570-02	6	1/4"	G 1/8	17	14	0.06
4570-04	8	5/16"	G 1/4	22.5	19	0.081
4570-06	10	3/8"	G 3/8	26	22	0.01
4570-08	12	1/2"	G 1/2	31	27	0.184
4570-12	20	3/4"	G 3/4	34.5	33	0.263
4570-16	25	1"	G 1	41	41	0.502
4570-20	32	1.1/4"	G 1 1/4	43	50	0.663

4820**Female Union Tee BSP****T**

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L1	CH1	kg/unit
4820-02	6	1/4"	G 1/8	17	14	0.04
4820-04	8	5/16"	G 1/4	22.5	19	0.074
4820-06	10	3/8"	G 3/8	26	22	0.111
4820-08	12	1/2"	G 1/2	31	27	0.177
4820-12	20	3/4"	G 3/4	34.5	33	0.294
4820-16	25	1"	G 1	41	41	0.567
4820-20	32	1.1/4"	G 1 1/4	43	50	0.0835

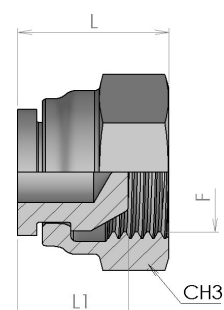
A105



Female Union (ISO 8434-6)

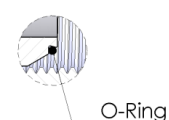
S

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
A105-02-02	6	1/4"	G 1/8	G 1/8	21	4.5	4.5	14	0.015
A105-02-04	6-8	1/4"-5/16"	G 1/8	G 1/4	29	4.5	4.5	19	0.029
A105-04-04	8	5/16"	G 1/4	G 1/4	29	4.5	4.5	19	0.034
A105-04-06	8-10	5/16"-3/8"	G 1/4	G 3/8	31	4.5	4.5	22	0.059
A105-06-06	10	3/8"	G 3/8	G 3/8	29	4.5	4.5	22	0.048
A105-06-08	10-12	3/8"-1/2"	G 3/8	G 1/2	32	4.5	4.5	27	0.082
A105-08-08	12	1/2"	G 1/2	G 1/2	34	4.5	4.5	27	0.081
A105-08-12	12-20	1/2"-3/4"	G 1/2	G 3/4	38	4.5	4.5	32	0.126
A105-12-12	20	3/4"	G 3/4	G 3/4	38	4.5	4.5	32	0.108
A105-12-16	20-25	3/4"-1"	G 3/4	G 1	43	4.5	4.5	41	0.152
A105-16-16	25	1"	G 1	G 1	43	4.5	4.5	41	0.211
A105-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	47	4.5	4.5	50	0.312
A105-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	51	4.5	4.5	55	0.357
A105-32-32	50	2"	G 2	G 2	57	4.5	4.5	70	0.591

A608**Female plug BSP (ISO 8434-6)****BRNP**

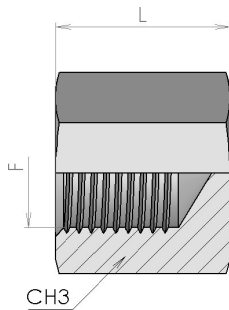
Product number	Ø tube		Thread	Dimension			Weight	Note
	mm	inch	F	L	L1	CH3	kg/unit	
A608-02	6	1/4"	G 1/8	14	10.5	14	0.003	
A608-04	8	5/16"	G 1/4	16	12	19	0.008	
A608-06	10	3/8"	G 3/8	20	15	22	0.014	
A608-08	12	1/2"	G 1/2	24	17	27	0.024	
A608-10	16	5/8"	G 5/8	24	15	30	0.27	
A608-12	20	3/4"	G 3/4	27	19	32	0.044	
A608-16	25	1"	G 1	31	21	41	0.076	
A608-20	32	1.1/4"	G 1 1/4	31	23.5	50	0.144	*
A608-24	38	1.1/2"	G 1 1/2	31	25.5	55	0.195	*
A608-32	50	2"	G 2	36	23	70	0.286	*

(*) - BSP O-Ring Female



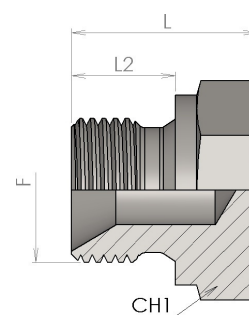
O-Ring

A604



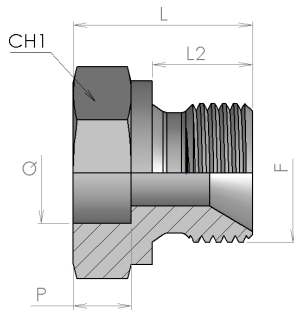
Female BSP plug (ISO 8434-6)

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L	CH3	kg/unit
A604-02	6	1/4"	G 1/8	15.5	14	0.017
A604-04	8	5/16"	G 1/4	19	19	0.032
A604-06	10	3/8"	G 3/8	17	22	0.05
A604-08	12	1/2"	G 1/2	23	27	0.07
A604-10	16	5/8"	G 5/8	19	30	0.093
A604-12	20	3/4"	G 3/4	22	32	0.109
A604-16	25	1"	G 1	31	41	0.202
A604-20	32	1.1/4"	G 1 1/4	36	50	0.371
A604-24	38	1.1/2"	G 1 1/2	41	55	0.494
A604-32	50	2"	G 2	45.5	70	0.881

A605**Male plug BSP (ISO 8434-6)****PL**

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	L2	CH1	kg/unit
A605-02	6	1/4"	G 1/8	14.5	8	14	0.011
A605-04	8	5/16"	G 1/4	19	11	19	0.024
A605-06	10	3/8"	G 3/8	21.5	12	22	0.039
A605-08	12	1/2"	G 1/2	25	14	27	0.067
A605-10	16	5/8"	G 5/8	27	16	30	0.088
A605-12	20	3/4"	G 3/4	27	16	32	0.098
A605-16	25	1"	G 1	31	19	41	0.168
A605-20	32	1.1/4"	G 1 1/4	34	20	50	0.317
A605-24	38	1.1/2"	G 1 1/2	39	22	55	0.434
A605-32	50	2"	G 2	42.5	25	70	0.76

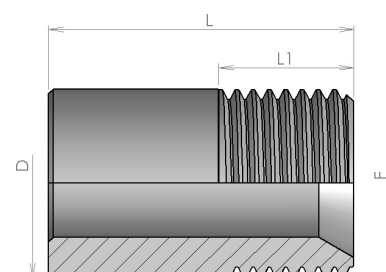
MG



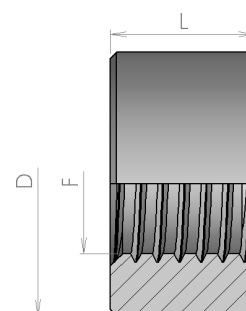
Braze-on straight connector

BRS

Product number	Ø tube		Thread	Dimension					Weight
	mm	inch	F	P	Q	L	L2	CH1	kg/unit
MG-04-08	8	5/16"	G 1/4	6	8	19	11	19	0.023
MG-06-12	10	3/8"	G 3/8	7	12	21.5	12	22	0.034
MG-08-14	12	1/2"	G 1/2	8	14	25	14	27	0.057
MG-08-16	12	1/2"	G 1/2	8	16	25	14	27	0.055
MG-08-18	12	1/2"	G 1/2	8	18	25	14	27	0.053
MG-08-20	12	1/2"	G 1/2	5	20	24	14	27	0.051
MG-12-20	20	3/4"	G 3/4	9	20	27	16	32	0.083
MG-12-22	20	3/4"	G 3/4	8	22	27	16	32	0.08
MG-12-25	20	3/4"	G 3/4	9	25	27	16	32	0.07
MG-16-25	25	1"	G 1	9	25	30	19	41	0.147
MG-16-30	25	1"	G 1	9	30	32	19	41	0.134
MG-20-32	32	1 1/4"	G 1 1/4	9	32	34	20	50	0.25
MG-24-38	38	1 1/2"	G 1 1/2	10	38	35	22	55	0.281
MG-32-50	50	2"	G 2	10	50	42.5	25	70	0.481

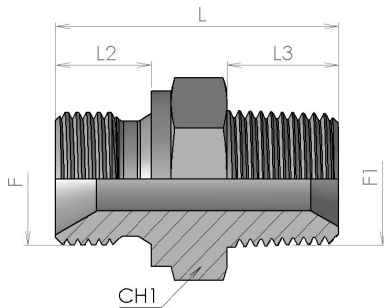
220C**Braze-on straight connector**

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	D	L	L1	kg/unit
220C-02	6	1/4"	G 1/8	10	22	9	0.01
220C-04	8	5/16"	G 1/4	14	30	12	0.024
220C-06	10	3/8"	G 3/8	17	32	14	0.036
220C-08	12	1/2"	G 1/2	21	34	15	0.056
220C-12	20	3/4"	G 3/4	28	40	16	0.12
220C-16	25	1"	G 1	34	41	19	0.167
220C-20	32	1.1/4"	G 1 1/4	48	45	23	0.355

2200**Braze-on stud**

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	D	L	kg/unit
2200-02	6	1/4"	G 1/8	20	13	0.025
2200-04	8	5/16"	G 1/4	22	16	0.033
2200-06	10	3/8"	G 3/8	26	17	0.045
2200-08	12	1/2"	G 1/2	30	18	0.056
2200-12	20	3/4"	G 3/4	38	20	0.098
2200-16	25	1"	G 1	45	25	0.155
2200-20	32	1.1/4"	G 1 1/4	55	25	0.212
2200-24	38	1.1/2"	G 1 1/2	62	30	0.31
2200-32	50	2"	G 2	70	30	0.272

1865

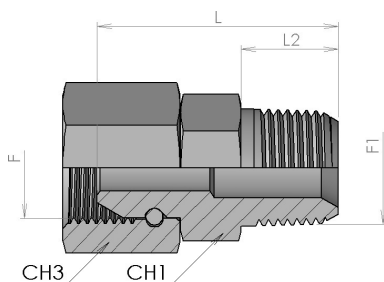


Male stud connector BSP-BSPT

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
1865-02-02	6	1/4"	G 1/8	R 1/8 K	23.5	8	9	14	0.014
1865-04-04	8	5/16"	G 1/4	R 1/4 K	33	11	14	19	0.034
1865-06-04	8	3/8"-5/16"	G 3/8	R 1/4 K	35.5	12	14	22	0.048
1865-06-06	10	3/8"	G 3/8	R 3/8 K	35.5	12	14	22	0.049
1865-08-08	12	1/2"	G 1/2	R 1/2 K	41	14	18	27	0.082
1865-08-12	12-20	1/2"-3/4"	G 1/2	R 3/4 K	45.5	14	19	27	0.109
1865-12-08	20-12	3/4"-1/2"	G 3/4	R 1/2 K	45	16	18	32	0.121
1865-12-12	20	3/4"	G 3/4	R 3/4 K	46	16	19	32	0.136
1865-16-16	25	1"	G 1	R 1 K	54	19	24	41	0.224
1865-20-20	32	1.1/4"	G 1 1/4	R 1 1/4 K	59	20	24.5	50	0.361
1865-24-24	38	1.1/2"	G 1 1/2	R 1 1/2 K	60.5	22	25.5	55	0.448
1865-32-32	50	2"	G 2	R 2 K	72.5	25	30	70	0.816

2360



Swivel Connector Female BSP/Male BSPT

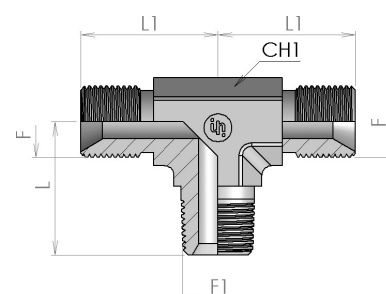
SWS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	CH1	CH3	
2360-04-04	8	5/16"	G 1/4	R 1/4 K	33	14.5	14	19	0.049
2360-06-06	10	3/8"	G 3/8	R 3/8 K	36	14.5	19	22	0.076
2360-08-08	12	1/2"	G 1/2	R 1/2 K	45	19	22	27	0.128
2360-12-12	20	3/4"	G 3/4	R 3/4 K	47	19.5	27	32	0.188
2360-16-16	25	1"	G 1	R 1 K	60	24	36	41	0.279

4860

BSPT Branch Tee

SDEBT

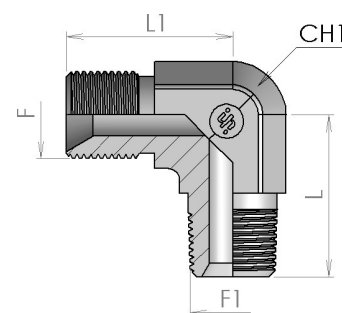


Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4860-02	6	1/4"	G 1/8	R 1/8 K	19.5	22	12	0.031
4860-04	8	5/16"	G 1/4	R 1/4 K	27.5	27	14	0.066
4860-06	10	3/8"	G 3/8	R 3/8 K	31	32	19	0.124
4860-08	12	1/2"	G 1/2	R 1/2 K	36	36	22	0.187
4860-12	20	3/4"	G 3/4	R 3/4 K	40.5	42	27	0.3
4860-16	25	1"	G 1	R 1 K	50	46	33	0.442
4860-20	32	1.1/4"	G 1 1/4	R 1 1/4 K	60.5	52	41	0.783

4620

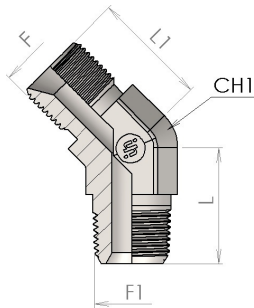
90° Male stud Elbow BSP-BSPT

SDE



Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4620-02	6	1/4"	G 1/8	R 1/8 K	19.5	22	12	0.015
4620-04	8	5/16"	G 1/4	R 1/4 K	27.5	27	14	0.042
4620-06	10	3/8"	G 3/8	R 3/8 K	31	32	19	0.093
4620-08	12	1/2"	G 1/2	R 1/2 K	36	36	22	0.142
4620-12	20	3/4"	G 3/4	R 3/4 K	40.5	42	27	0.231
4620-16	25	1"	G 1	R 1 K	50	46	33	0.372
4620-20	32	1.1/4"	G 1 1/4	R 1 1/4 K	60.5	52	41	0.593
4620-24	38	1.1/2"	G 1 1/2	R 1 1/2 K	67	59	50	0.835

4630

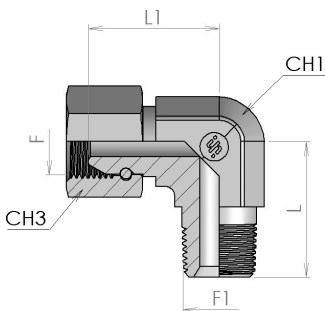


45° Male stud elbows BSP-BSPT

SDE45

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4630-02	6	1/4"	G 1/8	R 1/8 K	18.5	20	12	0.015
4630-04	8	5/16"	G 1/4	R 1/4 K	23	21.5	14	0.042
4630-06	10	3/8"	G 3/8	R 3/8 K	26	26	19	0.093
4630-08	12	1/2"	G 1/2	R 1/2 K	31	29	22	0.142
4630-12	20	3/4"	G 3/4	R 3/4 K	33.5	33	27	0.231
4630-16	25	1"	G 1	R 1 K	39	37.5	33	0.372

4600

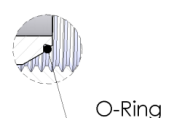


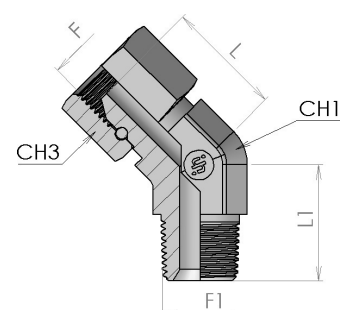
Swivel 90° Elbow BSP-BSPT

SWE

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
4600-02	6	1/4"	G 1/8	R 1/8 K	19.5	20	12	14	0.017	
4600-04	8	5/16"	G 1/4	R 1/4 K	27.5	25	14	19	0.046	
4600-06	10	3/8"	G 3/8	R 3/8 K	31	30	19	22	0.09	
4600-08	12	1/2"	G 1/2	R 1/2 K	36	34	22	27	0.139	
4600-12	20	3/4"	G 3/4	R 3/4 K	40.5	40	27	32	0.232	
4600-16	25	1"	G 1	R 1 K	50	43	33	41	0.261	
4600-20	32	1 1/4"	G 1 1/4	R 1 1/4 K	60.5	49	41	50	0.484	*
4600-24	38	1 1/2"	G 1 1/2	R 1 1/2 K	67	60	50	55	0.831	*

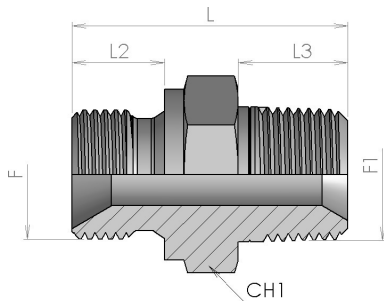
(*) - BSP O-Ring Female



4610**Swivel 45° Elbow BSP-BSPT****SWE45**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH3	
4610-04	8	5/16"	G 1/4	R 1/4 K	21	26	14	19	0.045
4610-06	10	3/8"	G 3/8	R 3/8 K	25.5	25.5	19	22	0.072
4610-08	12	1/2"	G 1/2	R 1/2 K	25	29	22	27	0.099
4610-12	20	3/4"	G 3/4	R 3/4 K	33	31	27	32	0.172
4610-16	25	1"	G 1	R 1 K	45	33.5	33	41	0.304

1875



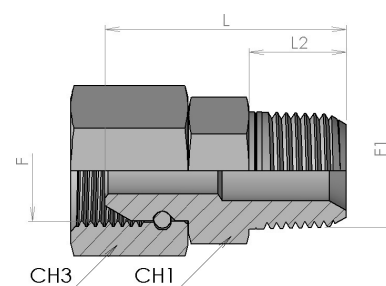
Male stud connector BSP-NPTF

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
1875-02-02	6	1/4"	G 1/8	1/8 NPTF	24.5	8	10	14	0.015
1875-04-04	8	5/16"	G 1/4	1/4 NPTF	33	11	14.5	19	0.032
1875-04-06	8-10	5/16"-3/8"	G 1/4	3/8 NPTF	34	11	14.5	19	0.04
1875-06-04	10-8	3/8"-5/16"	G 3/8	1/4 NPTF	35.5	12	14.5	22	0.047
1875-06-06	10	3/8"	G 3/8	3/8 NPTF	35.5	12	14.5	22	0.051
1875-06-08	10-12	3/8"-1/2"	G 3/8	1/2 NPTF	40.5	12	19	22	0.061
1875-08-06	12-10	1/2"-3/8"	G 1/2	3/8 NPTF	39.5	14	14.5	27	0.068
1875-08-08	12	1/2"	G 1/2	1/2 NPTF	44	14	19	27	0.083
1875-08-12	12-20	1/2"-3/4"	G 1/2	3/4 NPTF	45.5	14	19	27	0.101
1875-12-08	20-12	3/4"-1/2"	G 3/4	1/2 NPTF	45.5	16	19	32	0.116
1875-12-12	20	3/4"	G 3/4	3/4 NPTF	46	16	19.5	32	0.119
1875-12-16	20-25	3/4"-1"	G 3/4	1 NPTF	53	16	24	36	0.203
1875-16-12	25-20	1"-3/4"	G 1	3/4 NPTF	49	19	19	41	0.199
1875-16-16	25	1"	G 1	1 NPTF	54	19	24	41	0.222
1875-16-20	25-32	1"-1.1/4"	G 1	1 1/4 NPTF	57	19	24.5	46	0.264
1875-20-20	32	1.1/4"	G 1 1/4	1 1/4 NPTF	58.5	20	24.5	50	0.306
1875-24-24	38	1.1/2"	G 1 1/2	1 1/2 NPTF	60.5	22	25.5	55	0.431
1875-32-32	50	2"	G 2	2 NPTF	68.5	25	26	70	0.755

2365

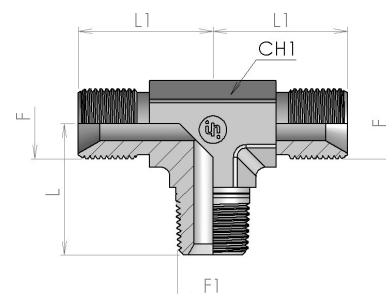
Swivel Connector Female BSP/Male NPTF

SWS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	CH1	CH3	
2365-04-04	8	5/16"	G 1/4	1/4 NPTF	33	14	14	19	0.049
2365-06-06	10	3/8"	G 3/8	3/8 NPTF	36	14.5	19	22	0.076
2365-08-08	12	1/2"	G 1/2	1/2 NPTF	43.5	19	22	27	0.128
2365-12-12	20	3/4"	G 3/4	3/4 NPTF	46	19.5	27	32	0.188
2365-16-16	25	1"	G 1	1 NPTF	60	24	36	41	0.279

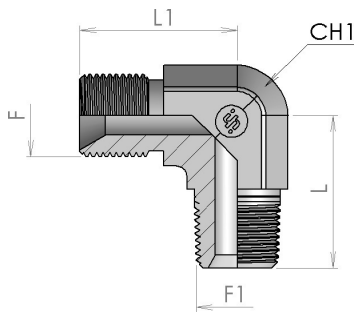
4870

NPTF Branch Tee

SDEBT

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4870-02	6	1/4"	G 1/8	1/8 NPTF	19.5	22	12	0.031
4870-04	8	5/16"	G 1/4	1/4 NPTF	27.5	27	14	0.066
4870-06	10	3/8"	G 3/8	3/8 NPTF	31	32	19	0.124
4870-08	12	1/2"	G 1/2	1/2 NPTF	36	36	22	0.187
4870-12	20	3/4"	G 3/4	3/4 NPTF	40.5	42	27	0.3
4870-16	25	1"	G 1	1 NPTF	50	46	33	0.442

4670

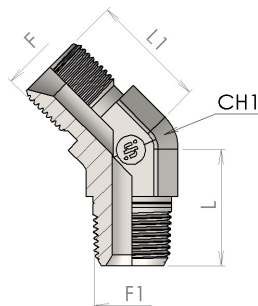


90° Male stud Elbow BSP-NPTF

SDE

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4670-02	6	1/4"	G 1/8	1/8 NPTF	19.5	22	12	0.015
4670-04	8	5/16"	G 1/4	1/4 NPTF	27.5	27	14	0.042
4670-06	10	3/8"	G 3/8	3/8 NPTF	31	32	19	0.093
4670-08	12	1/2"	G 1/2	1/2 NPTF	36	36	22	0.142
4670-12	20	3/4"	G 3/4	3/4 NPTF	40.5	42	27	0.231
4670-16	25	1"	G 1	1 NPTF	50	46	33	0.372
4670-20	32	1.1/4"	G 1 1/4	1 1/4 NPTF	60.5	52	41	0.593

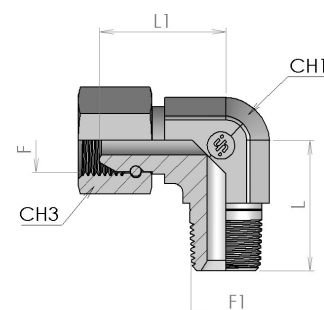
4680



45° Male stud Elbow BSP-NPTF

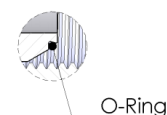
SDE45

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4680-02	6	1/4"	G 1/8	1/8 NPTF	18.5	20	12	0.015
4680-04	8	5/16"	G 1/4	1/4 NPTF	23	21.5	14	0.042
4680-06	10	3/8"	G 3/8	3/8 NPTF	26	26	19	0.093
4680-08	12	1/2"	G 1/2	1/2 NPTF	31	29	22	0.142
4680-12	20	3/4"	G 3/4	3/4 NPTF	33.5	33	27	0.231
4680-16	25	1"	G 1	1 NPTF	39	37.5	33	0.372

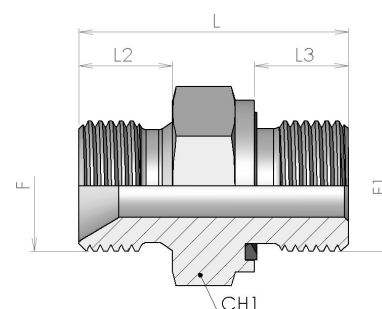
4650**Swivel 90° Elbow BSP-NPTF****SWE**

Product number	Ø tube		Thread		Dimension				Weight kg/unit	Note
	mm	inch	F	F1	L	L1	CH1	CH3		
4650-02	6	1/4"	G 1/8	1/8 NPTF	19.5	20	12	14	0.017	
4650-04	8	5/16"	G 1/4	1/4 NPTF	27.5	25	14	19	0.046	
4650-06	10	3/8"	G 3/8	3/8 NPTF	31	30	19	22	0.09	
4650-08	12	1/2"	G 1/2	1/2 NPTF	36	34	22	27	0.139	
4650-12	20	3/4"	G 3/4	3/4 NPTF	40.5	40	27	32	0.232	
4650-16	25	1"	G 1	1 NPTF	50	43	33	41	0.261	
4650-20	32	1.1/4"	G 1 1/4	1 1/4 NPTF	60.5	49	41	50	0.484	*
4650-24	38	1.1/2"	G 1 1/2	1 1/2 NPTF	67	60	50	55	0.831	*

(*) - BSP O-Ring Female

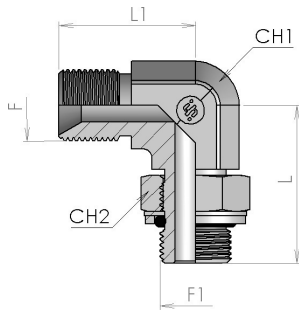


O-Ring

1700E**Male stud connector BSP-BSPP
(Form E ISO 1179-2)****SDS**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
1700E04-04	8	5/16"	G 1/4	G 1/4	32	11	12	19	0.035
1700E06-06	10	3/8"	G 3/8	G 3/8	34.5	12	12	22	0.053
1700E08-08	12	1/2"	G 1/2	G 1/2	41	14	14	27	0.083
1700E12-12	20	3/4"	G 3/4	G 3/4	47	16	16	32	0.141
1700E16-16	25	1"	G 1	G 1	54	19	18	41	0.243

3900



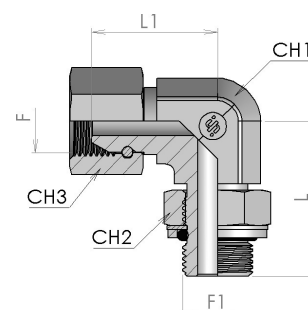
90° Adjustable stud elbow BSP-BSP (ISO 1179)

SDE

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3900-02-02	6	1/4"	G 1/8	G 1/8	27	22	12	14	0.028
3900-04-02	8-6	5/16"-1/4"	G 1/8	G 1/4	33	24.5	14	19	0.045
3900-04-04	8	5/16"	G 1/4	G 1/4	33	27	14	19	0.05
3900-04-06	8-10	5/16"-3/8"	G 3/8	G 1/4	35	32	19	19	0.084
3900-06-04	10-8	3/8"-5/16"	G 1/4	G 3/8	37	29.5	19	22	0.091
3900-06-06	10	3/8"	G 3/8	G 3/8	37	32	19	22	0.094
3900-06-08	10-12	3/8"-1/2"	G 1/2	G 3/8	40	36	22	22	0.14
3900-08-06	12-10	1/2"-3/8"	G 3/8	G 1/2	43	34	22	27	0.142
3900-08-08	12	1/2"	G 1/2	G 1/2	43	36	22	27	0.147
3900-08-12	12-20	1/2"-3/4"	G 3/4	G 1/2	46.5	42	27	27	0.224
3900-12-08	20-12	3/4"-1/2"	G 1/2	G 3/4	50	39	27	36	0.239
3900-12-12	20	3/4"	G 3/4	G 3/4	50	42	27	36	0.248
3900-12-16	20-25	3/4"-1"	G 1	G 3/4	50	44	33	36	0.31
3900-16-12	25-20	1"-3/4"	G 3/4	G 1	53	44	33	41	0.37
3900-16-16	25	1"	G 1	G 1	53	46	33	41	0.374
3900-16-20	25-32	1"-1.1/4"	G 1 1/4	G 1	55.5	52	41	41	0.469
3900-20-16	32-25	1.1/4"-1"	G 1	G 1 1/4	58	49	41	50	0.564
3900-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	58	52	41	50	0.658
3900-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	63	59	50	55	0.97

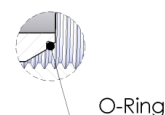
3255

Adjustable 90° elbow Swivel female BSP-BSP (ISO 1179)

SWSDE

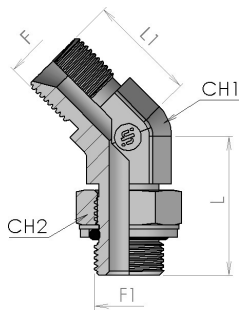
Product number	Ø tube		Thread		Dimension					Weight	Note
	mm	inch	F	F1	L	L1	CH1	CH2	CH3	kg/unit	
3255-02-02	6	1/4"	G 1/8	G 1/8	27	20	12	14	14	0.021	
3255-04-04	8	5/16"	G 1/4	G 1/4	33	25	14	19	19	0.049	
3255-06-06	10	3/8"	G 3/8	G 3/8	37	30	19	22	22	0.091	
3255-08-08	12	1/2"	G 1/2	G 1/2	43	34	22	27	27	0.143	
3255-12-12	20	3/4"	G 3/4	G 3/4	50	40	27	36	32	0.245	
3255-16-16	25	1"	G 1	G 1	53	43	33	41	41	0.368	
3255-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	58	49	41	50	50	0.621	*
3255-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	63	60	50	55	55	0.955	*

(*) - BSP O-Ring Female



O-Ring

3950



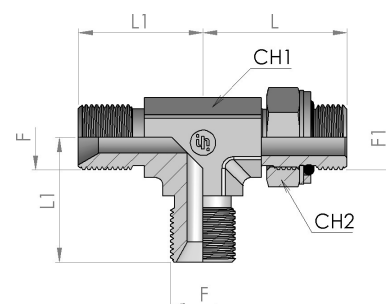
45° Adjustable stud elbow BSP-BSP (ISO 1179)

SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3950-02-02	6	1/4"	G 1/8	G 1/8	27	20	12	14	0,028
3950-04-02	8-6	5/16"-1/4"	G 1/8	G 1/4	28.5	21.5	14	19	0,045
3950-04-04	8	5/16"	G 1/4	G 1/4	30	21.5	14	19	0,05
3950-06-06	10	3/8"	G 3/8	G 3/8	33.5	26	19	22	0,094
3950-08-08	12	1/2"	G 1/2	G 1/2	39	29	22	27	0,147
3950-12-12	20	3/4"	G 3/4	G 3/4	44	33	27	36	0,248
3950-16-16	25	1"	G 1	G 1	47	37.5	33	41	0,374
3950-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	52	38	41	50	0,658
3950-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	55	46	50	55	0,878

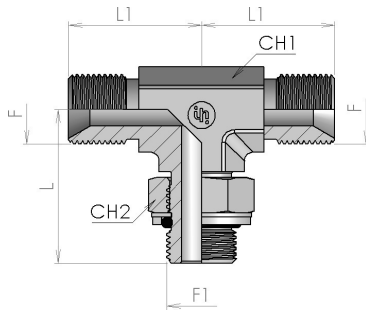
3600

Adjustable stud Run Tee BSP-BSP (ISO 1179)

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3600-02-02	6	1/4"	G 1/8	G 1/8	27	22	12	14	0.0378
3600-04-04	8	5/16"	G 1/4	G 1/4	33	27	14	19	0.0675
3600-04-06	8-10	5/16"-3/8"	G 3/8	G 1/4	35	32	19	19	0.1134
3600-06-04	10-8	3/8"-5/16"	G 1/4	G 3/8	37	29.5	19	22	0.1229
3600-06-06	10	3/8"	G 3/8	G 3/8	37	32	19	22	0.1269
3600-06-08	10-12	3/8"-1/2"	G 1/2	G 3/8	40	36	22	22	0.189
3600-08-06	12-10	1/2"-3/8"	G 3/8	G 1/2	43	34	22	27	0.1917
3600-08-08	12	1/2"	G 1/2	G 1/2	43	36	22	27	0.1985
3600-08-12	12-20	1/2"-3/4"	G 3/4	G 1/2	46.5	42	27	27	0.3024
3600-12-08	20-12	3/4"-1/2"	G 1/2	G 3/4	50	39	27	36	0.3226
3600-12-12	20	3/4"	G 3/4	G 3/4	50	42	27	36	0.3348
3600-16-16	25	1"	G 1	G 1	53	46	33	41	0.5049
3600-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	58	52	41	50	0.8883
3600-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	63	59	50	55	1.3095

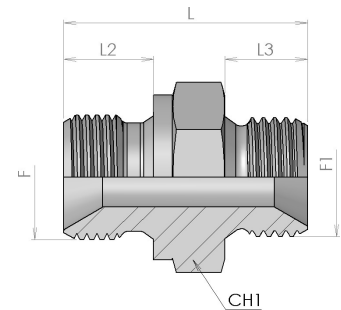
3605



Adjustable stud Branch Tee BSP-BSP (ISO 1179)

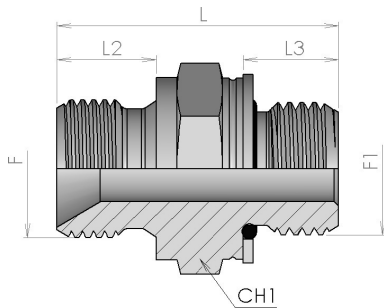
SDBT

Product number	Ø tube		Thread		Dimension				Weight
	mm	inch	F	F1	L	L1	CH1	CH2	kg/unit
3605-02-02	6	1/4"	G 1/8	G 1/8	27	22	12	14	0,038
3605-04-04	8	5/16"	G 1/4	G 1/4	33	27	14	19	0,067
3605-04-06	8-10	5/16"-3/8"	G 3/8	G 1/4	35	32	19	19	0,113
3605-06-04	10-8	3/8"-5/16"	G 1/4	G 3/8	37	29.5	19	22	0,123
3605-06-06	10	3/8"	G 3/8	G 3/8	37	32	19	22	0,127
3605-06-08	10-12	3/8"-1/2"	G 1/2	G 3/8	40	36	22	22	0,189
3605-08-06	12-10	1/2"-3/8"	G 3/8	G 1/2	43	34	22	27	0,192
3605-08-08	12	1/2"	G 1/2	G 1/2	43	36	22	27	0,198
3605-08-12	12-20	1/2"-3/4"	G 3/4	G 1/2	46.5	42	27	27	0,302
3605-12-08	20-12	3/4"-1/2"	G 1/2	G 3/4	50	39	27	36	0,322
3605-12-12	20	3/4"	G 3/4	G 3/4	50	42	27	36	0,334
3605-16-16	25	1"	G 1	G 1	53	46	33	41	0,505
3605-20-20	32	1.1/4"	G 1 1/4	G 1 1/4	58	52	41	50	0,888
3605-24-24	38	1.1/2"	G 1 1/2	G 1 1/2	63	59	50	55	1,309

1805**Male stud connector BSP-Metric****SDS**

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
1805-04-10	8	5/16"	G 1/4	M 10x1	27	11	8	19	0.031
1805-04-12	8	5/16"	G 1/4	M 12x1,5	31	11	10	19	0.033
1805-04-14	8	5/16"	G 1/4	M 14x1,5	31	11	12	19	0.03
1805-04-18	8	5/16"	G 1/4	M 18x1,5	34	11	12	24	0.049
1805-04-22	8	5/16"	G 1/4	M 22x1,5	36	11	14	27	0.061
1805-06-12	10	3/8"	G 3/8	M 12x1,5	33.5	12	12	22	0.043
1805-06-14	10	3/8"	G 3/8	M 14x1,5	31.5	12	10	22	0.044
1805-06-16	10	3/8"	G 3/8	M 16x1,5	32.5	12	11	22	0.046
1805-06-18	10	3/8"	G 3/8	M 18x1,5	34.5	12	11	24	0.055
1805-06-20	10	3/8"	G 3/8	M 20x1,5	36.5	12	14	27	0.061
1805-08-14	12	1/2"	G 1/2	M 14x1,5	37	14	12	27	0.058
1805-08-16	12	1/2"	G 1/2	M 16x1,5	37	14	12	27	0.06
1805-08-18	12	1/2"	G 1/2	M 18x1,5	37	14	12	27	0.066
1805-08-20	12	1/2"	G 1/2	M 20x1,5	39	14	14	27	0.069
1805-08-22	12	1/2"	G 1/2	M 22x1,5	39	14	14	27	0.07
1805-08-24	12	1/2"	G 1/2	M 24x1,5	39	14	14	30	0.086
1805-12-18	20	3/4"	G 3/4	M 18x1,5	39	16	11	32	0.111
1805-12-20	20	3/4"	G 3/4	M 20x1,5	41	16	14	32	0.115
1805-12-22	20	3/4"	G 3/4	M 22x1,5	41	16	12	32	0.119
1805-12-26	20	3/4"	G 3/4	M 26x1,5	43	16	12	32	0.124
1805-12-30	20	3/4"	G 3/4	M 30x1,5	44	16	14	36	0.166
1805-16-22	25	1"	G 1	M 22x1,5	44	19	14	41	0.171
1805-16-26	25	1"	G 1	M 26x1,5	46	19	16	41	0.204
1805-16-38	25	1"	G 1	M 38 x1,5	46	19	14	46	0.243

3510



Male stud connector BSP-Metric with O'ring and retaining ring

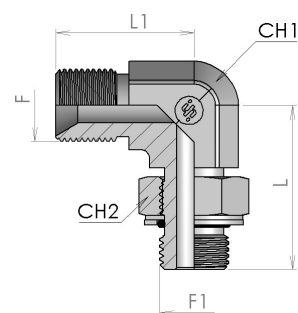
SDS

Product number	Ø tube		Thread		Dimension				Weight
	mm	inch	F	F1	L	L2	L3	CH1	kg/unit
3510-10-02	6	1/4"	G 1/8	M 10x1	24	8	8.5	14	0.018
3510-12-02	6	1/4"	G 1/8	M 12x1,5	27	8	11	17	0.026
3510-14-04	8	5/16"	G 1/4	M 14x1,5	31.5	11	11	19	0.037
3510-16-06	10	3/8"	G 3/8	M 16x1,5	34	12	11.5	22	0.051
3510-18-06	10	3/8"	G 3/8	M 18x1,5	36	12	12.5	24	0.06
3510-22-08	12	1/2"	G 1/2	M 22x1,5	39.5	14	13	27	0.104
3510-27-12	20	3/4"	G 3/4	M 27x2	44.5	16	16	36	0.159
3510-33-16	25	1"	G 1	M 33x2	52	19	16	41	0.269
3510-42-20	32	1.1/4"	G 1 1/4	M 42x2	55	20	16	50	0.427
3510-48-24	38	1.1/2"	G 1 1/2	M 48x2	59.5	22	17.5	55	0.534

3910

90° Adjustable stud elbow BSP-Metric with O'ring and retaining ring

SWSDE

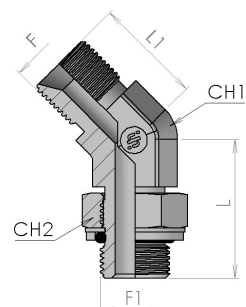


Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3910-10-02	6	1/4"	G 1/8	M 10x1	29	22	12	14	0.029
3910-14-04	8	5/16"	G 1/4	M 14x1,5	34	27	14	19	0.049
3910-16-06	10	3/8"	G 3/8	M 16x1,5	38	32	19	22	0.094
3910-18-06	10	3/8"	G 3/8	M 18x1,5	41	34	19	24	0.135
3910-22-08	12	1/2"	G 1/2	M 22x1,5	43	36	22	27	0.147
3910-27-12	20	3/4"	G 3/4	M 27x2	52	42	27	32	0.249
3910-33-16	25	1"	G 1	M 33x2	54	46	33	41	0.367
3910-42-20	32	1.1/4"	G 1 1/4	M 42x2	60	52	41	50	0.645
3910-48-24	38	1.1/2"	G 1 1/2	M 48x2	67	59	50	55	1.012

3410

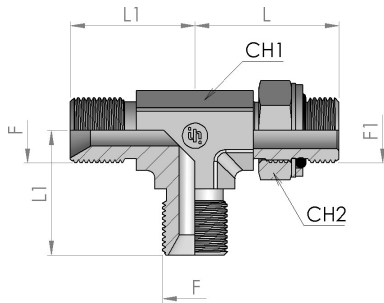
45° Adjustable stud elbow BSP-Metric with O'ring and retaining ring

SDE45



Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3410-10-02	6	1/4"	G 1/8	M 10x1	27	20	12	14	0.029
3410-14-04	8	5/16"	G 1/4	M 14x1,5	32	21.5	14	19	0.049
3410-16-06	10	3/8"	G 3/8	M 16x1,5	34	26	19	22	0.094
3410-18-06	10	3/8"	G 3/8	M 18x1,5	35	26	19	24	0.135
3410-22-08	12	1/2"	G 1/2	M 22x1,5	38	29	22	27	0.147
3410-27-12	20	3/4"	G 3/4	M 27x2	45	33	27	32	0.249
3410-33-16	25	1"	G 1	M 33x2	48	37.5	33	41	0.367
3410-42-20	32	1.1/4"	G 1 1/4	M 42x2	53.5	38	41	50	0.645
3410-48-24	38	1.1/2"	G 1 1/2	M 48x2	58	43	50	55	1.012

3610

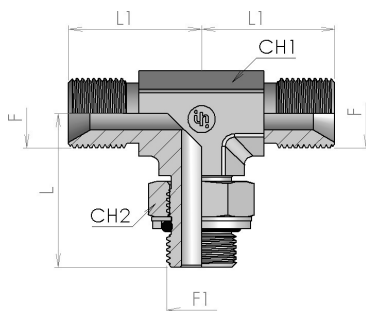


Adjustable stud Run Tee BSP-Metric with O'ring and retaining ring

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3610-10-02	6	1/4"	G 1/8	M 10x1	29	22	12	14	0.039
3610-14-04	8	5/16"	G 1/4	M 14x1,5	34	27	14	19	0.065
3610-16-06	10	3/8"	G 3/8	M 16x1,5	38	32	19	22	0.125
3610-18-06	10	3/8"	G 3/8	M 18x1,5	41	34	19	24	0.18
3610-22-08	12	1/2"	G 1/2	M 22x1,5	43	36	22	27	0.196
3610-27-12	20	3/4"	G 3/4	M 27x2	52	42	27	32	0.332
3610-33-16	25	1"	G 1	M 33x2	54	46	33	41	0.489
3610-42-20	32	1.1/4"	G 1 1/4	M 42x2	60	52	41	50	0.86
3610-48-24	38	1.1/2"	G 1 1/2	M 48x2	67	59	50	55	1.349

3615



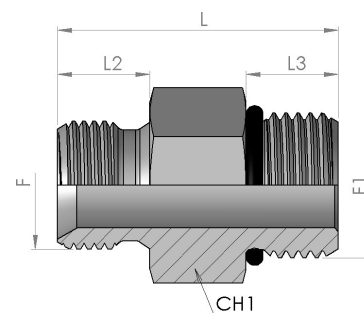
Adjustable stud Branch Tee BSP-Metric with O'ring and retaining ring

SDBT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3615-10-02	6	1/4"	G 1/8	M 10x1	29	22	12	14	0.039
3615-14-04	8	5/16"	G 1/4	M 14x1,5	34	27	14	19	0.065
3615-16-06	10	3/8"	G 3/8	M 16x1,5	38	32	19	22	0.125
3615-18-06	10	3/8"	G 3/8	M 18x1,5	41	34	19	24	0.18
3615-22-08	12	1/2"	G 1/2	M 22x1,5	43	36	22	27	0.196
3615-27-12	20	3/4"	G 3/4	M 27x2	52	42	27	32	0.332
3615-33-16	25	1"	G 1	M 33x2	54	46	33	41	0.489
3615-42-20	32	1.1/4"	G 1 1/4	M 42x2	60	52	41	50	0.86
3615-48-24	38	1.1/2"	G 1 1/2	M 48x2	67	59	50	55	1.349

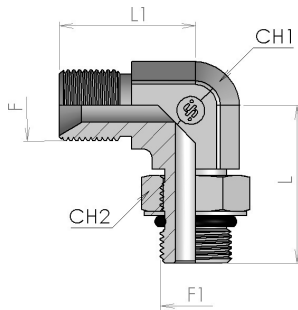
3520

Male stud connector BSP-UNF (ISO 11926)

SDS

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L2	L3	CH1	
3520-04-02	6	1/4"	G 1/8	7/16-20 UNF	26	8	9	14	0,021
3520-06-04	10-8	3/8"-5/16"	G 1/4	9/16-18 UNF	30	11	10	17	0,029
3520-06-06	10-10	3/8"-3/8"	G 3/8	9/16-18 UNF	31	12	10	19	0,038
3520-08-04	12-8	1/2"-5/16"	G 1/4	3/4-16 UNF	31.5	11	11	22	0,051
3520-08-06	12-10	1/2"-3/8"	G 3/8	3/4-16 UNF	33	12	11	22	0,053
3520-08-08	12	1/2"	G 1/2	3/4-16 UNF	36.5	14	11	22	0,063
3520-10-06	16-10	5/8"-3/8"	G 3/8	7/8-14 UNF	35.5	12	12.5	27	0,079
3520-10-08	16-12	5/8"-1/2"	G 1/2	7/8-14 UNF	38	14	12.5	27	0,101
3520-10-12	16-20	5/8"-3/4"	G 3/4	7/8-14 UNF	41	16	12.5	32	0,122
3520-12-08	20-12	3/4"-1/2"	G 1/2	1 1/16-12 UN	41.5	16	15	32	0,131
3520-12-12	20	3/4"	G 3/4	1 1/16-12 UN	43.5	16	15	32	0,135
3520-16-12	25-20	1"-3/4"	G 3/4	1 5/16-12 UN	44.5	16	15	41	0,191
3520-16-16	25	1"	G 1	1 5/16-12 UN	47.5	19	15	41	0,204
3520-20-20	32	1 1/4"	G 1 1/4	1 5/8 UN	50.5	20	15	50	0,359
3520-24-24	38	1 1/2"	G 1 1/2	1 7/8-12 UN	54.5	22	15	55	0,464

3920



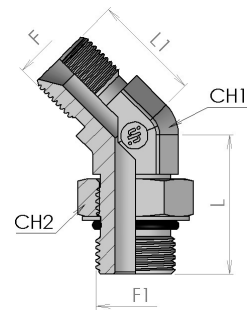
90° Adjustable stud elbow BSP-UNF (ISO 11926)

SDE

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3920-04-02	6	1/4"	G 1/8	7/16-20 UNF	27	22	12	14	0.031
3920-05-02	8-6	5/16"-1/4"	G 1/8	1/2-20 UNF	30	25	14	17	0.041
3920-06-04	10-8	3/8"-5/16"	G 1/4	9/16-18 UNF	33	27	14	19	0.053
3920-08-06	12-10	1/2"-3/8"	G 3/8	3/4-16 UNF	37	32	19	24	0.105
3920-08-08	12	1/2"	G 1/2	3/4-16 UNF	37	36	22	24	0.118
3920-10-06	16-10	5/8"-3/8"	G 3/8	7/8-14 UNF	43	34	22	27	0.135
3920-10-08	16-12	5/8"-1/2"	G 1/2	7/8-14 UNF	43	36	22	27	0.159
3920-12-12	20	3/4"	G 3/4	1 1/16-12 UN	50	42	27	36	0.258
3920-16-16	25	1"	G 1	1 5/16-12 UN	53	46	33	41	0.367
3920-20-20	32	1.1/4"	G 1 1/4	1 5/8 UN	58	52	41	50	0.615
3920-24-24	38	1.1/2"	G 1 1/2	1 7/8-12 UN	63	59	50	55	0.994

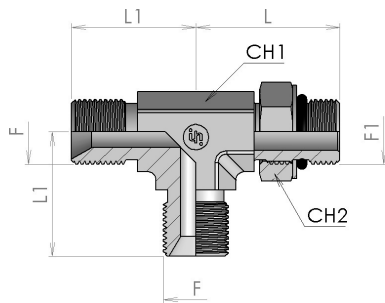
3420

45° Adjustable stud elbow BSP-UNF (ISO 11926)

SDE45

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3420-04-02	6	1/4"	G 1/8	7/16-20 UNF	27	20	12	14	0.031
3420-05-02	8-6	5/16"-1/4"	G 1/8	1/2-20 UNF	28	21	14	17	0.041
3420-06-04	10-8	3/8"-5/16"	G 1/4	9/16-18 UNF	30	21.5	14	19	0.053
3420-08-06	12-10	1/2"-3/8"	G 3/8	3/4-16 UNF	33.5	26	19	24	0.105
3420-08-08	12	1/2"	G 1/2	3/4-16 UNF	36	29	22	24	0.118
3420-10-08	16-12	5/8"-1/2"	G 1/2	7/8-14 UNF	39	29	22	27	0.159
3420-12-12	20	3/4"	G 3/4	1 1/16-12 UN	44	33	27	36	0.258
3420-16-16	25	1"	G 1	1 5/16-12 UN	47	35	33	41	0.367
3420-20-20	32	1 1/4"	G 1 1/4	1 5/8 UN	52	38	41	50	0.615
3420-24-24	38	1 1/2"	G 1 1/2	1 7/8-12 UN	55	41	50	55	0.994

3620



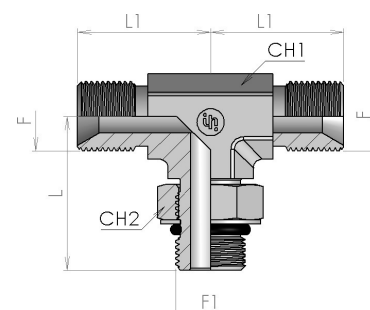
Adjustable stud Run Tee BSP-UNF (ISO 11926)

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3620-04-02	6	1/4"	G 1/8	7/16-20 UNF	27	22	12	14	0.0413
3620-05-02	8-6	5/16"-1/4"	G 1/8	1/2-20 UNF	30	25	14	17	0.0547
3620-06-04	10-8	3/8"-5/16"	G 1/4	9/16-18 UNF	33	27	14	19	0.0707
3620-08-06	12-10	1/2"-3/8"	G 3/8	3/4-16 UNF	37	32	19	24	0.14
3620-08-08	12	1/2"	G 1/2	3/4-16 UNF	37	36	22	24	0.1573
3620-10-08	16-12	5/8"-1/2"	G 1/2	7/8-14 UNF	43	36	22	27	0.212
3620-12-12	20	3/4"	G 3/4	1 1/16-12 UN	50	42	27	36	0.344
3620-16-16	25	1"	G 1	1 5/16-12 UN	53	46	33	41	0.4893
3620-20-20	32	1 1/4"	G 1 1/4	1 5/8 UN	58	52	41	50	0.82
3620-24-24	38	1 1/2"	G 1 1/2	1 7/8-12 UN	63	59	50	55	1.3253

3625

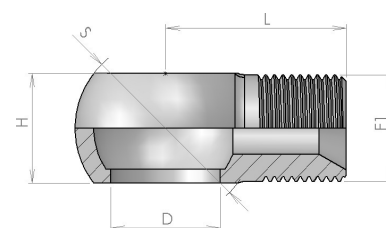
Adjustable stud Branch Tee BSP-UNF (ISO 11926)

SDRT

Product number	Ø tube		Thread		Dimension				Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	CH2	
3625-04-02	6	1/4"	G 1/8	7/16-20 UNF	27	22	12	14	0.041
3625-05-02	8-6	5/16"-1/4"	G 1/8	1/2-20 UNF	30	25	14	17	0.055
3625-06-04	10-8	3/8"-5/16"	G 1/4	9/16-18 UNF	33	27	14	19	0.071
3625-08-06	12-10	1/2"-3/8"	G 3/8	3/4-16 UNF	37	32	19	24	0.14
3625-08-08	12	1/2"	G 1/2	3/4-16 UNF	37	36	22	24	0.157
3625-10-08	16-12	5/8"-1/2"	G 1/2	7/8-14 UNF	43	36	22	27	0.212
3625-12-12	20	3/4"	G 3/4	1 1/16-12 UN	50	42	27	36	0.344
3625-16-16	25	1"	G 1	1 5/16-12 UN	53	46	33	41	0.489
3625-20-20	32	1 1/4"	G 1 1/4	1 5/8 UN	58	52	41	50	0.82
3625-24-24	38	1 1/2"	G 1 1/2	1 7/8-12 UN	63	59	50	55	1.325

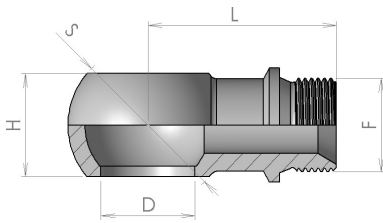
1550

BSP threaded Banjo Eye



Product number	Thread	Dimension				Weight
	F1	S	H	D	L	kg/unit
1550-04-04	G 1/4	24	14.5	G 1/4	22	0.03
1550-06-06	G 3/8	28	17	G 3/8	28	0.045
1550-08-06	G 3/8	36	22	G 1/2	32.5	0.086
1550-08-08	G 1/2	36	22	G 1/2	32	0.092
1550-12-12	G 3/4	45	29	G 3/4	40	0.166
1550-16-16	G 1	58	35	G 1	46	0.366

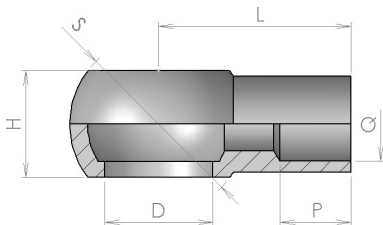
1560



BSP threaded Banjo Eye with guide

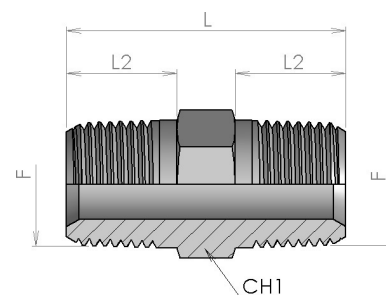
Product number	Thread	Dimension				Weight
	F	S	H	D	L	kg/unit
1560-04-04	G 1/4	24	14.5	13.5	32	0.039
1560-06-06	G 3/8	28	17	17	38	0.058
1560-08-08	G 1/2	36	22	21	55	0.12
1560-12-12	G 3/4	45	29	26.5	53	0.216

1450

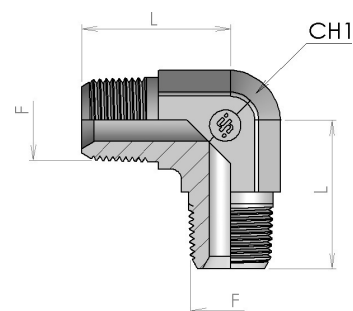


Weldable BSP Banjo Eye

Product number	Dimension					Weight
	S	H	Q	D	L	kg/unit
1450-04-08	24	14	8	G 1/4	24	0.034
1450-04-10	24	14	10	G 1/4	24	0.03
1450-06-12	28	17	12	G 3/8	28	0.039
1450-08-15	36	22	15	G 1/2	32	0.075
1450-08-16	36	22	16	G 1/2	32	0.073

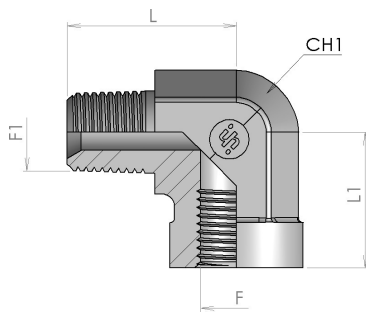
1860**Male stud connector BSPT****S**

Product number	Ø tube		Thread	Dimension			Weight
	mm	inch	F	L	L2	CH1	kg/unit
1860-02-02	6	1/4"	R 1/8 K	24.5	9	12	0.014
1860-04-04	8	5/16"	R 1/4 K	35	14	15	0.034
1860-06-06	10	3/8"	R 3/8 K	37.5	14	19	0.049
1860-08-08	12	1/2"	R 1/2 K	46	18	22	0.082
1860-12-12	20	3/4"	R 3/4 K	53	19	27	0.136
1860-16-16	25	1"	R 1 K	60	24	36	0.224
1860-20-20	32	1.1/4"	R 1 1/4 K	68	24.5	46	0.361
1860-24-24	38	1.1/2"	R 1 1/2 K	71	25.5	50	0.448
1860-32-32	50	2"	R 2 K	82	30	65	0.816

4626**90° Male stud Elbow BSPT****E**

Product number	Ø tube		Thread	Dimension		Weight
	mm	inch	F	L	CH1	kg/unit
4626-02	6	1/4"	R 1/8 K	19.5	12	0.015
4626-04	8	5/16"	R 1/4 K	27.5	14	0.042
4626-06	10	3/8"	R 3/8 K	31	19	0.093
4626-08	12	1/2"	R 1/2 K	36	22	0.142
4626-12	20	3/4"	R 3/4 K	40.5	27	0.231

4625



90° Male BSPT/Female BSP Elbow

E

Product number	Ø tube		Thread		Dimension			Weight kg/unit
	mm	inch	F	F1	L	L1	CH1	
4625-02	6	1/4"	G 1/8	R 1/8 K	23.5	17	14	0.048
4625-04	8	5/16"	G 1/4	R 1/4 K	29	22.5	19	0.0648
4625-06	10	3/8"	G 3/8	R 3/8 K	33.5	26	22	0.008
4625-08	12	1/2"	G 1/2	R 1/2 K	38	31	27	0.1472
4625-12	20	3/4"	G 3/4	R 3/4 K	45	34.5	33	0.2104
4625-16	25	1"	G 1	R 1 K	55	41	41	0.4016