



INTERPUMP

FLUID SOLUTIONS 

Carbon Steel fittings

2018

Carbon Steel fittings

**Standard tail
Inter-lock Tail
Hyblast Tail
Multispiral Tail
Low Pressure**

We have also available the following catalogues

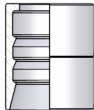
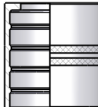
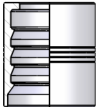
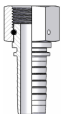
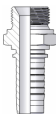
Hydraulic Hoses and Accessories

One-Piece fittings

Stainless Steel fittings

Standard
tail



Braided Trecciato	001C	0022	0001	0002
				
	Swaged Ferrule (no skive)	Swaged Ferrule (no skive)	Swaged Ferrule (skive)	Swaged Ferrule (skive)
	9	9	10	10
Compact Compatto	003T	Textile Tessile	0003	Thermo plastic
				
	Swaged Ferrule (no skive)		Swaged Ferrule (no skive)	
	11		11	
0007		0008	PTFE	PTFE
				
		Swaged Ferrule (no skive)		Ferrule for PTFE hose
		12		13
Spiral	0009	004H	BMC1	BMC2
				
	Swaged Ferrule (skive)	Swaged Ferrule (skive)	Swaged Ferrule (no skive)	Swaged Ferrule (no skive)
	14	14	15	15
BSP Flat	0345	0060	MALE BSP 60°	0350
				
	BSP Male - Flat Seat	BSP Female Flat Seal		BSP Male Parallel 60° cone
	16	17		18

035G



BSP Male Parallel 60°
Cone - Rotating

19



0051



BSP Female 60° Cone
Rolled Nut

20

0050



BSP Female 60° cone
Thrust Wire

21

0052



BSP Female 60° Cone
Slip On Nut

22

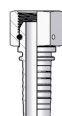
0041



BSP O'Ring Female
60° Cone- Rolled Nut

22

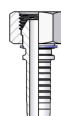
0040



BSP O'Ring Female
60° Cone-Thrust wire

23

0042



BSP O'Ring Female
60° Cone - Slip on nut

23

0151



BSP 90° Swept elbow
60° cone Rolled Nut

24

0150



BSP 90° Swept Elbow
60° cone Thrust Wire

25

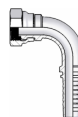
0152



BSP 90° Swept elbow
60° cone Slip On Nut

26

0141



BSP O'Ring 90° Swept
elbow 60° cone- Rol-
led Nut

26

0140



BSP O'Ring 90° Swept
elbow 60° cone-
Thrust Wire Nut

27

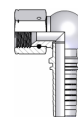
0142



BSP O'Ring 90° Swept
elbow 60° cone- Slip
on nut

27

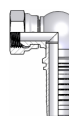
2300



BSP 90° Compact El-
bow 60° Cone - Thrust
wire - Welded

28

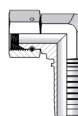
2301



BSP 90° Compact El-
bow 60° Cone - Rolled
nut - Welded

28

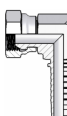
2320



BSP 90° Compact El-
bow 60° Cone - Thrust
wire

29

2321



BSP 90° Compact El-
bow 60° Cone - Rolled
nut

29

0251



BSP 45° Swept Elbow
60° Cone - Rolled nut

30

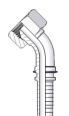
0250



BSP 45° Swept Elbow
60° Cone - Thrust
Wire Nut

31

0252



BSP 45° Swept Elbow
60° Cone - Slip on
nut

32

0241



BSP O'Ring 45° Swept
Elbow 60° Cone - Rol-
led nut

32

0240



BSP O'Ring 45° Swept
Elbow 60° Cone -
Thrust Wire Nut

33

0242

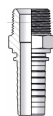


BSP O'Ring 45° Swept
Elbow 60° Cone - Slip
on nut

33



0360



BSP Taper Male 60° cone

34



1400



BSP Banjo

35

1600



Double BSP performed bolt

36

1600-00

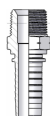


BSP performed bolt

36



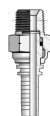
0370



NPTF Male 60° cone

37

037G



NPTF Male Parallel 60° Cone - Rotating

38

N051



NPSM Female 60° Cone Rolled Nut

38



0850

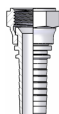


JIC Male 74° cone

39



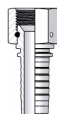
0901



JIC Female 74° cone - Rolled Nut

40

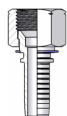
0900



JIC Female 74° Thrust Wire Nut

41

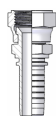
0902



JIC Female 74° - Slip on nut

42

0901D



JIC Female 74° cone - Double hexagon

42

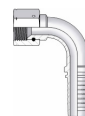
0951



JIC 90° Swept Elbow 74° cone - Rolled Nut

43

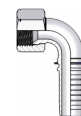
0950



JIC 90° Swept Elbow 74° cone - Thrust Wire Nut

44

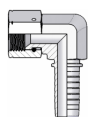
0952



JIC 90° Swept Elbow 74° cone - Slip on nut

45

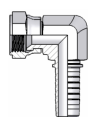
2970



JIC 90° Compact Elbow 74° cone - Thrust Wire Nut

45

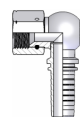
2971



JIC 90° Compact Elbow 74° cone - Crimped Nut

46

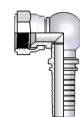
2950



JIC 90° Compact Elbow 74° cone - Thrust Wire Nut - Welded

46

2951



JIC 90° Compact Elbow 74° cone - Rolled Nut - Welded

47

1001



JIC 90° Swept Elbow 74° cone - Rolled Nut

47

1002



JIC 45° Swept Elbow
74° Cone Slips on nut

48



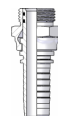
0385



SAE Male O'R Flat
Seat

48

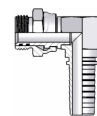
0390



Swivel Male O'Ring

49

0395

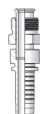


90° Swivel Male O'ring

49



IF00



Straight Male Inverted
Flare Swivel

50

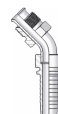
IF90



90° Male Inverted
Flare Swivel

50

IF45

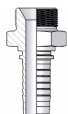


45° Male Inverted
Flare Swivel

51



0400



Metric Male 60° cone

51

0100



Metric Female 60°
cone

52

0200



90° Metric Swept
Elbow 60° cone

52

0300

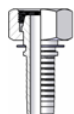


45° Metric Swept
Elbow 60° cone

53



0035



Metric Female 24°
Seat Light Multiseal

53

0135



90° Metric Swept
Elbow 24° Seat Light
Multiseal

54

0235

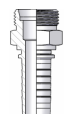


45° Metric Swept
Elbow 24° Seat Light
Multiseal

54



0500



Metric Male 24° Seat
Light

55



0085



Metric Female 24°
Seat Light

56

0085R



Metric Female 24°
Seat Light (rolled nut)

56

0185



90° Metric Swept
Elbow 24° Seat Light

57

0185R



90° Metric Swept
Elbow 24° Seat Light
(rolled nut)

58

0285



45° Metric Swept
Elbow 24° Seat Light

58

0285R



45° Metric Swept
Elbow 24° Seat Light
(rolled nut)

59



0450



Metric Male 24° Seat
Heavy

59



0084



Metric Female 24°
Seat Heavy

60

0184



90° Metric Swept EL-
bow 24° Seat Heavy

61

0284



45° Metric Swept EL-
bow 24° Seat Heavy

62



1350



Metric Banjo

63

1650



Metric perfored bolt

63

0550



Metric Standpipe

64



0650



90° Metric Standpipe

65

0650S



90° Metric Standpipe
(welded)

66

0750



45° Metric Standpipe

67

0750S

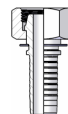


45° Metric Standpipe
(Welded)

67



0030



Metric Female 24°
Cone French Type

68

0130

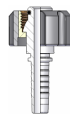


90° Metric Swept EL-
bow 24° Cone French
Type

68



FK50



K' Female

69

FN50



'K' Male (for gun) -
Diameter 10

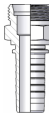
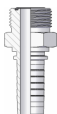
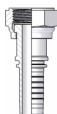
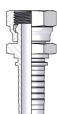
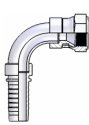
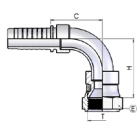
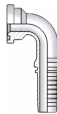
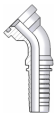
69

FN51



'K' Male (for gun) -
Diameter 11

70

 Steko Male	0398  Staplelock Male 70	 Kobelco Male	K05B  Kobelco Male 71	 ORFS Male
S350  ORFS Male 71	 ORFS crimped nut	S050  ORFS Female 72	S05T  ORFS Female Back Hexagon 72	S150  ORFS 90° Swept Elbow 73
S250  ORFS 45° Swept Elbow 74	 JIS Nissan	0920  JIS Female 60° cone (Nissan) 74	 JIS Toyota	0930  JIS Female 60° cone (Toyota) 75
0980S  90° JIS Swept Elbow (Toyota) - welded 75	1030S  45° JIS Swept Elbow (Toyota) - welded 76	 JIS Komatsu	0940  JIS Female 60° Cone (Komatsu) 76	0990S  90° JIS Swept Elbow (Komatsu) - welded 77
1040S  45° JIS Swept Elbow (Komatsu) - welded 77	1050  Komatsu Flange 90° 78	1150  Komatsu Flange 45° 78	1250  Komatsu Flange - Straight 78	 SAE 3000

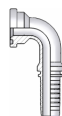
1260



Straight SAE Flange
3000 PSI

79

1060



90° SAE Flange 3000
PSI

80

1160



45° SAE Flange 3000
PSI

80

1060

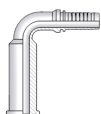


22.5°/30°/60°/67.5°
SAE Flange 3000 PSI

81



FS3L



90° SAE Flange 3000
Psi - Long Drop

82

S003



Cut Split Flanges -
3000 psi

82



1310



Straight SAE Flange
6000 PSI

83

1110



90° SAE Flange 6000
PSI

84

1210



45° SAE Flange 6000
PSI

85

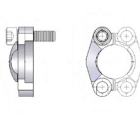
FS6L



90° SAE Flange 6000
Psi - Long Drop

85

S006

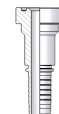


Cut Split Flanges -
6000 psi

86



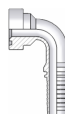
130S



Straight 'CAT' Flange

86

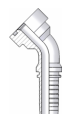
110S



90° 'CAT' Flange

87

120S



45° 'CAT' Flange

87



D050



Hose Junction

88



G500

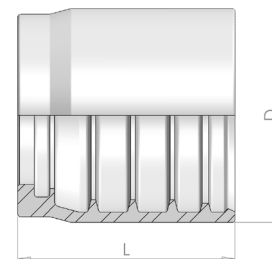


Weldable Fitting

89

001C

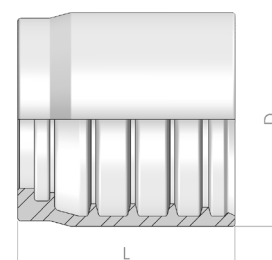
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
001C-03	3/16	4,8	18.5	24	NO
001C-04	1/4	6.4	20	26	NO
001C-05	5/16	7.9	22	26	NO
001C-06	3/8	9.5	25	28	NO
001C-08	1/2	12.7	28	28	NO
001C-10	5/8	15.9	32	31	NO
001C-12	3/4	19	36	38	NO
001C-16	1	25.4	44	47.5	NO
001C-20	1.1/4	31.8	54	56	NO
001C-24	1.1/2	38.1	62	66	NO
001C-32	2	50.8	75	73	NO
001C-40	2.1/2	63,5	88	90	NO
001C-48	3	76,2	101	90	NO

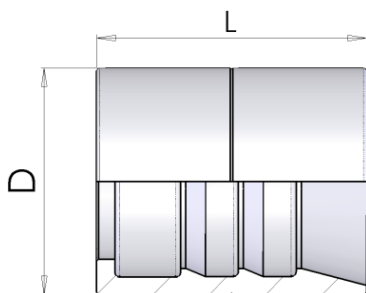
0022

Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0022-03	3/16	4.8	21	25.6	NO
0022-04	1/4	6.4	22	28	NO
0022-05	5/16	7.9	24	28	NO
0022-06	3/8	9.5	26	28	NO
0022-08	1/2	12.7	30	31	NO
0022-10	5/8	15.9	34	31	NO
0022-12	3/4	19	37	38	NO
0022-16	1	25.4	47	47.5	NO
0022-20	1.1/4	31.8	58	56	NO
0022-24	1.1/2	38.1	65.6	66	NO
0022-32	2	50.8	78.6	73	NO

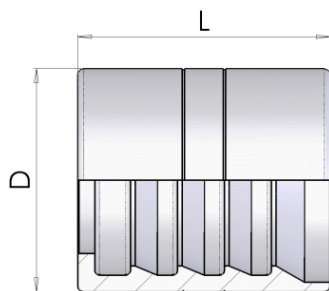
0001



Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0001-03	3/16	4.8	17.5	27	20
0001-04	1/4	6.4	20	30.2	23
0001-05	5/16	7.9	22	30.7	23
0001-06	3/8	9.5	24	32	24
0001-08	1/2	12.7	28.5	34	25
0001-10	5/8	15.9	32	37	27
0001-12	3/4	19	36	43	31
0001-16	1	25.4	43	50	37
0001-20	1.1/4	31.8	52	57	46
0001-24	1.1/2	38.1	57	63	44
0001-32	2	50.8	70.6	78	60

0002

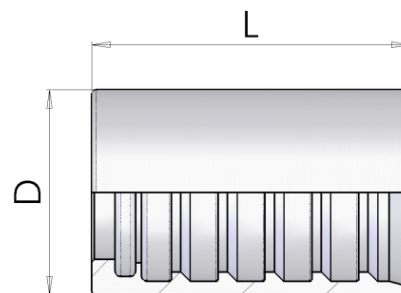


Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0002-03	3/16	4.8	20	27	21
0002-04	1/4	6.4	21	30	22
0002-05	5/16	7.9	24	30	22
0002-06	3/8	9.5	25.4	32	24
0002-08	1/2	12.7	30	34	25
0002-10	5/8	15.9	34	37	27
0002-12	3/4	19	38	43	31
0002-16	1	25.4	46	50	37
0002-20	1.1/4	31.8	56	59	43
0002-24	1.1/2	38.1	62	63	45
0002-32	2	50.8	75	79	61
0002-40	2.1/2	63.5	95	83.7	63
0002-48	3	76.2	105.6	94.3	78

003T

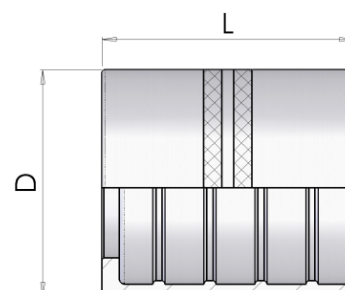
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
003T-08	1/2	12.7	31	32.5	NO
003T-10	5/8	15.9	34	34	NO

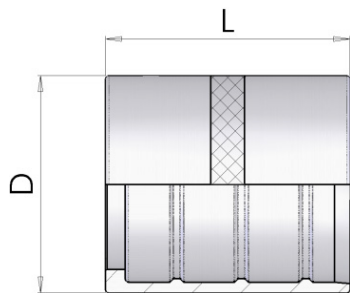
0003

Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0003-03	3/16	4.8	14	27	NO
0003-04	1/4	6.4	19	29	NO
0003-05	5/16	7.9	22	30	NO
0003-06	3/8	9.5	24	31	NO
0003-08	1/2	12.7	28.5	34	NO
0003-10	5/8	15.9	32	36	NO
0003-12	3/4	19	38	42	NO
0003-16	1	25.4	46	50	NO
0003-20	1.1/4	31.8	52	57	NO

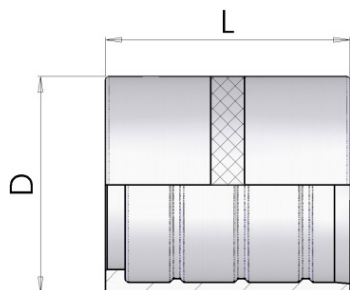
0007



Swaged Ferrule (No Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0007-03	3/16	4.8	14	27	NO
0007-04	1/4	6.4	17	29	NO
0007-05	5/16	7.9	19	30	NO
0007-06	3/8	9.5	21	31	NO
0007-08	1/2	12.7	25.4	34	NO
0007-10	5/8	15.9	28.5	36	NO
0007-12	3/4	19	32	36	NO
0007-16	1	25.4	40	50	NO

0008



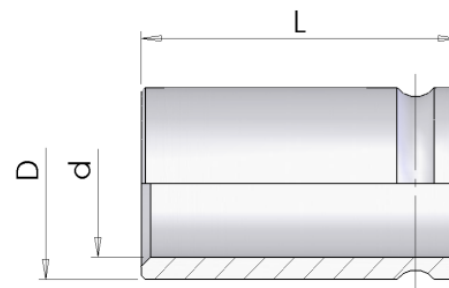
Swaged Ferrule (No Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0008-03	3/16	4.8	13	27	NO
0008-04	1/4	6.4	17	29	NO
0008-05	5/16	7.9	19	30	NO
0008-06	3/8	9.5	21.5	31	NO
0008-08	1/2	12.7	26	34	NO
0008-10	5/8	15.9	29	40	NO
0008-12	3/4	19	32	42	NO
0008-16	1	25.4	40	50	NO

PTFE

Ferrule for PTFE Hose

For PTFE Hose type T1-(with standard fittings)

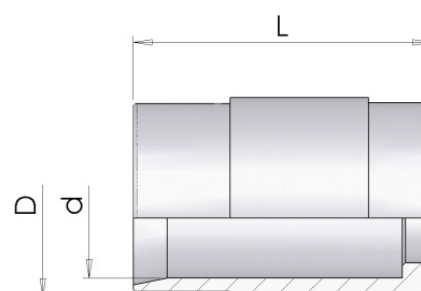


Part number	Hose I.D.		Dimensions		Dim	Skive
	in	mm	D	L	d	Lenght
PTFE-03	3/16	4.8	12.7	22	9.5	NO
PTFE-04	1/4	6.4	14.4	23.9	11.1	NO
PTFE-05	5/16	7.9	17.1	24.6	13	NO
PTFE-06	3/8	9.5	19	27.4	15	NO
PTFE-08	1/2	12.7	22.4	28.7	18.3	NO
PTFE-10	5/8	15.9	27	31.7	23.1	NO
PTFE-12	3/4	19	28.7	34.5	24.8	NO
PTFE-16	1	25.4	38.1	43.6	34.3	NO

PTFE-C

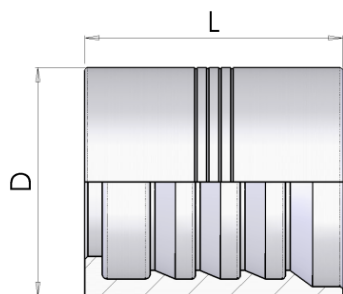
Ferrule for PTFE Hose

For PTFE Hose type LTC-(with standard fittings)



Part number	Hose I.D.		Dimensions		Dim	Skive
	in	mm	D	L	d	Lenght
PTFE-04-C	1/4	6.4	17.8	26.5	14.4	NO
PTFE-06-C	3/8	9.5	20	30.5	16.8	NO
PTFE-08-C	1/2	12.7	24	33.2	20.5	NO
PTFE-10-C	5/8	15.9	29.2	34.8	25.4	NO
PTFE-12-C	3/4	19	31.1	40.9	27.4	NO
PTFE-16-C	1	25.4	38.5	47	34.7	NO

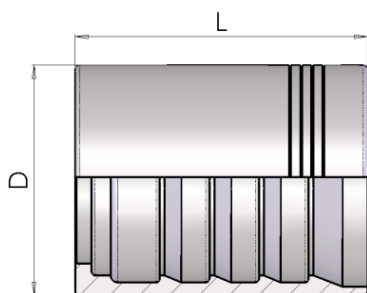
0009



Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0009-04	1/4	6.4	21	30	22
0009-06	3/8	9.5	25.4	33.5	26
0009-08	1/2	12.7	30	36	28
0009-10	5/8	15.9	34	40	31
0009-12	3/4	19	38	43	34
0009-16	1	25.4	46	60	48
0009-20	1.1/4	31.8	56	66	54
0009-24	1.1/2	38.1	67	76.5	62
0009-32	2	50.8	80	79.8	64

004H

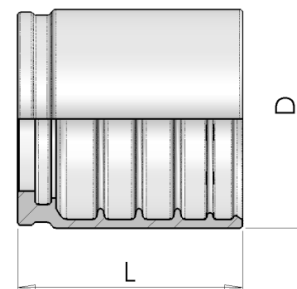


Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
004H-20	1.1/4	31.8	52	66	55
004H-24	1.1/2	38.1	62	76.5	63
004H-32	2	50.8	75	79.8	65

BMC1

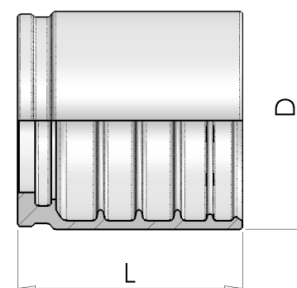
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
BMC1-12	3/4	19	45	41	NO
BMC1-16	1	25.4	53.5	56	NO
BMC1-20	1.1/4	31.8	62	62	NO

BMC2

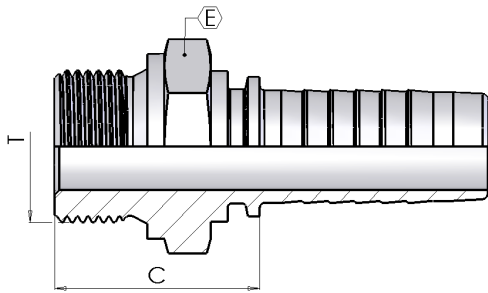
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
BMC2-20	1.1/4	31.8	66	62	NO
BMC2-24	1.1/2	38.1	73.3	70	NO

0345

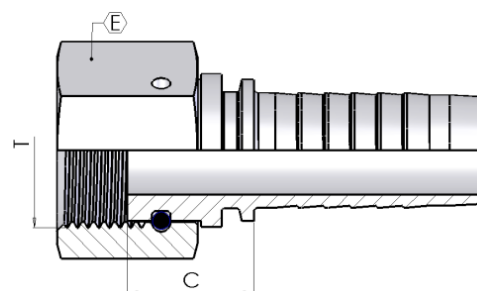
BSP Male - Flat Seat



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0345-03-02	3/16	4.8	03	1/8-28	14	21
0345-04-04	1/4	6.4	04	1/4-19	19	27
0345-04-06	1/4	6.4	04	3/8-19	22	28
0345-05-06	5/16	7.9	05	3/8-19	22	28
0345-06-06	3/8	9.5	06	3/8-19	22	29
0345-06-08	3/8	9.5	06	1/2-14	27	32
0345-08-08	1/2	12.7	08	1/2-14	27	33
0345-08-10	1/2	12.7	08	5/8-14	30	35
0345-08-12	1/2	12.7	08	3/4-14	32	35
0345-10-10	5/8	15.9	10	5/8-14	30	35
0345-10-12	5/8	15.9	10	3/4-14	32	35
0345-12-12	3/4	19	12	3/4-14	32	36
0345-12-16	3/4	19	12	1-11	41	39
0345-16-16	1	25.4	16	1-11	41	40

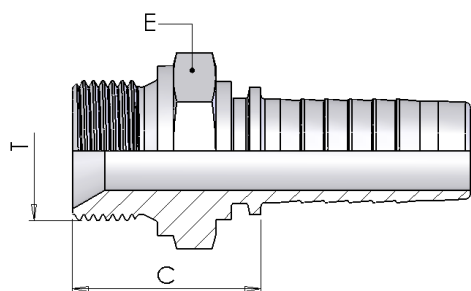
0060

BSP Female - Flat Seal



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0060-04-04	1/4	6.4	04	1/4-19	19	14
0060-04-06	1/4	6.4	04	3/8-19	22	15
0060-05-04	5/16	7.9	05	1/4-19	19	14
0060-05-06	5/16	7.9	05	3/8-19	22	15
0060-05-08	5/16	7.9	05	1/2-14	27	17
0060-06-06	3/8	9.5	06	3/8-19	22	15
0060-06-08	3/8	9.5	06	1/2-14	27	16
0060-08-08	1/2	12.7	08	1/2-14	27	16
0060-08-10	1/2	12.7	08	5/8-14	30	16
0060-08-12	1/2	12.7	08	3/4-14	32	23
0060-10-10	5/8	15.9	10	5/8-14	30	16
0060-10-12	5/8	15.9	10	3/4-14	32	20
0060-12-12	3/4	19	12	3/4-14	32	21
0060-12-16	3/4	19	12	1-11	38	23
0060-16-16	1	25.4	16	1-11	38	22
0060-24-24	1.1/2	38.1	24	1.1/2-11	55	27

0350

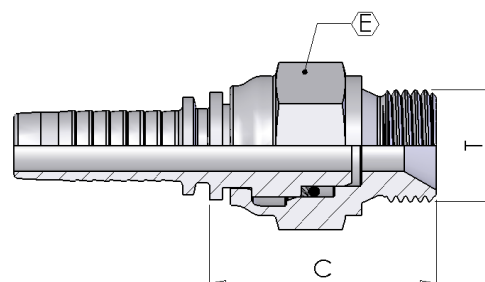


BSP Male Parallel 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0350-03-02	3/16	4.8	03	1/8-28	14	21
0350-03-04	3/16	4.8	03	1/4-19	19	26
0350-04-02	1/4	6.4	04	1/8-28	14	21
0350-04-04	1/4	6.4	04	1/4-19	19	27
0350-04-06	1/4	6.4	04	3/8-19	22	28
0350-04-08	1/4	6.4	04	1/2-14	27	35
0350-05-04	5/16	7.9	05	1/4-19	19	27
0350-05-06	5/16	7.9	05	3/8-19	22	28
0350-05-08	5/16	7.9	05	1/2-14	27	32
0350-06-04	3/8	9.5	06	1/4-19	19	27
0350-06-06	3/8	9.5	06	3/8-19	22	29
0350-06-08	3/8	9.5	06	1/2-14	27	32
0350-08-06	1/2	12.7	08	3/8-19	22	29
0350-08-08	1/2	12.7	08	1/2-14	27	33
0350-08-10	1/2	12.7	08	5/8-14	30	34
0350-08-12	1/2	12.7	08	3/4-14	32	35
0350-10-08	5/8	15.9	10	1/2-14	27	33
0350-10-10	5/8	15.9	10	5/8-14	30	35
0350-10-12	5/8	15.9	10	3/4-14	32	35
0350-12-12	3/4	19	12	3/4-14	32	36
0350-12-16	3/4	19	12	1-11	41	39
0350-16-16	1	25.4	16	1-11	41	40
0350-16-20	1	25.4	16	1.1/4-11	50	44
0350-20-16	1.1/4	31.8	20	1-11	41	41
0350-20-20	1.1/4	31.8	20	1.1/4-11	50	45
0350-20-24	1.1/4	31.8	20	1.1/2-11	55	46
0350-24-24	1.1/2	38.1	24	1.1/2-11	55	46
0350-24-32	1.1/2	38.1	24	2-11	70	54
0350-32-24	2	50.8	32	1.1/2-11	65	50
0350-32-32	2	50.8	32	2-11	70	54

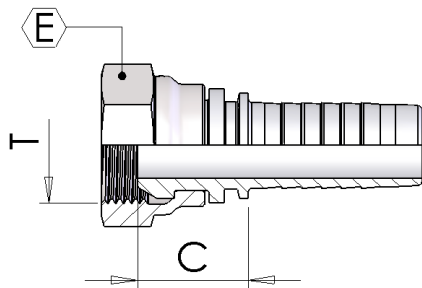
035G

BSP Male Parallel 60° Cone - Rotating



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
035G-04-04	1/4	6.4	04	1/4-19	19	37
035G-06-06	3/8	9.5	06	3/8-19	22	43
035G-08-08	1/2	12.7	08	1/2-14	27	47
035G-12-12	3/4	19	12	3/4-14	32	52

0051

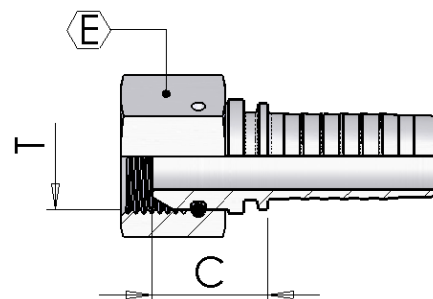
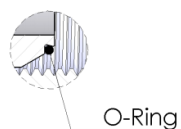


BSP Female 60° Cone - Rolled Nut

Part number	Hose I.D.		Dimensions			
	in	mm	Dash	Thread	Hex	Cut-Off
			size	T	E	C
0051-03-02	3/16	4.8	03	1/8-28	14	15
0051-03-04	3/16	4.8	03	1/4-19	19	17
0051-04-02	1/4	6.4	04	1/8-28	14	15
0051-04-04	1/4	6.4	04	1/4-19	19	17
0051-04-06	1/4	6.4	04	3/8-19	22	19
0051-04-08	1/4	6.4	04	1/2-14	27	22
0051-05-04	5/16	7.9	05	1/4-19	19	17
0051-05-06	5/16	7.9	05	3/8-19	22	19
0051-05-08	5/16	7.9	05	1/2-14	27	22
0051-06-04	3/8	9.5	06	1/4-19	19	17
0051-06-06	3/8	9.5	06	3/8-19	22	19
0051-06-08	3/8	9.5	06	1/2-14	27	22
0051-08-06	1/2	12.7	08	3/8-19	22	20
0051-08-08	1/2	12.7	08	1/2-14	27	23
0051-08-10	1/2	12.7	08	5/8-14	30	20
0051-08-12	1/2	12.7	08	3/4-14	32	27
0051-10-08	5/8	15.9	10	1/2-14	27	23
0051-10-10	5/8	15.9	10	5/8-14	30	20
0051-10-12	5/8	15.9	10	3/4-14	32	25
0051-12-08	3/4	19	12	1/2-14	27	24
0051-12-12	3/4	19	12	3/4-14	32	25
0051-12-16	3/4	19	12	1-11	38	26
0051-16-12	1	25.4	16	3/4-14	32	27
0051-16-16	1	25.4	16	1-11	38	27

BSP Female 60° Cone - Thrust Wire

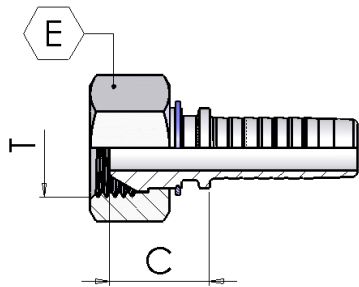
(*)- BSP female with O'Ring



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0050-03-02	3/16	4.8	03	1/8-28	14	15
0050-03-04	3/16	4.8	03	1/4-19	19	17
0050-04-02	1/4	6.4	04	1/8-28	14	15
0050-04-04	1/4	6.4	04	1/4-19	19	17
0050-04-06	1/4	6.4	04	3/8-19	22	19
0050-04-08	1/4	6.4	04	1/2-14	27	22
0050-05-04	5/16	7.9	05	1/4-19	19	17
0050-05-06	5/16	7.9	05	3/8-19	22	19
0050-05-08	5/16	7.9	05	1/2-14	27	22
0050-06-04	3/8	9.5	06	1/4-19	19	17
0050-06-06	3/8	9.5	06	3/8-19	22	19
0050-06-08	3/8	9.5	06	1/2-14	27	22
0050-08-06	1/2	12.7	08	3/8-19	22	20
0050-08-08	1/2	12.7	08	1/2-14	27	23
0050-08-10	1/2	12.7	08	5/8-14	30	20
0050-08-12	1/2	12.7	08	3/4-14	32	27
0050-10-08	5/8	15.9	10	1/2-14	27	23
0050-10-10	5/8	15.9	10	5/8-14	30	20
0050-10-12	5/8	15.9	10	3/4-14	32	25
0050-12-08	3/4	19	12	1/2-14	27	24
0050-12-12	3/4	19	12	3/4-14	32	25
0050-12-16	3/4	19	12	1-11	38	26
0050-16-12	1	25.4	16	3/4-14	32	27
0050-16-16	1	25.4	16	1-11	38	27
(*) 0050-16-20	1	25.4	16	1.1/4-11	50	30
(*) 0050-20-20	1.1/4	31.8	20	1.1/4-11	50	32
(*) 0050-20-24	1.1/4	31.8	20	1.1/2-11	55	34
(*) 0050-24-24	1.1/2	38.1	24	1.1/2-11	55	34
(*) 0050-24-32	1.1/2	38.1	24	2-11	70	34
(*) 0050-32-32	2	50.8	32	2-11	70	31
0050-40-40	2.1/2	63,5	40	2.1/2-11	85	41
0050-48-48	3	76,2	48	3-11	100	45

0052

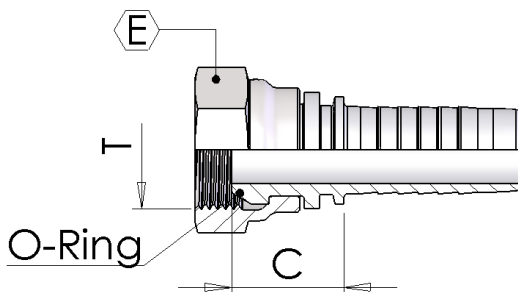
BSP Female 60° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0052-04-04	1/4	6.4	04	1/4-19	17	17
0052-06-06	3/8	9.5	06	3/8-19	19	17
0052-08-08	1/2	12.7	08	1/2-14	27	21

0041

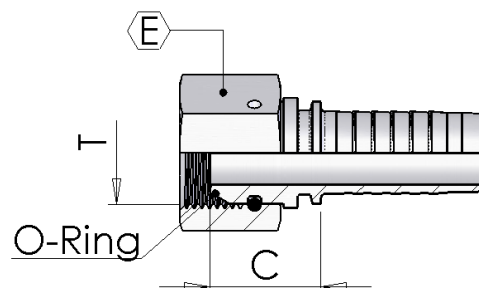
BSP O'Ring Female 60° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0041-04-04	1/4	6.4	04	1/4-19	19	17
0041-06-06	3/8	9.5	06	3/8-19	22	19
0041-08-08	1/2	12.7	08	1/2-14	27	21
0041-10-10	5/8	15.9	10	5/8-14	30	21
0041-12-12	3/4	19	12	3/4-14	32	26
0041-16-16	1	25.4	16	1-11	38	28

0040

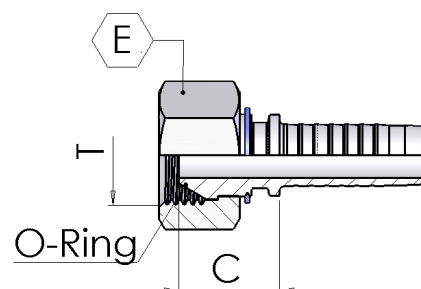
BSP O'Ring Female 60° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0040-10-10	5/8	15.9	10	5/8-14	30	21
0040-12-12	3/4	19	12	3/4-14	32	26
0040-16-16	1	25.4	16	1-11	38	28

0042

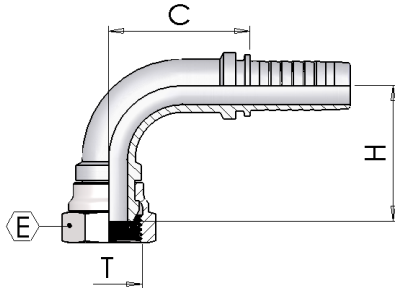
BSP O'Ring Female 60° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0042-04-04	1/4	6.4	04	1/4-19	17	17
0042-06-06	3/8	9.5	06	3/8-19	19	17
0042-08-08	1/2	12.7	08	1/2-14	27	20

0151

BSP 90° Swept Elbow 60° Cone - Rolled Nut

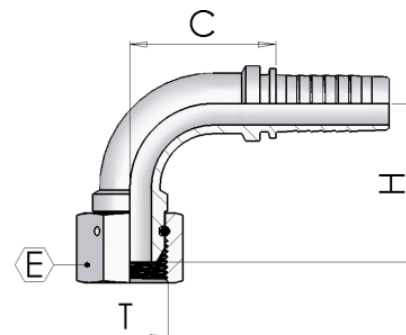
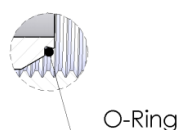


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0151-03-02	3/16	4.8	03	1/8-28	14	22	23
0151-03-04	3/16	4.8	03	1/4-19	19	22	25
0151-04-02	1/4	6.4	04	1/8-28	14	25	25
0151-04-04	1/4	6.4	04	1/4-19	19	25	27
0151-04-06	1/4	6.4	04	3/8-19	22	25	31
0151-05-04	5/16	7.9	05	1/4-19	19	31	31
0151-05-06	5/16	7.9	05	3/8-19	22	29	36
0151-06-04	3/8	9.5	06	1/4-19	19	31	33
0151-06-06	3/8	9.5	06	3/8-19	22	33	35
0151-06-08	3/8	9.5	06	1/2-14	27	31	40
0151-08-06	1/2	12.7	08	3/8-19	22	39	42
0151-08-08	1/2	12.7	08	1/2-14	27	39	41
0151-08-10	1/2	12.7	08	5/8-14	30	40	41
0151-08-12	1/2	12.7	08	3/4-14	32	41	46
0151-10-10	5/8	15.9	10	5/8-14	30	43	43
0151-10-12	5/8	15.9	10	3/4-14	32	45	50
0151-12-12	3/4	19	12	3/4-14	32	56	57
0151-12-16	3/4	19	12	1-11	38	56	60
0151-16-16	1	25.4	16	1-11	38	70	67

BSP 90° Swept Elbow 60° Cone - Thrust Wire

(*)-On request available in version without O'Ring

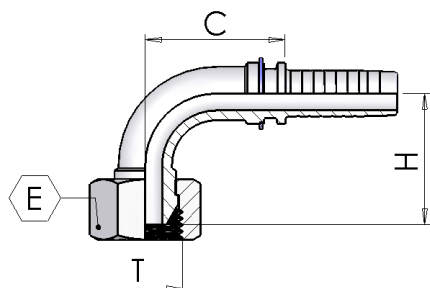
(*)- BSP female with O'Ring



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
0150-03-02	3/16	4.8	03	1/8-28	14	22	23
0150-03-04	3/16	4.8	03	1/4-19	19	22	25
0150-04-02	1/4	6.4	04	1/8-28	14	25	25
0150-04-04	1/4	6.4	04	1/4-19	19	25	27
0150-04-06	1/4	6.4	04	3/8-19	22	25	31
0150-05-04	5/16	7.9	05	1/4-19	19	31	31
0150-05-06	5/16	7.9	05	3/8-19	22	29	36
0150-06-04	3/8	9.5	06	1/4-19	19	31	33
0150-06-06	3/8	9.5	06	3/8-19	22	33	35
0150-06-08	3/8	9.5	06	1/2-14	27	31	40
0150-08-06	1/2	12.7	08	3/8-19	22	39	42
0150-08-08	1/2	12.7	08	1/2-14	27	39	41
0150-08-10	1/2	12.7	08	5/8-14	30	40	41
0150-08-12	1/2	12.7	08	3/4-14	32	41	46
0150-10-10	5/8	15.9	10	5/8-14	30	44	43
0150-10-12	5/8	15.9	10	3/4-14	32	45	50
0150-12-12	3/4	19	12	3/4-14	32	56	57
0150-12-16	3/4	19	12	1-11	38	56	60
Welded 0150S16-12	1	25.4	16	3/4-14	32	57	68
0150-16-16	1	25.4	16	1-11	38	70	67
Welded (*) 0150S16-20	1	25.4	16	1.1/4-11	50	62	72
(*) 0150-20-20	1.1/4	31.8	20	1.1/4-11	50	86	81
Welded (*) 0150S20-24	1.1/4	31.8	20	1.1/2-11	55	81	89
(*) 0150-24-24	1.1/2	38.1	24	1.1/2-11	55	103	95
Welded (*) 0150S24-32	1.1/2	38.1	24	2-11	70	102	113
(*) 0150-32-32	2	50.8	32	2-11	70	122	135

0152

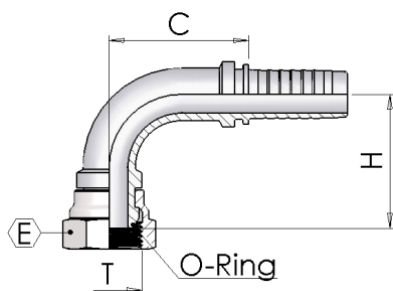
BSP 90° Swept Elbow 60° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0152-04-04	1/4	6.4	04	1/4-19	17	27	26
0152-06-06	3/8	9.5	06	3/8-19	19	34	30
0152-08-08	1/2	12.7	08	1/2-14	27	42	38

0141

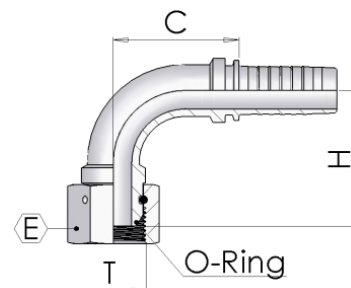
BSP O'Ring 90° Swept Elbow 60° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0141-04-04	1/4	6.4	04	1/4-19	19	25	27
0141-06-06	3/8	9.5	06	3/8-19	22	33	34
0141-08-08	1/2	12.7	08	1/2-14	27	41	40
0141-10-10	5/8	15.9	10	5/8-14	30	43	55
0141-12-12	3/4	19	12	3/4-14	32	56	54
0141-16-16	1	25.4	16	1-11	38	70	67

0140

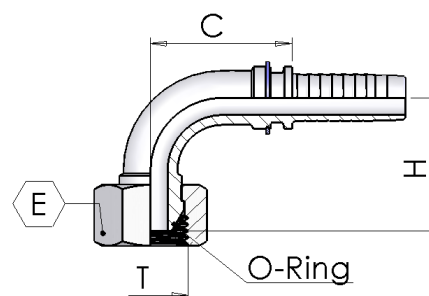
BSP O'Ring 90° Swept Elbow 60° Cone - Thrust Wire Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0140-10-10	5/8	15.9	10	5/8-14	30	44	43
0140-12-12	3/4	19	12	3/4-14	32	56	54
0140-16-16	1	25.4	16	1-11	38	70	67

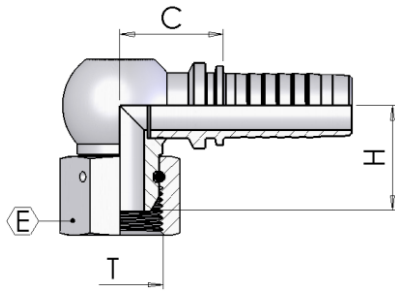
0142

BSP O'Ring 90° Swept Elbow 60° Cone - Slip on nut

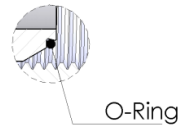


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0142-04-04	1/4	6.4	04	1/4-19	17	27	24
0142-06-06	3/8	9.5	06	3/8-19	19	34	28
0142-08-08	1/2	12.7	08	1/2-14	27	42	37

2300



BSP 90° Compact Elbow 60° Cone - Thrust wire - Welded

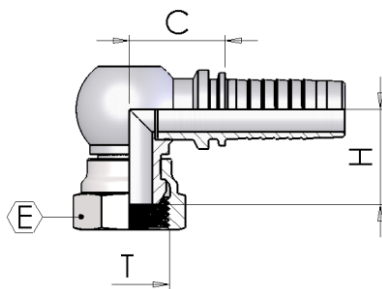


(*)- BSP female with O'Ring

(*)

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
2300-03-02	3/16	4.8	03	1/8-28	14	17	16
2300-10-10	5/8	15.9	10	5/8-14	30	28	27
2300-10-12	5/8	15.9	10	3/4-14	32	29	32
2300-20-20	1.1/4	31.8	20	1.1/4-11	50	47	46

2301

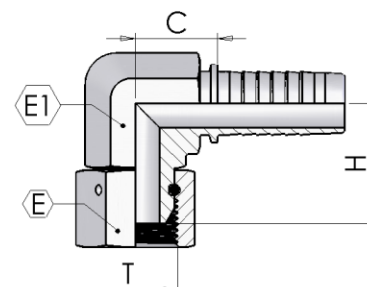


BSP 90° Compact Elbow 60° Cone - Rolled Nut - Welded

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
2301-03-02	3/16	4.8	03	1/8-28	14	17	16
2301-10-10	5/8	15.9	10	5/8-14	30	28	27
2301-10-12	5/8	15.9	10	3/4-14	32	29	32

2320

BSP 90° Compact Elbow 60° Cone - Thrust wire

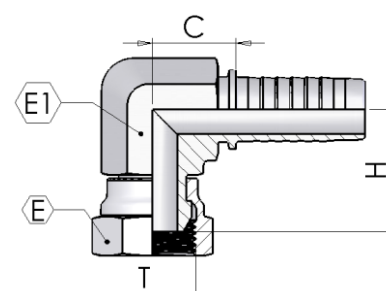
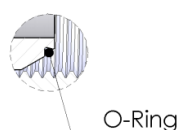


Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
2320-04-04	1/4	6.4	04	1/4-19	19	19	20	15
2320-04-06	1/4	6.4	04	3/8-19	22	24	29	17
2320-05-06	5/16	7.9	05	3/8-19	22	24	23	17
2320-06-06	3/8	9.5	06	3/8-19	22	23	23	17
2320-06-08	3/8	9.5	06	1/2-14	27	28	26	19
2320-08-08	1/2	12.7	08	1/2-14	27	26	27	22
2320-12-12	3/4	19	12	3/4-14	32	32	32	27
2320-16-16	1	25.4	16	1-11	38	38	36	32

2321

BSP 90° Compact Elbow 60° Cone - Rolled Nut

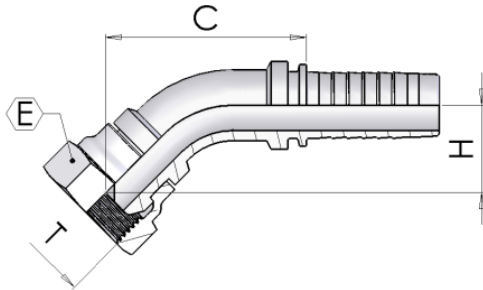
(*)- BSP female with O'Ring



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
(*) 2321-04-04	1/4	6.4	04	1/4-19	19	19	20	15
2321-04-06	1/4	6.4	04	3/8-19	22	24	29	17
2321-05-06	5/16	7.9	05	3/8-19	22	24	23	17
(*) 2321-06-06	3/8	9.5	06	3/8-19	22	23	23	17
2321-06-08	3/8	9.5	06	1/2-14	27	28	26	19
(*) 2321-08-08	1/2	12.7	08	1/2-14	27	26	27	22
2321-12-12	3/4	19	12	3/4-14	32	32	32	27
2321-16-16	1	25.4	16	1-11	38	38	36	32

0251

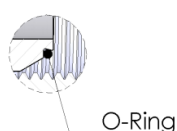
BSP 45° Swept Elbow 60° Cone - Rolled Nut



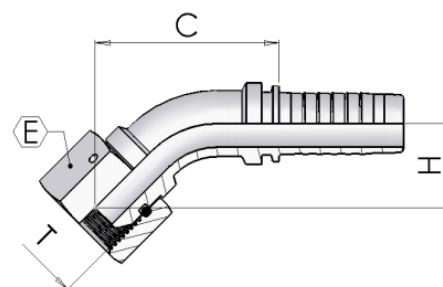
Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0251-03-02	3/16	4.8	03	1/8-28	14	33	15
0251-03-04	3/16	4.8	03	1/4-19	19	35	15
0251-04-02	1/4	6.4	04	1/8-28	14	40	14
0251-04-04	1/4	6.4	04	1/4-19	19	41	15
0251-05-04	5/16	7.9	05	1/4-19	19	47	16
0251-05-06	5/16	7.9	05	3/8-19	22	51	19
0251-06-04	3/8	9.5	06	1/4-19	19	50	16
0251-06-06	3/8	9.5	06	3/8-19	22	52	19
0251-06-08	3/8	9.5	06	1/2-14	27	55	21
0251-08-06	1/2	12.7	08	3/8-19	22	63	22
0251-08-08	1/2	12.7	08	1/2-12	27	65	24
0251-08-10	1/2	12.7	08	5/8-14	30	64	21
0251-08-12	1/2	12.7	08	3/4-14	32	67	26
0251-10-08	5/8	15.9	10	1/2-14	27	68	24
0251-10-10	5/8	15.9	10	5/8-14	30	68	23
0251-10-12	5/8	15.9	10	3/4-14	32	72	27
0251-12-12	3/4	19	12	3/4-14	32	86	30
0251-12-16	3/4	19	12	1-11	38	88	32
0251-16-16	1	25.4	16	1-11	38	107	35

BSP 45° Swept Elbow 60° Cone -Thrust Wire Nut

(*)- BSP female with O'Ring



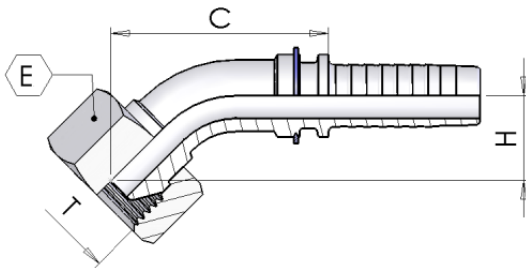
(*)-On request available in version without O'Ring



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0250-03-02	3/16	4.8	03	1/8-28	14	33	15
0250-03-04	3/16	4.8	03	1/4-19	19	35	15
0250-04-02	1/4	6.4	04	1/8-28	14	40	14
0250-04-04	1/4	6.4	04	1/4-19	19	41	15
0250-04-06	1/4	6.4	04	3/8-19	22	44	18
0250-05-04	5/16	7.9	05	1/4-19	19	47	16
0250-05-06	5/16	7.9	05	3/8-19	22	51	19
0250-06-04	3/8	9.5	06	1/4-19	19	50	16
0250-06-06	3/8	9.5	06	3/8-19	22	52	19
0250-06-08	3/8	9.5	06	1/2-14	27	55	21
0250-08-06	1/2	12.7	08	3/8-19	22	63	22
0250-08-08	1/2	12.7	08	1/2-14	27	65	24
0250-10-10	5/8	15.9	10	5/8-14	30	68	23
0250-10-12	5/8	15.9	10	3/4-14	32	72	27
0250-12-12	3/4	19	12	3/4-14	32	86	30
0250-12-16	3/4	19	12	1-11	38	88	32
0250-16-16	1	25.4	16	1-11	38	107	35
Welded (*) 0250S16-20	1	25.4	16	1.1/4-11	50	70	33
(*) 0250-20-20	1.1/4	31.8	20	1.1/4-11	50	107	40
Welded (*) 0250S20-24	1.1/4	31.8	20	1.1/2-11	55	91	41
(*) 0250-24-24	1.1/2	38.1	24	1.1/2-11	55	117	47
(*) 0250-32-32	2	50.8	32	2-11	70	142	65

0252

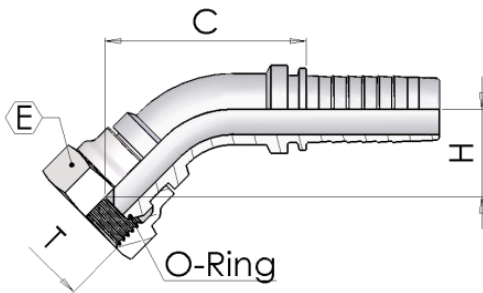
BSP 45° Swept Elbow 60° Cone -Slip on nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0252-04-04	1/4	6.4	04	1/4-19	17	41	15
0252-06-06	3/8	9.5	06	3/8-19	19	49	15
0252-08-08	1/2	12.7	08	1/2-14	27	61	19

0241

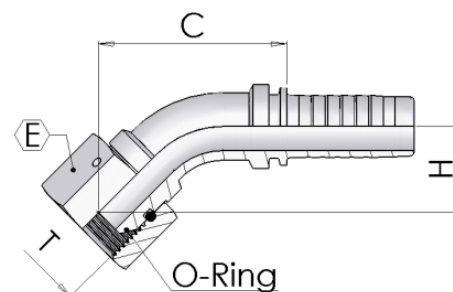
BSP O'Ring 45° Swept Elbow 60° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0241-04-04	1/4	6.4	04	1/4-19	19	41	15
0241-06-06	3/8	9.5	06	3/8-19	22	52	21
0241-08-08	1/2	12.7	08	1/2-14	27	63	22
0241-10-10	5/8	15.9	10	5/8-14	30	68	23
0241-12-12	3/4	19	12	3/4-14	32	88	28
0241-16-16	1	25.4	16	1-11	38	83	32

0240

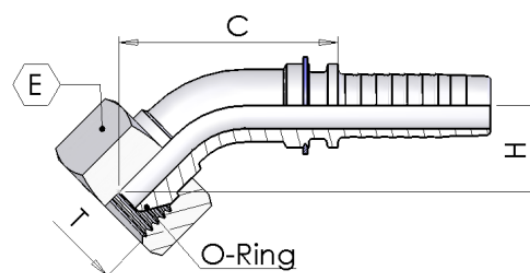
BSP O'Ring 45° Swept Elbow 60° Cone - Thrust Wire Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0240-10-10	5/8	15.9	10	5/8-14	30	68	23
0240-12-12	3/4	19	12	3/4-14	32	88	28
0240-16-16	1	25.4	16	1-11	38	83	32

0242

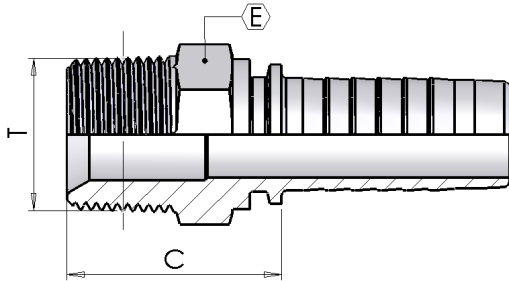
BSP O'Ring 45° Swept Elbow 60° Cone - Slip on nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0242-04-04	1/4	6.4	04	1/4-19	17	41	15
0242-06-06	3/8	9.5	06	3/8-19	19	49	15
0242-08-08	1/2	12.7	08	1/2-14	27	61	19

0360

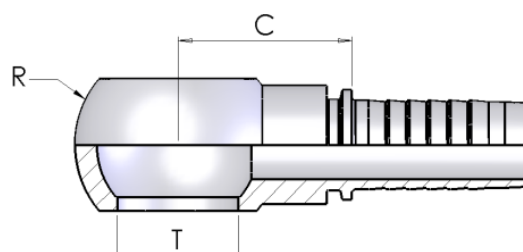
BSP Taper Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0360-03-02	3/16	4.8	03	1/8-28	12	21
0360-03-04	3/16	4.8	03	1/4-19	15	27
0360-04-02	1/4	6.4	04	1/8-28	12	22
0360-04-04	1/4	6.4	04	1/4-19	15	28
0360-04-06	1/4	6.4	04	3/8-19	19	28
0360-05-04	5/16	7.9	05	1/4-19	15	28
0360-05-06	5/16	7.9	05	3/8-19	19	28
0360-06-04	3/8	9.5	06	1/4-19	17	28
0360-06-06	3/8	9.5	06	3/8-19	19	28
0360-06-08	3/8	9.5	06	1/2-14	22	33
0360-08-06	1/2	12.7	08	3/8-19	19	29
0360-08-08	1/2	12.7	08	1/2-14	22	34
0360-08-12	1/2	12.7	08	3/4-14	27	36
0360-10-08	5/8	15.9	10	1/2-14	22	34
0360-10-10	5/8	15.9	10	5/8-14	24	35
0360-10-12	5/8	15.9	10	3/4-14	27	36
0360-12-12	3/4	19	12	3/4-14	27	37
0360-12-16	3/4	19	12	1-11	36	43
0360-16-16	1	25.4	16	1-11	36	44
0360-16-20	1	25.4	16	1.1/4-11	46	46
0360-20-20	1.1/4	31.8	20	1.1/4-11	46	47
0360-20-24	1.1/4	31.8	20	1.1/2-11	50	49
0360-24-24	1.1/2	38.1	24	1.1/2-11	50	49
0360-24-32	1.1/2	38.1	24	2-11	65	55
0360-32-32	2	50.8	32	2-11	65	55

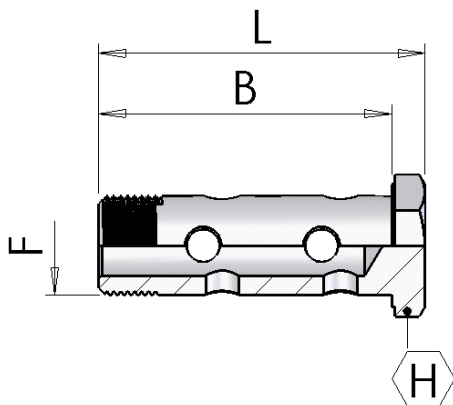
1400

BSP Banjo



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Hole T	mm	Cut-Off C	R
1400-03-02	3/16	4.8	03	1/8-28	10.2	19	17
1400-03-04	3/16	4.8	03	1/4-19	13.3	26	24
1400-04-02	1/4	6.4	04	1/8-28	10.2	25	17
1400-04-04	1/4	6.4	04	1/4-19	13.3	26	24
1400-04-06	1/4	6.4	04	3/8-19	17	26	28
1400-05-04	5/16	7.9	05	1/4-19	13.3	26	24
1400-05-06	5/16	7.9	05	3/8-19	17	26	28
1400-06-04	3/8	9.5	06	1/4-19	13.3	26	24
1400-06-06	3/8	9.5	06	3/8-19	17	26	28
1400-06-08	3/8	9.5	06	1/2-14	21.2	31	36
1400-08-06	1/2	12.7	08	3/8-19	17	27	28
1400-08-08	1/2	12.7	08	1/2-14	21.2	31	36
1400-08-10	1/2	12.7	08	5/8-14	23.1	29	38
1400-08-12	1/2	12.7	08	3/4-14	26.5	38	45
1400-10-10	5/8	15.9	10	5/8-14	23.1	29	39
1400-10-12	5/8	15.9	10	3/4-14	26.5	38	45
1400-12-12	3/4	19	12	3/4-14	26.5	38	45
1400-12-16	3/4	19	12	1-11	33.5	49	58
1400-16-16	1	25.4	16	1-11	33.5	50	58

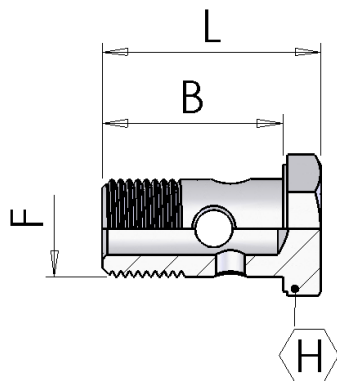
1600



Double BSP Perforated Bolt

Part number	Dimensions			
	B	F	H	L
1600-04-04	43	1/4-19	19	49
1600-06-06	49	3/8-19	22	57
1600-08-08	62	1/2-14	27	70
1600-12-12	78	3/4-14	32	87
1600-16-16	98	1-11	41	109

1600-00

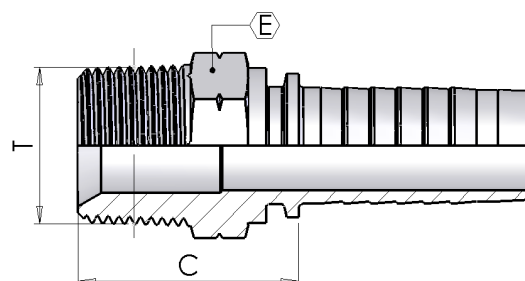


BSP Perforated Bolt

Part number	Dimensions			
	B	F	H	L
1600-00-02	19	1/8-28	14	24
1600-00-04	29	1/4-19	19	34
1600-00-06	33	3/8-19	22	41
1600-00-08	38	1/2-14	27	46
1600-00-10	44	5/8-14	30	54
1600-00-12	47	3/4-14	32	56
1600-00-16	58	1-11	41	69

0370

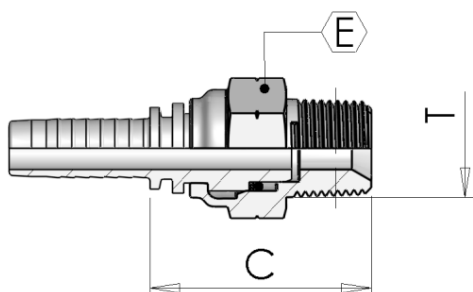
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0370-03-02	3/16	4.8	03	1/8-27	12	22
0370-03-04	3/16	4.8	03	1/4-18	15	27
0370-04-02	1/4	6.4	04	1/8-27	12	22
0370-04-04	1/4	6.4	04	1/4-18	15	28
0370-04-06	1/4	6.4	04	3/8-18	19	28
0370-05-04	5/16	7.9	05	1/4-18	15	28
0370-05-06	5/16	7.9	05	3/8-18	19	28
0370-05-08	5/16	7.9	05	1/2-14	22	34
0370-06-04	3/8	9.5	06	1/4-18	17	28
0370-06-06	3/8	9.5	06	3/8-18	19	28
0370-06-08	3/8	9.5	06	1/2-14	22	34
0370-08-06	1/2	12.7	08	3/8-18	19	29
0370-08-08	1/2	12.7	08	1/2-14	22	35
0370-08-12	1/2	12.7	08	3/4-14	27	36
0370-10-08	5/8	15.9	10	1/2-14	24	35
0370-10-12	5/8	15.9	10	3/4-14	27	36
0370-12-08	3/4	19	12	1/2-14	24	36
0370-12-12	3/4	19	12	3/4-14	27	37
0370-12-16	3/4	19	12	1-11.1/2	36	43
0370-16-16	1	25.4	16	1-11.1/2	36	44
0370-16-20	1	25.4	16	1.1/4-11.1/2	46	46
0370-20-16	1.1/4	31.8	20	1-11.1/2	41	45
0370-20-20	1.1/4	31.8	20	1.1/4-11.1/2	46	47
0370-24-24	1.1/2	38.1	24	1.1/2-11.1/2	50	49
0370-32-32	2	50.8	32	2-11.1/2	65	55
0370-40-40	2.1/2	63,5	40	2.1/2-8	80	55
0370-48-48	3	76,2	48	3-8	90	58

037G

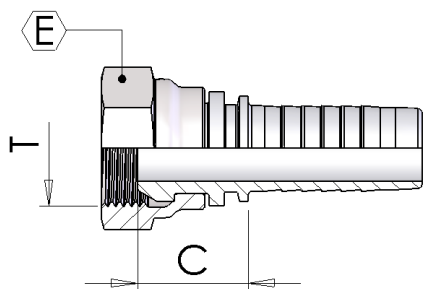
NPTF Male Parallel 60° Cone -Rotating



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
037G-04-04	1/4	6.4	04	1/4-18	19	39
037G-06-06	3/8	9.5	06	3/8-18	22	43
037G-08-08	1/2	12.7	08	1/2-14	27	49
037G-12-12	3/4	19	12	3/4-14	32	52

N051

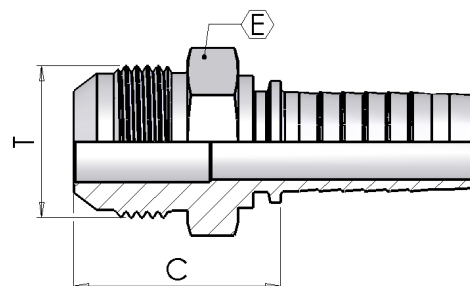
NPSM Female 60° Cone Rolled Nut



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
N051-03-04	3/16	4.8	03	1/4-18	19	17
N051-04-04	1/4	6.4	04	1/4-18	19	17
N051-06-06	3/8	9.5	06	3/8-18	22	19
N051-08-08	1/2	12.7	08	1/2-14	27	23

0850

JIC Male 74° Cone

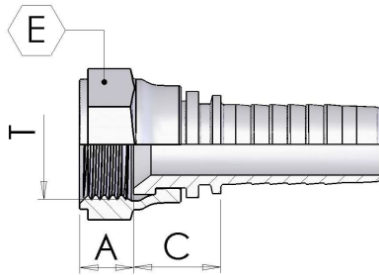


* SAE 45°

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0850-03-04	3/16	4.8	03	7/16-20	12	26
0850-04-04	1/4	6.4	04	7/16-20	12	27
0850-04-05	1/4	6.4	04	1/2-20	14	27
0850-04-06	1/4	6.4	04	9/16-18	15	27
0850-05-05	5/16	7.9	05	1/2-20	14	27
0850-05-06	5/16	7.9	05	9/16-18	15	27
0850-05-08	5/16	7.9	05	3/4-16	19	30
0850-06-06	3/8	9.5	06	9/16-18	15	27
0850-06-07	3/8	9.5	06	5/8-18	17	30
0850-06-08	3/8	9.5	06	3/4-16	19	30
0850-06-10	3/8	9.5	06	7/8-14	24	34
0850-08-06	1/2	12.7	08	9/16-18	19	28
0850-08-08	1/2	12.7	08	3/4-16	19	31
0850-08-10	1/2	12.7	08	7/8-14	24	35
0850-08-12	1/2	12.7	08	1.1/16-12	27	37
0850-10-10	5/8	15.9	10	7/8-14	24	35
0850-10-12	5/8	15.9	10	1.1/16-12	27	37
0850-12-10	3/4	19	12	7/8-14	24	36
0850-12-12	3/4	19	12	1.1/16-12	27	38
0850-12-14	3/4	19	12	1.3/16-12	32	41
0850-12-16	3/4	19	12	1.5/16-12	34	42
0850-12-20	3/4	19	12	1.5/8-12	42	45
0850-16-12	1	25.4	16	1.1/16-12	27	39
0850-16-14	1	25.4	16	1.3/16-12	32	42
0850-16-16	1	25.4	16	1.5/16-12	34	43
0850-16-20	1	25.4	16	1.5/8-12	42	46
0850-20-20	1.1/4	31.8	20	1.5/8-12	42	47
0850-20-24	1.1/4	31.8	20	1.7/8-12	50	52
0850-24-24	1.1/2	38.1	24	1.7/8-12	50	52
0850-32-32	2	50.8	32	2.1/2-12	65	62

0901

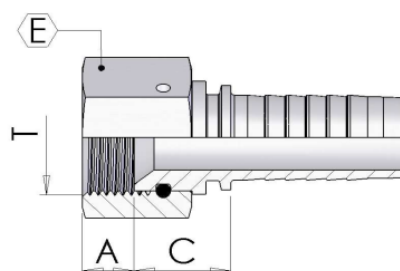
JIC Female 74° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	A
0901-03-04	3/16	4.8	03	7/16-20	15	14	8.5
0901-03-05	3/16	4.8	03	1/2-20	17	14	9.5
0901-04-04	1/4	6.4	04	7/16-20	15	14	8.5
0901-04-05	1/4	6.4	04	1/2-20	17	15	9.5
0901-04-06	1/4	6.4	04	9/16-18	19	16	9
*SAE 45° 0901-04-07	1/4	6.4	04	5/8-18	22	17	11
0901-05-05	5/16	7.9	05	1/2-20	17	17	9.5
0901-05-06	5/16	7.9	05	9/16-18	19	16	9
*SAE 45° 0901-05-07	5/16	7.9	05	5/8-18	22	17	11
0901-05-08	5/16	7.9	05	3/4-16	24	17	10.5
0901-06-04	3/8	9.5	06	7/16-20	15	15	9
0901-06-05	3/8	9.5	06	1/2-20	17	15	9.5
0901-06-06	3/8	9.5	06	9/16-18	19	16	9
*SAE 45° 0901-06-07	3/8	9.5	06	5/8-18	22	16	11
0901-06-08	3/8	9.5	06	3/4-16	24	17	10.5
0901-06-10	3/8	9.5	06	7/8-14	27	21	13
0901-08-08	1/2	12.7	08	3/4-16	24	18	10.5
0901-08-10	1/2	12.7	08	7/8-14	27	19	13
0901-08-12	1/2	12.7	08	1.1/16-12	32	24	13.5
0901-10-10	5/8	15.9	10	7/8-14	27	19	13
0901-10-12	5/8	15.9	10	1.1/16-12	32	21	13.5
0901-12-10	3/4	19	12	7/8-14	27	20	13
0901-12-12	3/4	19	12	1.1/16-12	32	22	13.5
0901-12-14	3/4	19	12	1.3/16-12	36	23	14
0901-12-16	3/4	19	12	1.5/16-12	38	23	15.5
0901-16-12	1	25.4	16	1.1/16-12	32	23	13.5
0901-16-16	1	25.4	16	1.5/16-12	38	24	15.5

0900

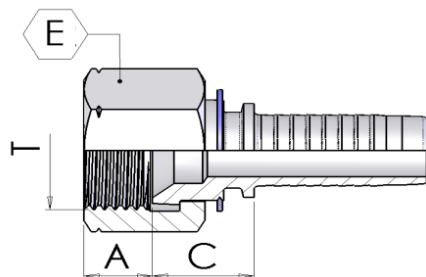
JIC Female 74° - Thrust Wire Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	A
0900-03-04	3/16	4.8	03	7/16-20	17	14	8.5
0900-04-04	1/4	6.4	04	7/16-20	17	14	8.5
0900-04-05	1/4	6.4	04	1/2-20	17	15	9.5
0900-04-06	1/4	6.4	04	9/16-18	19	16	9
0900-05-05	5/16	7.9	05	1/2-20	17	17	11
0900-05-06	5/16	7.9	05	9/16-18	19	16	9
0900-06-05	3/8	9.5	06	1/2-20	17	15	9.5
0900-06-06	3/8	9.5	06	9/16-18	19	16	9
0900-06-07	3/8	9.5	06	5/8-18	22	16	11
0900-06-08	3/8	9.5	06	3/4-16	24	17	10.5
0900-06-10	3/8	9.5	06	7/8-14	27	21	13
0900-08-08	1/2	12.7	08	3/4-16	24	18	10.5
0900-08-10	1/2	12.7	08	7/8-14	27	19	13
0900-08-12	1/2	12.7	08	1.1/16-12	32	21	13.5
0900-10-10	5/8	15.9	10	7/8-14	27	19	13
0900-10-12	5/8	15.9	10	1.1/16-12	32	21	13.5
0900-12-10	3/4	19	12	7/8-14	27	20	13
0900-12-12	3/4	19	12	1.1/16-12	32	22	13.5
0900-12-14	3/4	19	12	1.3/16-12	36	23	14
0900-12-16	3/4	19	12	1.5/16-12	41	23	15.5
0900-16-12	1	25.4	16	1.1/16-12	32	23	13.5
0900-16-14	1	25.4	16	1.3/16-12	36	24	14
0900-16-16	1	25.4	16	1.5/16-12	41	24	15.5
0900-16-20	1	25.4	16	1.5/8-12	50	27	16.5
0900-20-20	1.1/4	31.8	20	1.5/8-12	50	28	16.5
0900-20-24	1.1/4	31.8	20	1.7/8-12	55	31	19
0900-24-24	1.1/2	38.1	24	1.7/8-12	55	31	19
0900-32-32	2	50.8	32	2.1/2-12	70	31	20

0902

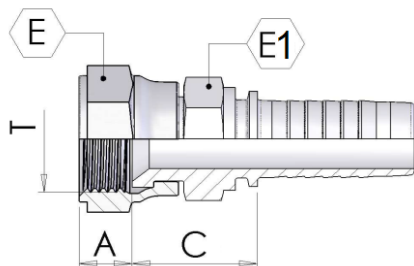
JIC Female 74° - Slip on nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	A
0902-04-05	1/4	6.4	04	1/2-20	17	17	9.5
0902-04-06	1/4	6.4	04	9/16-18	19	17	9
0902-05-06	5/16	7.9	05	9/16-18	19	16	9
0902-06-08	3/8	9.5	06	3/4-16	22	18	10.5
0902-08-10	1/2	12.7	08	7/8-14	27	20	13
0902-10-12	5/8	15.9	10	1.1/16-12	32	20	13.5
0902-12-16	3/4	19	12	1.5/16-12	38	21	15.5

0901D

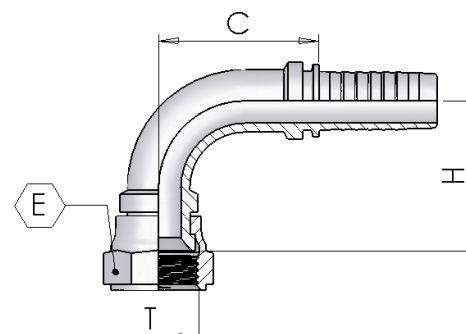
JIC Female 74° Cone- Double Hexagon



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	A	C	E1
0901D04-04	1/4	6.4	04	7/16-20	15	8.5	20	12
0901D04-05	1/4	6.4	04	1/2-20	17	9.5	20	14
0901D04-06	1/4	6.4	04	9/16-18	19	9	22	14
0901D05-06	5/16	7.9	05	9/16-18	19	9	22	15
0901D06-06	3/8	9.5	06	9/16-18	19	9	24	17
0901D06-08	3/8	9.5	06	3/4-16	24	10.5	26	19
0901D08-08	1/2	12.7	08	3/4-16	24	10.5	26	22
0901D08-10	1/2	12.7	08	7/8-14	27	13	27	22
0901D10-10	5/8	15.9	10	7/8-14	27	13	26	22
0901D10-12	5/8	15.9	10	1.1/16-12	32	13.5	27	27
0901D12-12	3/4	19	12	1.1/16-12	32	13.5	32	27
0901D16-16	1	25.4	16	1.5/16-12	38	15.5	33	36

0951

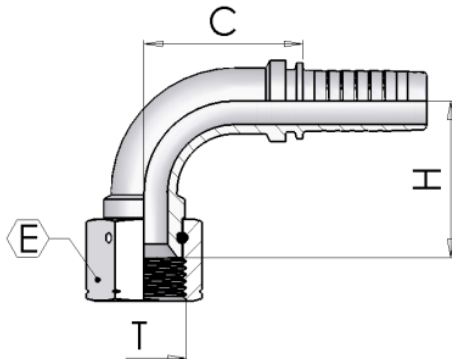
JIC 90° Swept Elbow 74° Cone-Rolled Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0951-03-04	3/16	4.8	03	7/16-20	15	22	22
0951-03-05	3/16	4.8	03	1/2-20	17	22	22
0951-04-04	1/4	6.4	04	7/16-20	15	25	24
0951-04-05	1/4	6.4	04	1/2-20	17	25	25
0951-04-06	1/4	6.4	04	9/16-18	19	25	27
0951-05-05	5/16	7.9	05	1/2-20	17	29	30
0951-05-06	5/16	7.9	05	9/16-18	19	29	31
0951-06-05	3/8	9.5	06	1/2-20	17	33	30
0951-06-06	3/8	9.5	06	9/16-18	19	31	32
*SAE 45° 0951-06-07	3/8	9.5	06	5/8-18	22	33	32
0951-06-08	3/8	9.5	06	3/4-16	24	33	34
0951-06-10	3/8	9.5	06	7/8-14	27	33	36
0951-08-08	1/2	12.7	08	3/4-16	24	41	41
0951-08-10	1/2	12.7	08	7/8-14	27	41	40
0951-08-12	1/2	12.7	08	1.1/16-12	32	39	43
0951-10-10	5/8	15.9	10	7/8-14	27	43	44
0951-10-12	5/8	15.9	10	1.1/16-12	32	45	47
Welded 0951-12-10	3/4	19	12	7/8-14	27	56	53
0951-12-12	3/4	19	12	1.1/16-12	32	56	54
0951-12-14	3/4	19	12	1.3/16-12	36	57	53
0951-12-16	3/4	19	12	1.5/16-12	38	55	56
0951-16-12	1	25.4	16	1.1/16-12	32	70	63
0951-16-16	1	25.4	16	1.5/16-12	38	70	65

0950

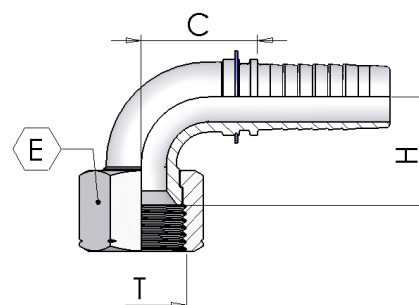
JIC 90° Swept Elbow 74° Cone - Thrust Wire Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0950-03-04	3/16	4.8	03	7/16-20	17	22	22
0950-04-04	1/4	6.4	04	7/16-20	17	25	24
0950-04-05	1/4	6.4	04	1/2-20	17	25	25
0950-04-06	1/4	6.4	04	9/16-18	19	25	27
0950-05-06	5/8	7.9	05	9/16-18	19	29	31
0950-05-08	5/8	7.9	05	3/4-16	24	29	41
0950-06-05	3/8	9.5	06	1/2-20	17	33	30
0950-06-06	3/8	9.5	06	9/16-18	19	31	32
0950-06-10	3/8	9.5	06	7/8-14	27	33	36
0950-08-08	1/2	12.7	08	3/4-16	24	41	41
0950-08-10	1/2	12.7	08	7/8-14	27	41	40
0950-08-12	1/2	12.7	08	1.1/16-12	32	39	43
0950-10-10	5/8	15.9	10	7/8-14	27	43	44
0950-10-12	5/8	15.9	10	1.1/16-12	32	45	47
Welded 0950-12-10	3/4	19	12	7/8-14	27	56	53
0950-12-12	3/4	19	12	1.1/16-12	32	56	54
0950-12-14	3/4	19	12	1.3/16-12	36	57	53
0950-12-16	3/4	19	12	1.5/16-12	41	55	56
0950-16-12	1	25.4	16	1.1/16-12	32	70	63
Welded 0950S16-14	1	25.4	16	1.3/16-12	36	62	69
0950-16-16	1	25.4	16	1.5/16-12	41	70	65
Welded 0950S16-20	1	25.4	16	1.5/8-12	50	62	69
0950-20-20	1.1/4	31.8	20	1.5/8-12	50	87	83
Welded 0950S20-24	1.1/4	31.8	24	1.7/8-12	55	81	88
0950-24-24	1.1/2	38.1	24	1.7/8-12	55	102	97
0950-32-32	2	50.8	32	2.1/2-12	70	121	134

0952

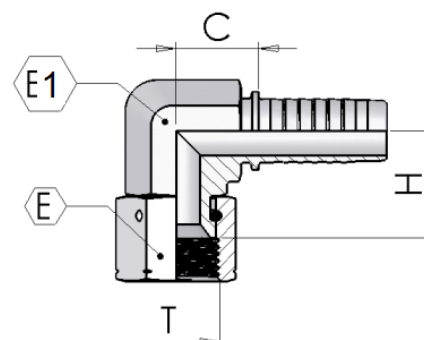
JIC 90° Swept Elbow 74° Cone - Slip on nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0952-04-05	1/4	6.4	04	1/2-20	17	27	21
0952-04-06	1/4	6.4	04	9/16-18	19	26	21
0952-05-06	5/8	7.9	05	9/16-18	19	25	32
0952-06-08	3/8	9.5	06	3/4-16	22	35	26
0952-08-10	1/2	12.7	08	7/8-14	27	40	32
0952-10-12	5/8	15.9	10	1.1/16-12	32	47	37
0952-12-12	3/4	19	12	1.1/16-12	32	58	45
0952-12-16	3/4	19	12	1.5/16-12	38	56	57

2970

JIC 90° Compact Elbow 74° Cone - Thrust Wire Nut

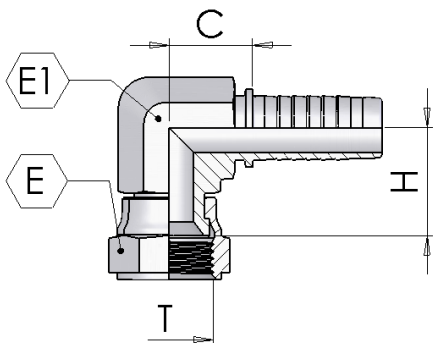


Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
2970-04-04	1/4	6.4	04	7/16-20	17	19	17	15
2970-04-05	1/4	6.4	04	1/2-20	17	19	18	15
2970-04-06	1/4	6.4	04	9/16-18	19	19	19	15
2970-05-06	5/16	7.9	05	9/16-18	19	20	20	17
2970-06-06	3/8	9.5	06	9/16-18	19	23	20	17
2970-06-07	3/8	9.5	06	5/8-18	22	23	21	17
2970-06-08	3/8	9.5	06	3/4-16	24	24	22	22
2970-08-08	1/2	12.7	08	3/4-16	24	26	23	22
2970-08-10	1/2	12.7	08	7/8-14	27	26	24	22
2970-12-12	3/4	19	12	1.1/16-12	32	32	29	27
2970-16-16	1	25.4	16	1.5/16-12	41	38	34	32

*SAE 45°

2971

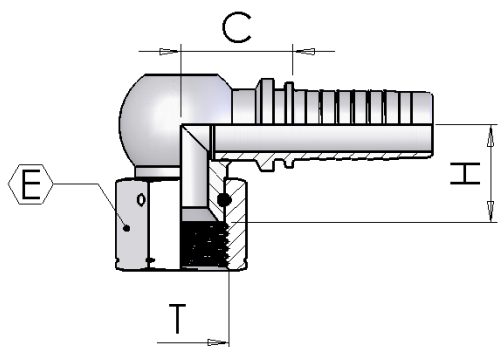
JIC 90° Compact Elbow 74° Cone-Crimped Nut



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
2971-04-04	1/4	6.4	04	7/16-20	15	19	17	15
2971-04-05	1/4	6.4	04	1/2-20	17	19	18	15
2971-04-06	1/4	6.4	04	9/16-18	19	19	19	15
2971-05-06	5/16	7.9	05	9/16-18	19	20	20	17
2971-06-06	3/8	9.5	06	9/16-18	19	23	20	17
2971-06-08	3/8	9.5	06	3/4-16	24	24	22	22

2950

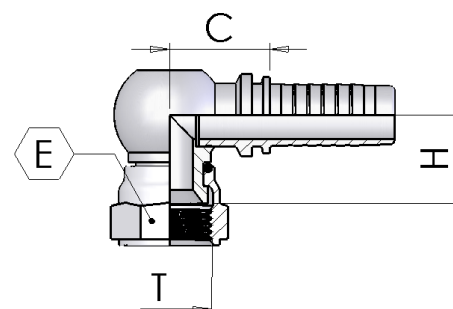
JIC 90° Compact Elbow 74° Cone-Thrust Wire Nut-Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
2950-10-10	5/8	15.9	10	7/8-14	27	28	26
2950-10-12	5/8	15.9	10	1.1/16-12	32	29	28

2951

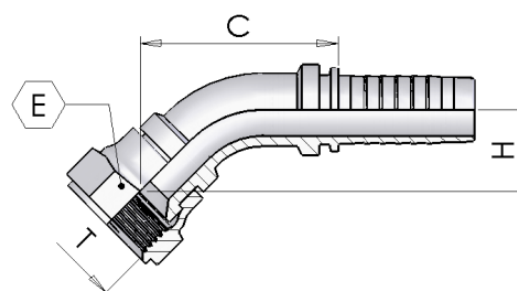
JIC 90° Compact Elbow 74° Cone- Rolled Nut - Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
2951-10-10	5/8	15.9	10	7/8-14	27	28	26
2951-10-12	5/8	15.9	10	1.1/16-12	32	29	28

1001

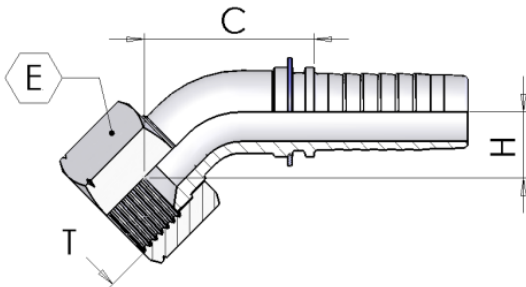
JIC 90° Swept Elbow 74° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
1001-03-04	3/16	4.8	03	7/16-20	15	33	15
1001-04-04	1/4	6.4	04	7/16-20	15	38	13
1001-04-05	1/4	6.4	04	1/2-20	17	40	14
1001-04-06	1/4	6.4	04	9/16-18	19	47	18
1001-05-05	5/16	7.9	05	1/2-20	17	16	17
1001-05-06	5/16	7.9	05	9/16-18	19	47	18
1001-06-05	3/8	9.5	06	1/2-20	17	51	17
1001-06-06	3/8	9.5	06	9/16-18	19	51	17
*SAE 45° 1001-06-07	3/8	9.5	06	5/8-18	22	51	17
1001-06-08	3/8	9.5	06	3/4-16	24	52	19
1001-06-10	3/8	9.5	06	7/8-14	27	54	21
1001-08-08	1/2	12.7	08	3/4-16	24	62	22
1001-08-10	1/2	12.7	08	7/8-14	27	64	23
1001-08-12	1/2	12.7	08	1.1/16-12	32	68	25
1001-10-10	5/8	15.9	10	7/8-14	27	68	24
1001-10-12	5/8	15.9	10	1.1/16-12	32	70	25
Welded 1001S12-10	3/4	19	12	7/8-14	27	83	27
1001-12-12	3/4	19	12	1.1/16-12	32	84	28
1001-12-14	3/4	19	12	1.3/16-12	36	84	29
1001-12-16	3/4	19	12	1.5/16-12	38	88	30
1001-16-16	1	25.4	16	1.5/16-12	38	104	33

1002

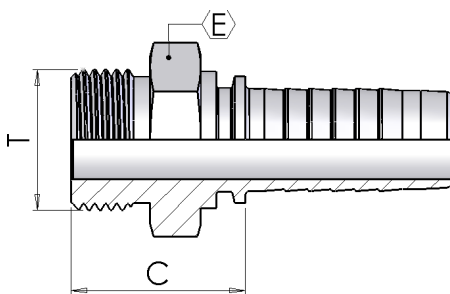
JIC 45° Swept Elbow 74° Cone - Slipe on nut



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
1002-04-05	1/4	6.4	04	1/2-20	17	38	11
1002-04-06	1/4	6.4	04	9/16-18	19	38	11
1002-05-06	5/16	7.9	05	9/16-18	19	49	20
1002-06-08	3/8	9.5	06	3/4-16	22	48	13
1002-08-10	1/2	12.7	08	7/8-14	27	58	16
1002-10-12	5/8	15.9	10	1.1/16-12	32	66	18
1002-12-12	3/4	19	12	1.1/16-12	32	81	21
1002-12-16	3/4	19	12	1.5/16-12	38	86	30

0385

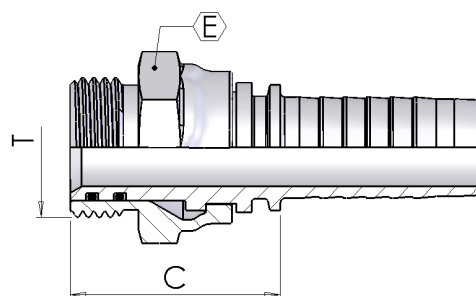
SAE Male O'R Flat Seat



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0385-04-04	1/4	6.4	04	7/16-20	14	24
0385-04-06	1/4	6.4	04	9/16-18	17	24
0385-05-06	5/16	7.9	05	9/16-18	17	24
0385-06-06	3/8	9.5	06	9/16-18	17	25
0385-06-08	3/8	9.5	06	3/4-16	22	28
0385-08-08	1/2	12.7	08	3/4-16	22	28
0385-08-10	1/2	12.7	08	7/8-14	27	30
0385-08-12	1/2	12.7	08	1.1/16-12	32	32
0385-10-10	5/8	15.9	10	7/8-14	27	30
0385-10-12	5/8	15.9	10	1.1/16-12	32	32
0385-12-12	3/4	19	12	1.1/16-12	32	33

0390

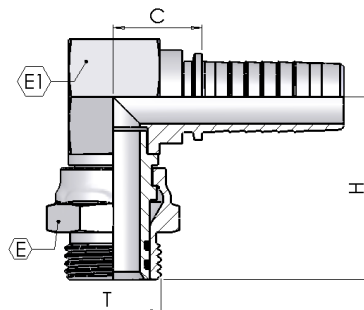
Swivel Male O'Ring



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0390-08-10	1/2	12.7	08	7/8-14	27	39
0390-10-10	5/8	15.9	10	7/8-14	27	39
0390-12-12	3/4	19	12	1.1/16-12	32	43

0395

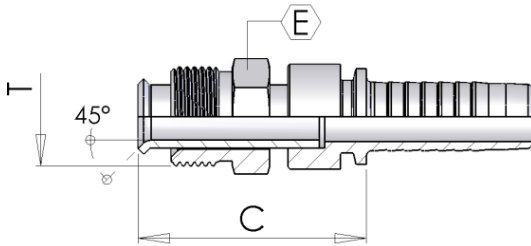
90° Swivel Male O'ring



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H	E1
0395-08-10	1/2	12.7	08	7/8-14	27	21	48	27
0395-10-10	5/8	15.9	10	7/8-14	27	21	48	27
0395-12-12	3/4	19	12	1.1/16-12	32	25	52	32

IF00

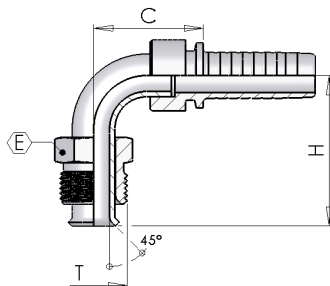
Straight Male Inverted Flare Swivel



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
IF00-04-04	1/4	6.4	04	7/16-24	12	38
IF00-04-05	1/4	6.4	04	1/2-20	14	55
IF00-05-04	5/8	7.9	05	7/16-24	12	56
IF00-05-05	5/8	7.9	05	1/2-20	14	56
IF00-05-07	5/8	7.9	05	5/8-18	17	56
IF00-06-04	3/8	9.5	06	7/16-24	12	56
IF00-06-05	3/8	9.5	06	1/2-20	14	56
IF00-06-07	3/8	9.5	06	5/8-18	17	57
IF00-06-09	3/8	9.5	06	11/16-18	19	42
IF00-08-08	1/2	12.7	08	3/4-18	19	60

IF90

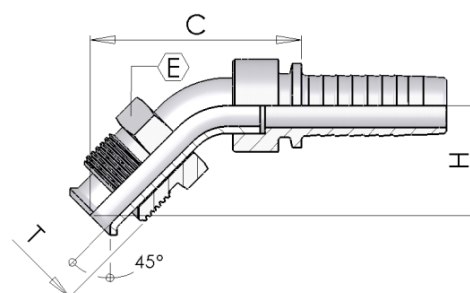
90° Male Inverted Flare Swivel



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
IF90-04-04	1/4	6.4	04	7/16-24	12	29	36
IF90-04-05	1/4	6.4	04	1/2-20	14	30	34
IF90-05-04	5/8	7.9	05	7/16-24	12	24	38
IF90-05-05	5/8	7.9	05	1/2-20	14	30	35
IF90-05-07	5/8	7.9	05	5/8-18	17	30	43
IF90-06-04	3/8	9.5	06	7/16-24	12	30	35
IF90-06-05	3/8	9.5	06	1/2-20	14	30	35
IF90-06-07	3/8	9.5	06	5/8-18	17	31	44
IF90-06-09	3/8	9.5	06	11/16-18	19	31	42
IF90-08-08	1/2	12.7	08	3/4-18	19	35	45

IF45

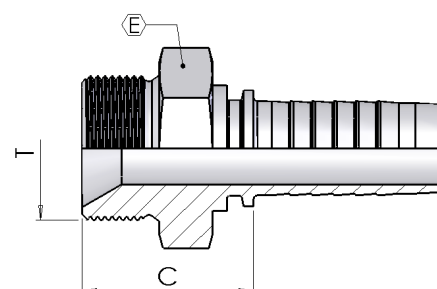
45° Male Inverted Flare Swivel



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
IF45-06-04	3/8	9.5	06	7/16-24	12	48	25
IF45-06-05	3/8	9.5	06	1/2-20	14	48	25
IF45-06-07	3/8	9.5	06	5/8-18	17	54	30
IF45-06-09	3/8	9.5	06	11/16-18	19	54	30

0400

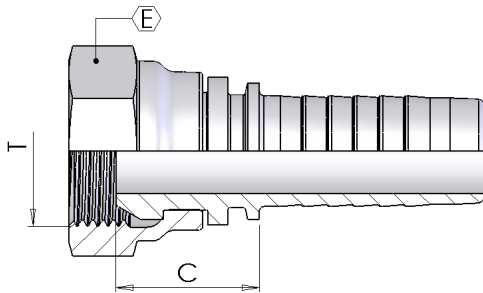
Metric Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0400-03-10	3/16	4.8	03	M10-1	14	19
0400-03-12	3/16	4.8	03	M12-1.5	17	25
0400-04-10	1/4	6.4	04	M10-1	14	20
0400-04-12	1/4	6.4	04	M12-1.5	17	26
0400-04-14	1/4	6.4	04	M14-1.5	19	26
0400-04-16	1/4	6.4	04	M16-1.5	22	26
0400-05-12	5/16	7.9	05	M12-1.5	17	26
0400-05-16	5/16	7.9	05	M16-1.5	22	26
0400-05-18	5/16	7.9	05	M18-1.5	24	26
0400-06-14	3/8	9.5	06	M14-1.5	19	26
0400-06-16	3/8	9.5	06	M16-1.5	22	26
0400-06-18	3/8	9.5	06	M18-1.5	24	27
0400-06-22	3/8	9.5	06	M22-1.5	27	27
0400-08-18	1/2	12.7	08	M18-1.5	24	28
0400-08-22	1/2	12.7	08	M22-1.5	27	30
0400-10-26	5/8	15.9	10	M26-1.5	32	32
0400-12-26	3/4	19	12	M26-1.5	32	33
0400-12-30	3/4	19	12	M30-1.5	36	36
0400-16-38	1	25.4	16	M38-1.5	46	37
0400-20-45	1.1/4	31.8	20	M45-1.5	55	39

0100

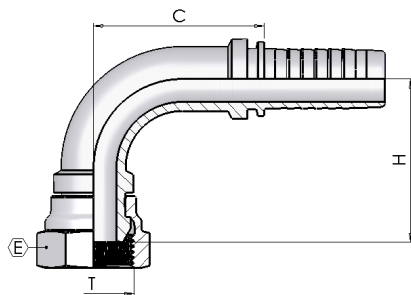
Metric Female 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0100-12-30	3/4	19	12	M30-1.5	36	23
0100-16-38	1	25.4	16	M38-1.5	46	33
0100-20-45	1.1/4	31.8	20	M45-1.5	50	34
0100-24-52	1.1/2	38	24	M52x1,5	60	35
0100-32-65	2	50.8	32	M65-2	75	31

0200

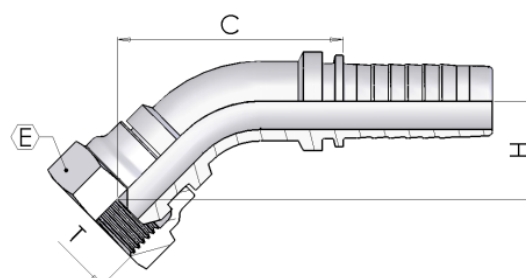
90° Metric Swept Elbow 60° Cone



	Part number	Hose I.D.		Dimensions				
		in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
Welded	0200S12-30	3/4	19	12	M30-1.5	36	48	57
Welded	0200S20-45	1.1/4	31.8	20	M45-1.5	50	63	71
	0200-16-38	1	25.4	16	M38-1.5	46	70	71

0300

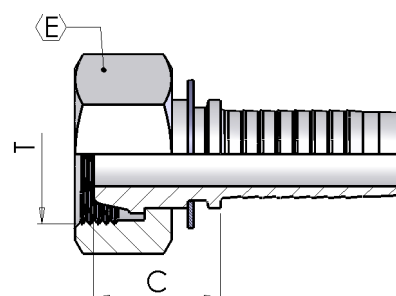
45° Metric Swept Elbow 60° Cone



	Part number	Hose I.D.		Dimensions				
		in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
Welded	0300S12-30	3/4	19	12	M30-1.5	36	57	27
Welded	0300S20-45	1.1/4	31.8	20	M45-1.5	50	73	27
	0300-16-38	1	25.4	16	M38-1.5	46	109	38

0035

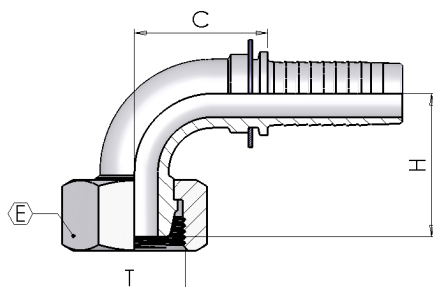
Metric Female 24° - Seat Light Multiseal



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0035-03-12	3/16	4.8	03	M12-1.5	6	14	19
0035-03-16	3/16	4.8	03	M16-1.5	10	19	18
0035-04-14	1/4	6.4	04	M14-1.5	8	17	19
0035-04-16	1/4	6.4	04	M16-1.5	10	19	19
0035-05-16	5/16	7.9	05	M16-1.5	10	19	19
0035-05-18	5/16	7.9	05	M18-1.5	12	22	21
0035-06-18	3/8	9.5	06	M18-1.5	12	22	23
0035-06-22	3/8	9.5	06	M22-1.5	15	27	22
0035-08-22	1/2	12.7	08	M22-1.5	15	27	22
0035-08-26	1/2	12.7	08	M26-1.5	18	32	24
0035-10-26	5/8	15.9	10	M26-1.5	18	32	24

0135

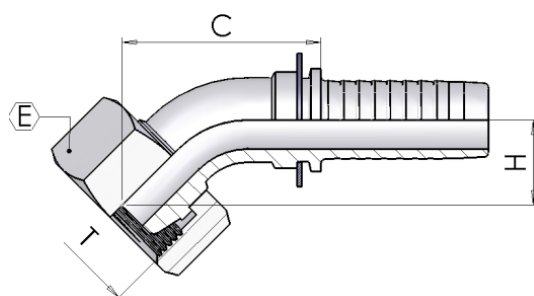
90° Metric Swept Elbow 24° - Seat Light Multiseal



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0135-04-14	1/4	6.4	04	M14-1.5	8	17	25	25
0135-04-16	1/4	6.4	04	M16-1.5	10	19	26	24
0135-05-16	5/16	7.9	05	M16-1.5	10	19	32	29
0135-05-18	5/16	7.9	05	M18-1.5	12	22	31	30
0135-06-18	3/8	9.5	06	M18-1.5	12	22	32	33
0135-06-22	3/8	9.5	06	M22-1.5	15	27	33	34
0135-08-22	1/2	12.7	08	M22-1.5	15	27	41	38
0135-10-26	5/8	15.9	10	M26-1.5	18	32	46	42

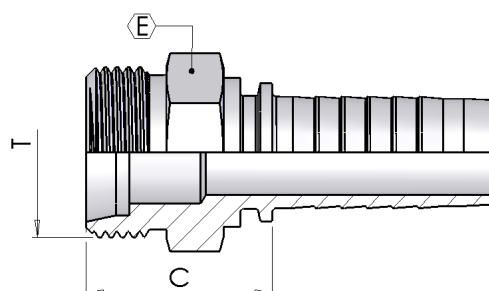
0235

45° Metric Swept Elbow 24° - Seat Light Multiseal



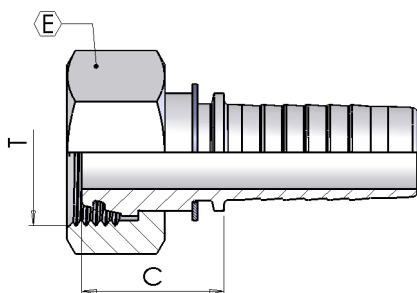
Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0235-04-12	1/4	6.4	04	M12-1.5	6	14	36	15
0235-04-14	1/4	6.4	04	M14-1.5	8	17	40	14
0235-04-16	1/4	6.4	04	M16-1.5	10	19	37	16
0235-05-16	5/16	7.9	05	M16-1.5	10	19	47	14
0235-05-18	5/16	7.9	05	M18-1.5	12	22	49	16
0235-06-18	3/8	9.5	06	M18-1.5	12	22	50	16
0235-08-22	1/2	12.7	08	M22-1.5	15	27	61	21

Metric Male 24° - Seat Light



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0500-03-12	3/16	4.8	03	M12-1.5	6	14	22
0500-04-12	1/4	6.4	04	M12-1.5	6	14	23
0500-04-14	1/4	6.4	04	M14-1.5	8	14	22
0500-04-16	1/4	6.4	04	M16-1.5	10	17	23
0500-04-18	1/4	6.4	04	M18-1.5	12	19	24
0500-05-14	5/16	7.9	05	M14-1.5	8	14	22
0500-05-16	5/16	7.9	05	M16-1.5	10	17	23
0500-05-18	5/16	7.9	05	M18-1.5	12	19	24
0500-05-22	5/16	7.9	05	M22-1.5	15	22	25
0500-06-16	3/8	9.5	06	M16-1.5	10	17	23
0500-06-18	3/8	9.5	06	M18-1.5	12	19	24
0500-06-22	3/8	9.5	06	M22-1.5	15	22	25
0500-08-18	1/2	12.7	08	M18-1.5	12	19	25
0500-08-22	1/2	12.7	08	M22-1.5	15	22	26
0500-08-26	1/2	12.7	08	M26-1.5	18	27	27
0500-10-22	5/8	15.9	10	M22-1.5	15	22	26
0500-10-26	5/8	15.9	10	M26-1.5	18	27	27
0500-10-30	5/8	15.9	10	M30-2	22	30	32
0500-12-26	3/4	19	12	M26-1.5	18	27	28
0500-12-30	3/4	19	12	M30-2	22	30	33
0500-16-36	1	25.4	16	M36-2	28	36	32
0500-20-45	1.1/4	31.8	20	M45-2	35	46	36
0500-24-52	1.1/2	38.1	24	M52-2	42	55	38

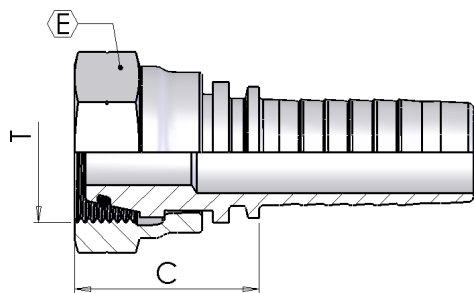
0085



Metric Female 24° - Seat Light

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0085-03-12	3/16	4.8	03	M12-1.5	6	14	23
0085-04-14	1/4	6.4	04	M14-1.5	8	17	24
0085-04-16	1/4	6.4	04	M16-1.5	10	19	24
0085-04-18	1/4	6.4	04	M18-1.5	12	22	25
0085-05-16	5/16	7.9	05	M16-1.5	10	19	24
0085-05-18	5/16	7.9	05	M18-1.5	12	22	25
0085-06-18	3/8	9.5	06	M18-1.5	12	22	25
0085-06-22	3/8	9.5	06	M22-1.5	15	27	29
0085-08-22	1/2	12.7	08	M22-1.5	15	27	29
0085-08-26	1/2	12.7	08	M26-1.5	18	32	29
0085-10-26	5/8	15.9	10	M26-1.5	18	32	29
0085-10-30	5/8	15.9	12	M30-2	22	36	29
0085-12-30	3/4	19	12	M30-2	22	36	29
0085-12-36	3/4	19	12	M36-2	28	41	28
0085-16-36	1	25.4	16	M36-2	28	41	30
0085-20-45	1.1/4	31.8	20	M45-2	35	50	40
0085-24-52	1.1/2	38.1	24	M52-2	42	60	41

0085

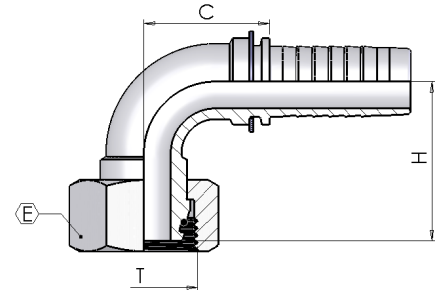


Metric Female 24° - Seat Light (Rolled Nut)

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0085-04-12	1/4	6.4	04	M12-1.5	6	14	25
0085-05-14	5/16	7.9	05	M14-1.5	8	19	26
0085-06-16	3/8	9.5	06	M16-1.5	10	19	25
0085-08-18	1/2	12.7	08	M18-1.5	12	24	28
0085-10-22	5/8	15.9	10	M22-1.5	15	27	32
0085-12-26	3/4	19	12	M26-1.5	18	32	36

0185

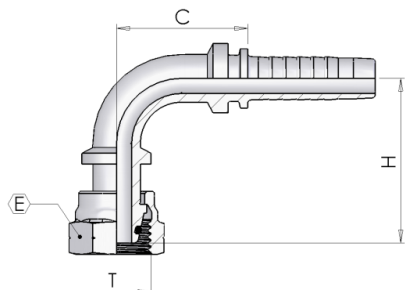
90° Metric Swept Elbow 24° - Seat Light



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0185-03-12	3/16	4.8	03	M12-1.5	6	14	22	23
0185-04-14	1/4	6.4	04	M14-1.5	8	17	26	26
0185-04-16	1/4	6.4	04	M16-1.5	10	19	25	27
0185-04-18	1/4	6.4	04	M18-1.5	12	22	27	30
0185-05-16	5/16	7.9	05	M16-1.5	10	19	31	31
0185-05-18	5/16	7.9	05	M18-1.5	12	22	31	32
0185-06-18	3/8	9.5	06	M18-1.5	12	22	32	35
0185-06-22	3/8	9.5	06	M22-1.5	15	27	32	35
0185-08-22	1/2	12.7	08	M22-1.5	15	27	41	38
Welded 0185-08-26	1/2	12.7	08	M26-1.5	18	32	41	39
0185-10-26	5/8	15.9	10	M26-1.5	18	32	44	44
Welded 0185S12-26	3/4	19	12	M26-1.5	18	32	42	44
0185-12-30	3/4	19	12	M30-2	22	36	58	52
Welded 0185S12-36	3/4	19	12	M36-2	28	41	49	51
0185-16-36	1	25.4	16	M36-2	28	41	72	62
Welded 0185S20-45	1.1/4	31.8	20	M45-2	35	50	63	73
Welded 0185S24-52	1.1/2	38.1	24	M52-2	42	60	81	83

0185

90° Metric Swept Elbow 24° - Seat Light (Rolled Nut)

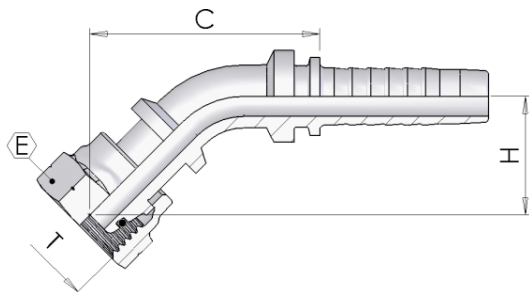


Welded

Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0185-04-12	1/4	6.4	04	M12-1.5	6	14	26	34
0185-05-14	5/16	7.9	05	M14-1.5	8	17	30	38
0185-06-16	3/8	9.5	06	M16-1.5	10	19	32	39
0185S08-18	1/2	12.7	08	M18-1.5	12	24	33	48
0185-10-22	5/8	15.9	08	M22-1.5	15	27	42	55

0285

45° Metric Swept Elbow 24° - Seat Light



Welded

Welded

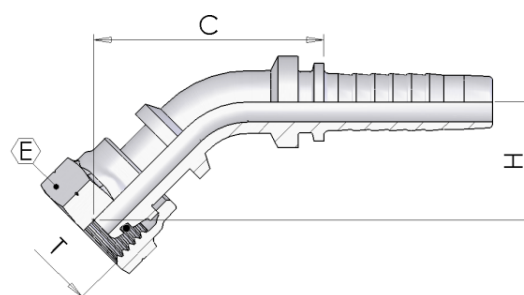
Welded

Welded

Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0285-03-12	3/16	4.8	03	M12-1.5	6	14	36	14
0285-04-14	1/4	6.4	04	M14-1.5	8	17	42	14
0285-04-16	1/4	6.4	04	M16-1.5	10	19	42	15
0285-04-18	1/4	6.4	04	M18-1.5	12	22	43	16
0285-05-16	5/16	7.9	05	M16-1.5	10	19	48	17
0285-05-18	5/16	7.9	05	M18-1.5	12	22	48	18
0285-06-18	3/8	9.5	06	M18-1.5	12	22	52	19
0285-06-22	3/8	9.5	06	M22-1.5	15	27	51	19
0285-08-22	1/2	12.7	08	M22-1.5	15	27	63	21
0285S08-26	1/2	12.7	08	M26-1.5	18	32	44	17
0285-10-26	5/8	15.9	10	M26-1.5	18	32	68	23
0285S12-26	3/4	19	12	M26-1.5	18	32	43	19
0285-12-30	3/4	19	12	M30-2	22	36	85	27
0285-16-36	1	25.4	16	M36-2	28	41	102	32
0285S20-45	1.1/4	31.8	20	M45-2	35	50	72	34
0285S24-52	1.1/2	38.1	24	M52-2	42	60	85	36

0285

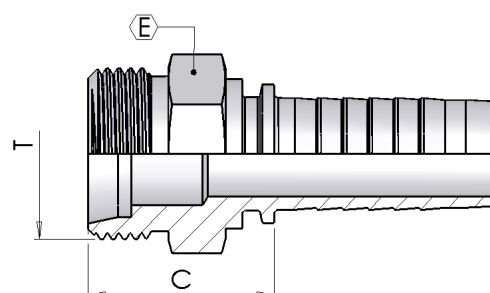
45° Metric Swept Elbow 24° Seat Light (Rolled Nut)



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0285-04-12	1/4	6.4	04	M12-1.5	6	14	46	20
0285-06-16	3/8	9.5	06	M16-1.5	10	19	55	22

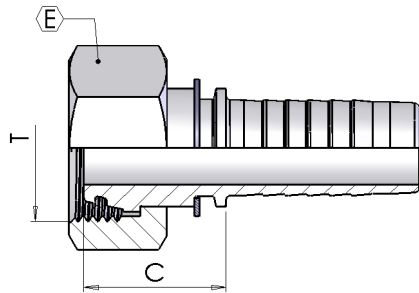
0450

Metric Male 24° -Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0450-03-16	3/16	4.8	03	M16-1.5	8	17	26
0450-04-14	1/4	6.4	04	M14-1.5	6	14	25
0450-04-16	1/4	6.4	04	M16-1.5	8	17	27
0450-04-18	1/4	6.4	04	M18-1.5	10	19	27
0450-05-18	5/16	7.9	05	M18-1.5	10	19	27
0450-05-20	5/16	7.9	05	M20-1.5	12	22	29
0450-06-18	3/8	9.5	06	M18-1.5	10	19	27
0450-06-20	3/8	9.5	06	M20-1.5	12	22	29
0450-06-22	3/8	9.5	06	M22-1.5	14	22	31
0450-06-24	3/8	9.5	06	M24-1.5	16	24	31
0450-08-24	1/2	12.7	08	M24-1.5	16	24	32
0450-10-30	5/8	15.9	10	M30-2	20	30	34
0450-12-30	3/4	19	12	M30-2	20	30	35
0450-12-36	3/4	19	12	M36-2	25	36	38
0450-16-36	1	25.4	16	M36-2	25	36	39
0450-16-42	1	25.4	16	M42-2	30	46	42
0450-20-42	1.1/4	31.8	20	M42-2	30	46	43
0450-20-52	1.1/4	31.8	20	M52-2	38	55	45
0450-24-52	1.1/2	38.1	24	M52-2	38	55	45

0084

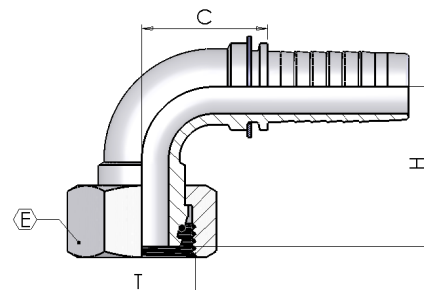


Metric Female 24° - Seat Heavy

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0084-03-16	3/16	4.8	03	M16-1.5	8	19	25
0084-04-14	1/4	6.4	04	M14-1.5	6	17	23
0084-04-16	1/4	6.4	04	M16-1.5	8	19	25
0084-04-18	1/4	6.4	04	M18-1.5	10	22	24
0084-05-18	5/16	7.9	05	M18-1.5	10	22	24
0084-05-20	5/16	7.9	05	M20-1.5	12	24	26
0084-06-18	3/8	9.5	06	M18-1.5	10	22	25
0084-06-20	3/8	9.5	06	M20-1.5	12	24	25
0084-06-22	3/8	9.5	06	M22-1.5	14	27	29
0084-08-22	1/2	12.7	08	M22-1.5	14	27	17
0084-08-24	1/2	12.7	08	M24-1.5	16	30	30
0084-08-30	1/2	12.7	08	M30-2	20	36	33
0084-10-30	5/8	15.9	10	M30-2	20	36	33
0084-12-30	3/4	19	12	M30-2	20	36	34
0084-12-36	3/4	19	12	M36-2	25	46	40
0084-16-36	1	25.4	16	M36-2	25	46	41
0084-16-42	1	25.4	16	M42-2	30	50	43
0084-20-52	1.1/4	31.8	20	M52-2	38	60	44
0084-24-52	1.1/2	38.1	24	M52-2	38	60	44

0184

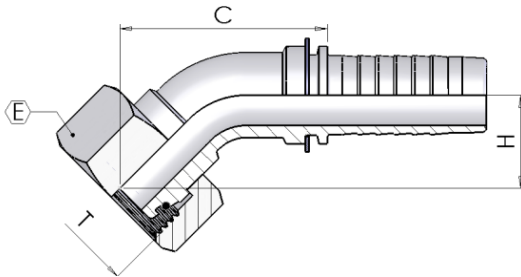
90° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0184-03-16	3/16	4.8	03	M16-1.5	8	19	22	25
0184-04-14	1/4	6.4	04	M14-1.5	6	17	27	26
0184-04-16	1/4	6.4	04	M16-1.5	8	19	26	26
0184-04-18	1/4	6.4	04	M18-1.5	10	22	27	31
0184-04-20	1/4	6.4	04	M20-1.5	12	24	27	30
0184-05-18	5/16	7.9	05	M18-1.5	10	22	33	33
0184-05-20	5/16	7.9	05	M20-1.5	12	24	30	34
0184-06-18	3/8	9.5	06	M18-1.5	10	22	34	35
0184-06-20	3/8	9.5	06	M20-1.5	12	24	34	34
0184-06-22	3/8	9.5	06	M22-1.5	14	27	33	33
0184-08-24	1/2	12.7	08	M24-1.5	16	30	40	41
0184-10-24	5/8	15.9	10	M24-1.5	16	30	42	60
0184-10-30	5/8	15.9	10	M30-2	20	36	46	50
0184-12-30	3/4	19	12	M30-2	20	36	58	56
0184-12-36	3/4	19	12	M36-2	25	46	56	59
0184-16-36	1	25.4	16	M36-2	25	46	69	67
0184-16-42	1	25.4	16	M42-2	30	50	69	67
0184-20-52	1.1/4	31.8	20	M52-2	38	60	84	82
0184-24-52	1.1/2	38.1	24	M52-2	38	60	99	94

0284

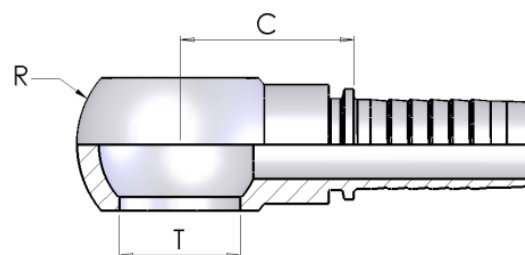
45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0284-03-16	3/16	4.8	03	M16-1.5	8	19	36	16
0284-04-14	1/4	6.4	04	M14-1.5	6	17	37	15
0284-04-16	1/4	6.4	04	M16-1.5	8	19	42	15
0284-04-18	1/4	6.4	04	M18-1.5	10	22	45	18
0284-05-20	5/16	7.9	05	M20-1.5	12	24	49	19
0284-06-18	3/8	9.5	06	M18-1.5	10	22	51	19
0284-06-20	3/8	9.5	06	M20-1.5	12	24	53	18
0284-06-22	3/8	9.5	06	M22-1.5	14	27	54	20
0284-08-24	1/2	12.7	08	M24-1.5	16	30	63	21
0284-10-30	5/8	15.9	10	M30-2	20	36	74	29
0284-12-30	3/4	19	12	M30-2	20	36	87	30
0284-12-36	3/4	19	12	M36-2	25	46	56	31
0284-16-36	1	25.4	16	M36-2	25	46	105	34
0284-16-42	1	25.4	16	M42-2	30	50	82	33
0284-20-52	1.1/4	31.8	20	M52-2	38	60	105	39
0284-24-52	1.1/2	38.1	24	M52-2	38	60	157	52

1350

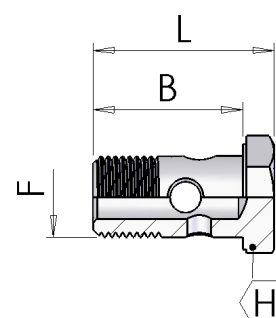
Metric Banjo



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Hole T	mm	Cut-Off C	R
1350-03-10	3/16	4.8	03	M10-1	10.2	25	17
1350-03-12	3/16	4.8	03	M12-1.5	12.2	21	20
1350-04-10	1/4	6.4	04	M10-1	10.2	25	17
1350-04-12	1/4	6.4	04	M12-1.5	12.2	22	20
1350-04-14	1/4	6.4	04	M14-1.5	14.2	25	24
1350-05-14	5/16	7.9	05	M14-1.5	14.2	25	24
1350-05-16	5/16	7.9	05	M16-1.5	16.2	31	28
1350-05-18	5/16	7.9	05	M18-1.5	18.2	29	32
1350-06-14	3/8	9.5	06	M14-1.5	14.2	25	24
1350-06-16	3/8	9.5	06	M16-1.5	16.2	31	28
1350-06-18	3/8	9.5	06	M18-1.5	18.2	29	32
1350-06-22	3/8	9.5	06	M22-1.5	22.2	31	36
1350-08-16	1/2	12.7	08	M16-1.5	16.2	30	28
1350-08-18	1/2	12.7	08	M18-1.5	18.2	29	32
1350-08-22	1/2	12.7	08	M22-1.5	22.2	31	36
1350-10-22	5/8	15.9	10	M22-1.5	22.2	31	36
1350-10-26	5/8	15.9	10	M26-1.5	26.2	38	45
1350-12-22	3/4	19	12	M22-1.5	22.2	32	36

1650

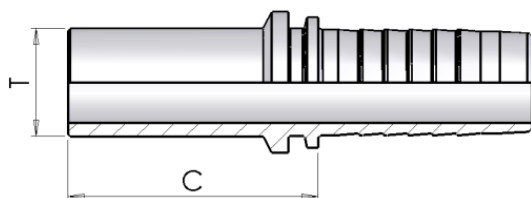
Metric Perfored Bolt



Part number	Dimensions			
	B	F	H	L
1650-00-10	19	M10-1	14	24
1650-00-12	26	M12-1.5	17	31
1650-00-14	29	M14-1.5	19	34
1650-00-16	33	M16-1.5	22	41
1650-00-18	37	M18-1.5	24	44
1650-00-20	38	M20-1.5	27	46
1650-00-22	38	M22-1.5	27	46
1650-00-26	47	M26-1.5	32	56
1650-00-30	58	M30-1.5	36	68

0550

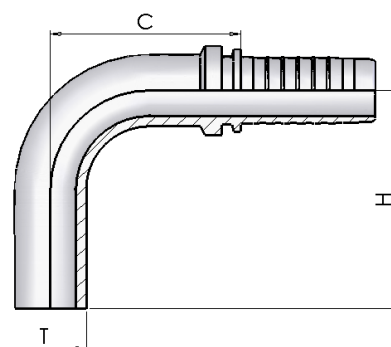
Metric Standpipe



Part number	Hose I.D.		Dimensions			
	in	mm	Type	Dash size	Pipe T	Cut-Off C
0550-03-06	3/16	4.8	L/S	03	6	30
0550-03-08	3/16	4.8	L/S	03	8	29
0550-04-06	1/4	6.4	L/S	04	6	32
0550-04-08	1/4	6.4	L/S	04	8	30
0550-04-10	1/4	6.4	L/S	04	10	33
0550-04-12	1/4	6.4	L/S	04	12	30
0550-05-08	5/16	7.9	L/S	05	08	31
0550-05-10	5/16	7.9	L/S	05	10	31
0550-05-12	5/16	7.9	L/S	05	12	33
0550-06-08	3/8	9.5	L/S	06	08	33
0550-06-10	3/8	9.5	L/S	06	10	33
0550-06-12	3/8	9.5	L/S	06	12	32
0550-06-14	3/8	9.5	S	06	14	37
0550-06-15	3/8	9.5	L	06	15	32
0550-08-12	1/2	12.7	L/S	08	12	36
0550-08-14	1/2	12.7	S	08	14	39
0550-08-15	1/2	12.7	L	08	15	34
0550-08-16	1/2	12.7	S	08	16	39
0550-08-18	1/2	12.7	L	08	18	35
0550-08-20	1/2	12.7	S	08	20	45
0550-10-18	5/8	15.9	L	10	18	35
0550-10-20	5/8	15.9	S	10	20	45
0550-10-22	5/8	15.9	L	10	22	33
0550-12-18	3/4	19	L	12	18	37
0550-12-20	3/4	19	S	12	20	46
0550-12-22	3/4	19	L	12	22	38
0550-12-25	3/4	19	S	12	25	49
0550-12-28	3/4	19	L	12	28	40
0550-16-25	1	25.4	S	16	25	51
0550-16-28	1	25.4	L	16	28	41
0550-16-30	1	25.4	S	16	30	54
0550-16-38	1	25.4	S	16	38	60
0550-20-30	1.1/4	31.8	S	20	30	58
0550-20-35	1.1/4	31.8	L	20	35	48
0550-20-38	1.1/4	31.8	S	20	38	62
0550-24-38	1.1/2	38.1	S	24	38	63
0550-24-42	1.1/2	38.1	L	24	42	50

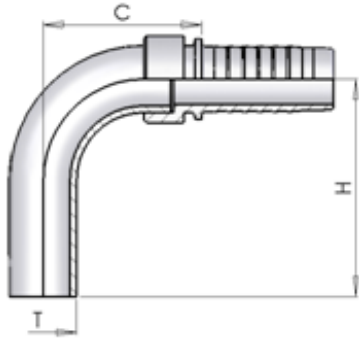
0650

90° Metric Standpipe



Part number	Hose I.D.		Dimensions				
	in	mm	Type	Dash size	Pipe T	Cut-Off C	H
0650-03-06	3/16	4.8	L/S	03	6	20	32
0650-04-06	1/4	6.4	L/S	04	6	23	32
0650-04-08	1/4	6.4	L/S	04	8	25	34
0650-04-10	1/4	6.4	L/S	04	10	25	43
0650-05-10	5/16	7.9	L/S	05	10	29	40
0650-05-12	5/16	7.9	L/S	05	12	29	45
0650-06-10	3/8	9.5	L/S	06	10	27	40
0650-06-12	3/8	9.5	L/S	06	12	30	44

0650S

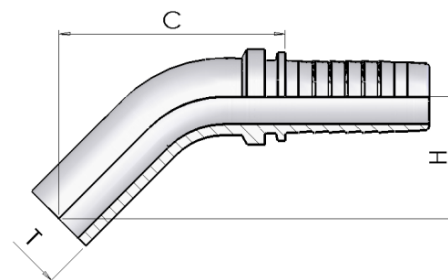


90° Metric Standpipe (Welded)

Part number	Hose I.D.		Dimensions				
	in	mm	Type	Dash size	Pipe T	Cut-Off C	H
0650S06-15	3/8	9.5	L	06	15	39	52
0650S03-08	3/16	4.8	L/S	03	8	25	41
0650S04-12	1/4	6.4	L/S	04	12	35	44
0650S05-08	5/16	7.9	L/S	05	8	27	41
0650S06-14	3/8	9.5	S	06	14	36	46
0650S08-12	1/2	12.7	L/S	08	12	33	44
0650S08-14	1/2	12.7	S	08	14	36	46
0650S08-15	1/2	12.7	L	08	15	39	52
0650S08-16	1/2	12.7	S	08	16	42	56
0650S08-18	1/2	12.7	L	08	18	42	56
0650S10-18	5/8	15.9	L	10	18	42	56
0650S10-20	5/8	15.9	S	10	20	48	65
0650S10-22	5/8	15.9	L	10	22	51	71
0650S12-20	3/4	19	S	12	20	48	65
0650S12-22	3/4	19	L	12	22	51	71
0650S12-25	3/4	19	S	12	25	57	75
0650S16-25	1	25.4	S	16	25	57	75
0650S16-28	1	25.4	L	16	28	60	89
0650S16-30	1	25.4	S	16	30	65	89
0650S20-30	1.1/4	31.8	S	20	30	66	89
0650S20-35	1.1/4	31.8	L	20	35	76	98
0650S20-38	1.1/4	31.8	S	20	38	83	102
0650S24-38	1.1/2	38.1	S	24	38	82	102
0650S24-42	1.1/2	38.1	L	24	42	106	125

0750

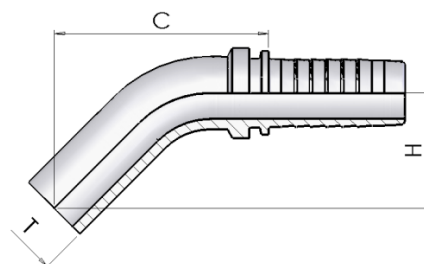
45° Metric Standpipe



Part number	Hose I.D.		Dimensions				
	in	mm	Type	Dash size	Pipe T	Cut-Off C	H
0750-04-06	1/4	6.4	L/S	04	6	41	24
0750-04-08	1/4	6.4	L/S	04	8	43	25
0750-04-10	1/4	6.4	L/S	04	10	47	30
0750-05-10	5/16	7.9	L/S	05	10	49	30
0750-05-12	5/16	7.9	L/S	05	12	53	32
0750-06-12	3/8	9.5	L/S	06	12	52	33

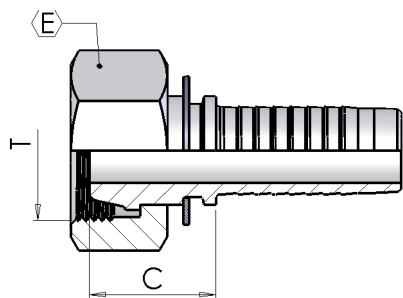
0750S

45° Metric Standpipe (Welded)



Part number	Hose I.D.		Dimensions				
	in	mm	Type	Dash size	Pipe T	Cut-Off C	H
0750S03-08	3/16	4.8	L/S	03	8	41	23
0750S04-12	1/4	6.4	L/S	04	12	54	29
0750S06-14	3/8	9.5	S	06	14	50	27
0750S06-15	3/8	9.5	L	06	15	54	29
0750S08-14	1/2	12.7	S	08	14	50	27
0750S08-15	1/2	12.7	L	08	15	55	29
0750S08-16	1/2	12.7	S	08	16	54	27
0750S08-18	1/2	12.7	L	08	18	56	29
0750S10-18	5/8	15.9	L	10	18	56	29
0750S10-20	5/8	15.9	S	10	20	56	34
0750S10-22	5/8	15.9	L	10	22	66	35
0750S12-20	3/4	19	S	12	20	63	34
0750S12-22	3/4	19	L	12	22	65	35
0750S12-25	3/4	19	S	12	25	76	41
0750S16-25	1	25.4	S	16	25	76	41
0750S16-28	1	25.4	L	16	28	84	49
0750S16-30	1	25.4	S	16	30	86	44
0750S20-30	1.1/4	31.8	S	20	30	88	44
0750S20-35	1.1/4	31.8	L	20	35	94	47
0750S20-38	1.1/4	31.8	S	20	38	101	50
0750S24-38	1.1/2	38.1	S	24	38	100	50
0750S24-42	1.1/2	38.1	L	24	42	114	55

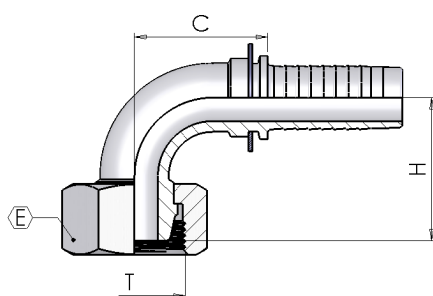
0030



Metric Female 24° Cone French Type

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0030-05-20	5/16	7.9	05	M20-1.5	24	25
0030-06-20	3/8	9.5	06	M20-1.5	24	26
0030-08-24	1/2	12.7	08	M24-1.5	30	28
0030-10-30	5/8	15.9	10	M30-1.5	36	25
0030-12-30	3/4	19	12	M30-1.5	36	26
0030-12-36	3/4	19	12	M36-1.5	46	29
0030-16-45	1	25.4	16	M45-1.5	55	30
0030-20-52	1.1/4	31.8	20	M52-1.5	65	34

0130

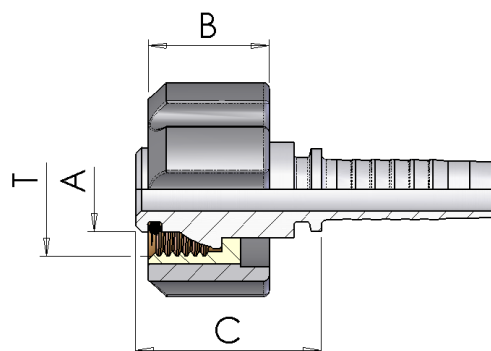


90° Metric Swept Elbow 24° Cone French Type

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
0130-05-20	5/16	7.9	05	M20-1.5	24	29	35
0130-06-20	3/8	9.5	06	M20-1.5	24	33	35
0130-08-24	1/2	12.7	08	M24-1.5	30	43	40
0130S10-30	5/8	15.9	10	M30-1.5	36	48	49
0130-12-36	3/4	19	12	M36-1.5	46	56	55

FK50

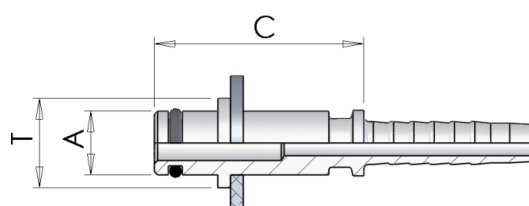
K' Female



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Cut-Off C	A	B
FK50-04-22	1/4	6.4	04	M22-1.5	31	14	20
FK50-05-22	5/16	7.9	05	M22-1.5	31	14	20
FK50-06-22	3/8	9.5	06	M22-1.5	31	14	20
FK50-04022	1/4	6.4	04	M22-1.5	31	14	27
FK50-05022	5/16	7.9	05	M22-1.5	31	14	27
FK50-06022	3/8	9.5	06	M22-1.5	31	14	27

FN50

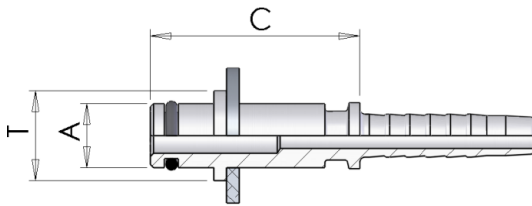
'K' Male (For Gun)-Diameter 10



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	A	C
FN50-04-22	1/4	6.4	04	M22-1.5	10	33
FN50-05-22	5/16	7.9	05	M22-1.5	10	33
FN50-06-22	3/8	9.5	06	M22-1.5	10	33

FN51

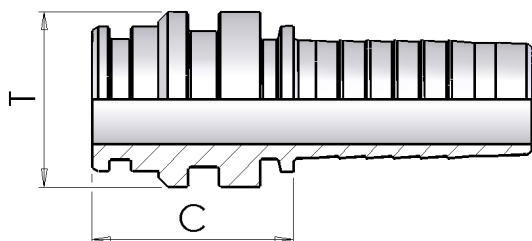
'K' Male (For Gun)-Diameter 11



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	A	C
FN51-04-22	1/4	6.4	04	M22-1.5	11	33
FN51-05-22	5/16	7.9	05	M22-1.5	11	33
FN51-06-22	3/8	9.5	06	M22-1.5	11	33

0398

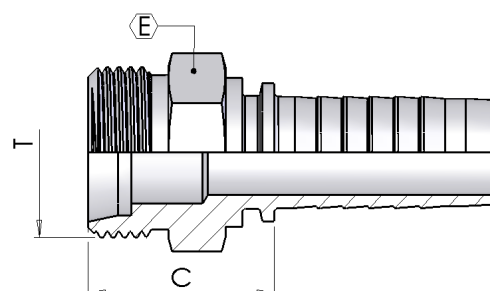
Staplelock Male



Part number	Hose I.D.		Dimensions		
	in	mm	Dash size	Thread T	Cut-Off C
0398-04-04	1/4	6.4	04	14.9	32
0398-06-06	3/8	9.5	06	19.9	35
0398-08-08	1/2	12.7	08	23.9	33
0398-12-12	3/4	19	12	28.9	33
0398-16-16	1	25.4	16	38.8	39
0398-20-20	1.1/4	31.8	20	45.9	41

K05B

Kobelko Male

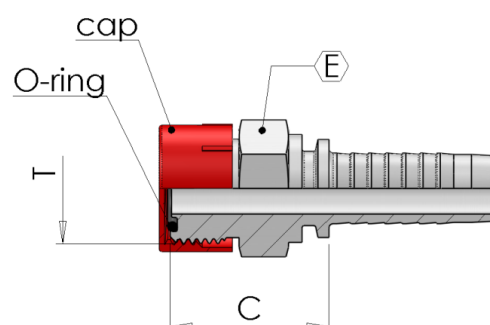


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Tube	Hex E	Cut-Off C
K05B-10-30	5/8	15.9	10	M30-1.5	22	32	32
K05B-12-30	3/4	19	12	M30-1.5	22	32	35
K05B-12-36	3/4	19	12	M36-1.5	28	41	36
K05B-16-36	1	25.4	16	M36-1.5	28	41	37
K05B-16-45	1	25.4	16	M45-1,5	35	50	38

S350

ORFS Male
Maschio ORFS

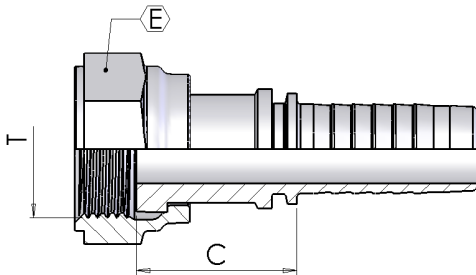
- with plug and O'Ring



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
S350-04-06-BO	1/4	6.4	04	9/16-18	17	23
S350-04-09-BO	1/4	6.4	04	11/16-16	19	21
S350-05-09-BO	5/16	7.9	05	11/16-16	19	26
S350-06-09-BO	3/8	9.5	06	11/16-16	19	26
S350-06-11-BO	3/8	9.5	6	13/16-16	22	29
S350-08-11-BO	1/2	12.7	08	13/16-16	22	29
S350-08-13-BO	1/2	12.7	08	1-14	27	34
S350-08-14-BO	1/2	12.7	08	1.3/16-12	32	35
S350-10-13-BO	5/8	15.9	10	1-14	27	33
S350-10-14-BO	5/8	15.9	10	1.3/16-12	32	35
S350-12-14-BO	3/4	19	12	1.3/16-12	32	36
S350-12-15-BO	3/4	19	12	1.7/16-12	38	36
S350-16-15-BO	1	25.4	16	1.7/16-12	38	37
S350-16-21-BO	1	25.4	16	1.11/16-12	46	38
S350-20-21-BO	1.1/4	31.8	20	1.11/16-12	46	39

S050

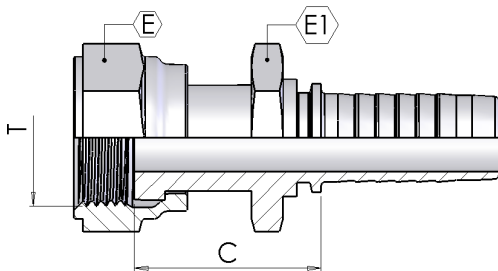
ORFS Female



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
S050-04-06	1/4	6.4	04	9/16-18	19	25
S050-04-09	1/4	6.4	04	11/16-16	22	29
S050-05-09	5/16	7.9	05	11/16-16	22	29
S050-06-09	3/8	9.5	06	11/16-16	22	29
S050-06-11	3/8	9.5	06	13/16-16	24	30
S050-08-11	1/2	12.7	08	13/16-16	24	32
S050-08-13	1/2	12.7	08	1-14	30	35
S050-08-14	1/2	12.7	08	1.3/16-12	36	37
S050-10-13	5/8	15.9	10	1-14	30	35
S050-10-14	5/8	15.9	10	1.3/16-12	36	34
S050-12-13	3/4	19	12	1-14	30	37
S050-12-14	3/4	19	12	1.3/16-12	36	35
S050-12-15	3/4	19	12	1.7/16-12	41	41
S050-16-15	1	25.4	16	1.7/16-12	41	39
Slip on nut S050-20-21	1.1/4	31.8	20	1.11/16-12	50	40
Slip on nut S050-24-32	1.1/2	38.1	24	2-12	60	41

S05T

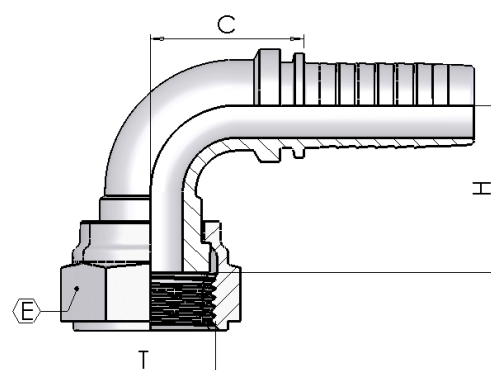
ORFS Female Back Hexagon



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	E1
S05T-04-06	1/4	6.4	04	9/16-18	17	30	15
S05T-06-09	3/8	9.5	06	11/16-16	22	34	17
S05T-08-11	1/2	12.7	08	13/16-16	24	37	19
S05T-10-13	5/8	15.9	10	1-14	30	41	24
S05T-12-14	3/4	19	12	1.3/16-12	36	42	30
S05T-16-15	1	25.4	16	1.7/16-12	41	50	36

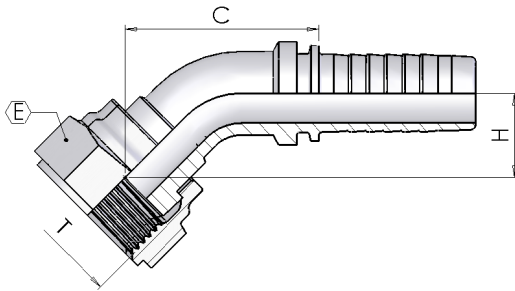
S150

ORFS 90° Swept Elbow



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
S150-04-06	1/4	6.4	04	9/16-18	19	25	26
S150-04-09	1/4	6.4	04	11/16-16	22	25	23
S150-05-09	5/16	7.9	05	11/16-16	22	29	32
S150-06-09	3/8	9.5	06	11/16-16	22	33	33
S150-06-11	3/8	9.5	06	13/16-16	24	33	32
S150-08-11	1/2	12.7	08	13/16-16	24	39	36
S150-08-13	1/2	12.7	08	1-14	30	39	40
S150-08-14	1/2	12.7	08	1.3/16-12	36	42	39
S150-10-13	5/8	15.9	10	1-14	30	47	39
Welded S150-10-14	5/8	15.9	10	1.3/16-12	36	42	39
Welded S150-12-13	3/4	19	12	1-14	30	42	39
S150-12-14	3/4	19	12	1.3/16-12	36	57	49
S150-12-15	3/4	19	12	1.7/16-12	41	56	51
S150-16-15	1	25.4	16	1.7/16-12	41	67	62
Welded S150-16-21	1	25.4	20	1.11/16-12	50	62	58
Welded S150-20-21	1.1/4	31.8	20	1.11/16-12	50	63	58
Welded S150-24-32	1.1/2	38.1	24	2-12	60	80	73

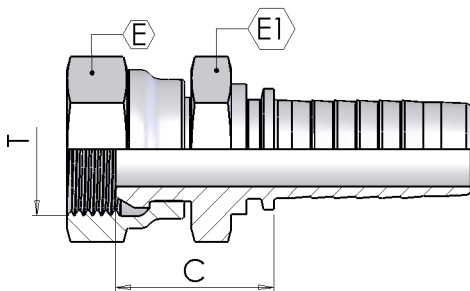
S250



ORFS 45° Swept Elbow

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
S250-04-06	1/4	6.4	04	9/16-18	19	40	14
S250-04-09	1/4	6.4	04	11/16-16	22	38	14
S250-05-09	5/16	7.9	05	11/16-16	22	44	14
S250-06-09	3/8	9.5	06	11/16-16	22	52	17
S250-06-11	3/8	9.5	06	13/16-16	24	51	18
S250-08-11	1/2	12.7	08	13/16-16	24	62	20
S250-08-13	1/2	12.7	08	1-14	30	64	23
S250-08-14	1/2	12.7	08	1.3/16-12	36	62	23
S250-10-13	5/8	15.9	10	1-14	30	67	22
Welded S250-10-14	5/8	15.9	10	1.3/16-12	36	44	18
Welded S250-12-13	3/4	19	12	1-14	30	40	15
S250-12-14	3/4	19	12	1.3/16-12	36	84	23
S250-12-15	3/4	19	12	1.7/16-12	41	84	26
S250-16-15	1	25.4	16	1.7/16-12	41	100	31
Welded S250-20-21	1.1/4	31.8	20	1.11/16-12	50	125	44
Welded S250-24-32	1.1/2	38.1	24	2-12	60	78	29

0920

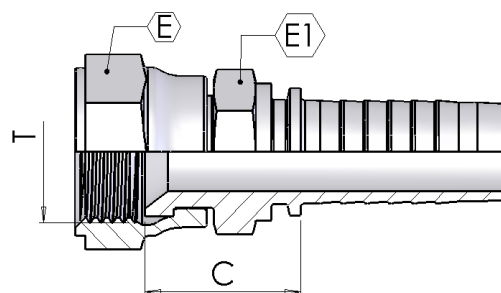


JIS Female 60° Cone (Nissan)

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	E1
0920-04-04	1/4	6.4	04	1/4-19	19	23	19
0920-06-06	3/8	9.5	06	3/8-19	22	28	22
0920-08-08	1/2	12.7	08	1/2-14	27	27	27
0920-12-12	3/4	19	12	3/4-14	32	29	32
0920-16-16	1	25.4	16	1-11	38	31	38

0930

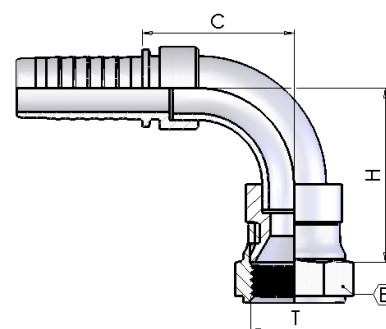
JIS Female 60° Cone (Toyota)



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	E1
0930-04-04	1/4	6.4	04	1/4-19	19	20	17
0930-06-06	3/8	9.5	06	3/8-19	22	22	19
0930-08-08	1/2	12.7	08	1/2-14	27	26	22
0930-12-12	3/4	19	12	3/4-14	32	29	30
0930-16-16	1	25.4	16	1-11	38	31	36
0930-20-20	1,1/4	31.8	20	1,1/4-11	50	35	46
0930-24-24	1,1/2	38.1	24	1,1/2-11	55	28	50

0980S

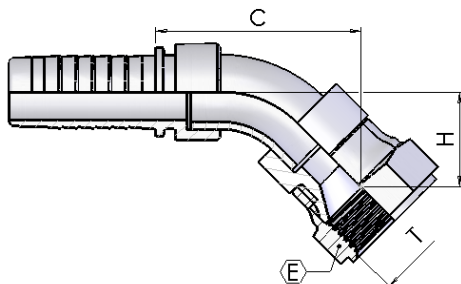
90° JIS Swept Elbow (Toyota) - Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
0980S04-04	1/4	6.4	04	1/4-19	19	38	35
0980S06-06	3/8	9.5	06	3/8-19	22	27	30
0980S08-08	1/2	12.7	08	1/2-14	27	33	39
0980S12-12	3/4	19	12	3/4-14	32	48	55
0980S16-16	1	25.4	16	1-11	38	57	62
0980S20-20	1,1/4	31.8	20	1,1/4-11	50	63	65
0980S24-24	1,1/2	38.1	24	1,1/2-11	55	80	83

1030S

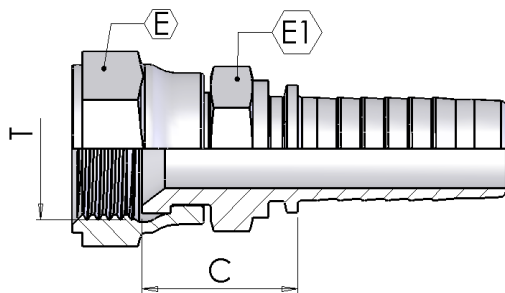
45° JIS Swept Elbow (Toyota) - Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
1030S04-04	1/4	6.4	04	1/4-19	19	44	18
1030S05-06	5/16	7.9	05	3/8-19	22	38	18
1030S06-06	3/8	9.5	06	3/8-19	22	38	18
1030S08-08	1/2	12.7	08	1/2-14	27	40	20
1030S12-12	3/4	19	12	3/4-14	32	56	26
1030S16-16	1	25.4	16	1-11	38	72	33
1030S20-20	1,1/4	31.8	20	1,1/4-11	50	67	29
1030S24-24	1,1/2	38.1	24	1,1/2-11	55	85	36

0940

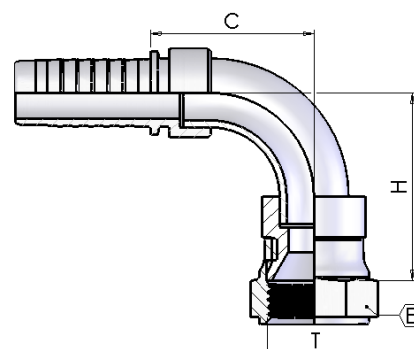
JIS Female 60° Cone (Komatsu)



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	E1
0940-04-14	1/4	6.4	04	M14x1,5	19	22	17
0940-05-16	5/16	7.9	05	M16x1,5	22	22	17
0940-06-14	3/8	9.5	06	M14x1,5	19	22	17
0940-06-18	3/8	9.5	06	M18x1,5	24	21	19
0940-08-22	1/2	12.7	08	M22x1,5	27	27	22
0940-10-24	5/8	15.9	10	M24x1,5	30	26	27
0940-12-30	3/4	19	12	M30x1,5	36	30	30
0940-16-33	1	25.4	16	M33x1,5	41	33	36
0940-20-36	1.1/4	31.8	20	M36x1,5	46	37	46
0940-24-42	1.1/2	38.1	24	M42x1,5	50	38	50

0990S

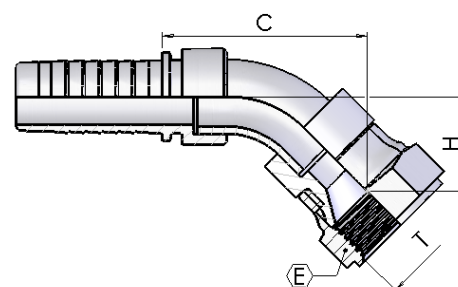
90° JIS Swept Elbow (Komatsu) - Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
0990S04-14	1/4	6.4	04	M14x1,5	19	38	35
0990S05-16	5/16	7.9	05	M16x1,5	22	27	30
0990S06-14	3/8	9.5	06	M14x1,5	19	31	33
0990S06-18	3/8	9.5	06	M18x1,5	24	31	33
0990S08-22	1/2	12.7	08	M22x1,5	27	33	39
0990S10-24	5/8	15.9	10	M24x1,5	30	42	48
0990S12-30	3/4	19	12	M30x1,5	36	48	43
0990S16-33	1	25.4	16	M33x1,5	41	57	62

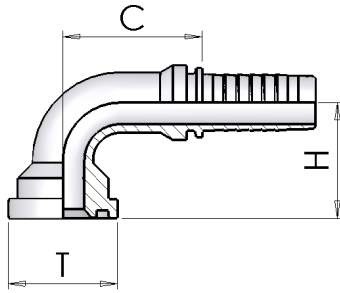
1040S

45° JIS Swept Elbow (Komatsu) - Welded



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Cut-Off C	H
1040S-04-14	1/4	6.4	04	M14-1.5	19	44	18
1040S05-16	5/16	7.9	05	M16-1.5	22	38	18
1040S06-14	3/8	9.5	06	M14-1.5	19	41	18
1040S06-18	3/8	9.5	06	M18-1.5	24	43	18
1040S08-22	1/2	12.7	08	M22-1.5	27	40	20
1040S10-24	5/8	15.9	10	M24-1.5	30	50	26
1040S12-30	3/4	19	12	M30-1.5	36	56	26
1040S16-33	1	25.4	16	M33-1.5	41	65	33

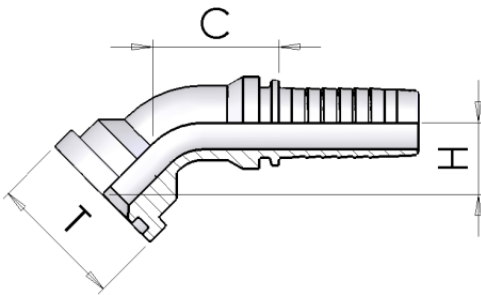
1050



Komatsu Flange 90°

	Part number	Hose I.D.		Dimensions				
		in	mm	Dash size	Flange		Drop	Cut-Off
					T	mm	H	C
Welded	1050-10-10	5/8	15.9	10	5/8	34	47	58

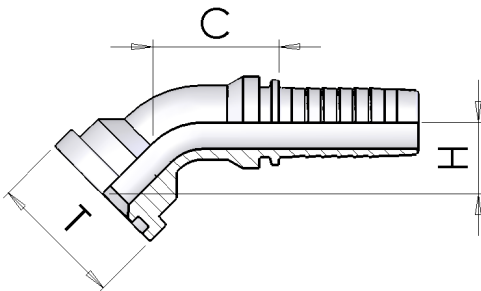
1150



Komatsu Flange 45°

	Part number	Hose I.D.		Dimensions				
		in	mm	Dash size	Flange		Drop H	Cut-Off C
					T	mm		
Welded	1150-10-10	5/8	15.9	10	5/8	34	54	23

1250

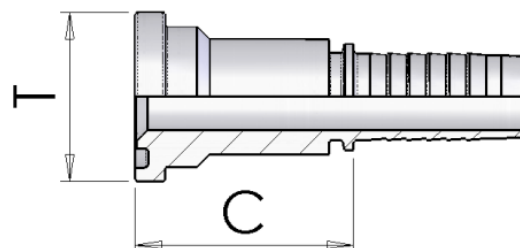


Komatsu Flange - Straight

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	Drop H	Cut-Off C
1250-10-10	5/8	15.9	10	5/8	34	56

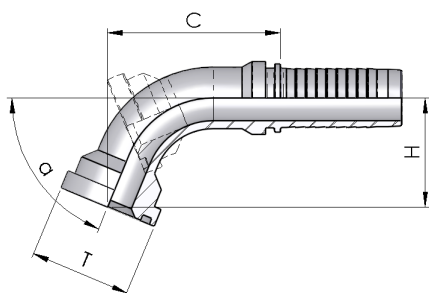
1260

Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1260-08-08	1/2	12.7	08	1/2	30,2	45
1260-08-12	1/2	12.7	08	3/4	38.1	50
1260-10-08	5/8	15.9	10	1/2	30,2	45
1260-10-12	5/8	15.9	10	3/4	38.1	49
1260-12-12	3/4	19	12	3/4	38.1	50
1260-12-16	3/4	19	12	1	44.5	53
1260-16-16	1	25.4	16	1	44.5	54
1260-16-20	1	25.4	16	1.1/4	50.8	57
1260-20-20	1.1/4	31.8	20	1.1/4	50.8	59
1260-20-24	1.1/4	31.8	20	1.1/2	60.3	62
1260-24-24	1.1/2	38.1	24	1.1/2	60.3	62
1260-24-32	1.1/2	38.1	24	2	71.4	67
1260-32-32	2	50.8	32	2	71.4	68
1260-32-40	2	50.8	32	2.1/2	84.1	76
1260-40-40	2.1/2	63,5	40	2.1/2	84	76
1260-48-48	3	76,2	48	3	102	63

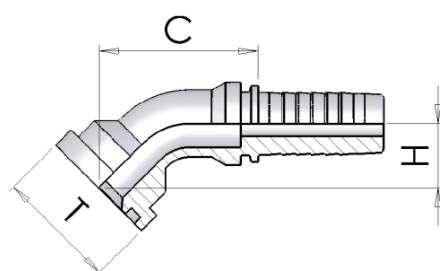
1060



90° SAE Flange 3000 PSI

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1060-08-08	1/2	12.7	08	1/2	30.2	39	39
1060-08-12	1/2	12.7	08	3/4	38.1	44	39
1060-10-08	5/8	15.9	10	1/2	30.2	42	45
1060-10-12	5/8	15.9	10	3/4	38.1	47	45
1060-12-12	3/4	19	12	3/4	38.1	53	56
1060-12-16	3/4	19	12	1	44.5	58	56
1060-16-16	1	25.4	16	1	44.5	65	70
1060-16-20	1	25.4	16	1.1/4	50.8	70	70
1060-16-24	1	25.4	16	1.1/2	60.3	71	72
1060-20-16	1.1/4	31.8	20	1	44.5	77	81
1060-20-20	1.1/4	31.8	20	1.1/4	50.8	77	86
1060-20-24	1.1/4	31.8	20	1.1/2	60.3	81	85
1060-24-24	1.1/2	38.1	24	1.1/2	60.3	89	98
1060-24-32	1.1/2	38.1	24	2	71.4	97	93
1060-32-32	2	50.8	32	2	71.4	121	123

1160

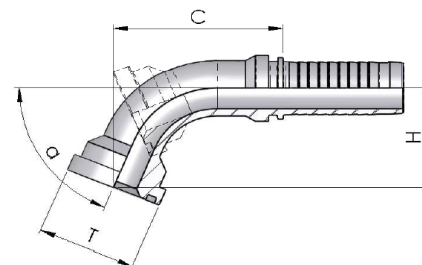


45° SAE Flange 3000 PSI

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Cut-Off C	H
1160-08-08	1/2	12.7	08	1/2	30.2	62	22
1160-08-12	1/2	12.7	08	3/4	38.1	67	25
1160-12-12	3/4	19	12	3/4	38.1	69	27
1160-12-16	3/4	19	12	1	44.5	88	30
1160-16-16	1	25.4	16	1	44.5	82	33
1160-20-20	1.1/4	31.8	20	1.1/4	50.8	102	38
1160-20-24	1.1/4	31.8	20	1.1/2	60.3	129	39
1160-24-24	1.1/2	38.1	24	1.1/2	60.3	114	44
1160-24-32	1.1/2	38.1	24	2	71.4	148	47
1160-32-32	2	50.8	32	2	71.4	130	58

1060

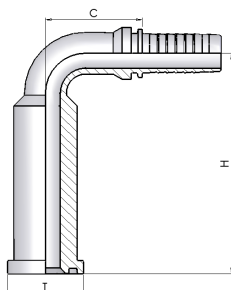
22.5°/30°/60°/67.5° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Flange		Degree	Drop H	Cut-Off C
				T	mm			
1060-12-12 22.5	3/4	19	12	3/4	38.1	22.5°	11	76
1060-16-16 22.5	1	25.4	16	1	44.5	22.5°	14	89
1060-20-20 22.5	1.1/4	31.8	20	1.1/4	50.8	22.5°	14	111
1060-24-24 22.5	1.1/2	38.1	24	1.1/2	60.3	22.5°	17	124
1060-32-32 22.5	2	50.8	32	2	71.4	22.5°	28	144
1060-12-12 30	3/4	19	12	3/4	38.1	30°	16	75
1060-16-16 30	1	25.4	16	1	44.5	30°	19	87
1060-20-20 30	1.1/4	31.8	20	1.1/4	50.8	30°	26	109
1060-24-24 30	1.1/2	38.1	24	1.1/2	60.3	30°	23	122
1060-32-32 30	2	50.8	32	2	71.4	30°	35	142
1060-12-12 60	3/4	19	12	3/4	38.1	60°	36	76
1060-16-16 60	1	25.4	16	1	44.5	60°	43	95
1060-20-20 60	1.1/4	31.8	20	1.1/4	50.8	60°	49	116
1060-24-24 60	1.1/2	38.1	24	1.1/2	60.3	60°	55	138
1060-32-32 60	2	50.8	32	2	71.4	60°	80	170
1060-12-12 67.5	3/4	19	12	3/4	38.1	67.5°	41	72
1060-16-16 67.5	1	25.4	16	1	44.5	67.5°	48	91
1060-20-20 67.5	1.1/4	31.8	20	1.1/4	50.8	67.5°	56	110
1060-24-24 67.5	1.1/2	38.1	24	1.1/2	60.3	67.5°	63	131
1060-32-32 67.5	2	50.8	32	2	71.4	67.5°	92	158

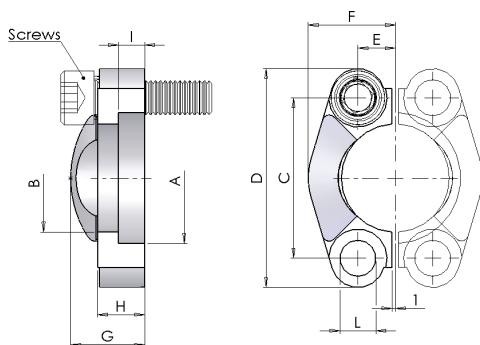
FS3L

90° SAE Flange 3000 Psi - Long Drop



Part number	Hose I.D.		Dash size	Dimensions			
	in	mm		Flange T	mm	Drop H	Cut-Off C
FS3L-08-08	1/2	12.7	08	1/2	30.2	73	39
FS3L-12-12	3/4	19	12	3/8	38.1	123	56
FS3L-16-16	1	25.4	16	1	44.5	127	70
FS3L-20-20	1.1/4	31.8	20	1.1/4	50.8	178	85
FS3L-24-24	1.1/2	38.1	24	1.1/2	60.3	220	99

S003



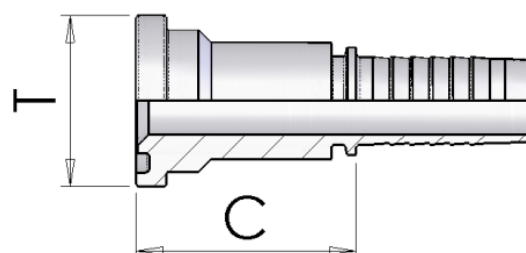
Cut Split Flanges 3000 psi

This product is sold in pairs

Part number	SAE Size	Dimensions									
		Hex E	A	B	C	D	F	G	H	I	L
S003-08	1/2"	8.7	30.96	24.3	38.1	54	22.8	19	13	6.2	8.8
S003-12	3/4"	11.1	38.89	32.1	47.6	65	25.9	22	14	6.2	10.8
S003-16	1"	13.1	45.24	38.5	52.4	70	29.2	24	16	7.5	10.8
S003-20	1.1/4"	15.1	51.59	43.7	58.7	79	36.3	22	14	7.5	12
S003-24	1.1/2"	17.9	61.09	50.8	69.9	94	41.1	25	16	7.5	13.5
S003-32	2"	21.4	72.24	62.7	77.8	102	48.2	26	16	9	13.5
S003-40	2.1/2"	25.4	84.94	74.9	88.9	114	54.1	38	19	9	13.5
S003-48	3"	31	102.4	90.9	106.4	135	65.3	41	22	9	17

1310

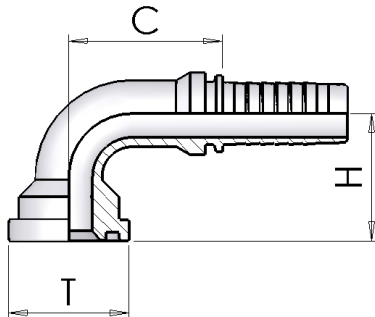
Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1310-08-08	1/2	12.7	08	1/2	31,8	46
1310-08-12	1/2	12.7	08	3/4	41.3	53
1310-10-08	5/8	15.9	10	1/2	31,8	46
1310-10-12	5/8	15.9	10	3/4	41.3	53
1310-10-16	5/8	15.9	10	1	47.6	59
1310-12-12	3/4	19	12	3/4	41.3	54
1310-12-16	3/4	19	12	1	47.6	60
1310-16-12	1	25.4	16	3/4	41.3	55
1310-16-16	1	25.4	16	1	47.6	61
1310-16-20	1	25.4	16	1.1/4	54	68
1310-20-20	1.1/4	31.8	20	1.1/4	54	70
1310-20-24	1.1/4	31.8	20	1.1/2	63.5	76
1310-24-24	1.1/2	38.1	24	1.1/2	63.5	76
1310-24-32	1.1/2	38.1	24	2	79.4	85
1310-32-32	2	50.8	32	2	79.4	85

1110

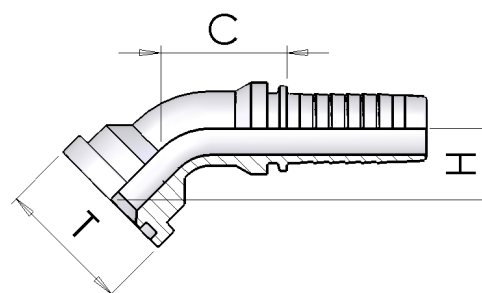
90° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1110-08-08	1/2	12.7	08	1/2	31.8	39	39
1110-08-12	1/2	12.7	08	3/4	41.3	48	39
1110-10-08	5/8	15.9	10	1/2	31.8	42	45
1110-10-12	5/8	15.9	10	3/4	41.3	52	44
1110-10-16	5/8	15.9	10	1	47.6	56	45
1110-12-08	3/4	19	12	1/2	32	54	56
1110-12-12	3/4	19	12	3/4	41.3	55	56
1110-12-16	3/4	19	12	1	47.6	63	56
1110-16-12	1	25.4	16	3/4	41.3	64	68
1110-16-16	1	25.4	16	1	47.6	69	70
1110-16-20	1	25.4	16	1.1/4	54	74	71
1110-20-20	1.1/4	31.8	20	1.1/4	54	83	97
1110-20-24	1.1/4	31.8	20	1.1/2	63.5	90	97
1110-24-24	1.1/2	38.1	24	1.1/2	63.5	99	102
1110-24-32	1.1/2	38.1	24	2	79.4	108	103
1110-32-32	2	50.8	32	2	79.4	136	125

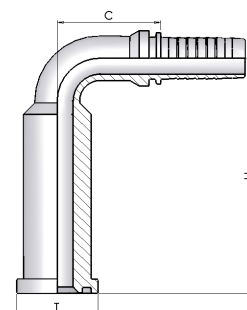
1210

45° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1210-08-08	1/2	12.7	08	1/2	31.8	22	62
1210-08-12	1/2	12.7	08	3/4	41.3	28	69
1210-10-08	5/8	15.9	10	1/2	31.8	21	66
1210-10-12	5/8	15.9	10	3/4	41.3	27	75
1210-10-16	5/8	15.9	10	1	47.6	32	77
1210-12-12	3/4	19	12	3/4	41.3	28	74
1210-12-16	3/4	19	12	1	47.6	32	90
1210-16-12	1	25.4	16	3/4	41.3	30	101
1210-16-16	1	25.4	16	1	47.6	34	86
1210-16-20	1	25.4	16	1.1/4	54	41	112
1210-20-20	1.1/4	31.8	20	1.1/4	54	43	107
1210-20-24	1.1/4	31.8	20	1.1/2	63.5	48	149
1210-24-24	1.1/2	38.1	24	1.1/2	63.5	50	122
1210-24-32	1.1/2	38.1	24	2	79.4	66	163
1210-32-32	2	50.8	32	2	79.4	68	145

FS6L

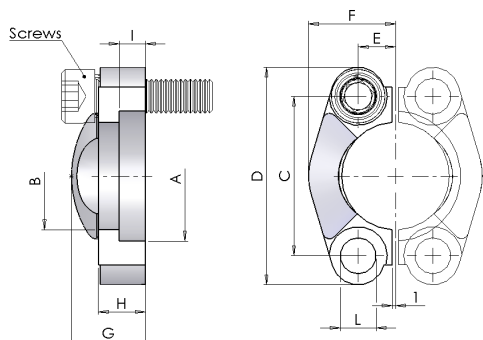
90° SAE Flange 6000 Psi
- Long Drop

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
FS6L-08-08	1/2	12.7	08	1/2	32	75	40
FS6L-12-12	3/4	19	12	3/4	41.3	126	56
FS6L-16-16	1	25.4	16	1	47.6	132	70
FS6L-20-20	1.1/4	31.8	20	1.1/4	54	185	82
FS6L-24-24	1.1/2	38.1	24	1.1/2	63.5	233	99

S006

Cut Split Flanges 6000 psi

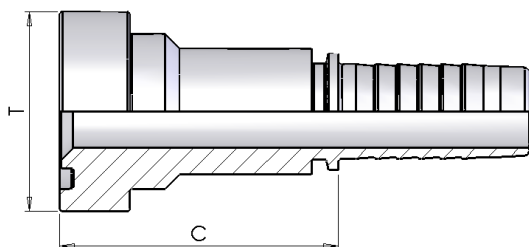
This product is sold in pairs



Part number	SAE Size	Dimensions									
		Hex E	A	B	C	D	F	G	H	I	L
S006-08	1/2"	9.1	32.54	24.6	40.5	56	23.6	22	16	7.2	8.8
S006-12	3/4"	11.9	42.06	32.5	50.8	71	30	28	19	8.3	11
S006-16	1"	13.9	48.41	38.9	57.2	81	34.8	33	24	9	13
S006-20	1 1/4"	15.9	54.76	44.5	66.7	95	38.6	38	27	9.8	15
S006-24	1 1/2"	18.3	64.29	51.6	79.4	113	47.5	43	30	12.1	17
S006-32	2"	22.2	80.16	67.6	96.8	133	56.9	52	37	12.1	21

130S

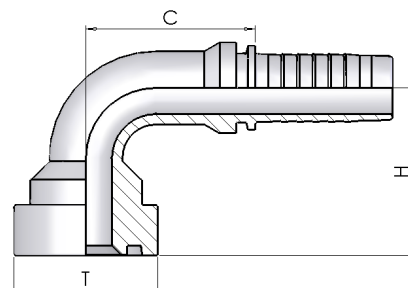
Straight 'CAT' Flange



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange		Cut-Off
				T	mm	C
130S-12-12	3/4	19	12	3/4	41.3	58
130S-12-16	3/4	19	12	1	47.6	64
130S-16-16	1	25.4	16	1	47.6	65
130S-16-20	1	25.4	16	1.1/4	54	73
130S-20-20	1.1/4	31.8	20	1.1/4	54	74
130S-20-24	1.1/4	31.8	20	1.1/2	63.5	78
130S-24-24	1.1/2	38.1	24	1.1/2	63.5	80

110S

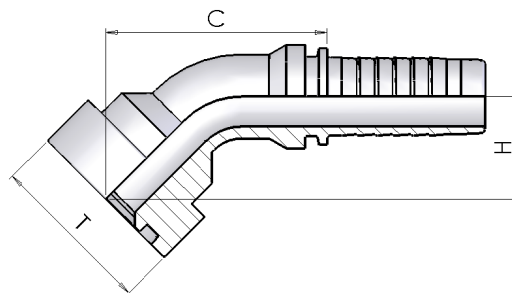
90° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Cut-Off C	H
110S-12-12	3/4	19	12	3/4	41.3	56	62
110S-12-16	3/4	19	12	1	47.6	56	65
110S-16-16	1	25.4	16	1	47.6	78	74
110S-16-20	1	25.4	16	1.1/4	54	78	80
110S-20-20	1.1/4	31.8	20	1.1/4	54	97	90
110S-20-24	1.1/4	31.8	20	1.1/2	63.5	96	95
110S-24-24	1.1/2	38.1	24	1.1/2	63.5	115	104

120S

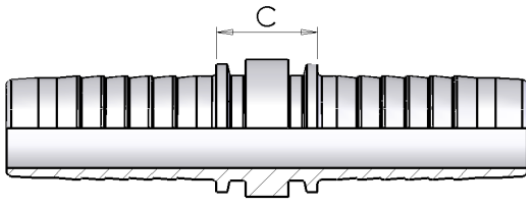
45° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Cut-Off C	H
120S-12-12	3/4	19	12	3/4	41.3	88	32
120S-12-16	3/4	19	12	1	47.6	93	37
120S-16-16	1	25.4	16	1	47.6	118	40
120S-16-20	1	25.4	16	1.1/4	54	122	44
120S-20-20	1.1/4	31.8	20	1.1/4	54	146	44
120S-20-24	1.1/4	31.8	20	1.1/2	63.5	149	48
120S-24-24	1.1/2	38.1	24	1.1/2	63.5	172	52

D050

Hose Junction

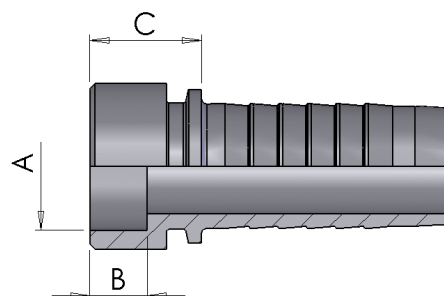


Part number	Hose I.D.		Dimensions	
	in	mm	Dash size	Cut-Off C
D050-03	3/16	4.8	03	17
D050-04	1/4	6.4	04	17
D050-05	5/16	7.9	05	17
D050-06	3/8	9.5	06	17
D050-08	1/2	12.7	08	18
D050-10	5/8	15.9	10	18
D050-12	3/4	19	12	19
D050-16	1	25.4	16	21
D050-20	1.1/4	31.8	20	24
D050-24	1.1/2	38.1	24	24
D050-32	2	50.8	32	26

GS00

Weldable Fitting

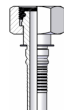
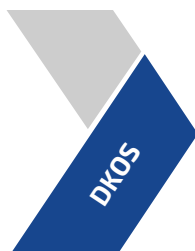
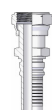
without zinc plating



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Cut-Off C	A	B
GS00-03-06	3/16	4,8	03	12	06	6
GS00-03-08	3/16	4,8	03	12	08	6
GS00-04-06	1/4	6.4	04	14	06	6
GS00-04-08	1/4	6.4	04	14	08	6
GS00-04-10	1/4	6.4	04	15	10	6
GS00-04-12	1/4	6.4	04	17	12	7
GS00-05-08	5/16	7,9	05	14	08	6
GS00-05-10	5/16	7,9	05	14	10	6
GS00-05-12	5/16	7,9	05	14	12	6
GS00-06-06	3/8	9.5	06	15	06	6
GS00-06-08	3/8	9.5	06	15	08	6
GS00-06-10	3/8	9.5	06	14	10	6
GS00-06-12	3/8	9.5	06	15	12	7
GS00-06-14	3/8	9.5	06	15	14	8
GS00-06-15	3/8	9.5	06	14	15	7
GS00-08-12	1/2	12.7	08	15	12	7
GS00-08-14	1/2	12.7	08	15	14	8
GS00-08-15	1/2	12.7	08	15	15	7
GS00-08-16	1/2	12.7	08	15	16	7
GS00-08-18	1/2	12.7	08	15	18	7
GS00-08-20	1/2	12.7	08	18	20	9
GS00-10-12	5/8	15.9	10	15	12	7
GS00-10-16	5/8	15.9	10	16	16	8
GS00-10-18	5/8	15.9	10	16	18	8
GS00-10-20	5/8	15.9	10	18	20	9
GS00-10-22	5/8	15.9	10	18	22	9
GS00-12-16	3/4	19	12	16	16	8
GS00-12-18	3/4	19	12	16	18	8
GS00-12-20	3/4	19	12	18	20	9
GS00-12-22	3/4	19	12	18	22	9
GS00-12-25	3/4	19	12	19	25	9
GS00-12-32	3/4	19	12	20	32	9
GS00-16-25	1	25.4	16	19	25	9
GS00-16-28	1	25.4	16	20	28	9
GS00-16-30	1	25.4	16	20	30	9
GS00-16-32	1	25.4	16	20	32	9
GS00-16-38	1	25.4	16	26	38	11
GS00-20-30	1.1/4	31.8	20	21	30	9
GS00-20-32	1.1/4	31.8	20	21	32	9
GS00-20-35	1.1/4	31.8	20	23	35	11
GS00-20-38	1.1/4	31.8	20	24	38	11
GS00-24-32	1.1/2	38.1	24	23	32	9
GS00-24-38	1.1/2	38.1	24	23	38	11
GS00-24-42	1.1/2	38.1	24	23	42	10
GS00-24-50	1.1/2	38.1	24	23	50	10
GS00-32-50	2	50.8	32	23	50	10

Inter-lock Tail



	004N  Swaged Ferrule (skive) 94	0013  Swaged Ferrule (skive) 94		0370H  NPTF Male 60° cone 95
	0350H  BSP Male Parallel 60° cone 95	0050H  BSP Female 60° cone Thrust Wire 96	0150H  BSP 90° Swept Elbow 60° cone Thrust Wire 96	0250H  BSP 45° Swept Elbow 60° cone Thrust Wire 97
	0850H  JIC Male 74° cone 97		0900H  JIC Female 74° cone Thrust Wire 98	0950H  JIC 90° Swept Elbow 74° cone Thrust Wire 98
1000H  JIC 45° Swept Elbow 74° cone Thrust Wire 99		0450H  Metric Male 24° Seat Heavy 99	0084H  Metric Female 24° Seat Heavy 100	
0184H  90° Metric Swept Elbow 24° Seat Heavy 100	0284H  45° Metric Swept Elbow 24° Seat Heavy 101		S050H  ORFS Female 101	S05TH  ORFS Female Back Hexagon 102

S150H



ORFS 90° Swept Elbow

102

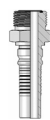
S250H



ORFS 45° Swept Elbow

103

S350H



ORFS Male

103



1250H



Straight SAE Flange
3000 PSI

104

1050H



90° SAE Flange 3000 PSI

104

1150H



45° SAE Flange 3000 PSI

105

1300H



Straight SAE Flange
6000 PSI

105

1100H



90° SAE Flange 6000 PSI

106

1200H



45° SAE Flange 6000 PSI

106



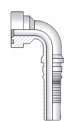
130SH



Straight 'CAT' Flange

107

110SH



90° 'CAT' Flange

107

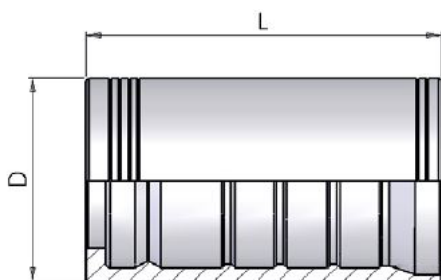
120SH



45° 'CAT' Flange

108

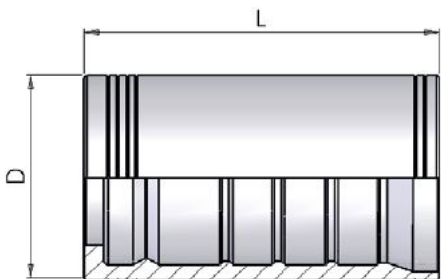
004N



Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
004N-12	3/4	19.0	38	60	52/15
004N-16	1	25.4	46	74.5	64/17
004N-20	1.1/4	31.8	55	88	74/22
004N-24	1.1/2	38.1	62	94	81/22,5
004N-32	2	50.8	78	99	85/30

0013

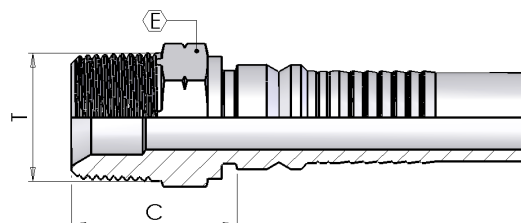


Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0013-20	1.1/4	31.8	60	88	74/22
0013-24	1.1/2	38.1	67	94	81/22,5
0013-32	2	50.8	84.5	99	85/30

0370H

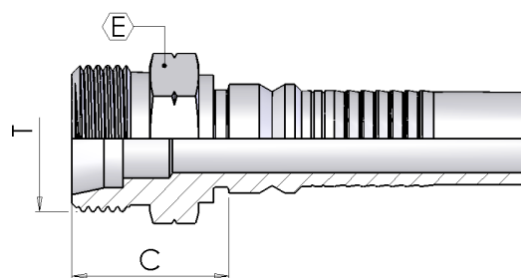
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0370H12-12	3/4	19.0	12	3/4-14	27	35
0370H16-16	1	25.4	16	1-11.1/2	36	41
0370H20-20	1.1/4	31.8	20	1.1/4-11.1/2	46	44
0370H24-24	1.1/2	38.1	24	1.1/2-11.1/2	50	47
0370H32-32	2	50.8	32	2-11.1/2	65	54

0350H

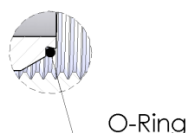
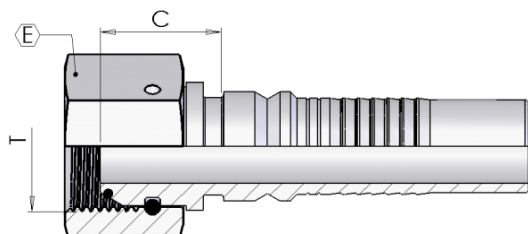
BSP Male Parallel 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0350H12-12	3/4	19.0	12	3/4-14	32	33
0350H12-16	3/4	19.0	12	1-11	41	36
0350H16-16	1	25.4	16	1-11	41	37
0350H16-20	1	25.4	16	1.1/4-11	50	41
0350H20-20	1.1/4	31.8	20	1.1/4-11	50	42
0350H24-24	1.1/2	38.1	24	1.1/2-11	55	44
0350H32-32	2	50.8	32	2-11	70	53

0050H

BSP Female 60° Cone - Thrust Wire

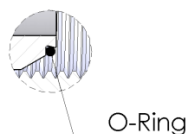
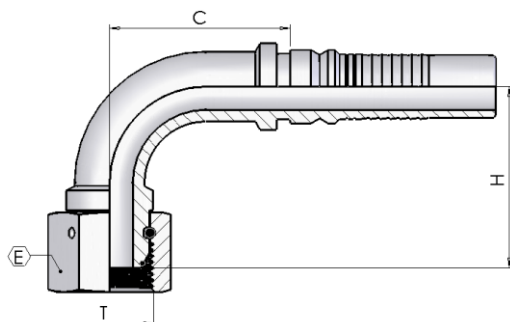


(*)- BSP female with O-Ring

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
(*) 0050H12-12	3/4	19.0	12	3/4-14	32	23
(*) 0050H12-16	3/4	19.0	12	1-11	38	25
(*) 0050H16-16	1	25.4	16	1-11	38	26
(*) 0050H20-20	1.1/4	31.8	20	1.1/4-11	50	29
(*) 0050H20-24	1.1/4	31.8	20	1.1/2-11	55	31
(*) 0050H24-24	1.1/2	38.1	24	1.1/2-11	55	31
(*) 0050H32-32	2	50.8	32	2-11	70	30

0150H

BSP 90° Swept Elbow 60° Cone - Thrust Wire



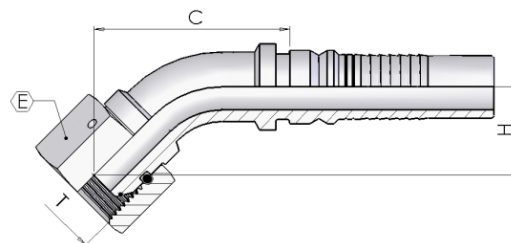
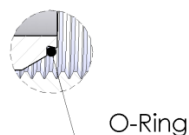
(*)- BSP female with O-Ring

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
(*) 0150H12-12	3/4	19.0	12	3/4-14	32	57	54
(*) 0150H16-16	1	25.4	16	1-11	38	70	73
(*) 0150H16-20	1	25.4	16	1.1/4-11	50	76	73
(*) 0150H20-20	1.1/4	31.8	20	1.1/4-11	50	83	93
(*) 0150H24-24	1.1/2	38.1	24	1.1/2-11	55	104	111
(*) 0150H32-32	2	50.8	32	2-11	70	135	122

0250H

BSP 45° Swept Elbow 60° Cone -
Thrust Wire

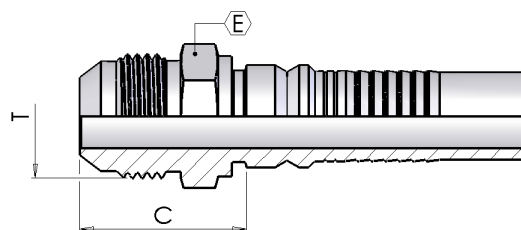
(*)- BSP female with O-Ring



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
(*) 0250H12-12	3/4	19.0	12	3/4-14	32	28	84
(*) 0250H16-16	1	25.4	16	1-11	38	38	112
(*) 0250H20-20	1.1/4	31.8	20	1.1/4-11	50	41	137
(*) 0250H24-24	1.1/2	38.1	24	1.1/2-11	55	54	166
(*) 0250H32-32	2	50.8	32	2-11	70	70	195

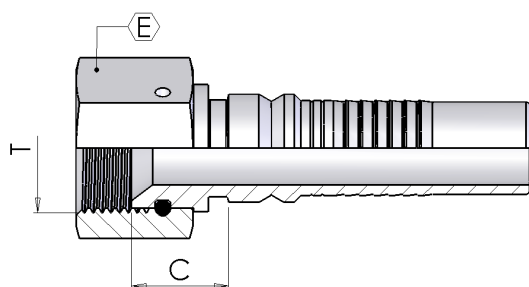
0850H

JIC Male 74° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0850H12-12	3/4	19.0	12	1.1/16-12	27	36
0850H16-16	1	25.4	16	1.5/16-12	34	40
0850H20-20	1.1/4	31.8	20	1.5/8-12	42	44
0850H24-24	1.1/2	38.1	24	1.7/8-12	50	49
0850H32-32	2	50.8	32	2.1/2-12	65	61

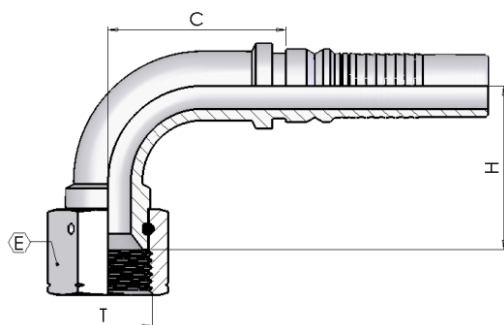
0900H



JIC Female 74° Cone - Thrust Wire

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0900H12-12	3/4	19.0	12	1.1/16-12	32	19
0900H12-16	3/4	19.0	12	1.5/16-12	41	22
0900H16-16	1	25.4	16	1.5/16-12	41	23
0900H20-20	1.1/4	31.8	20	1.5/8-12	50	26
0900H24-24	1.1/2	38.1	24	1.7/8-12	55	29
0900H32-32	2	50.8	32	2.1/2-12	70	30

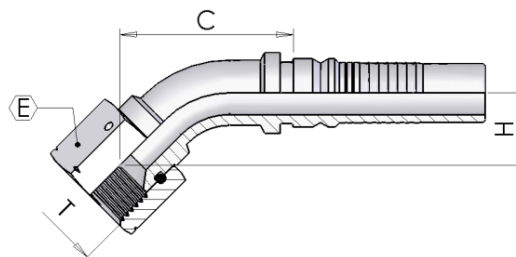
0950H



JIC 90° Swept Elbow 74° Cone - Thrust Wire

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0950H12-12	3/4	19.0	12	1.1/16-12	32	54	54
0950H12-16	3/4	19.0	12	1.5/16-12	41	62	54
0950H16-16	1	25.4	16	1.5/16-12	41	66	77
0950H20-20	1.1/4	31.8	20	1.5/8-12	50	86	92
0950H24-24	1.1/2	38.1	24	1.7/8-12	55	100	112
0950H32-32	2	50.8	32	2.1/2-12	70	134	121

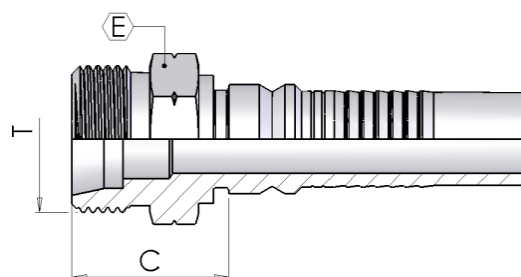
1000H

JIC 45° Swept Elbow 74° Cone -
Thrust Wire

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
1000H12-12	3/4	19.0	12	1.1/16-12	32	28	85
1000H12-16	3/4	19.0	12	1.5/16-12	41	32	88
1000H16-16	1	25.4	16	1.5/16-12	41	36	113
1000H20-20	1.1/4	31.8	20	1.5/8-12	50	50	133
1000H24-24	1.1/2	38.1	24	1.7/8-12	55	49	165
1000H32-32	2	50.8	32	2.1/2-12	70	67	194

0450H

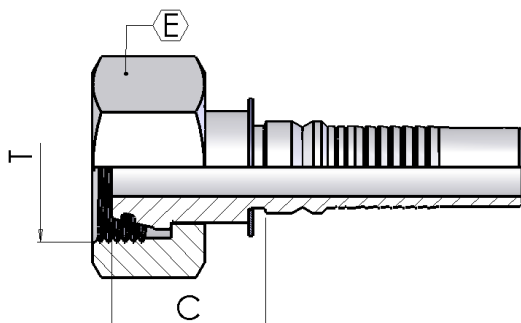
Metric Male 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0450H12-36	3/4	19.0	12	M36-2	25	36	36
0450H16-42	1	25.4	16	M42-2	30	46	39
0450H20-52	1.1/4	31.8	20	M52-2	38	55	42
0450H24-52	1.1/2	38.1	24	M52-2	38	55	42.5

0084H

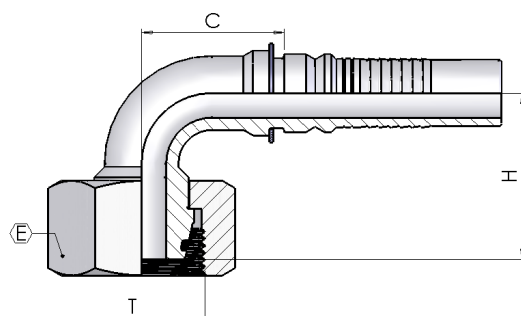
**Metric Female 24°
- Seat Heavy**



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0084H12-36	3/4	19.0	12	M36-2	25	46	37
0084H16-36	1	25.4	16	M36-2	25	46	38
0084H16-42	1	25.4	16	M42-2	30	50	41
0084H20-52	1.1/4	31.8	20	M52-2	38	60	41
0084H24-52	1.1/2	38.1	24	M52-2	38	60	42

0184H

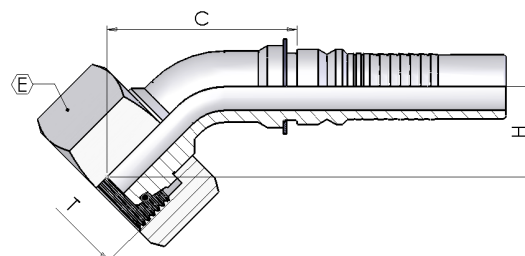
**90° Metric Swept Elbow 24°
- Seat Heavy**



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0184H12-36	3/4	19.0	12	M36-2	25	46	58	55
0184H16-36	1	25.4	16	M36-2	25	46	68	75
0184H16-42	1	25.4	16	M42-2	30	50	69	74
0184H20-52	1.1/4	31.8	20	M52-2	38	60	81	94

0284H

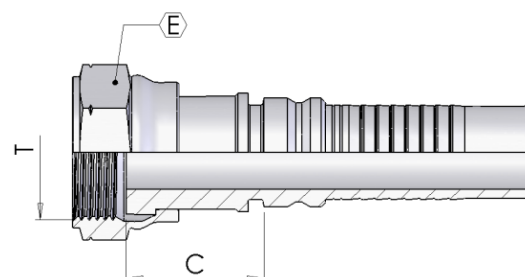
45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0284H12-36	3/4	19.0	12	M36-2	25	46	31	94
0284H16-36	1	25.4	16	M36-2	25	46	34	110
0284H16-42	1	25.4	16	M42-2	30	50	33	112
0284H20-52	1.1/4	31.8	20	M52-2	38	60	81	93

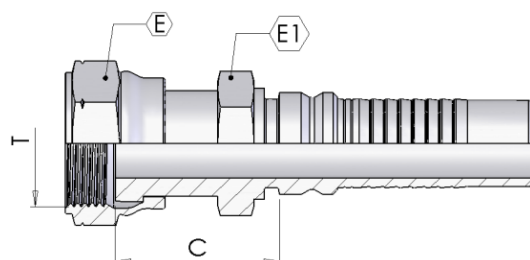
S050H

ORFS Female



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
S050H12-14	3/4	19.0	12	1.3/16-12	36	33
S050H16-15	1	25.4	16	1.7/16-12	41	37
S050H16-21	1	25.4	16	1.11/16-12	50	35.5
S050H20-21	1.1/4	31.8	20	1.11/16-12	50	37
S050H20-32	1.1/4	31.8	20	2-12	60	36.7
S050H24-32	1.1/2	38.1	24	2-12	60	41

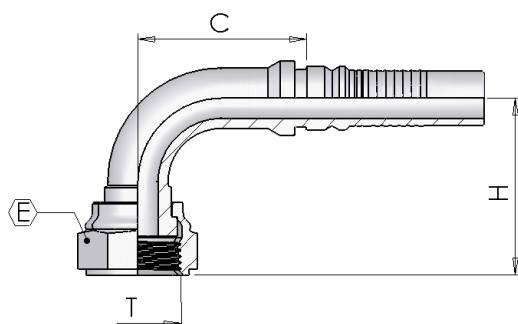
S05TH



ORFS Female Back Hexagon

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Hex E1	Cut-Off C
S05TH12-14	3/4	19.0	12	1.3/16-12	36	30	39
S05TH16-15	1	25.4	16	1.7/16-12	41	36	47
S05TH20-21	1.1/4	31.8	20	1.11/16-12	50	46	50

S150H

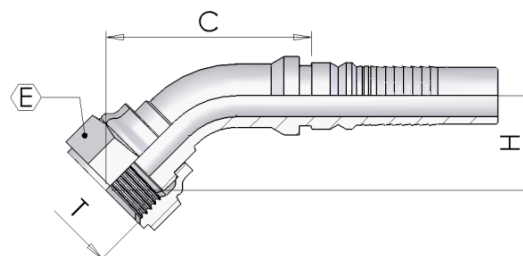


ORFS 90° Swept Elbow

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
S150H12-14	3/4	19.0	12	1.3/16-12	36	49	54
S150H16-15	1	25.4	16	1.7/16-12	41	66	69
S150H20-21	1.1/4	31.8	20	1.11/16-12	50	80	87
S150H24-32	1.1/2	38.1	24	2-12	60	102	111

S250H

ORFS 45° Swept Elbow

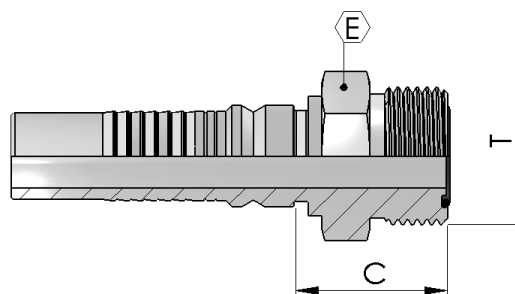


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
S250H12-14	3/4	19.0	12	1.3/16-12	36	23	84
S250H16-15	1	25.4	16	1.7/16-12	41	33	107
S250H20-21	1.1/4	31.8	20	1.11/16-12	50	37	130
S250H24-32	1.1/2	38.1	24	2-12	60	50	165

Dado Libero

S350H

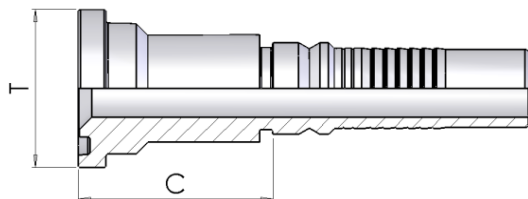
ORFS Male



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
S350H12-14	3/4	19.0	12	1.3/16-12	32	34
S350H16-15	1	25.4	16	1.7/16-12	38	35
S350H20-21	1.1/4	31.8	20	1.11/16-12	46	36

1250H

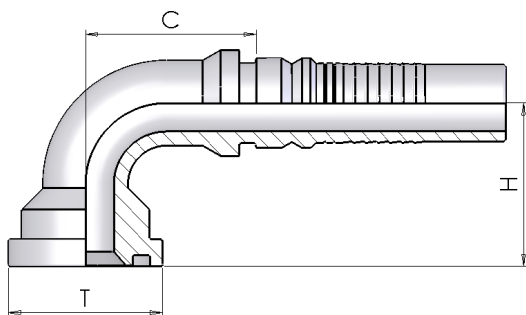
Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dash size	Dimensions		Cut-Off
	in	mm		Flange T	mm	
1250H12-12	3/4	19.0	12	3/4	38.1	47
1250H12-16	3/4	19.0	12	1	44.5	50
1250H16-16	1	25.4	16	1	44.5	52
1250H16-20	1	25.4	16	1.1/4	50.8	55
1250H20-20	1.1/4	31.8	20	1.1/4	50.8	56
1250H20-24	1.1/4	31.8	20	1.1/2	60.3	59
1250H24-24	1.1/2	38.1	24	1.1/2	60.3	60
1250H24-32	1.1/2	38.1	24	2	71.4	65
1250H32-32	2	50.8	32	2	71.4	67

1050H

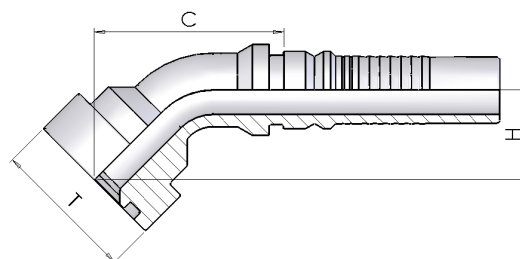
90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dash size	Dimensions		Drop H	Cut-Off C
	in	mm		Flange T	mm		
1050H12-12	3/4	19.0	12	3/4	38.1	52	52
1050H12-16	3/4	19.0	12	1	44.5	56	55
1050H16-16	1	25.4	16	1	44.5	65	73
1050H16-20	1	25.4	16	1.1/4	50.8	71	69
1050H20-20	1.1/4	31.8	20	1.1/4	50.8	78	93
1050H20-24	1.1/4	31.8	20	1.1/2	60.3	80	97
1050H24-24	1.1/2	38.1	24	1.1/2	60.3	95	100
1050H24-32	1.1/2	38.1	24	2	71.4	101	134
1050H32-32	2	50.8	32	2	71.4	121	122

1150H

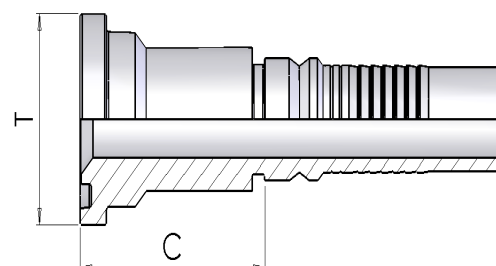
45° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1150H12-12	3/4	19.0	12	3/4	38.1	25	81
1150H12-16	3/4	19.0	12	1	44.5	28	86
1150H16-16	1	25.4	16	1	44.5	35	107
1150H16-20	1	25.4	16	1.1/4	50.8	37	113
1150H20-20	1.1/4	31.8	20	1.1/4	50.8	37	136
1150H20-24	1.1/4	31.8	20	1.1/2	60.3	40	136
1150H24-24	1.1/2	38.1	24	1.1/2	60.3	44	159
1150H24-32	1.1/2	38.1	24	2	71.4	47	159
1150H32-32	2	50.8	32	2	71.4	56	182

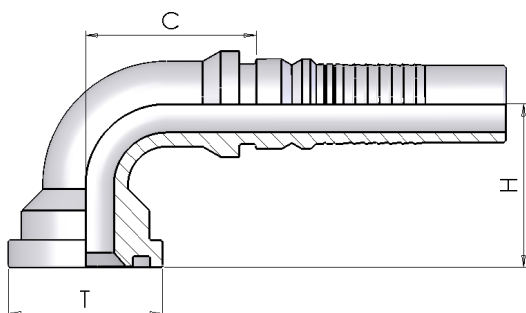
1300H

Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1300H12-12	3/4	19.0	12	3/4	41.3	51
1300H12-16	3/4	19.0	12	1	47.6	57
1300H16-12	1	25.4	16	3/4	41.3	52
1300H16-16	1	25.4	16	1	47.6	59
1300H16-20	1	25.4	16	1.1/4	54	66
1300H20-16	1.1/4	31.8	20	1	47.6	60
1300H20-20	1.1/4	31.8	20	1.1/4	54	67
1300H20-24	1.1/4	31.8	20	1.1/2	63.5	73
1300H24-20	1.1/2	38.1	24	1.1/4	54	75
1300H24-24	1.1/2	38.1	24	1.1/2	63.5	74
1300H24-32	1.1/2	38.1	24	2	79.4	82
1300H32-32	2	50.8	32	2	79.4	84

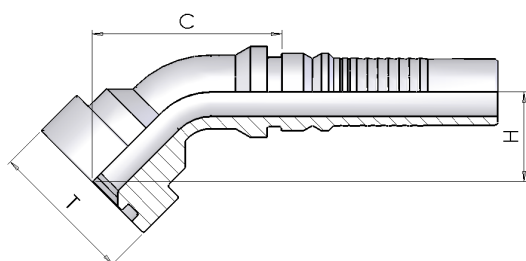
1100H



90° SAE Flange 6000 PSI

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1100H12-12	3/4	19.0	12	3/4	41.3	55	53
1100H12-16	3/4	19.0	12	1	47.6	63	52
1100H16-12	1	25.4	16	3/4	41.3	66	73
1100H16-16	1	25.4	16	1	47.6	72	74
1100H16-20	1	25.4	16	1.1/4	54	79.5	73
1100H20-16	1.1/4	31.8	20	1	47.6	80	93
1100H20-20	1.1/4	31.8	20	1.1/4	54	84,5	93
1100H20-24	1.1/4	31.8	20	1.1/2	63.5	90	98
1100H24-24	1.1/2	38.1	24	1.1/2	63.5	101	114
1100H24-32	1.1/2	38.1	24	2	79.4	115	115
1100H32-32	2	50.8	32	2	79.4	138	124

1200H

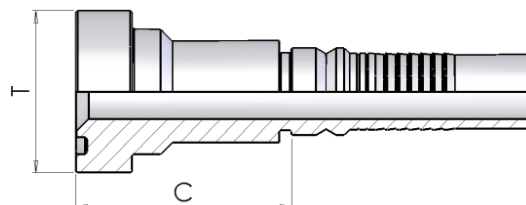


45° SAE Flange 6000 PSI

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1200H12-12	3/4	19.0	12	3/4	41.3	28	85
1200H12-16	3/4	19.0	12	1	47.6	34	88
1200H16-12	1	25.4	16	3/4	41.3	35	107
1200H16-16	1	25.4	16	1	47.6	34	112
1200H16-20	1	25.4	16	1.1/4	54	40	117
1200H20-16	1.1/4	31.8	20	1	47.6	42	117
1200H20-20	1.1/4	31.8	20	1.1/4	54	43	139
1200H20-24	1.1/4	31.8	20	1.1/2	63.5	48	144
1200H24-24	1.1/2	38.1	24	1.1/2	63.5	50	167
1200H24-32	1.1/2	38.1	24	2	79.4	64	166
1200H32-32	2	50.8	32	2	79.4	72	200

130SH

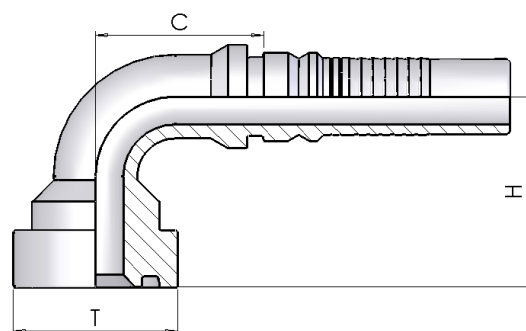
Straight 'CAT' Flange



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
130SH12-12	3/4	19.0	12	3/4	41.3	55
130SH12-16	3/4	19.0	12	1	47.6	62
130SH16-16	1	25.4	16	1	47.6	63
130SH16-20	1	25.4	16	1.1/4	54	70
130SH20-20	1.1/4	31.8	20	1.1/4	54	71
130SH24-24	1.1/2	38.1	24	1.1/2	64	78

110SH

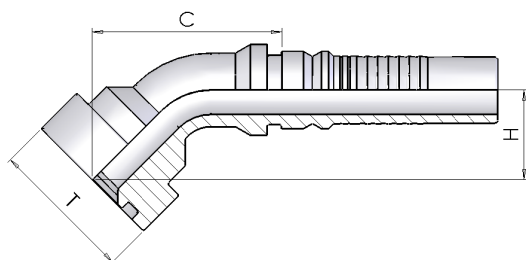
90° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
110SH12-12	3/4	19.0	12	3/4	41.3	62	51
110SH16-16	1	25.4	16	1	47.6	75	73.2
110SH16-20	1	25.4	16	1.1/4	54	82	74
110SH20-20	1.1/4	31.8	20	1.1/4	54	89	93
110SH24-24	1.1/2	38.1	24	1.1/2	63.5	100	115

120SH

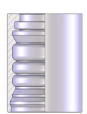
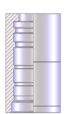
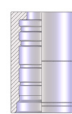
45° 'CAT' Flange

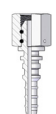
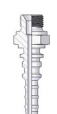


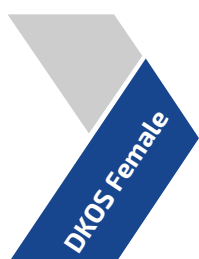
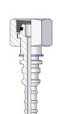
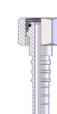
Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
120SH12-12	3/4	19.0	12	3/4	41.3	30	89
120SH16-16	1	25.4	16	1	47.6	38	115
120SH20-20	1.1/4	31.8	20	1.1/4	54	47	142
120SH24-24	1,1/2	38.1	24	1.1/2	63.5	52	169

Hyblast Tail



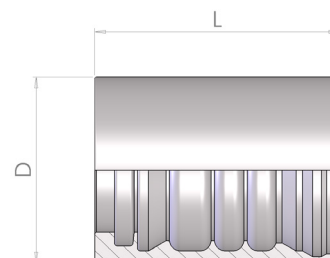
 Ferrule Boccia	00S4  Swaged Ferrule (skive) 111	00Y4  Swaged Ferrule (skive) 111	00Y6  Swaged Ferrule (skive) 112	 BSPP Female
--	--	--	---	---

0050W  BSP Female 60° cone Thrust Wire 112	 BSPP Male	0350W  BSP Male Parallel 60° cone 112	 NPTF Male	0370W  NPTF Male 60° cone 113
--	---	---	--	---

0370Y  NPTF Male 60° cone 113	 DKOS Female	0084W  Metric Female 24° Seat Heavy 114	0084Y  Metric Female 24° Seat Heavy 114
---	---	---	---

00S4

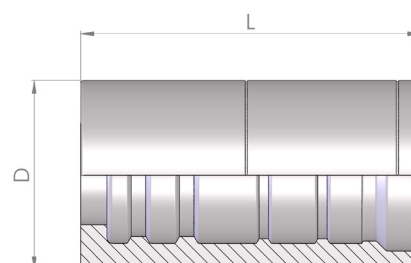
Swaged Ferrule (Skive)



Part number	Hose I.D.		Dimensions	
	in	mm	D	L
00S4-06	3/8	9.5	28	45.5
00S4-08	1/2	12.7	33	50.3
00S4-12	3/4	19	41	56
00S4-16	1	25.4	51	67.2

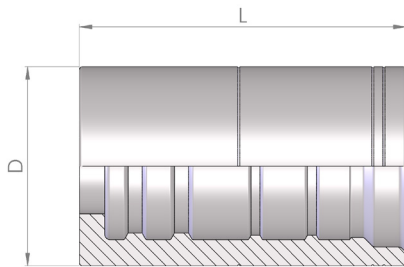
00Y4

Swaged Ferrule (Skive)



Part number	Hose I.D.		Dimensions	
	in	mm	D	L
00Y4-06	3/8	9.5	32.5	58.5
00Y4-08	1/2	12.7	36.5	62
00Y4-12	3/4	19	43.8	69

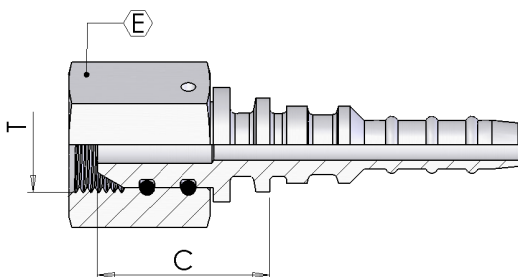
00Y6



Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions	
	in	mm	D	L
00Y6-06	3/8	9.5	35.5	58.5
00Y6-08	1/2	12.7	39.8	62
00Y6-12	3/4	19	47	69

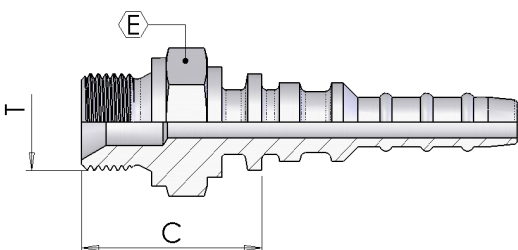
0050W



BSP Female 60° Cone - Thrust Wire

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0050W08-08	1/2	12.7	08	1/2-14	30	33
0050W12-12	3/4	19	12	3/4-14	32	37
0050W16-16	1	25.4	16	1-11	38	40

0350W

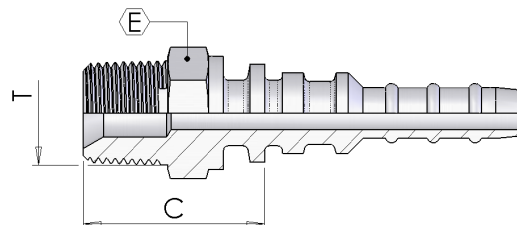


BSP Male Parallel 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Cut-Off C	T	E
0350W08-08	1/2	12.7	08	36	1/2-14	27
0350W12-12	3/4	19	12	39	3/4-14	32

0370W

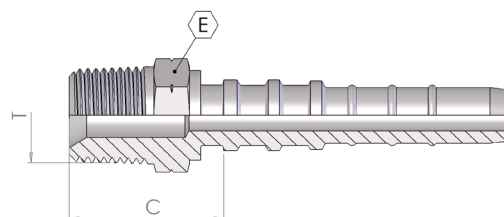
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Cut-Off C	T	E
0370W06-06	3/8	9.5	06	30	3/8-18	19
0370W08-08	1/2	12.7	08	39	1/2-14	22
0370W12-12	3/4	19	12	40	3/4-14	27
0370W16-16	1	25.4	16	49	1-11.1/2	38

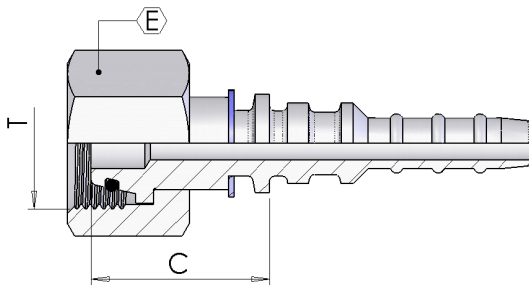
0370Y

NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Cut-Off C	T	E
0370Y06-06	3/8	9.5	06	29	3/8-18	19
0370Y08-08	1/2	12.7	08	35	1/2-14	22
0370Y12-12	3/4	19	12	37	3/4-14	27

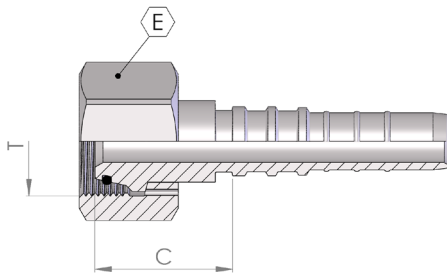
0084W



Metric Female 24° - Seat Heavy

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Erm	Cut-Off C	T	E
0084W06-20	3/8	9.5	06	12	29	M20-1.5	24
0084W06-22	3/8	9.5	06	14	31	M22-1.5	27
0084W06-24	3/8	9.5	06	16	31	M24-1.5	30
0084W08-24	1/2	12.7	08	16	33	M24-1.5	30
0084W12-36	3/4	19	12	25	43	M36-2	46

0084Y



Metric Female 24° - Seat Heavy

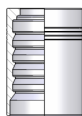
Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Erm	Cut-Off C	T	E
0084Y06-24	3/8	9.5	06	16	39	M24-1.5	32
0084Y08-24	1/2	12.7	08	16	39	M24-1.5	34
0084Y12-36	3/4	19	12	25	45	M36-2	46

Multispiral Tail





0019

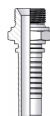


Swaged Ferrule
(skive)

118



0350M



BSP Male Parallel 60°
cone

118

0050M



BSP Female 60° cone
Thrust Wire

119

0150M



BSP 90° Swept Elbow
60° cone Thrust Wire

119

0250M



BSP 45° Swept Elbow
60° cone Thrust Wire

120



0850M



JIC Male 74° cone

120

0900M



JIC Female 74° cone
Thrust Wire

121

0950M



JIC 90° Swept Elbow
74° cone Thrust Wire

121

1000M



JIC 45° Swept Elbow
74° cone Thrust Wire

122



0370M



NPTF Male 60° cone

122



0450M



Metric Male 24° Seat
Heavy

123

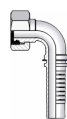
0084M



Metric Female 24°
Seat Heavy

123

0184M



90° Metric Swept EL-
bow 24° Seat Heavy

124

0284M



45° Metric Swept EL-
bow 24° Seat Heavy

124



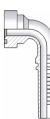
1250M



Straight SAE Flange
3000 PSI

125

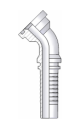
1050M



90° SAE Flange 3000
PSI

125

1150M



45° SAE Flange 3000
PSI

126

1300M



Straight SAE Flange
6000 PSI

126

1100M



90° SAE Flange 6000
PSI

127

1200M



45° SAE Flange 6000
PSI

127



130SM



Straight 'CAT' Flange

128

110SM



90° 'CAT' Flange

128

120SM

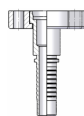


45° 'CAT' Flange

129



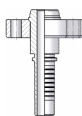
F432M - F434M



POCLAIN Male Flange

129

F032M - F034M



POCLAIN Female
Flange

130

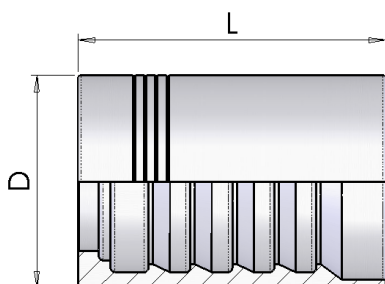
F132M - F134M



90° POCLAIN Female
Flange

130

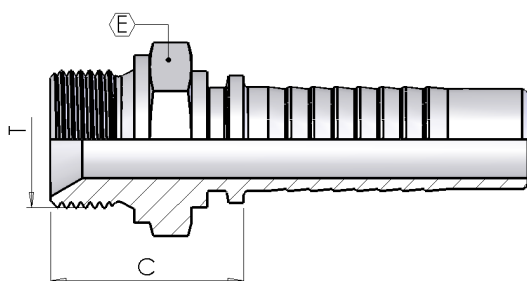
0019



Swaged Ferrule (Skive)

Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Lenght
0019-04	1/4	6.4	21	40	30
0019-06	3/8	9.5	25.4	43	31
0019-08	1/2	12.7	30	45	34
0019-10	5/8	15.9	33.4	50	38
0019-12	3/4	19.0	38	55	39
0019-16	1	25.4	46	75	56

0350M



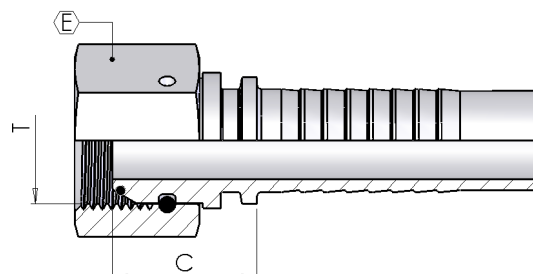
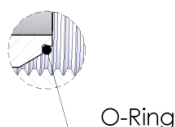
BSP Male Parallel 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0350M04-04	1/4	6.4	04	1/4-19	19	28
0350M06-06	3/8	9.5	06	3/8-19	22	30
0350M08-08	1/2	12.7	08	1/2-14	27	33
0350M12-12	3/4	19.0	12	3/4-14	32	37
0350M16-16	1	25.4	16	1-11	41	42

0050M

BSP Female 60° Cone - Thrust Wire

(*)- BSP female with O-Ring



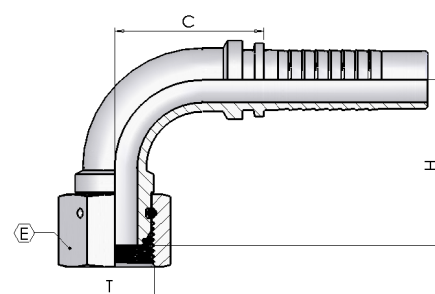
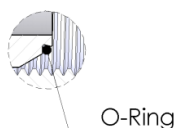
Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0050M04-04	1/4	6.4	04	1/4-19	19	20
0050M06-06	3/8	9.5	06	3/8-19	22	21
0050M08-08	1/2	12.7	08	1/2-14	27	23
0050M12-12	3/4	19.0	12	3/4-14	32	27
0050M16-16	1	25.4	16	1-11	38	30

(*)

0150M

BSP 90° Swept Elbow 60° Cone - Thrust Wire

(*)- BSP female with O-Ring

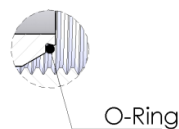
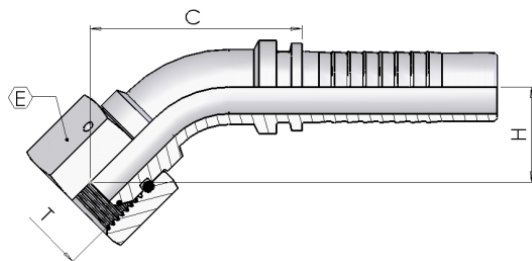


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0150M04-04	1/4	6.4	04	1/4-19	19	28	26
0150M06-06	3/8	9.5	06	3/8-19	22	34	35
0150M08-08	1/2	12.7	08	1/2-14	27	40	40
0150M10-10	5/8	15.9	10	5/8-14	30	46	46
0150M12-12	3/4	19.0	12	3/4-14	32	56	58
0150M16-16	1	25.4	16	1-11	38	68	72

(*)

0250M

BSP 45° Swept Elbow 60° Cone - Thrust Wire



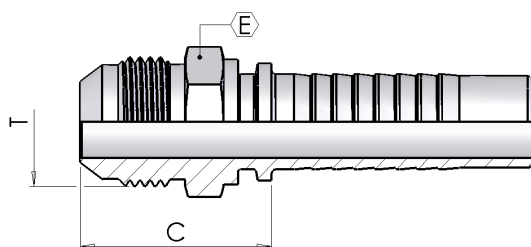
(*)- BSP female with O-Ring

(*)

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0250M04-04	1/4	6.4	04	1/4-19	19	16	43
0250M06-06	3/8	9.5	06	3/8-19	22	19	54
0250M08-08	1/2	12.7	08	1/2-14	27	23	67
0250M10-10	5/8	15.9	10	5/8-14	30	24	70
0250M12-12	3/4	19.0	12	3/4-14	32	29	87
0250M16-16	1	25.4	16	1-11	38	35	108

0850M

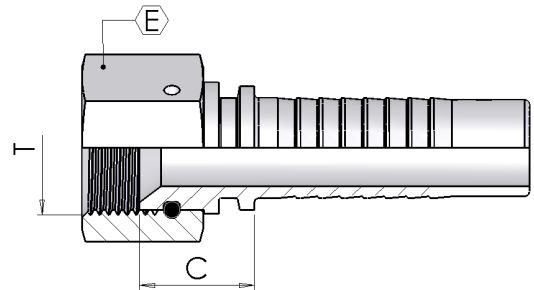
JIC Male 74° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0850M04-04	1/4	6.4	04	7/16-20	12	28
0850M06-06	3/8	9.5	06	9/16-18	15	28
0850M06-08	3/8	9.5	06	3/4-16	19	32
0850M08-08	1/2	12.7	08	3/4-16	19	32
0850M08-10	1/2	12.7	08	7/8-14	24	36
0850M10-10	5/8	15.9	10	7/8-14	24	36
0850M10-12	5/8	15.9	10	1.1/16-12	27	40
0850M12-12	3/4	19.0	12	1.1/16-12	27	40
0850M12-16	1	25.4	16	1.5/16-12	34	43
0850M16-16	1	25.4	16	1.5/16-12	34	45

0900M

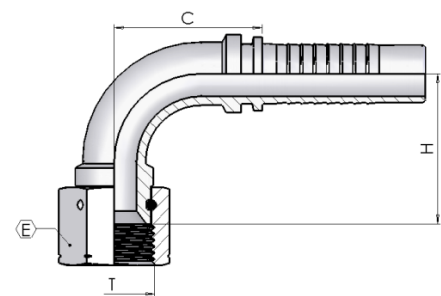
JIC Female 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0900M04-04	1/4	6.4	04	7/16-20	17	16
0900M06-06	3/8	9.5	06	9/16-18	19	18
0900M08-08	1/2	12.7	08	3/4-16	24	20
0900M08-10	1/2	12.7	08	7/8-14	27	21
0900M10-10	5/8	15.9	10	7/8-14	27	21
0900M10-12	5/8	15.9	10	1.1/16-12	32	22
0900M12-12	3/4	19.0	12	1.1/16-12	32	23
0900M12-16	3/4	19.0	12	1.5/16-12	41	26
0900M16-16	1	25.4	16	1.5/16-12	41	27

0950M

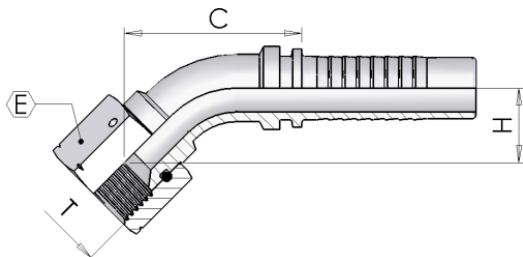
JIC 90° Swept Elbow 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
0950M04-04	1/4	6.4	04	7/16-20	17	26	26
0950M06-06	3/8	9.5	06	9/16-18	19	33	35
0950M08-08	1/2	12.7	08	3/4-16	24	39	40
0950M08-10	1/2	12.7	08	7/8-14	27	41	40
0950M10-10	5/8	15.9	10	7/8-14	27	45	46
0950M12-12	3/4	19.0	12	1.1/16-12	32	54	58
0950M16-16	1	25.4	16	1.5/16-12	41	68	72

1000M

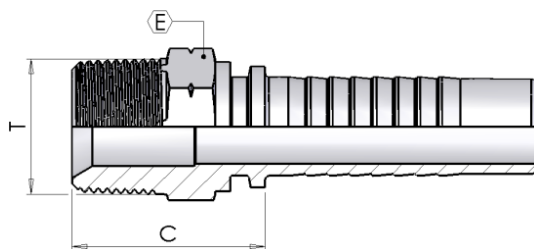
JIC 45° Swept Elbow 74° Cone-Thrust Wire



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
1000M04-04	1/4	6.4	04	7/16-20	17	15	42
1000M06-06	3/8	9.5	06	9/16-18	19	18	53
1000M08-08	1/2	12.7	08	3/4-16	24	23	66
1000M08-10	1/2	12.7	08	7/8-14	27	23	67
1000M10-10	5/8	15.9	10	7/8-14	27	23	69
1000M12-12	3/4	19.0	12	1.1/16-12	32	28	85
1000M16-16	1	25.4	16	1.5/16-12	41	36	109

0370M

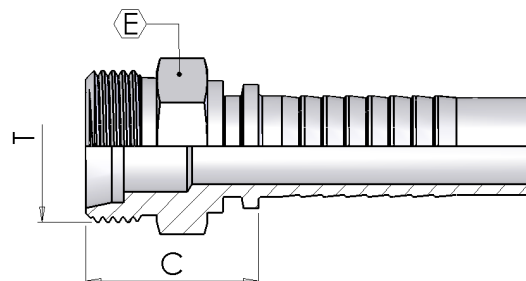
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0370M04-04	1/4	6.4	04	1/4-18	15	29
0370M04-06	1/4	6.4	04	3/8-18	19	29
0370M06-06	3/8	9.5	06	3/8-18	19	29
0370M08-08	1/2	12.7	08	1/2-14	22	35
0370M12-12	3/4	19.0	12	3/4-14	27	39
0370M16-16	1	25.4	16	1-11.1/2	36	46

0450M

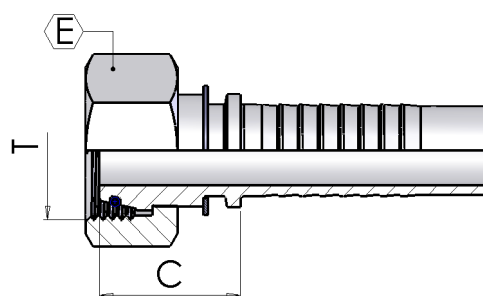
Metric Male 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0450M08-24	1/2	12.7	08	M24-1.5	16	24	32
0450M10-30	5/8	15.9	10	M30-2	20	30	34
0450M12-30	3/4	19.0	12	M30-2	20	36	36
0450M12-36	3/4	19.0	12	M36-2	25	36	40
0450M16-42	1	25.4	16	M42-2	30	46	44

0084M

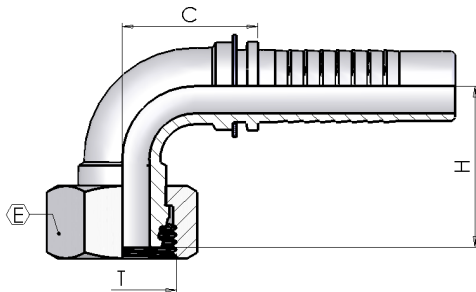
Metric Female 24° -Seat Heavy



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C
0084M04-16	1/4	6.4	04	M16-1.5	8	19	27
0084M06-20	3/8	9.5	06	M20-1.5	12	24	25
0084M08-24	1/2	12.7	08	M24-1.5	16	30	29
0084M10-30	5/8	15.9	10	M30-2	20	36	34
0084M12-30	3/4	19.0	12	M30-2	20	36	35
0084M12-36	3/4	19.0	12	M36-2	25	46	41
0084M16-36	1	25.4	16	M36-2	25	46	43
0084M16-42	1	25.4	16	M42-2	30	50	45

0184M

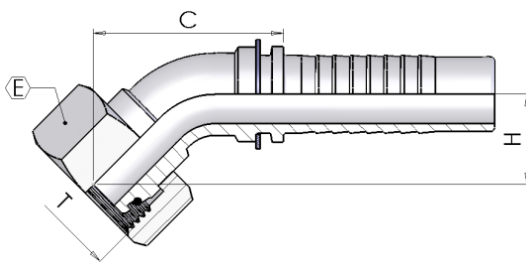
90° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0184M04-16	1/4	6.4	04	M16-1.5	8	19	26	28
0184M06-20	3/8	9.5	06	M20-1.5	12	24	33	35
0184M08-24	1/2	12.7	08	M24-1.5	16	30	38	42
0184M10-30	5/8	15.9	10	M30-2	20	36	50	47
0184M12-30	3/4	19.0	12	M30-2	20	36	56	59
0184M12-36	3/4	19.0	12	M36-2	25	46	59	58
0184M16-42	1	25.4	16	M42-2	30	50	67	74

0284M

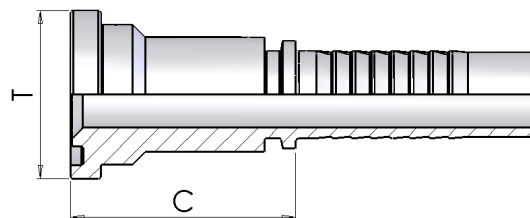
45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Drop H	Cut-Off C
0284M04-16	1/4	6.4	04	M16-1.5	8	19	15	38
0284M06-20	3/8	9.5	06	M20-1.5	12	24	19	45
0284M08-24	1/2	12.7	08	M24-1.5	16	30	21	64
0284M10-30	5/8	15.9	10	M30-2	20	36	29	74
0284M12-30	3/4	19.0	12	M30-2	20	36	30	91
0284M12-36	3/4	19.0	12	M36-2	25	46	31	91
0284M16-42	1	25.4	16	M42-2	30	50	33	107

1250M

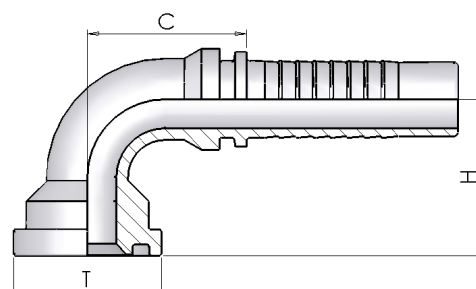
Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1250M08-08	1/2	12.7	08	1/2	30,2	46
1250M12-12	3/4	19.0	12	3/4	38.1	51
1250M12-16	3/4	19.0	12	1	44.5	54
1250M16-16	1	25.4	16	1	44.5	56
1250M16-20	1	25.4	16	1.1/4	50.8	59

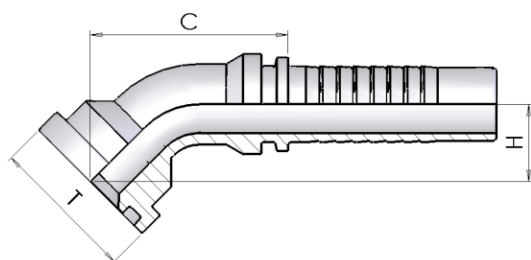
1050M

90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1050M08-08	1/2	12.7	08	1/2	30,2	39	40
1050M12-12	3/4	19.0	12	3/4	38.1	53	58
1050M12-16	3/4	19.0	12	1	44.5	58	58
1050M16-16	1	25.4	16	1	44.5	65	72
1050M16-20	1	25.4	16	1.1/4	50.8	70	72

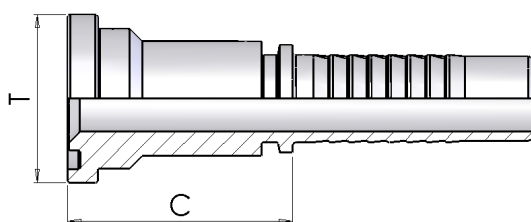
1150M



45° SAE Flange 3000 PSI

Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1150M08-08	1/2	12.7	08	1/2	30,2	22	63
1150M12-12	3/4	19.0	12	3/4	38.1	27	84
1150M12-16	3/4	19.0	12	1	44.5	30	88
1150M16-16	1	25.4	16	1	44.5	33	106
1150M16-20	1	25.4	16	1.1/4	50.8	37	110

1300M

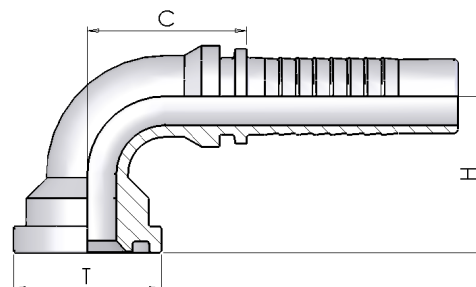


Straight SAE Flange 6000 PSI

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
1300M08-08	1/2	12.7	08	1/2	31,8	47
1300M10-12	5/8	15.9	10	3/4	41.3	54
1300M12-12	3/4	19.0	12	3/4	41.3	55
1300M12-16	3/4	19.0	12	1	47.6	61
1300M16-16	1	25.4	16	1	47.6	63
1300M16-20	1	25.4	16	1.1/4	54	70

1100M

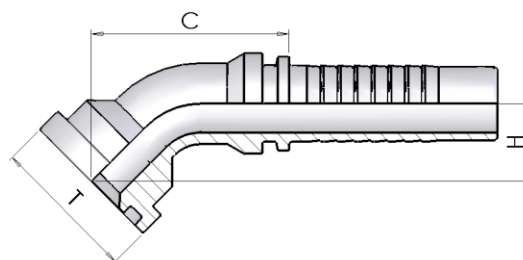
90° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1100M08-08	1/2	12.7	08	1/2	31,8	39	40
1100M10-12	5/8	15.9	10	3/4	41.3	51	46
1100M12-12	3/4	19.0	12	3/4	41.3	57	58
1100M12-16	3/4	19.0	12	1	47.6	63	56
1100M16-16	1	25.4	16	1	47.6	69	72
1100M16-20	1	25.4	16	1.1/4	54	77	72

1200M

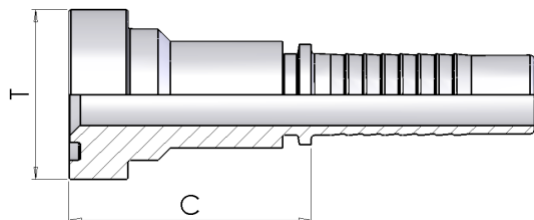
45° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
1200M08-08	1/2	12.7	08	1/2	31,8	22	66
1200M10-12	5/8	15.9	10	3/4	41.3	27	73
1200M12-12	3/4	19.0	12	3/4	41.3	30	87
1200M12-16	3/4	19.0	12	1	47.6	34	94
1200M16-16	1	25.4	16	1	47.6	37	109
1200M16-20	1	25.4	16	1.1/4	54	41	115

130SM

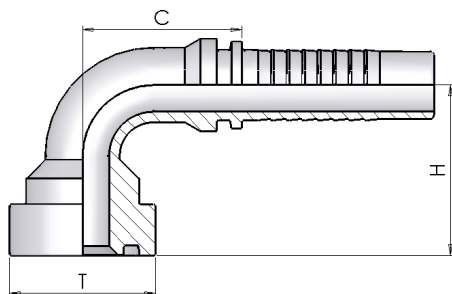
Straight 'CAT' Flange



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange T	mm	Cut-Off C
130SM12-12	3/4	19.0	12	3/4	41	59
130SM12-16	3/4	19.0	12	1	48	66
130SM16-16	1	25.4	16	1	48	67
130SM16-20	1	25.4	16	1.1/4	54	75

110SM

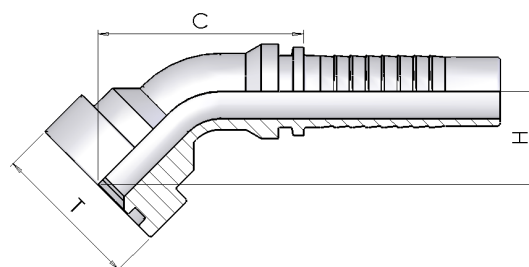
90° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
110SM12-12	3/4	19.0	12	3/4	41	60	58
110SM12-16	3/4	19.0	12	1	48	67	58
110SM16-16	1	25.4	16	1	48	74	80
110SM16-20	1	25.4	16	1.1/4	54	80	79

120SM

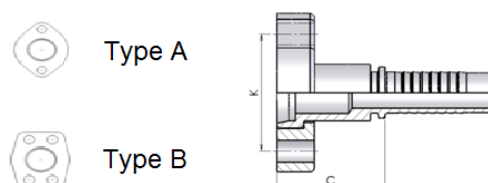
45° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	mm	Drop H	Cut-Off C
120SM12-12	3/4	19.0	12	3/4	41	32	90
120SM12-16	3/4	19.0	12	1	48	33	97
120SM16-16	1	25.4	16	1	48	40	121
120SM16-20	1	25.4	16	1.1/4	54	44	124

F432M - F434M

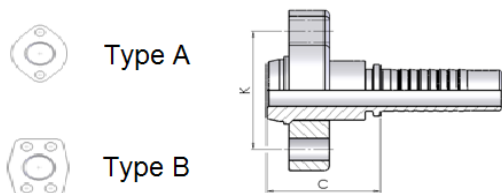
POCLAIN Male Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	N° screws	Cut-Off C	K
F432M08-08	1/2	12.7	08	1/2	A	41	44
F432M10-10	5/8	15.9	10	5/8	A	41	44
F432M12-12	3/4	19.0	12	3/4	A	52	56
F432M16-16	1	25.4	16	1	A	64	64
F432M20-20	1.1/4	31.8	20	1.1/4	A	70	74
F434M08-08	1/2	12.7	08	1/2	B	41	40
F434M10-10	5/8	15.9	10	5/8	B	41	40
F434M12-12	3/4	19.0	12	3/4	B	52	51
F434M16-16	1	25.4	16	1	B	64	57
F434M20-20	1.1/4	31.8	20	1.1/4	B	70	67

F032M - F034M

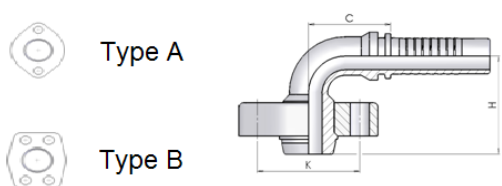
POCLAIN Female Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	N° screws	Cut-Off C	K
F032M08-08	1/2	12.7	08	1/2	A	45	44
F032M10-10	5/8	15.9	10	5/8	A	44	44
F032M12-12	3/4	19.0	12	3/4	A	51	56
F032M16-16	1	25.4	16	1	A	62	64
F032M20-20	1.1/4	31.8	20	1.1/4	A	70	67
F034M08-08	1/2	12.7	08	1/2	B	45	40
F034M10-10	5/8	15.9	10	5/8	B	44	40
F034M12-12	3/4	19.0	12	3/4	B	51	51
F034M16-16	1	25.4	16	1	B	62	57
F034M20-20	1.1/4	31.8	20	1.1/4	B	82	67

F132M - F134M

90°POCLAIN Female Flange



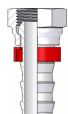
Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Flange T	Drop H	N° screws	Cut-Off C	K
F132M08-08	1/2	12.7	08	1/2	50	A	40	44
F132M10-10	5/8	15.9	10	5/8	52	A	48	44
F132M12-12	3/4	19.0	12	3/4	62	A	63	56
F132M16-16	1	25.4	16	1	81	A	80	64
F132M20-20	1.1/4	31.8	20	1.1/4	96	A	98	74
F134M08-08	1/2	12.7	08	1/2	50	B	40	40
F134M10-10	5/8	15.9	10	5/8	52	B	48	40
F134M12-12	3/4	19.0	12	3/4	62	B	63	51
F134M16-16	1	25.4	16	1	81	B	80	57
F134M20-20	1.1/4	31.8	20	1.1/4	96	B	98	67

Low
Pressure





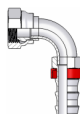
P050



BSP Female 60° cone - UniLock

133

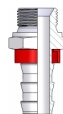
P150



BSP 90° Swept elbow 60° cone - UniLock

133

P350



BSP Male Parallel 60° cone - UniLock

134



A



Aluminium ferrule

135

BA



Steel ferrule

136



0345B



BSP Male - Flat Seat

137

0350B



BSP Male Parallel 60° cone

138



0051B



BSP Female 60° cone

139

0151B



BSP 90° Swept elbow 60° cone

140

0251B



BSP 45° Swept Elbow 60° Cone

141

0060B



BSP Female Flat Seal

142

0160B



BSP 90° Swept elbow flat seat

142

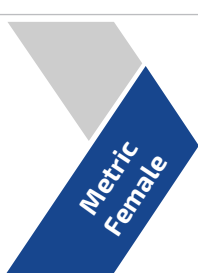


0400B



Metric Male 60° cone

143



0100B



Metric Female 60° cone

143

0200B



90° Metric Swept Elbow 60° cone

144

0300B



45° Metric Swept Elbow 60° cone

144



1350B



Metric Banjo

145

1400B

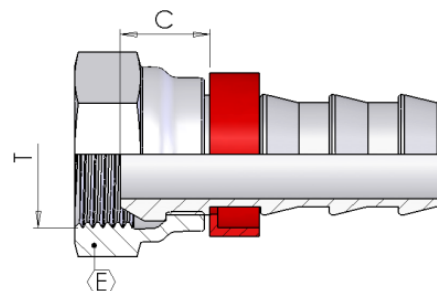


BSP Banjo

145

P050

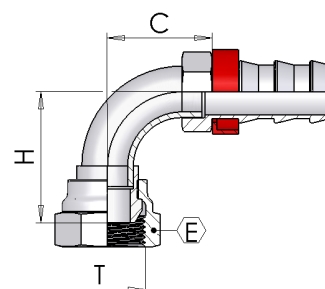
BSP Female 60° Cone - UniLock



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
P050-04-04	1/4	6.4	04	1/4-19	17	10
P050-06-06	3/8	9.5	06	3/8-19	19	10
P050-08-08	1/2	12.7	08	1/2-14	27	13
P050-12-12	3/4	19	12	3/4-14	32	16
P050-16-16	1	25.4	16	1-11	38	15

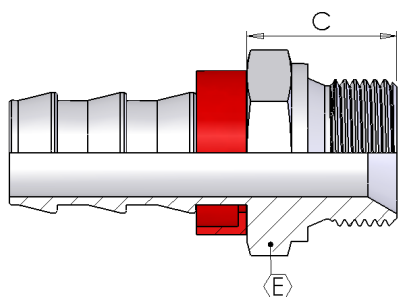
P150

BSP 90° Swept Elbow 60° Cone - UniLock



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	Drop H	Cut-Off C
P150-04-04	1/4	6.4	04	1/4-19	17	26	20
P150-06-06	3/8	9.5	06	3/8-19	19	28	21
P150-08-08	1/2	12.7	08	1/2-14	27	35	26
P150-12-12	3/4	19	12	3/4-14	32	46	37
P150-16-16	1	25.4	16	1-11	38	55	44

P350

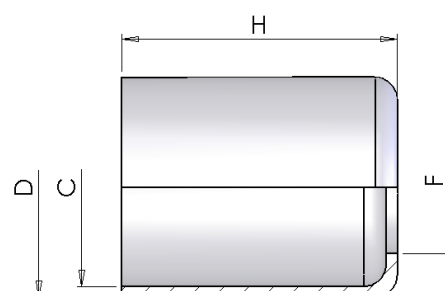


BSP Male Parallel 60° Cone - UniLock

Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
P350-04-04	1/4	6.4	04	1/4-19	19	20
P350-06-06	3/8	9.5	06	3/8-19	22	22
P350-08-08	1/2	12.7	08	1/2-14	27	25
P350-12-12	3/4	19	12	3/4-14	32	27
P350-16-16	1	25.4	16	1-11	41	30

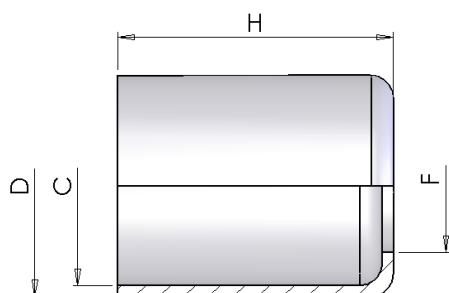
A

Aluminium ferrule



Part number	Dimensions			
	C	D	F	H
A11x13	11	13	8	16
A12x14	12	14	8	17
A13x15	13	15	9	20
A14x16	14	16	9	20
A15x17	15	17	11	20
A16x18	16	18	12	23
A17x19	17	19	12	23
A18x20	18	20	12	23
A19x21	19	21	15	25
A20x22	20	22	15	25
A21x23	21	23	15	25
A22x24	22	24	15	25
A23x25	23	25	16	26
A24x26	24	26	15	26
A26x28	26	28	20	30
A27x29	27	29	20	30
A28x30	28	30	20	30
A30x32	30	32	21	30
A32x34	32	34	22	30
A34x36	34	36	27	35
A36x38	36	38	26	36
A38x40	38	40	27	36
A42x45	42	45	32	40

BA

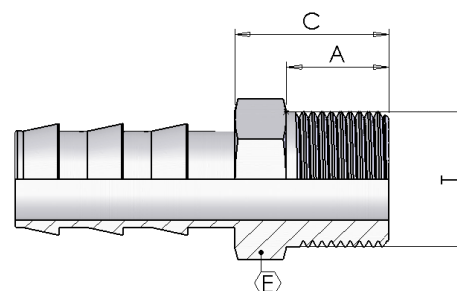


Steel ferrule

Part number	Dimensions			
	C	D	F	H
BA-021-024	21	24	16	31
BA-022-025	22	25	16	31
BA-024-027	24	27	18	31
BA-027-030	27	30	20	34
BA-029-032	29	32	21	35
BA-032-035	32	35	23	36
BA-035-038	35	38	27	36
BA-037-040	37	40	28	38
BA-039-042	39	42	29	40
BA-042-045	42	45	32	42
BA-046-050	46	50	34	46
BA-048-052	48	52	35	46
BA-051-055	51	55	42	48
BA-056-060	56	60	43	50
BA-060-065	60	65	45	51
BA-065-070	65	70	53	54
BA-070-075	70	75	55	56
BA-077-082	77	82	65	61
BA-080-085	80	85	68	64
BA-085-090	85	90	68	63
BA-095-100	95	100	78	68
BA-100-105	100	105	84	76

0345B

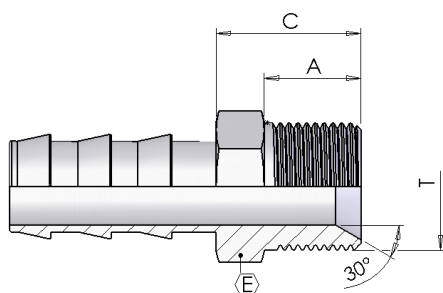
BSP Male - Flat Seat



Part number	Hose I.D.		Dimensions			
	in	mm	Thread	Hex	Cut-Off	A
			T	E	C	
0345B04-02	1/4	6.4	1/8	14	16	10
0345B04-04	1/4	6.4	1/4	14	16	10
0345B05-04	5/16	7.9	1/4	14	16	10
0345B05-06	5/16	7.9	3/8	17	19	12
0345B06-04	3/8	9.5	1/4	17	16	10
0345B06-06	3/8	9.5	3/8	17	19	12
0345B06-08	3/8	9.5	1/2	22	21	13
0345B08-06	1/2	12.7	3/8	19	19	12
0345B08-08	1/2	12.7	1/2	22	21	13
0345B10-06	5/8	15.9	3/8	19	19	12
0345B10-08	5/8	15.9	1/2	22	21	13
0345B10-12	5/8	15.9	3/4	27	21	15
0345B12-08	3/4	19	1/2	24	21	13
0345B12-12	3/4	19	3/4	27	23	15
0345B12-16	3/4	19	1	34	25	16
0345B16-12	1	25.4	3/4	30	23	15
0345B16-16	1	25.4	1	34	25	16
0345B20-12	1.1/4	31.8	3/4	34	23	15
0345B20-16	1.1/4	31.8	1	36	26	16
0345B20-20	1.1/4	31.8	1.1/4	42	27	17
0345B24-20	1.1/2	38.1	1.1/4	42	27	17
0345B24-24	1.1/2	38.1	1.1/2	50	29	18
0345B32-32	2	50.8	2	60	31	19
0345B40-40	2.1/2	63,5	2.1/2	75	36	23

0350B

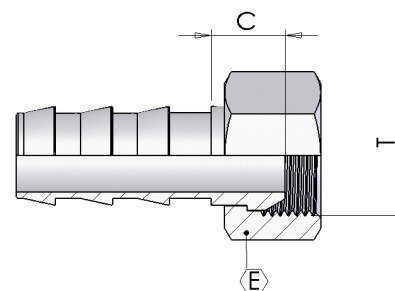
BSP Male Parallel 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Thread T	Hex E	Cut-Off C	A
0350B04-02	1/4	6.4	1/8	14	14	9
0350B04-04	1/4	6.4	1/4	19	16	10
0350B05-04	5/16	7.9	1/4	19	16	10
0350B06-04	3/8	9.5	1/4	19	16	10
0350B06-06	3/8	9.5	3/8	22	18	12

0051B

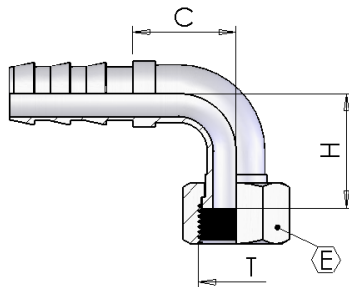
BSP Female 60° Cone



Part number	Hose I.D.		Dimensions		
	in	mm	Thread	Hex	Cut-Off
			T	E	C
0051B03-02	3/16	4.8	1/8	14	9
0051B04-02	1/4	6.4	1/8	14	9
0051B04-04	1/4	6.4	1/4	17	10
0051B05-04	5/16	7.9	1/4	17	10
0051B05-06	5/16	7.9	3/8	19	11
0051B06-06	3/8	9.5	3/8	19	11
0051B06-08	3/8	9.5	1/2	24	12
0051B08-06	1/2	12.7	3/8	19	11
0051B08-08	1/2	12.7	1/2	24	12
0051B10-08	5/8	15.9	1/2	24	12
0051B10-12	5/8	15.9	3/4	30	14
0051B12-12	3/4	19	3/4	30	14
0051B12-16	3/4	19	1	38	15
0051B16-16	1	25.4	1	38	16
0051B20-20	1.1/4	31.8	1.1/4	46	16
0051B20-24	1.1/4	31.8	1.1/2	55	18
0051B24-24	1.1/2	38.1	1.1/2	55	18
0051B32-32	2	50.8	2	65	19
0051B40-40	2.1/2	63.5	2.1/2	85	24
0051B48-48	3	76.2	3	100	26

0151B

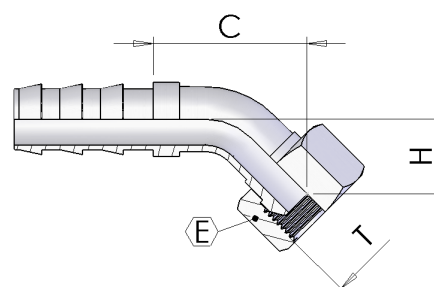
BSP 90° Swept elbow 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Thread	Hex	Drop	Cut-Off
			T	E	H	C
0151B04-04	1/4	6.4	1/4	17	25	28
0151B05-04	5/16	7.9	1/4	17	25	28
0151B05-06	5/16	7.9	3/8	19	32	32
0151B06-06	3/8	9.5	3/8	19	33	33
0151B06-08	3/8	9.5	1/2	24	35	38
0151B08-06	1/2	12.7	3/8	19	35	38
0151B08-08	1/2	12.7	1/2	24	41	43
0151B08-12	1/2	12.7	3/4	30	45	40
0151B10-08	5/8	15.9	1/2	24	41	44
0151B10-12	5/8	15.9	3/4	30	45	40
0151B12-12	3/4	19	3/4	30	49	51
0151B12-16	3/4	19	1	38	49	45
0151B16-12	1	25.4	3/4	32	57	45
0151B16-16	1	25.4	1	38	58	60
0151B16-20	1	25.4	1.1/4	46	64	56
0151B20-20	1.1/4	31.8	1.1/4	46	66	70
0151B24-24	1.1/2	38.1	1.1/2	55	75	70
0151B32-32	2	50.8	2	65	70	66
0151B40-40	2.1/2	63.5	2.1/2	85	85	82

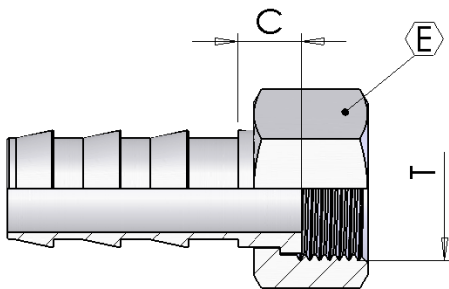
0251B

BSP 45° Swept Elbow 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Thread	Hex	Drop	Cut-Off
			T	E	H	C
0251B04-04	1/4	6.4	1/4	17	17	44
0251B05-06	5/16	7.9	3/8	19	19	50
0251B06-06	3/8	9.5	3/8	19	20	52
0251B06-08	3/8	9.5	1/2	24	23	54
0251B08-06	1/2	12.7	3/8	19	23	54
0251B08-08	1/2	12.7	1/2	24	25	60
0251B10-12	5/8	15.9	3/4	30	28	65
0251B12-12	3/4	19	3/4	30	28	65
0251B12-16	3/4	19	1	38	30	55
0251B16-16	1	25.4	1	38	30	74
0251B20-20	1.1/4	31.8	1.1/4	46	35	72
0251B24-24	1.1/2	38.1	1.1/2	55	35	72
0251B32-32	2	50.8	2	65	50	90

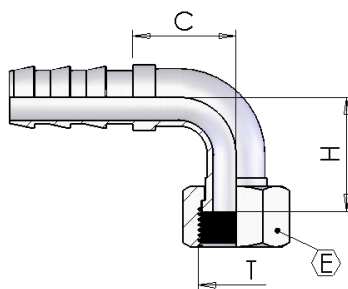
0060B



BSP Female Flat Seal

Part number	Hose I.D.		Dimensions		
	in	mm	Thread T	Hex E	Cut-Off C
0060B04-04	1/4	6.4	1/4	17	7
0060B05-04	5/16	7.9	1/4	17	7
0060B05-06	5/16	7.9	3/8	19	8
0060B06-06	3/8	9.5	3/8	19	8
0060B06-08	3/8	9.5	1/2	24	8
0060B08-08	1/2	12.7	1/2	24	8
0060B10-12	5/8	15.9	3/4	30	9
0060B12-12	3/4	19	3/4	30	9
0060B12-16	3/4	19	1	38	10
0060B16-16	1	25.4	1	38	11
0060B20-20	1.1/4	31.8	1.1/4	46	11
0060B24-24	1.1/2	38.1	1.1/2	55	12
0060B32-32	2	50.8	2	65	12

0160B

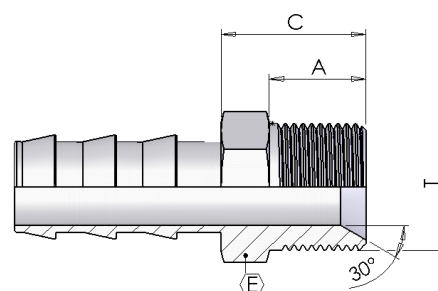


BSP 90° Swept Elbow Flat Seat

Part number	Hose I.D.		Dimensions			
	in	mm	Thread T	Hex E	Drop H	Cut-Off C
0160B08-08	1/2	12.7	1/2	24	35	43
0160B08-12	1/2	12.7	3/4	30	40	40
0160B12-12	3/4	19	3/4	30	40	40
0160B12-16	3/4	19	1	38	45	45

0400B

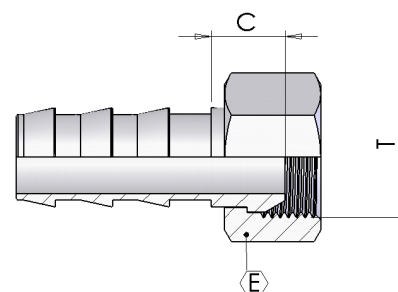
Metric Male 60° Cone



Part number	Hose I.D.		Dimensions			
	in	mm	Thread	Hex	Cut-Off	A
			T	E	C	
0400B04-14	1/4	6.4	M14-1,5	19	17	11
0400B05-14	5/16	7.9	M14-1,5	19	17	11
0400B06-14	3/8	9.5	M14-1,5	19	17	11

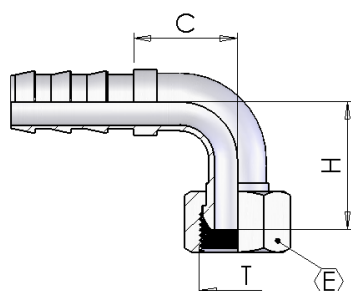
0100B

Metric Female 60° Cone



Part number	Hose I.D.		Dimensions		
	in	mm	Thread	Hex	Cut-Off
			T	E	C
0100B03-10	3/16	4.8	M10-1	14	9
0100B03-12	3/16	4.8	M12-1,5	17	10
0100B04-12	1/4	6.4	M12-1,5	17	10
0100B04-14	1/4	6.4	M14-1,5	17	10
0100B05-14	5/16	7.9	M14-1,5	17	10
0100B05-16	5/16	7.9	M16-1,5	19	11
0100B06-18	3/8	9.5	M18-1,5	22	11
0100B08-18	1/2	12.7	M18-1,5	22	12
0100B08-22	1/2	12.7	M22-1,5	27	12
0100B10-22	5/8	15.9	M22-1,5	27	12
0100B10-26	5/8	15.9	M26-1,5	32	14
0100B12-26	3/4	19	M26-1,5	32	14

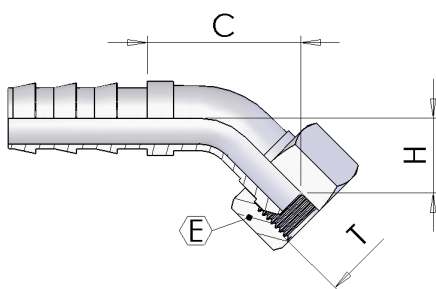
0200B



90° Metric Swept Elbow 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Thread T	Hex E	Drop H	Cut-Off C
0200B04-14	1/4	6.4	M14-1,5	17	25	28
0200B05-16	5/16	7.9	M16-1,5	19	32	32
0200B06-18	3/8	9.5	M18-1,5	22	33	35
0200B08-22	1/2	12.7	M22-1,5	27	41	43
0200B10-26	5/8	15.9	M26-1,5	32	43	43
0200B12-26	3/4	19	M26-1,5	32	49	51

0300B

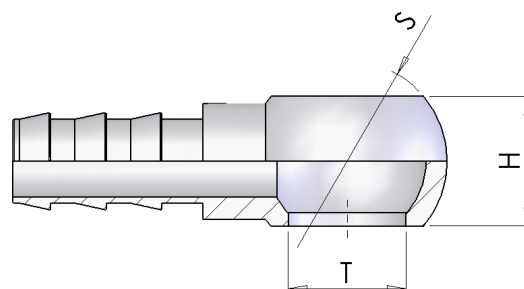


45° Metric Swept Elbow 60° Cone

Part number	Hose I.D.		Dimensions			
	in	mm	Thread T	Hex E	Drop H	Cut-Off C
0300B04-14	1/4	6.4	M14-1,5	17	15	44
0300B05-16	5/16	7.9	M16-1,5	19	18	50
0300B06-18	3/8	9.5	M18-1,5	22	20	52
0300B08-18	1/2	12.7	M18-1,5	22	23	54
0300B08-22	1/2	12.7	M22-1,5	27	25	62
0300B12-26	3/4	19	M26-1,5	32	28	65

1350B

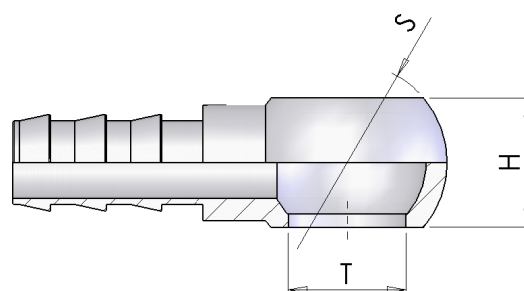
Metric Banjo



Part number	Hose I.D.		Dimensions		
	in	mm	Hole T	H	S
1350B04-10	1/4	6.4	M10-1	11	17
1350B04-12	1/4	6.4	M12-1,5	12	20
1350B04-14	1/4	6.4	M14-1,5	14	24
1350B05-12	5/16	7.9	M12-1,5	12	20
1350B05-14	5/16	7.9	M14-1,5	14	24
1350B05-16	5/16	7.9	M16-1,5	19	28
1350B06-16	3/8	9.5	M16-1,5	19	28
1350B06-18	3/8	9.5	M18-1,5	20	32
1350B08-18	1/2	12.7	M18-1,5	20	32
1350B08-22	1/2	12.7	M22-1,5	23	36
1350B10-18	5/8	15.9	M18-1,5	20	32

1400B

BSP Banjo



Part number	Hose I.D.		Dimensions		
	in	mm	Hole T	H	S
1400B04-04	1/4	6.4	1/4	14	24
1400B05-04	5/16	7.9	1/4	14	24
1400B05-06	5/16	7.9	3/8	17	28
1400B06-04	3/8	9.5	1/4	14	24
1400B06-06	3/8	9.5	3/8	17	28
1400B08-06	1/2	12.7	3/8	17	28
1400B08-08	1/2	12.7	1/2	22	35
1400B10-06	5/8	15.9	3/8	17	28
1400B10-08	5/8	15.9	1/2	22	35
1400B10-12	5/8	15.9	3/4	29	45
1400B12-12	3/4	19	3/4	29	45
1400B16-12	1	25.4	3/4	29	45
1400B16-16	1	25.4	1	35	55

Analytical Index

001C.....	9	0952.....	45
0022.....	9	2970.....	45
0001.....	10	2971.....	46
0002.....	10	2950.....	46
003T.....	11	2951.....	47
0003.....	11	1001.....	47
0007.....	12	1002.....	48
0008.....	12	0385.....	48
PTFE.....	13	0390.....	49
PTFE-C.....	13	0395.....	49
0009.....	14	IF00.....	50
004H.....	14	IF90.....	50
BMC1.....	15	IF45.....	51
BMC2.....	15	0400.....	51
0345.....	16	0100.....	52
0060.....	17	0200.....	52
0350.....	18	0300.....	53
035G.....	19	0035.....	53
0051.....	20	0135.....	54
0050.....	21	0235.....	54
0052.....	22	0500.....	55
0041.....	22	0085.....	56
0040.....	23	0085.....	56
0042.....	23	0185.....	57
0151.....	24	0185.....	58
0150.....	25	0285.....	58
0152.....	26	0285.....	59
0141.....	26	0450.....	59
0140.....	27	0084.....	60
0142.....	27	0184.....	61
2300.....	28	0284.....	62
2301.....	28	1350.....	63
2320.....	29	1650.....	63
2321.....	29	0550.....	64
0251.....	30	0650.....	65
0250.....	31	0650S.....	66
0252.....	32	0750.....	67
0241.....	32	0750S.....	67
0240.....	33	0030.....	68
0242.....	33	0130.....	68
0360.....	34	FK50.....	69
1400.....	35	FN50.....	69
1600.....	36	FN51.....	70
1600-00.....	36	0398.....	70
0370.....	37	K05B.....	71
037G.....	38	S350.....	71
N051.....	38	S050.....	72
0850.....	39	S05T.....	72
0901.....	40	S150.....	73
0900.....	41	S250.....	74
0902.....	42	0920.....	74
0901D.....	42	0930.....	75
0951.....	43	0980S.....	75
0950.....	44	1030S.....	76
		0940.....	76
		0990S.....	77
		1040S.....	77
		1050.....	78

1150	78	0050M	119
1250	78	0150M	119
1260	79	0250M	120
1060	80	0850M	120
1160	80	0900M	121
1060	81	0950M	121
FS3L	82	1000M	122
S003	82	0370M	122
1310	83	0450M	123
1110	84	0084M	123
1210	85	0184M	124
FS6L	85	0284M	124
S006	86	1250M	125
130S	86	1050M	125
110S	87	1150M	126
120S	87	1300M	126
D050	88	1100M	127
GS00	89	1200M	127
004N	94	130SM	128
0013	94	110SM	128
0370H	95	120SM	129
0350H	95	F432M - F434M	129
0050H	96	F032M - F034M	130
0150H	96	F132M - F134M	130
0250H	97	P050	133
0850H	97	P150	133
0900H	98	P350	134
0950H	98	A	135
1000H	99	BA	136
0450H	99	0345B	137
0084H	100	0350B	138
0184H	100	0051B	139
0284H	101	0151B	140
S050H	101	0251B	141
S05TH	102	0060B	142
S150H	102	0160B	142
S250H	103	0400B	143
S350H	103	0100B	143
1250H	104	0200B	144
1050H	104	0300B	144
1150H	105	1350B	145
1300H	105	1400B	145
1100H	106		
1200H	106		
130SH	107		
110SH	107		
120SH	108		
0054	111		
00Y4	111		
00Y6	112		
0050W	112		
0350W	112		
0370W	113		
0370Y	113		
0084W	114		
0084Y	114		
0019	118		
0350M	118		

Type Index

Swaged Ferrule (No Skive).....	9	NPTF Male 60° Cone.....	37
Swaged Ferrule (No Skive).....	9	NPTF Male Parallel 60° Cone.....	38
Swaged Ferrule (Skive).....	10	-Rotating.....	38
Swaged Ferrule (Skive).....	10	NPSM Female 60° Cone Rolled Nut.....	38
Swaged Ferrule (No Skive).....	11	JIC Male 74° Cone.....	39
Swaged Ferrule (No Skive).....	11	JIC Female 74° Cone - Rolled Nut.....	40
Swaged Ferrule (No Skive).....	12	JIC Female 74° - Thrust Wire Nut.....	41
Swaged Ferrule (No Skive).....	12	JIC Female 74°- Slip on nut.....	42
Ferrule for PTFE Hose.....	13	JIC Female 74° Cone- Double Hexagon.....	42
Ferrule for PTFE Hose.....	13	JIC 90° Swept Elbow 74° Cone-Rolled Nut.....	43
Swaged Ferrule (Skive).....	14	JIC 90° Swept Elbow 74° Cone.....	44
Swaged Ferrule (Skive).....	14	- Thrust Wire Nut.....	44
Swaged Ferrule (No Skive).....	15	JIC 90° Swept Elbow 74° Cone.....	45
Swaged Ferrule (No Skive).....	15	- Slip on nut.....	45
BSP Male - Flat Seat.....	16	JIC 90° Compact Elbow 74° Cone.....	45
BSP Female - Flat Seal.....	17	- Thrust Wire Nut.....	45
BSP Male Parallel 60° Cone.....	18	JIC 90° Compact Elbow 74° Cone-Crimped Nut.....	46
BSP Male Parallel 60° Cone - Rotating.....	19	JIC 90° Comp. Elbow 74° C.-Thr.Wire Nut-Wel.....	46
BSP Female 60° Cone - Rolled Nut.....	20	JIC 90° Compact Elbow 74° Cone-Rol. Nut - Wel.....	47
BSP Female 60° Cone - Thrust Wire.....	21	JIC 90° Swept Elbow 74° Cone.....	47
BSP Female 60° Cone - Slip On Nut.....	22	- Rolled Nut.....	47
BSP O'Ring Female 60° Cone.....	22	JIC 45° Swept Elbow 74° Cone.....	48
- Rolled Nut.....	22	- Slip on nut.....	48
BSP O'Ring Female 60° Cone.....	23	SAE Male O'R Flat Seat.....	48
- Thrust Wire.....	23	Swivel Male O'Ring.....	49
BSP O'Ring Female 60° Cone.....	23	90° Swivel Male O'ring.....	49
- Slip On Nut.....	23	Straight Male Inverted Flare Swivel.....	50
BSP 90° Swept Elbow 60° Cone - Rolled Nut.....	24	90° Male Inverted Flare Swivel.....	50
BSP 90° Swept Elbow 60° Cone - Thrust Wire.....	25	45° Male Inverted Flare Swivel.....	51
BSP O'R. 90° Swept Elbow 60° Cone -Rolled Nut.....	26	Metric Male 60° Cone.....	51
BSP 90° Swept Elbow 60° Cone.....	26	Metric Female 60° Cone.....	52
- Slip On Nut.....	26	90° Metric Swept Elbow 60° Cone.....	52
BSP O'Ring 90° Swept Elbow 60° Cone.....	27	45° Metric Swept Elbow 60° Cone.....	53
- Thrust Wire Nut.....	27	Metric Female 24°.....	53
BSP O'R. 90° Swept Elbow 60° Cone -Slip on nut.....	27	- Seat Light Multiseal.....	53
BSP 90° Compact Elbow 60° Cone.....	28	90° Metric Swept Elbow 24°.....	54
- Thrust wire - Welded.....	28	- Seat Light Multiseal.....	54
BSP 90° Compact Elbow 60° Cone.....	28	45° Metric Swept Elbow 24°.....	54
- Rolled Nut - Welded.....	28	- Seat Light Multiseal.....	54
BSP 90° Compact Elbow 60° Cone.....	29	Metric Male 24° - Seat Light.....	55
- Thrust wire.....	29	Metric Female 24° - Seat Light.....	56
BSP 90° Compact Elbow 60° Cone.....	29	Metric Female 24°.....	56
- Rolled Nut.....	29	- Seat Light (Rolled Nut).....	56
BSP 45° Swept Elbow 60° Cone.....	30	90° Metric Swept Elbow 24°.....	57
- Rolled Nut.....	30	- Seat Light.....	57
BSP 45° Swept Elbow 60° Cone -Thr.Wire Nut.....	31	90° Metric Swept Elbow 24°.....	58
BSP O'Ring 45° Swept Elbow 60° Cone - Rol.Nut.....	32	- Seat Light (Rolled Nut).....	58
BSP 45° Swept Elbow 60° Cone -Slip on nut.....	32	45° Metric Swept Elbow 24°.....	58
BSP O'R. 45° Swept Elbow 60° C. - Thr.Wire Nut.....	33	- Seat Light.....	58
BSP O'Ring 45° Swept Elbow 60° Cone.....	33	45° Metric Swept Elbow 24° Seat Light (Rol.Nut).....	59
-Slip on nut.....	33	Metric Male 24°.....	59
BSP Taper Male 60° Cone.....	34	-Seat Heavy.....	59
BSP Banjo.....	35	Metric Female 24° - Seat Heavy.....	60
Double BSP Perford Bolt.....	36	90° Metric Swept Elbow 24°.....	61
BSP Perford Bolt.....	36	- Seat Heavy.....	61
		45° Metric Swept Elbow 24°.....	62
		- Seat Heavy.....	62
		Metric Banjo.....	63

Metric Perford Bolt	63	JIC Female 74° Cone - Thrust Wire.....	98
Metric Standpipe.....	64	JIC 90° Swept Elbow 74° Cone - Thrust Wire.....	98
90° Metric Standpipe.....	65	JIC 45° Swept Elbow 74° Cone - Thrust Wire.....	99
90° Metric Standpipe (Welded).....	66	Metric Male 24° - Seat Heavy	99
45° Metric Standpipe.....	67	Metric Female 24°	100
45° Metric Standpipe (Welded).....	67	- Seat Heavy.....	100
Metric Female 24° Cone French Type	68	90° Metric Swept Elbow 24°	100
90° Metric Swept Elbow 24° Cone French Type	68	- Seat Heavy.....	100
K' Female.....	69	45° Metric Swept Elbow 24°	101
'K' Male (For Gun)-Diameter 10.....	69	- Seat Heavy.....	101
'K' Male (For Gun)-Diameter 11.....	70	ORFS Female.....	101
Staplelock Male.....	70	ORFS Female Back Hexagon.....	102
Kobelko Male.....	71	ORFS 90° Swept Elbow.....	102
ORFS Male	71	ORFS 45° Swept Elbow.....	103
ORFS Female.....	72	ORFS Male	103
ORFS Female Back Hexagon.....	72	Straight SAE Flange 3000 PSI	104
ORFS 90° Swept Elbow.....	73	90° SAE Flange 3000 PSI	104
ORFS 45° Swept Elbow.....	74	45° SAE Flange 3000 PSI.....	105
JIS Female 60° Cone (Nissan)	74	Straight SAE Flange 6000 PSI	105
JIS Female 60° Cone (Toyota)	75	90° SAE Flange 6000 PSI	106
90° JIS Swept Elbow (Toyota) - Welded	75	45° SAE Flange 6000 PSI.....	106
45° JIS Swept Elbow (Toyota)	76	Straight 'CAT' Flange.....	107
- Welded.....	76	90° 'CAT' Flange	107
JIS Female 60° Cone (Komatsu).....	76	45° 'CAT' Flange	108
90° JIS Swept Elbow (Komatsu).....	77	Swaged Ferrule (Skive)	111
- Welded.....	77	Swaged Ferrule (Skive)	111
45° JIS Swept Elbow (Komatsu).....	77	Swaged Ferrule (Skive)	112
- Welded.....	77	BSP Female 60° Cone - Thrust Wire.....	112
Komatsu Flange 90°	78	BSP Male Parallel 60° Cone	112
Komatsu Flange 45°	78	NPTF Male 60° Cone.....	113
Komatsu Flange - Straight.....	78	NPTF Male 60° Cone.....	113
Straight SAE Flange 3000 PSI	79	Metric Female 24° - Seat Heavy.....	114
90° SAE Flange 3000 PSI	80	Metric Female 24° - Seat Heavy.....	114
45° SAE Flange 3000 PSI.....	80	Swaged Ferrule (Skive)	118
22.5°/30°/60°/67.5°	81	BSP Male Parallel 60° Cone	118
SAE Flange 3000 PSI	81	BSP Female 60° Cone - Thrust Wire.....	119
90° SAE Flange 3000 Psi.....	82	BSP 90° Swept Elbow 60° Cone -	119
- Long Drop	82	Thrust Wire	119
Cut Split Flanges 3000 psi	82	BSP 45° Swept Elbow 60° Cone - Thrust Wire.....	120
Straight SAE Flange 6000 PSI	83	JIC Male 74° Cone	120
90° SAE Flange 6000 PSI	84	JIC Female 74° Cone - Thrust Wire.....	121
45° SAE Flange 6000 PSI.....	85	JIC 90° Swept Elbow 74° Cone - Thrust Wire.....	121
90° SAE Flange 6000 Psi.....	85	JIC 45° Swept Elbow 74° Cone- Thrust Wire.....	122
- Long Drop	85	NPTF Male 60° Cone.....	122
Cut Split Flanges 6000 psi	86	Metric Male 24° - Seat Heavy	123
Straight 'CAT' Flange.....	86	Metric Female 24° -Seat Heavy.....	123
90° 'CAT' Flange	87	90° Metric Swept Elbow 24° - Seat Heavy.....	124
45° 'CAT' Flange	87	45° Metric Swept Elbow 24° - Seat Heavy.....	124
Hose Junction	88	Straight SAE Flange 3000 PSI	125
Weldable Fitting.....	89	90° SAE Flange 3000 PSI	125
Swaged Ferrule (Skive)	94	45° SAE Flange 3000 PSI.....	126
Swaged Ferrule (Skive)	94	Straight SAE Flange 6000 PSI	126
NPTF Male 60° Cone.....	95	90° SAE Flange 6000 PSI	127
BSP Male Parallel 60° Cone	95	45° SAE Flange 6000 PSI.....	127
BSP Female 60° Cone - Thrust Wire.....	96	Straight 'CAT' Flange.....	128
BSP 90° Swept Elbow 60° Cone - Thrust Wire.....	96	90° 'CAT' Flange	128
BSP 45° Swept Elbow 60° Cone - Thrust Wire.....	97	45° 'CAT' Flange	129
JIC Male 74° Cone	97	POCLAIN Male Flange	129

POCLAIN Female Flange.....	130
90°POCLAIN Female Flange.....	130
BSP Female 60° Cone - UniLock	133
BSP 90° Swept Elbow 60° Cone - UniLock.....	133
BSP Male Parallel 60° Cone - UniLock.....	134
Aluminium ferrule.....	135
Steel ferrule	136
BSP Male - Flat Seat.....	137
BSP Male Parallel 60° Cone	138
BSP Female 60° Cone	139
BSP 90° Swept elbow 60° Cone	140
BSP 45° Swept Elbow 60° Cone	141
BSP Female Flat Seal	142
BSP 90° Swept Elbow Flat Seat.....	142
Metric Male 60° Cone	143
Metric Female 60° Cone.....	143
90° Metric Swept Elbow 60° Cone.....	144
45° Metric Swept Elbow 60° Cone.....	144
Metric Banjo.....	145
BSP Banjo.....	145



INTERPUMP
FLUID SOLUTIONS ■■■



I.M.M. Hydraulics Spa
imm-hydraulics.it

Via Italia, 49-51
66041 - Atessa (Ch) - Italy
T. +39 (0) 0872 889225
F. +39 (0) 0872 889226