

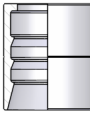











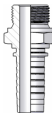

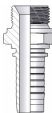


Standard
tail

in!

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	PTFE-C
				
Swaged Ferrule (no skive)	Swaged Ferrule (no skive)		Ferrule for PTFE hose	Ferrule for PTFE hose
12	12		13	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

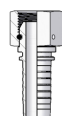
0041



BSP O'Ring Female
60° Cone- Rolled Nut

22

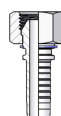
0040



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

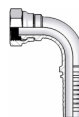
0152



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

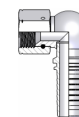
0142



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

27

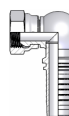
2300



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

28

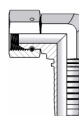
2301



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

28

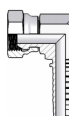
2320



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

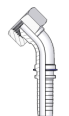
0250



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

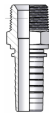


BSP O'Ring 45° Swept
Elbow 60° Cone - Slip
on nut

33

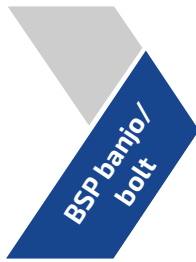


0360



BSP Taper Male 60° cone

34



1400



BSP Banjo

35

1600



Double BSP perfored bolt

36

1600-00

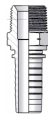


BSP perfored bolt

36



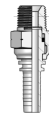
0370



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



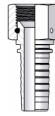
0901



JIC Female 74° cone - Rolled Nut

40

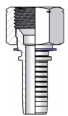
0900



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

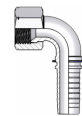
0950



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

44

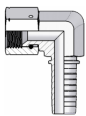
0952



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

45

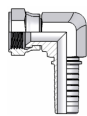
2970



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

45

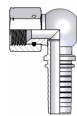
2971



JIC 90° Compact Elbow 74° cone - Crimped Nut

46

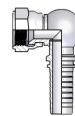
2950



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

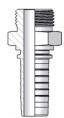


JIC 45° Swept Elbow
74° Cone Slip on nut

48



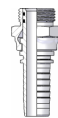
0385



SAE Male O'R Flat
Seat

48

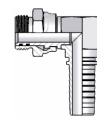
0390



Swivel Male O'Ring

49

0395



90° Swivel Male O'ring

49



IF00



Straight Male Inverted
Flare Swivel

50

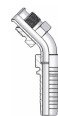
IF90



90° Male Inverted
Flare Swivel

50

IF45

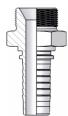


45° Male Inverted
Flare Swivel

51



0400



Metric Male 60° cone

51

0100



Metric Female 60°
cone

52

0200



90° Metric Swept
Elbow 60° cone

52

0300

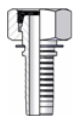


45° Metric Swept
Elbow 60° cone

53



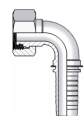
0035



Metric Female 24°
Seat Light Multiseal

53

0135



90° Metric Swept
Elbow 24° Seat Light
Multiseal

54

0235

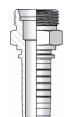


45° Metric Swept
Elbow 24° Seat Light
Multiseal

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 Elbow 24° Seat Heavy

61

0284



45° Metric Swept Elbow 24° Seat Heavy

62



1350



Metric Banjo

63

1650



Metric perfored bolt

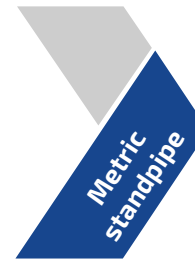
63

0550



Metric Standpipe

64



0650



90° Metric Standpipe

65

0650S



90° Metric Standpipe (welded)

66

0750



45° Metric Standpipe

67

0750S

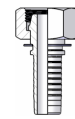


45° Metric Standpipe (Welded)

67



0030



Metric Female 24° Cone French Type

68

0130

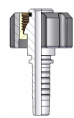


90° Metric Swept Elbow 24° Cone French Type

68



FK50



K' Female

69

FN50



'K' Male (for gun) - Diameter 10

69

FN51



'K' Male (for gun) - Diameter 11

70

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

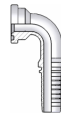
1260



Straight SAE Flange
3000 PSI

79

1060



90° SAE Flange 3000
PSI

80

1160



45° SAE Flange 3000
PSI

80

1060

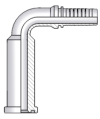


22.5°/30°/60°/67.5°
SAE Flange 3000 PSI

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

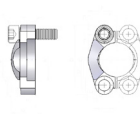
FS6L



90° SAE Flange 6000
Psi - Long Drop

85

S006

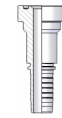


Cut Split Flanges -
6000 psi

86



130S



Straight 'CAT' Flange

86

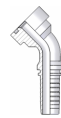
110S



90° 'CAT' Flange

87

120S



45° 'CAT' Flange

87



D050



Hose Junction

88



G500

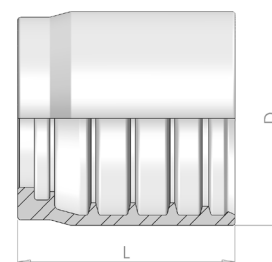


Weldable Fitting

89

001C

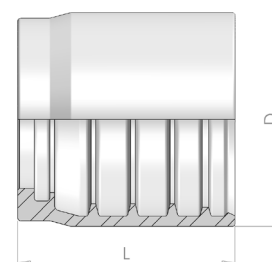
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Length
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

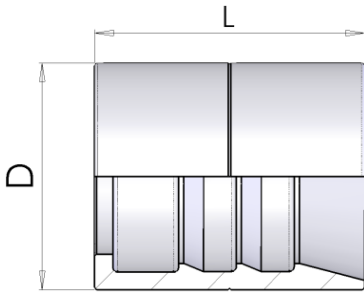
0022

Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive
	in	mm	D	L	Length
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

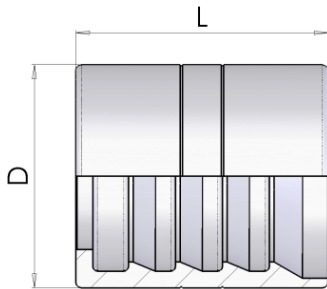
0001



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

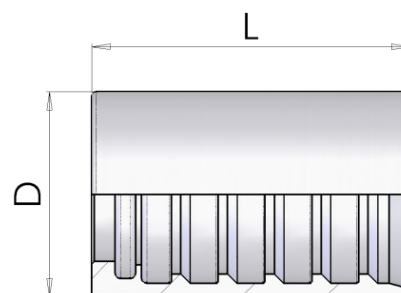


Swaged Ferrule (Skive)

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

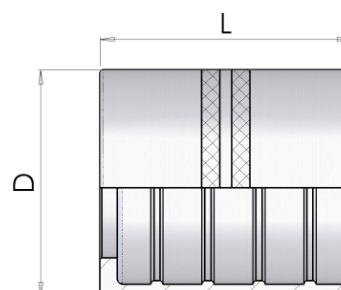
Swaged Ferrule (No Skive)



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

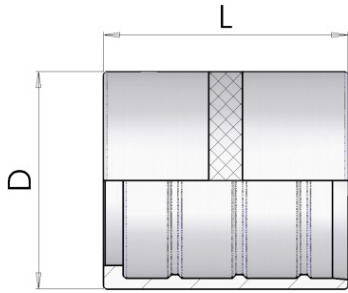
0003

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

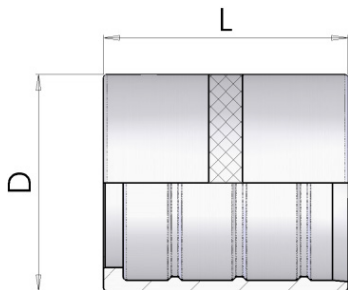
0007



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



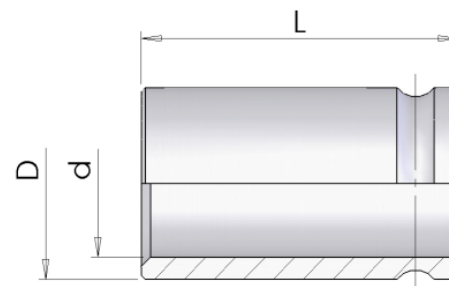
Swaged Ferrule (No Skive)

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)

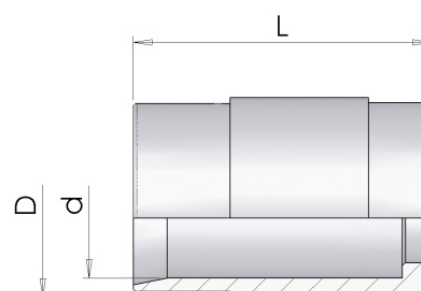


Part number	Hose I.D.		Dimensions		Dim	Skive
	in	mm	D	L	d	Lenght
PTFE-03	3/16	4.8	12.7	22	9.5	NO
PTFE-04	1/4	6.4	14.4	23.9	11.1	NO
PTFE-05	5/16	7.9	17.1	24.6	13	NO
PTFE-06	3/8	9.5	19	27.4	15	NO
PTFE-08	1/2	12.7	22.4	28.7	18.3	NO
PTFE-10	5/8	15.9	27	31.7	23.1	NO
PTFE-12	3/4	19	28.7	34.5	24.8	NO
PTFE-16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

PTFE-C

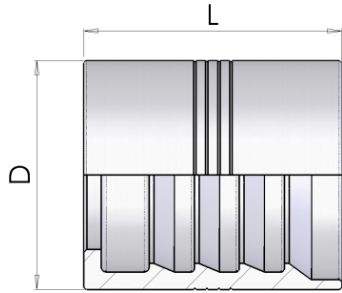
Ferrule for PTFE Hose

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

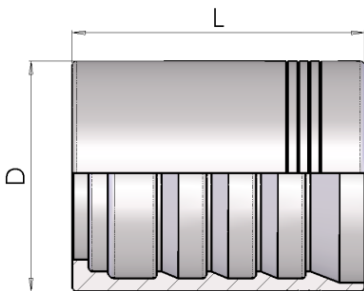
0009



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

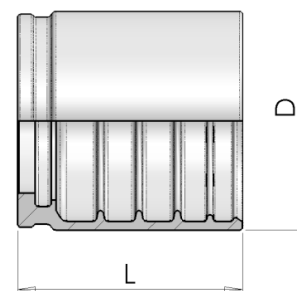


Swaged Ferrule (Skive)

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

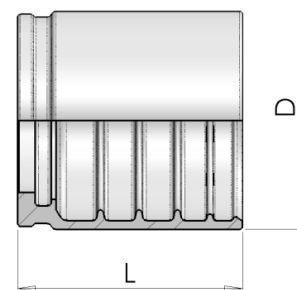
Swaged Ferrule (No Skive)



Part number	Hose I.D.		Dimensions		Skive Length
	in	mm	D	L	
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

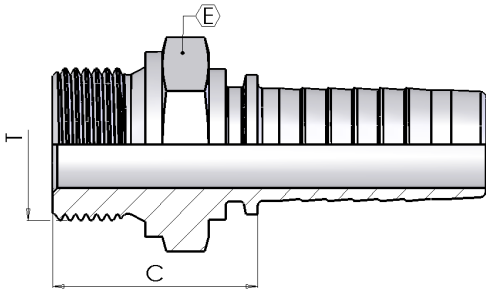
Swaged Ferrule (No Skive)



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

0345

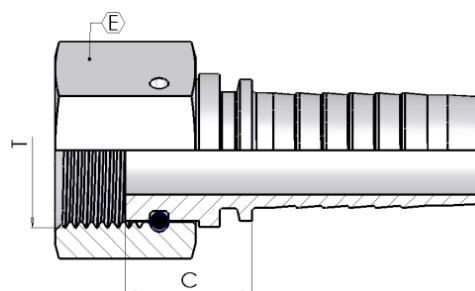
BSP Male - Flat Seat



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

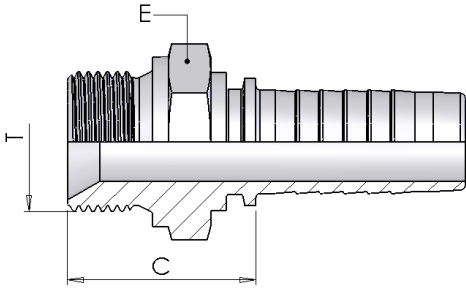
BSP Female - Flat Seal



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

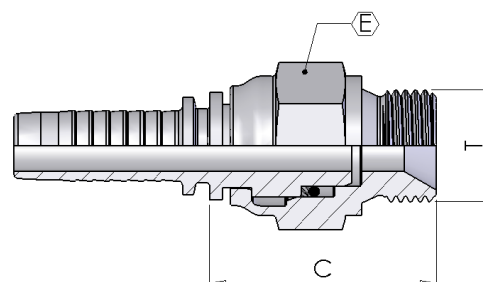
BSP Male Parallel 60° Cone



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

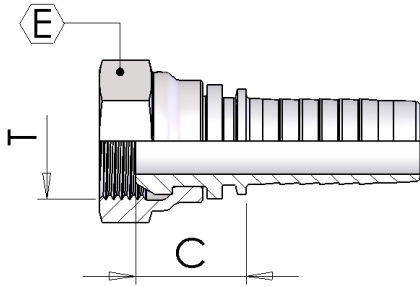
BSP Male Parallel 60° Cone - Rotating



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

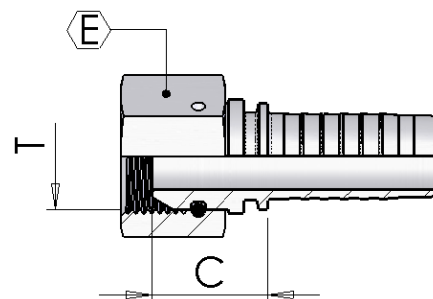
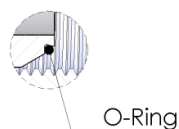
BSP Female 60° Cone - Rolled Nut



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off 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

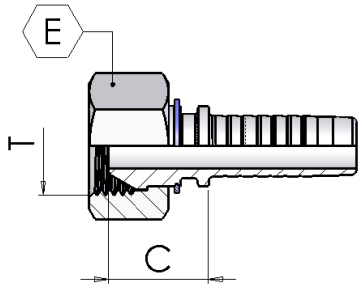
(*)- BSP female with O'Ring



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

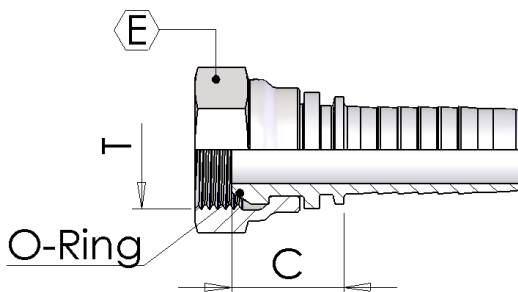
BSP Female 60° Cone - Slip On Nut



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

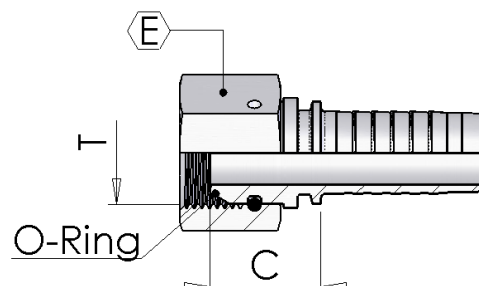
BSP O'Ring Female 60° Cone - Rolled Nut



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

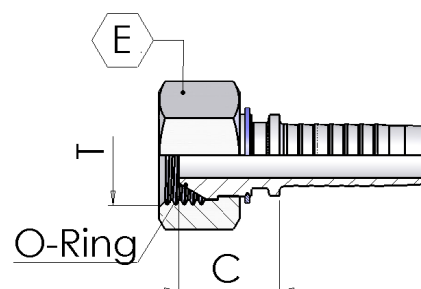
BSP O'Ring Female 60° Cone - Thrust Wire



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

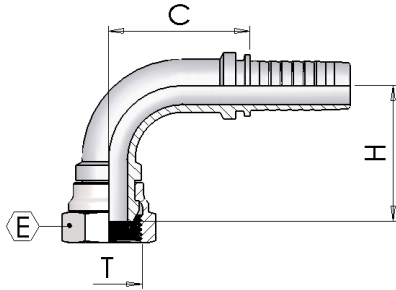
BSP O'Ring Female 60° Cone - Slip On Nut



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

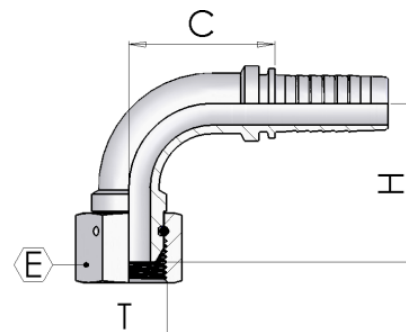
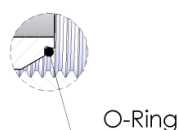


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0151-03-02	3/16	4.8	03	1/8-28	14	22	23
0151-03-04	3/16	4.8	03	1/4-19	19	22	25
0151-04-02	1/4	6.4	04	1/8-28	14	25	25
0151-04-04	1/4	6.4	04	1/4-19	19	25	27
0151-04-06	1/4	6.4	04	3/8-19	22	25	31
0151-05-04	5/16	7.9	05	1/4-19	19	31	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

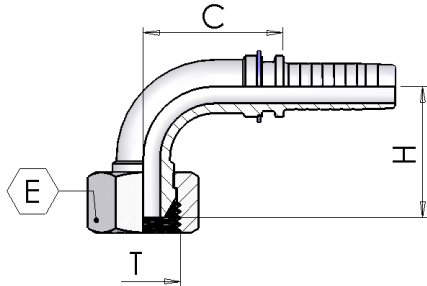
(*)- BSP female with O'Ring



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

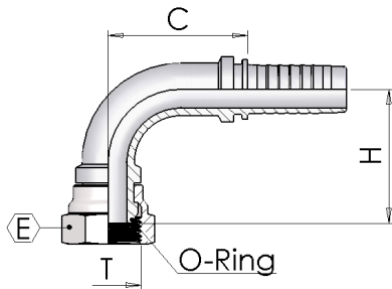
BSP 90° Swept Elbow 60° Cone - Slip On Nut



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

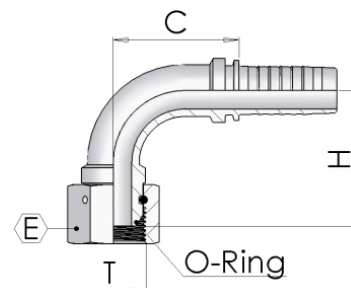
BSP O'Ring 90° Swept Elbow 60° Cone - Rolled Nut



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

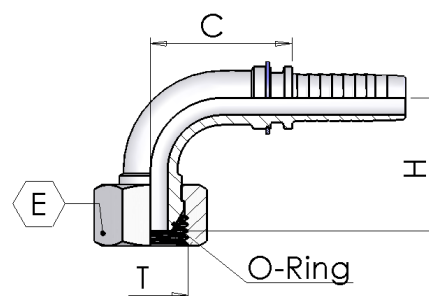
BSP O'Ring 90° Swept Elbow 60° Cone - Thrust Wire Nut



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

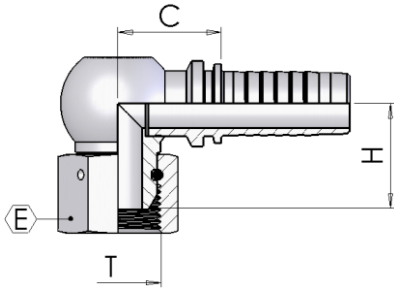
0142

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

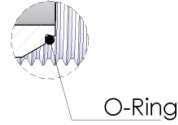


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Hex E	C	H
0142-04-04	1/4	6.4	04	1/4-19	17	27	24
0142-06-06	3/8	9.5	06	3/8-19	19	34	28
0142-08-08	1/2	12.7	08	1/2-14	27	42	37

2300



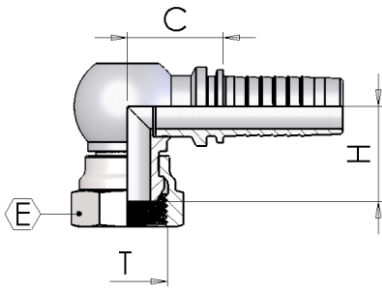
BSP 90° Compact Elbow 60° Cone - Thrust wire - Welded



(*)- 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

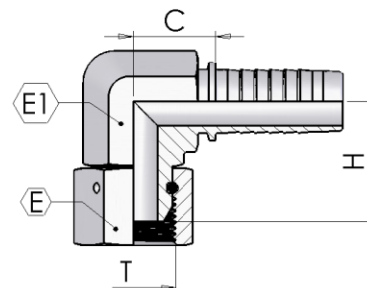


BSP 90° Compact Elbow 60° Cone - Rolled Nut - Welded

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

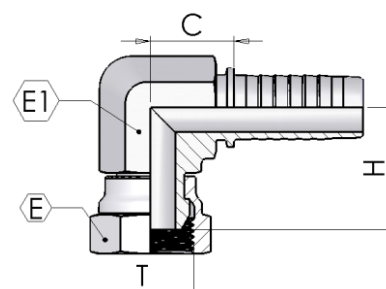
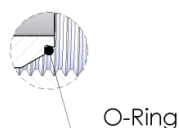


Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
2320-04-04	1/4	6.4	04	1/4-19	19	19	20	15
2320-04-06	1/4	6.4	04	3/8-19	22	24	29	17
2320-05-06	5/16	7.9	05	3/8-19	22	24	23	17
2320-06-06	3/8	9.5	06	3/8-19	22	23	23	17
2320-06-08	3/8	9.5	06	1/2-14	27	28	26	19
2320-08-08	1/2	12.7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

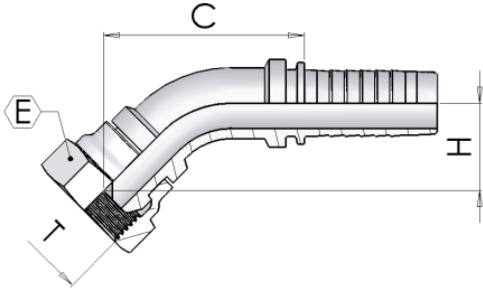
(*)- BSP female with O'Ring



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

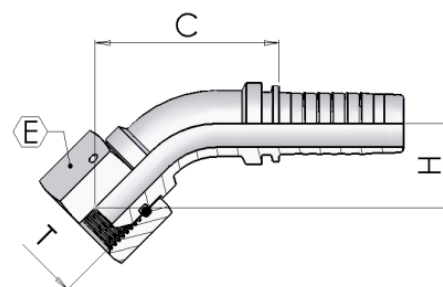
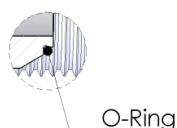
BSP 45° Swept Elbow 60° Cone - Rolled Nut



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

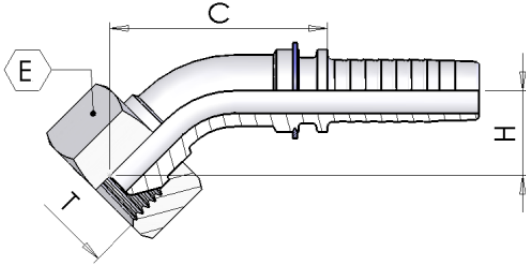


(*)-On request available in version without O'Ring

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

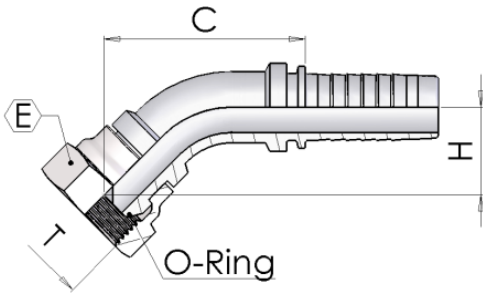
BSP 45° Swept Elbow 60° Cone -Slip on nut



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

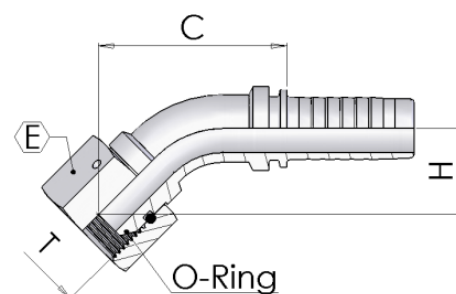
BSP O'Ring 45° Swept Elbow 60° Cone - Rolled Nut



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

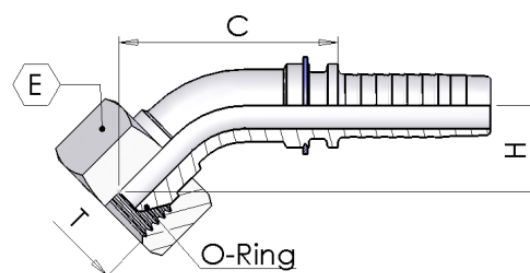
BSP O'Ring 45° Swept Elbow 60° Cone - Thrust Wire Nut



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

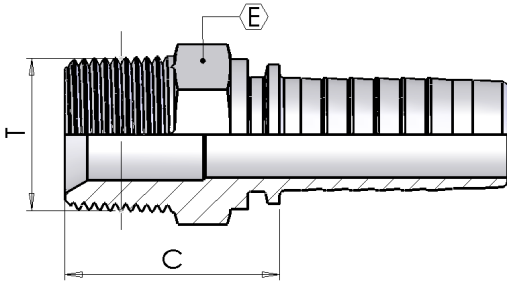
BSP O'Ring 45° Swept Elbow 60° Cone - Slip on nut



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

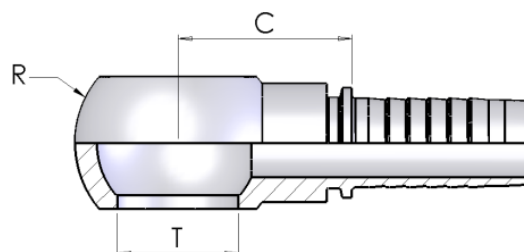
0360

BSP Taper Male 60° Cone



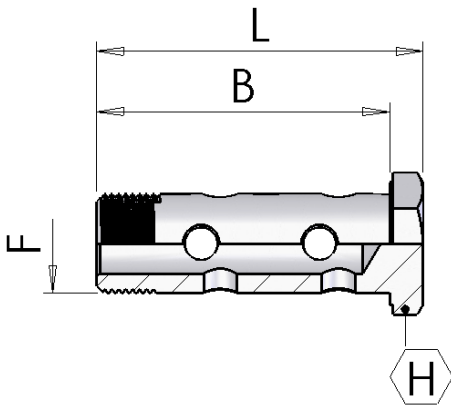
Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
0360-03-02	3/16	4.8	03	1/8-28	12	21
0360-03-04	3/16	4.8	03	1/4-19	15	27
0360-04-02	1/4	6.4	04	1/8-28	12	22
0360-04-04	1/4	6.4	04	1/4-19	15	28
0360-04-06	1/4	6.4	04	3/8-19	19	28
0360-05-04	5/16	7.9	05	1/4-19	15	28
0360-05-06	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

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

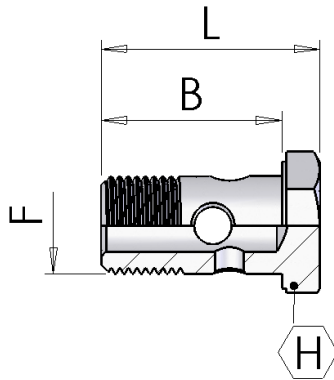
1600



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

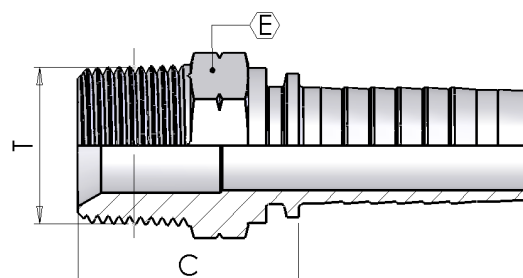
1600-00



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

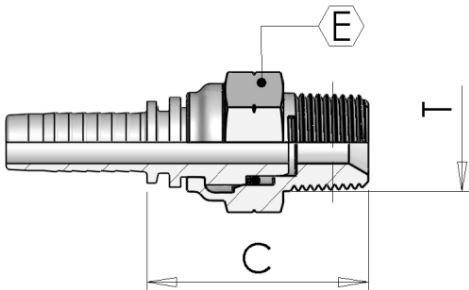
NPTF Male 60° Cone



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

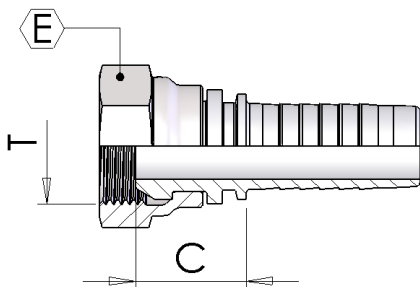
NPTF Male Parallel 60° Cone -Rotating



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

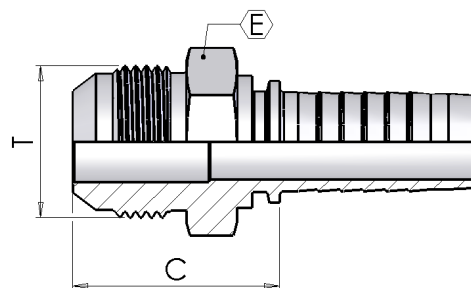
NPSM Female 60° Cone Rolled Nut



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

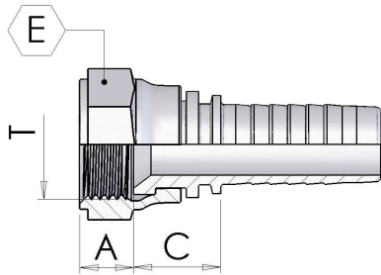


* SAE 45°

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

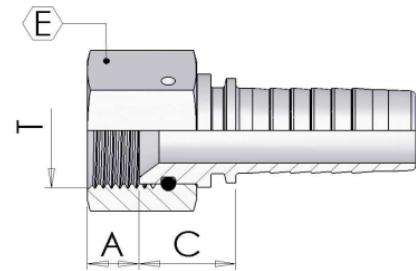
0901

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

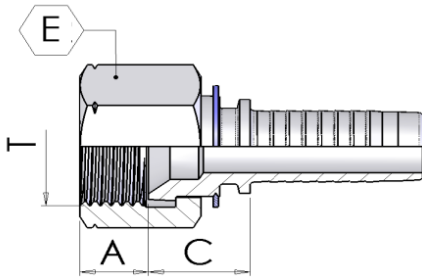
JIC Female 74° - Thrust Wire Nut



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

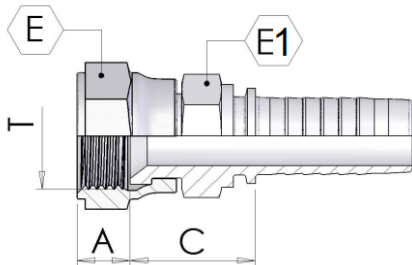
JIC Female 74° - Slip on nut



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

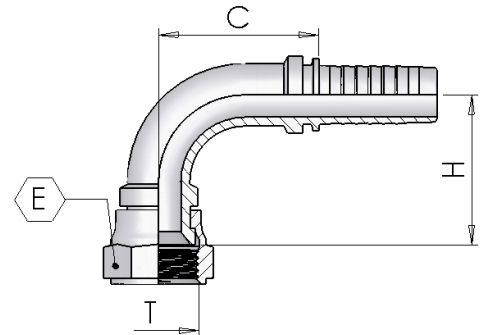
JIC Female 74° Cone- Double Hexagon



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

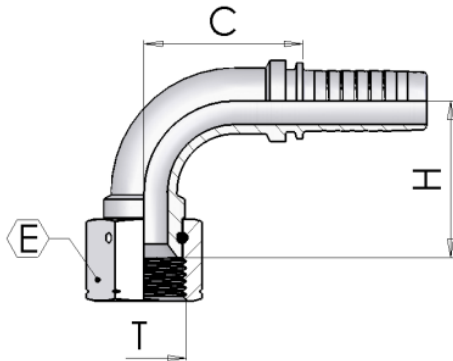
JIC 90° Swept Elbow 74° Cone-Rolled Nut



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

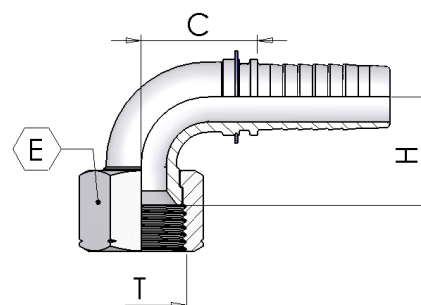
JIC 90° Swept Elbow 74° Cone - Thrust Wire Nut



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

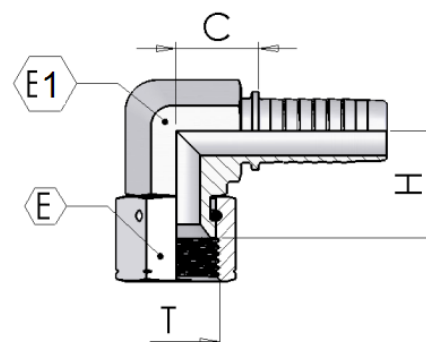
JIC 90° Swept Elbow 74° Cone - Slip on nut



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

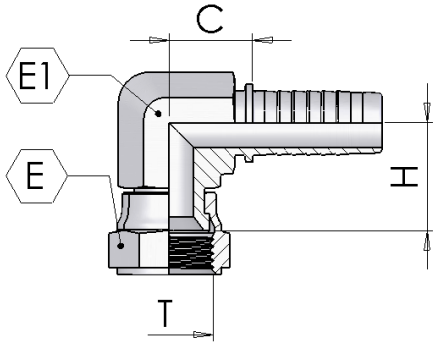


Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Hex E	C	H	E1
2970-04-04	1/4	6.4	04	7/16-20	17	19	17	15
2970-04-05	1/4	6.4	04	1/2-20	17	19	18	15
2970-04-06	1/4	6.4	04	9/16-18	19	19	19	15
2970-05-06	5/16	7.9	05	9/16-18	19	20	20	17
2970-06-06	3/8	9.5	06	9/16-18	19	23	20	17
*SAE 45° 2970-06-07	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

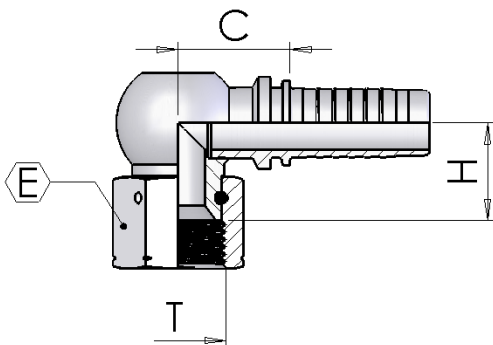
JIC 90° Compact Elbow 74° Cone-Crimped Nut



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

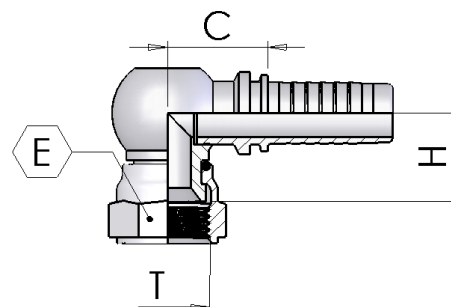
JIC 90° Compact Elbow 74° Cone-Thrust Wire Nut-Welded



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

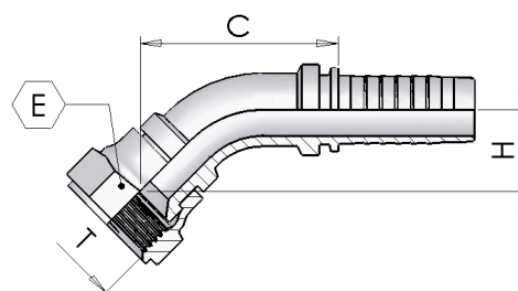
JIC 90° Compact Elbow 74° Cone- Rolled Nut - Welded



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

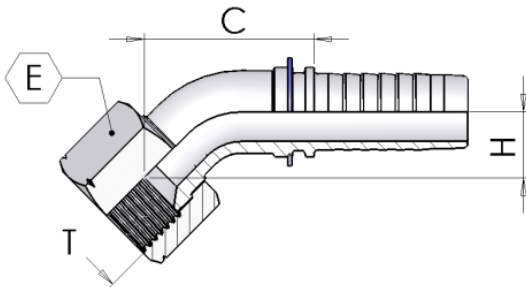
JIC 90° Swept Elbow 74° Cone - Rolled Nut



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

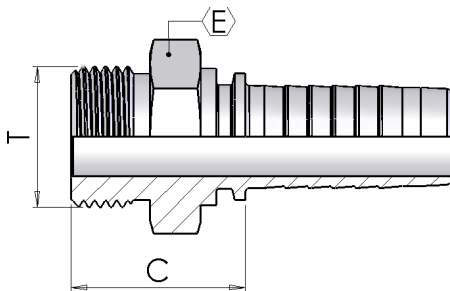
JIC 45° Swept Elbow 74° Cone - Slipe on nut



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

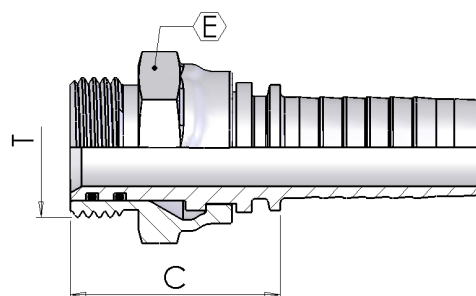
SAE Male O'R Flat Seat



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

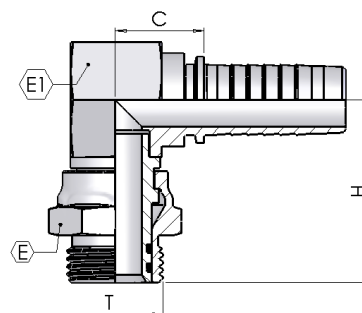
Swivel Male O'Ring



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

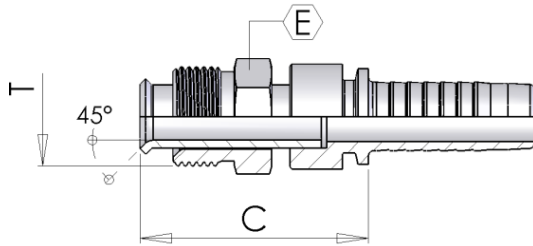
90° Swivel Male O'ring



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

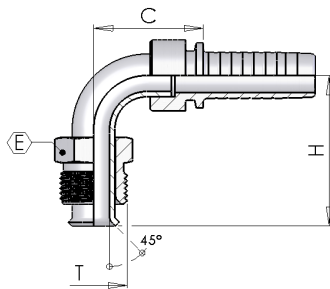
Straight Male Inverted Flare Swivel



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

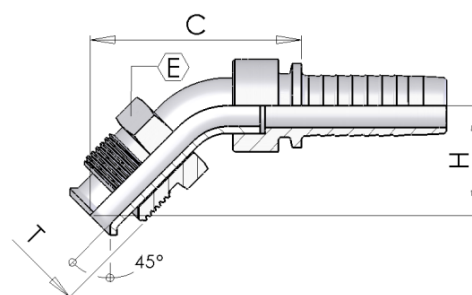
90° Male Inverted Flare Swivel



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

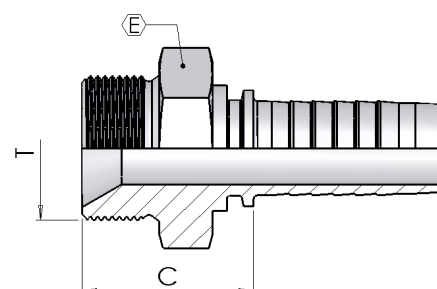
45° Male Inverted Flare Swivel



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

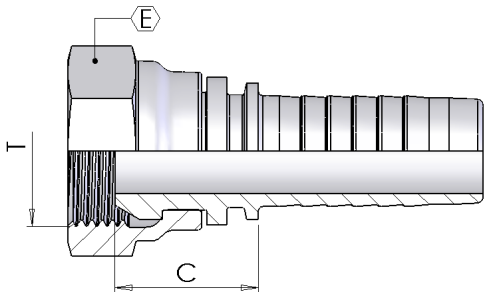
Metric Male 60° Cone



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

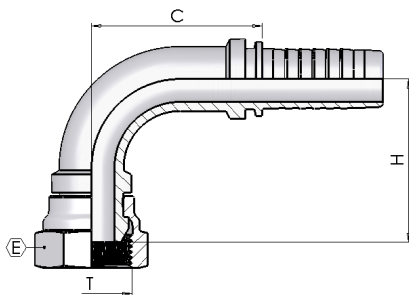
Metric Female 60° Cone



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

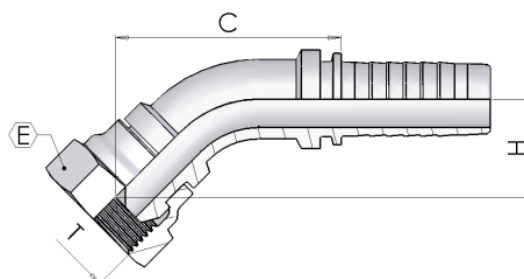
90° Metric Swept Elbow 60° Cone



	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

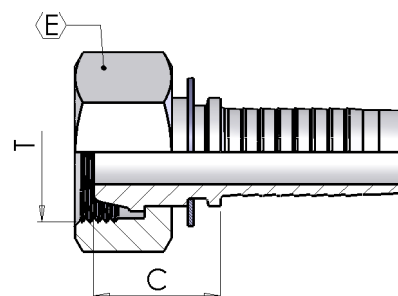
45° Metric Swept Elbow 60° Cone



	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

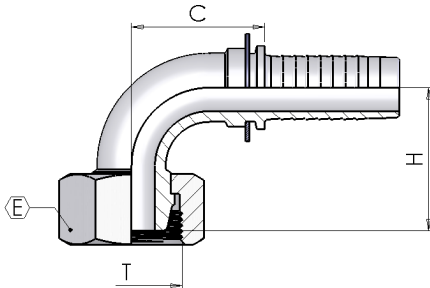
Metric Female 24° - Seat Light Multiseal



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

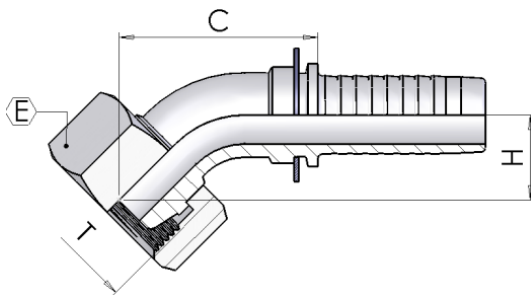
90° Metric Swept Elbow 24° - Seat Light Multiseal



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

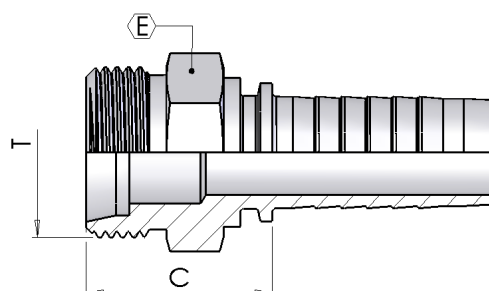
0235

45° Metric Swept Elbow 24° - Seat Light Multiseal



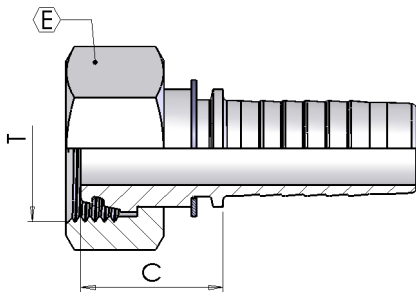
Part number	Hose I.D.		Dimensions					
	in	mm	Dash size	Thread T	Erm	Hex E	Cut-Off C	H
0235-04-12	1/4	6.4	04	M12-1.5	6	14	36	15
0235-04-14	1/4	6.4	04	M14-1.5	8	17	40	14
0235-04-16	1/4	6.4	04	M16-1.5	10	19	37	16
0235-05-16	5/16	7.9	05	M16-1.5	10	19	47	14
0235-05-18	5/16	7.9	05	M18-1.5	12	22	49	16
0235-06-18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

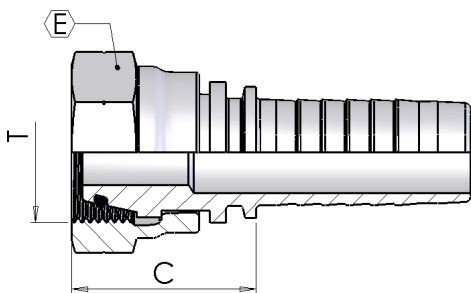
0085



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

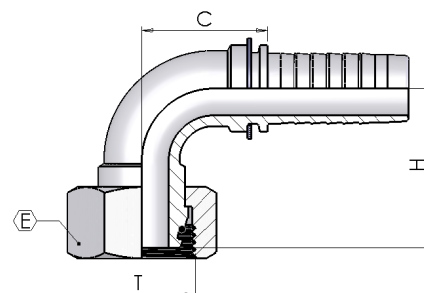
0085



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

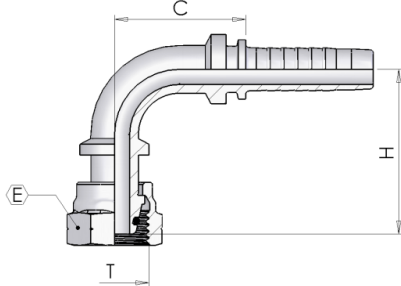
90° Metric Swept Elbow 24° - Seat Light



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

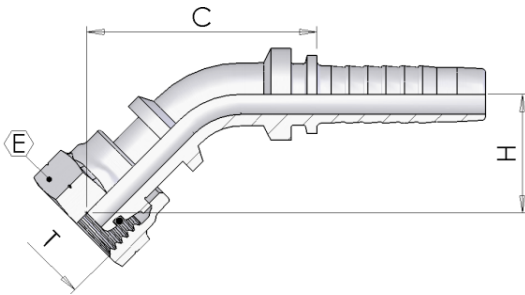
90° Metric Swept Elbow 24° - Seat Light (Rolled Nut)



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
Welded 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

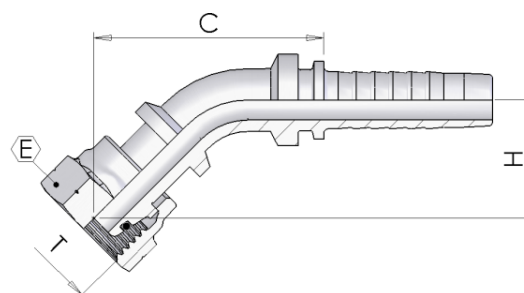
45° Metric Swept Elbow 24° - Seat Light



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
Welded 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
Welded 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
Welded 0285S20-45	1.1/4	31.8	20	M45-2	35	50	72	34
Welded 0285S24-52	1.1/2	38.1	24	M52-2	42	60	85	36

0285

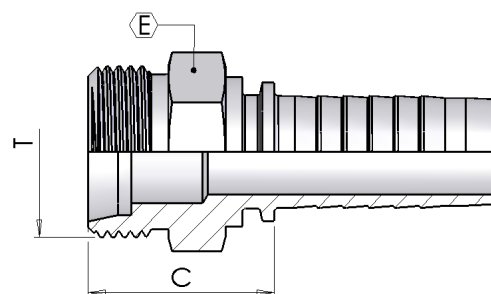
45° Metric Swept Elbow 24° Seat Light (Rolled Nut)



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

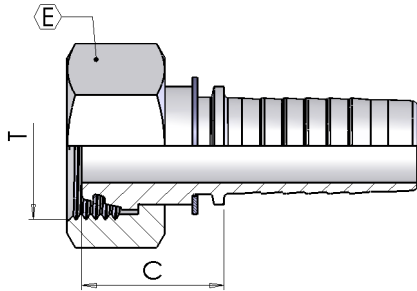
0450

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

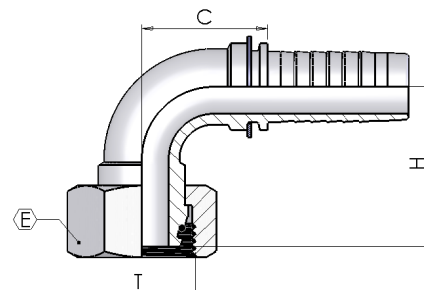


Metric Female 24° - Seat Heavy

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

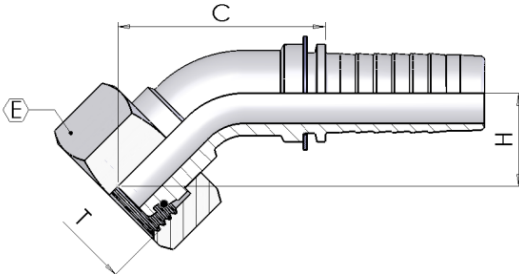
90° Metric Swept Elbow 24° - Seat Heavy



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

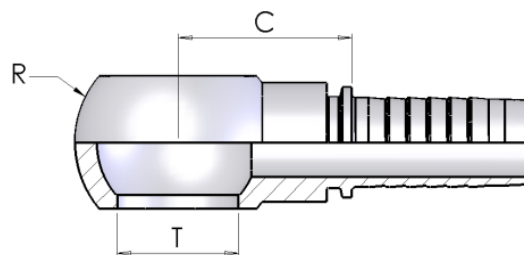
45° Metric Swept Elbow 24° - Seat Heavy



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

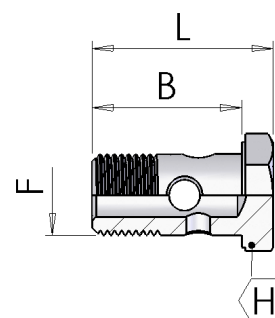
Metric Banjo



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

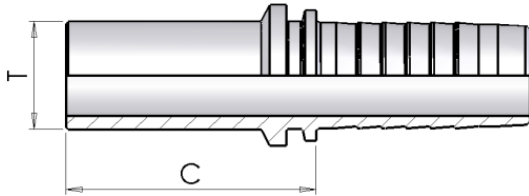
Metric Perfored Bolt



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

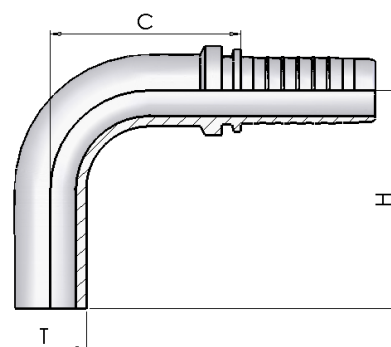
Metric Standpipe



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

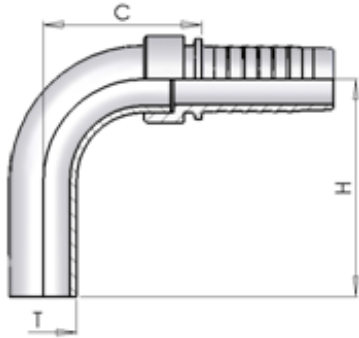
0650

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

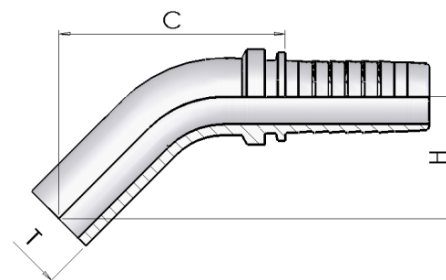


90° Metric Standpipe (Welded)

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

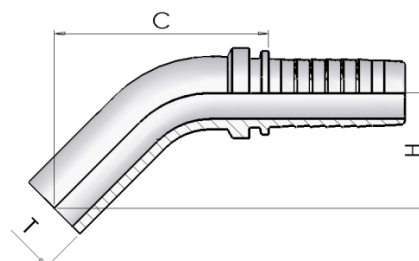
45° Metric Standpipe



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

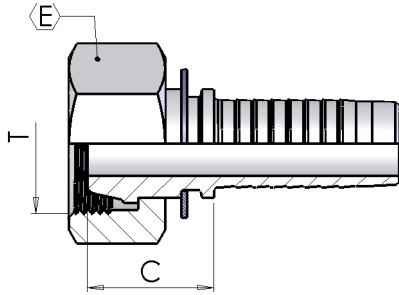
45° Metric Standpipe (Welded)



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

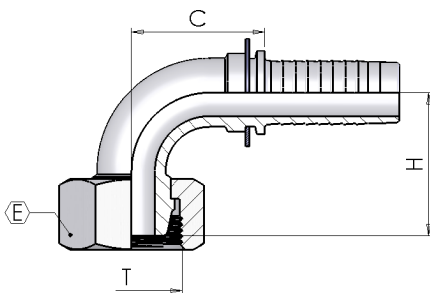
Metric Female 24° Cone French Type



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

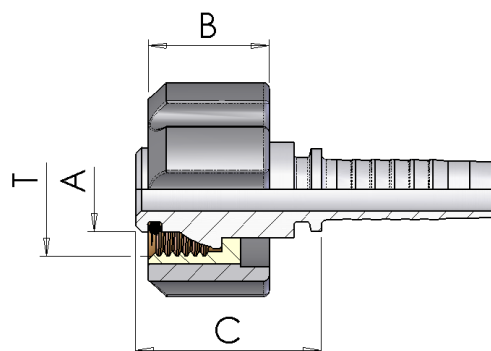
90° Metric Swept Elbow 24° Cone French Type



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

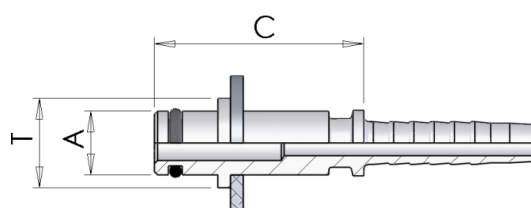
K' Female



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

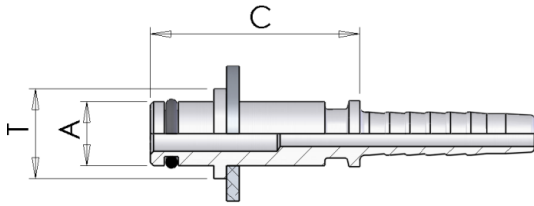
'K' Male (For Gun)-Diameter 10



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

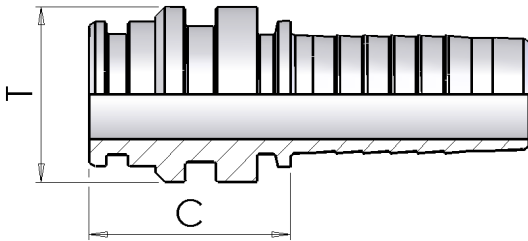
'K' Male (For Gun)-Diameter 11



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

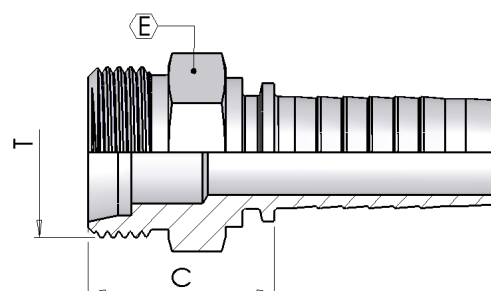
Staplelock Male



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

KO5B

Kobelko Male

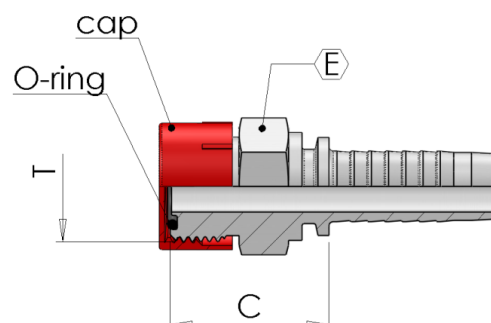


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Thread T	Tube	Hex E	Cut-Off C
KO5B-10-30	5/8	15.9	10	M30-1.5	22	32	32
KO5B-12-30	3/4	19	12	M30-1.5	22	32	35
KO5B-12-36	3/4	19	12	M36-1.5	28	41	36
KO5B-16-36	1	25.4	16	M36-1.5	28	41	37
KO5B-16-45	1	25.4	16	M45-1,5	35	50	38

S350

ORFS Male Maschio ORFS

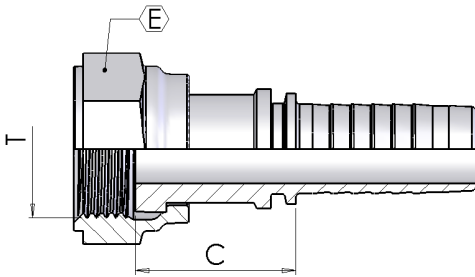
- with plug and O'Ring



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

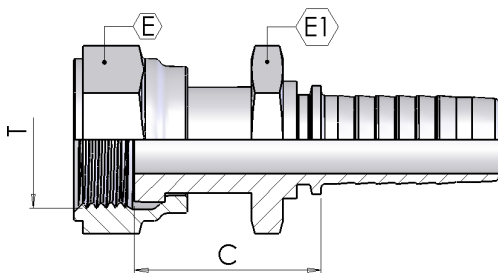


Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Thread T	Hex E	Cut-Off C
S050-04-06	1/4	6.4	04	9/16-18	19	25
S050-04-09	1/4	6.4	04	11/16-16	22	29
S050-05-09	5/16	7.9	05	11/16-16	22	29
S050-06-09	3/8	9.5	06	11/16-16	22	29
S050-06-11	3/8	9.5	06	13/16-16	24	30
S050-08-11	1/2	12.7	08	13/16-16	24	32
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

Slip on nut
Slip on nut

S05T

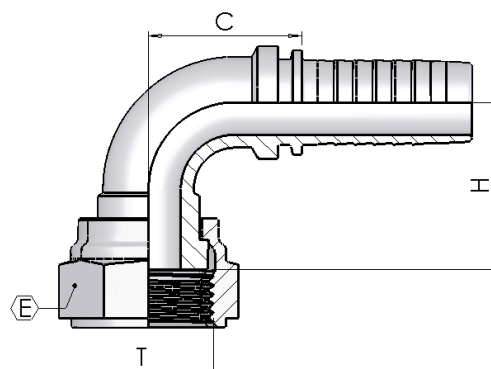
ORFS Female Back Hexagon



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

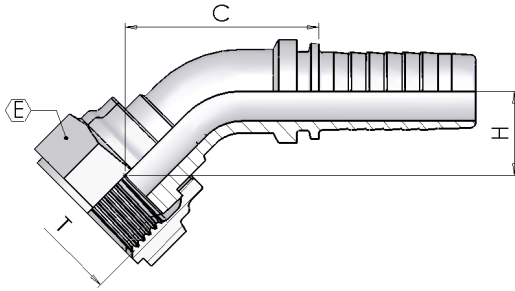
S150

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

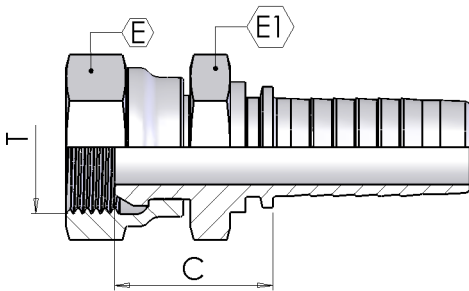
S250



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

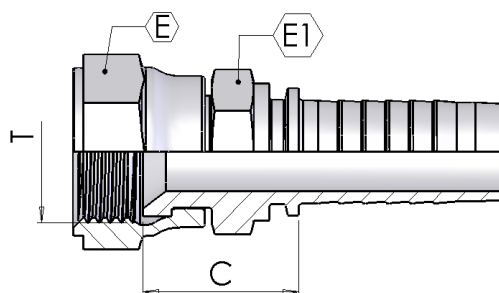


JIS Female 60° Cone (Nissan)

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

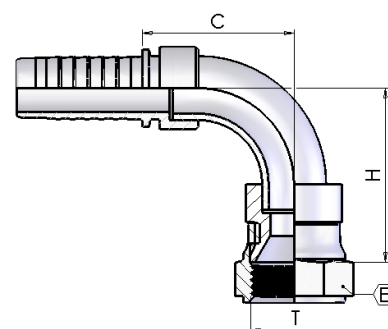
JIS Female 60° Cone (Toyota)



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

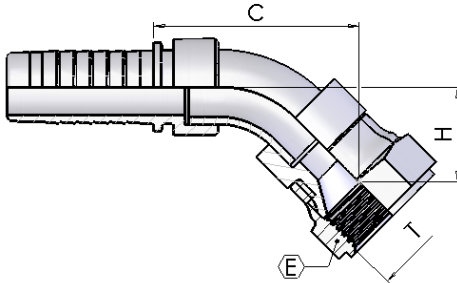
90° JIS Swept Elbow (Toyota) - Welded



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

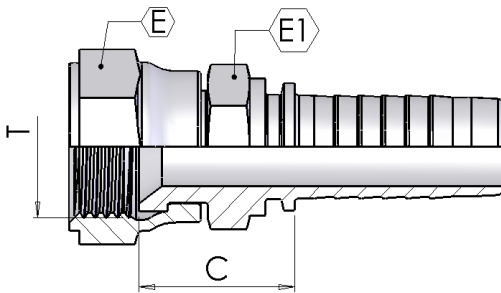
45° JIS Swept Elbow (Toyota) - Welded



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

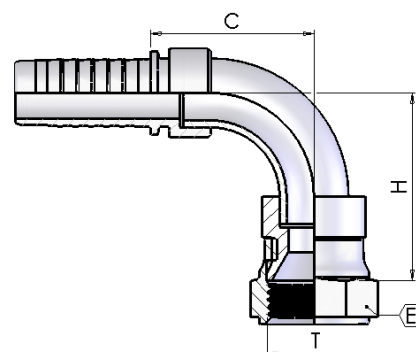
JIS Female 60° Cone (Komatsu)



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

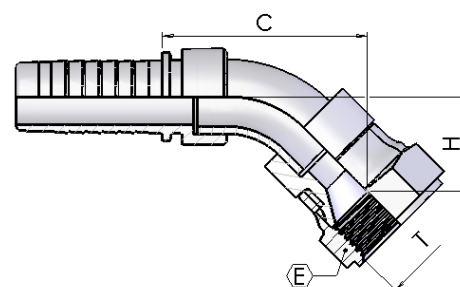
90° JIS Swept Elbow (Komatsu) - Welded



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

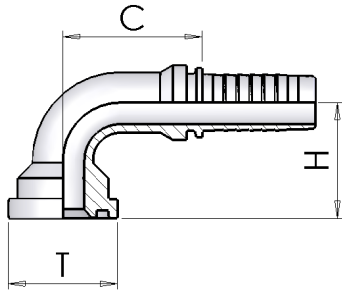
1040S

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

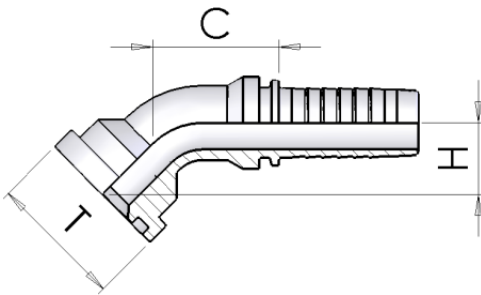
1050



Komatsu Flange 90°

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

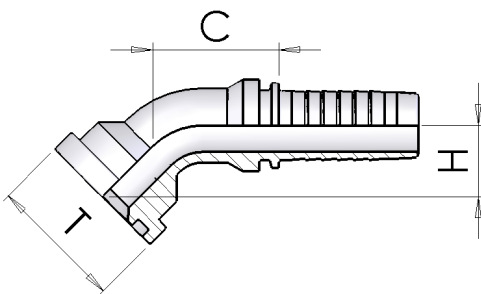
1150



Komatsu Flange 45°

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

1250

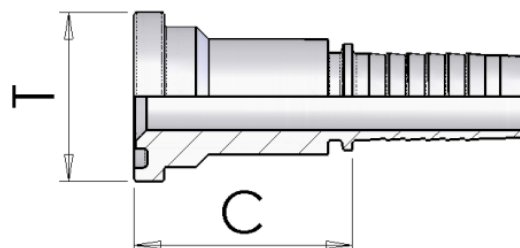


Komatsu Flange - Straight

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

1260

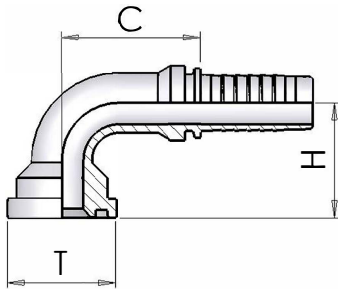
Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange		Cut-Off
				T	mm	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

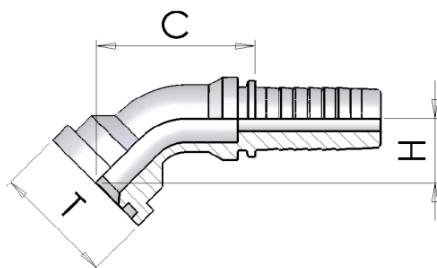
90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Drop	Cut-Off
				T	mm	H	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

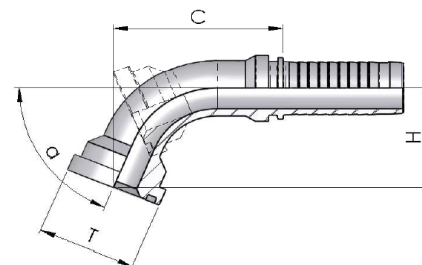
45° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Cut-Off	H
				T	mm	C	
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

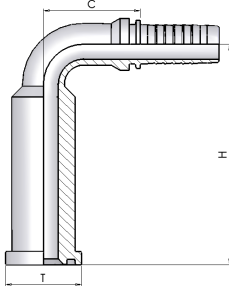
22.5°/30°/60°/67.5° SAE Flange 3000 PSI



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

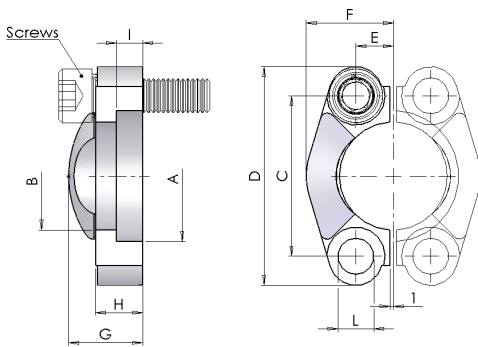


Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Drop	Cut-Off
				T	mm	H	C
FS3L-08-08	1/2	12.7	08	1/2	30.2	73	39
FS3L-12-12	3/4	19	12	3/8	38.1	123	56
FS3L-16-16	1	25.4	16	1	44.5	127	70
FS3L-20-20	1.1/4	31.8	20	1.1/4	50.8	178	85
FS3L-24-24	1.1/2	38.1	24	1.1/2	60.3	220	99

S003

Cut Split Flanges 3000 psi

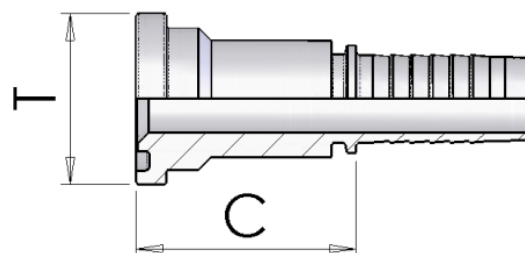
This product is sold in pairs



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

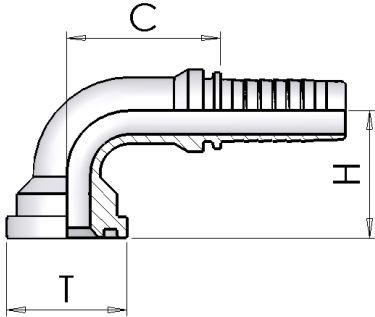
Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
	in	mm	Dash size	Flange		Cut-Off C
				T	mm	
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

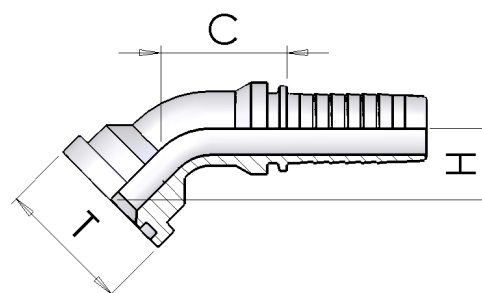
90° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange T	Flange 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

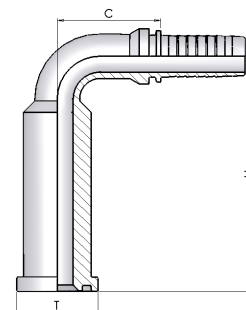
45° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Drop H	Cut-Off C
				T	mm		
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

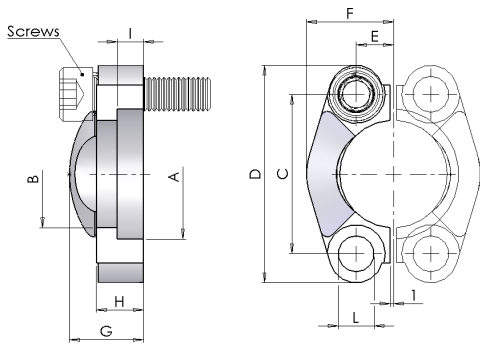
90° SAE Flange 6000 Psi - Long Drop



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Drop H	Cut-Off C
				T	mm		
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

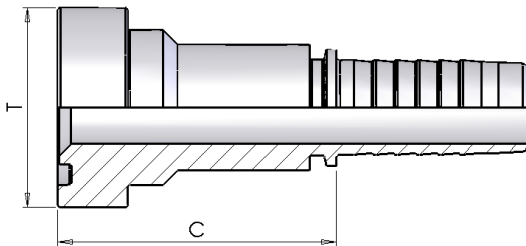


This product is sold in pairs

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

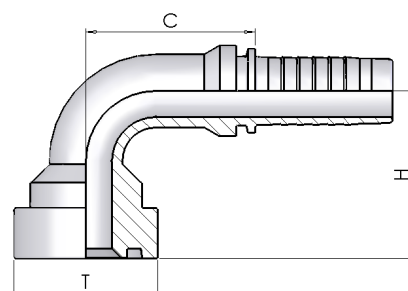
Straight 'CAT' Flange



Part number	Hose I.D.		Dash size	Dimensions		Cut-Off C
	in	mm		Flange T	mm	
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

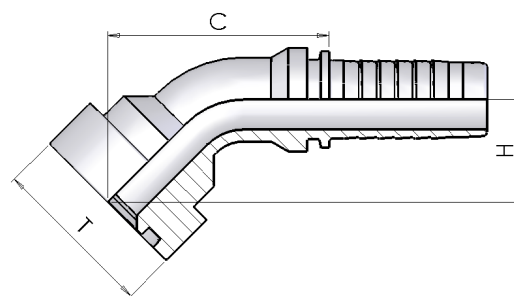
90° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Cut-Off C	H
				T	mm		
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

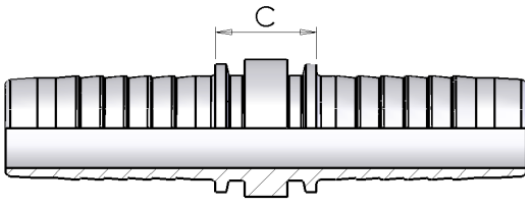
45° 'CAT' Flange



Part number	Hose I.D.		Dimensions				
	in	mm	Dash size	Flange		Cut-Off C	H
				T	mm		
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

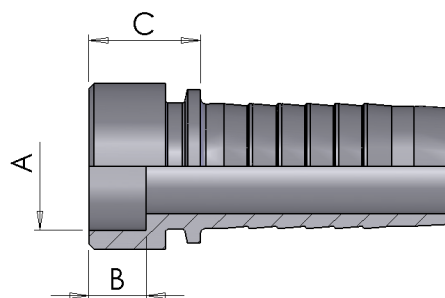


Part number	Hose I.D.		Dimensions	
	in	mm	Dash size	Cut-Off C
D050-03	3/16	4.8	03	17
D050-04	1/4	6.4	04	17
D050-05	5/16	7.9	05	17
D050-06	3/8	9.5	06	17
D050-08	1/2	12.7	08	18
D050-10	5/8	15.9	10	18
D050-12	3/4	19	12	19
D050-16	1	25.4	16	21
D050-20	1.1/4	31.8	20	24
D050-24	1.1/2	38.1	24	24
D050-32	2	50.8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