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TAILS





X001C



Swaged Ferrule (no skive)

8

X0022



Swaged Ferrule (no skive)

9

X0001



Swaged Ferrule (skive)

10

X0002



Swaged Ferrule (skive)

11

XBMC1



Swaged Ferrule (no skive)

11

XBMC2



Swaged Ferrule (no skive)

12



X0003



Swaged Ferrule (no skive)

12



X0007



Swaged Ferrule (no skive)

13

X0008



Swaged Ferrule (no skive)

13

XPTFE

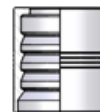


Ferrule for PTFE hose

14



X0009



Swaged Ferrule (skive)

14

X004H



Swaged Ferrule (skive)

15



X0345



BSP Male - Flat Seat

15

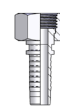
X0061



BSP Female Flat Seal

16

X0062



BSP Female Flat Seal Slip on Nut

16



X0350



BSP Male Parallel 60° cone

17



X0051



BSP Female 60° Cone Crimped Nut

18

X0052



BSP Female 60° Cone Slip On Nut

19

X0151



BSP 90° Swept elbow
60° cone - Crimped
Nut

20

X0150



BSP 90° Swept Elbow
60° cone Thrust Wire

20

X0152



BSP 90° Swept elbow
60° cone Slip On Nut

21

X0251



BSP 45° Swept Elbow
60° Cone - Crimped
Nut

22

X0250



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

22

X0252



BSP 45° Swept Elbow
60° Cone Slip On Nut

23



X0360



BSP Taper Male 60°
cone

24



X1400



BSP Banjo

25

X1600-00



BSP perfored bolt

25

X1600



Double BSP perfored
bolt

26



X0370



NPTF Male 60° cone

27



X0850



JIC Male 74° cone

28



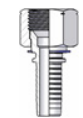
X0901



JIC Female 74° cone
Crimped Nut

29

X0902



JIC Female 74° cone
Slip On Nut

30

X0951



JIC 90° Swept Elbow
74° cone - Crimped
Nut

30

X0950



JIC 90° Swept Elbow
74° cone Thrust Wire

31

X0952



JIC 90° Swept Elbow
74° cone Slip on Nut

31

X1001



JIC 45° Swept Elbow
74° Cone - Crimped
Nut

32

X1000



JIC 45° Swept Elbow
74° cone Thrust Wire

32

X1002



JIC 45° Swept Elbow
74° Cone Slip On Nut

33



X0400

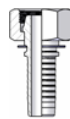


Metric Male 60° cone

34



X0035



Metric Female 24°
Seat Light Multiseal

35

X0135



90° Metric Swept
Elbow 24° Seat Light
Multiseal

36

X0235



45° Metric Swept
Elbow 24° Seat Light
Multiseal

36



X0500



Metric Male 24° Seat
Light

37



X0085



Metric Female 24°
Seat Light

38

X0085



Metric Female 24°
Seat Light Crimped
Nut

39

X0185



90° Metric Swept
Elbow 24° Seat Light

40

X0185



90° Metric Swept
Elbow 24° Seat Light
Crimped Nut

40

X0285



45° Metric Swept
Elbow 24° Seat Light

41

X0285



45° Metric Swept
Elbow 24° Seat Light
Crimped Nut

41



X0450



Metric Male 24° Seat
Heavy

42



X0084



Metric Female 24°
Seat Heavy

43

X0184



90° Metric Swept EL-
bow 24° Seat Heavy

44

X0284



45° Metric Swept EL-
bow 24° Seat Heavy

45



X1350



Metric Banjo

46

X1650



Metric perfored bolt

47



X0550



Metric Standpipe

48

X0650



90° Metric Standpipe

49

X0750



45° Metric Standpipe

50



XFK50



K' Female

51



XS350



ORFS Male

52



XS050



ORFS Female

53

XS150



ORFS 90° Swept Elbow

54

XS250



ORFS 45° Swept Elbow

55



X1260



Straight SAE Flange 3000 PSI

56

X1060



90° SAE Flange 3000 PSI

57

X1160



45° SAE Flange 3000 PSI

58

XS003



Cut Split Flanges - 3000 psi

58



X1310



Straight SAE Flange 6000 PSI

59

X1110



90° SAE Flange 6000 PSI

60

X1210



45° SAE Flange 6000 PSI

61

XS006



Cut Split Flanges - 6000 psi

62



XD050

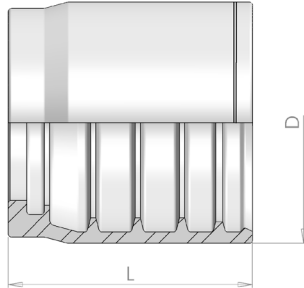


Hose Junction

62

X001C

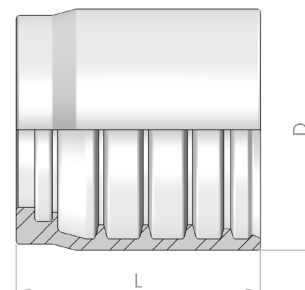
Swaged Ferrule (no skive)



Part number	Hose I.D.		Dimensions		Skive Length
	in	mm	D	L	
X001C-03	3/16	4,8	19	24	NO
X001C-04	1/4	6.4	20	26	NO
X001C-05	5/16	7.9	22	26	NO
X001C-06	3/8	9.5	25	28	NO
X001C-08	1/2	12.7	28	28	NO
X001C-10	5/8	15.9	32	29	NO
X001C-12	3/4	19	36	38	NO
X001C-16	1	25.4	44	47.5	NO
X001C-20	1.1/4	31.8	54	56	NO
X001C-24	1.1/2	38.1	62	66	NO
X001C-32	2	50.8	75	73	NO
X001C-40	2.1/2	63.5	88.4	90	NO
X001C48	3	76.2	101.5	90	NO

X0022

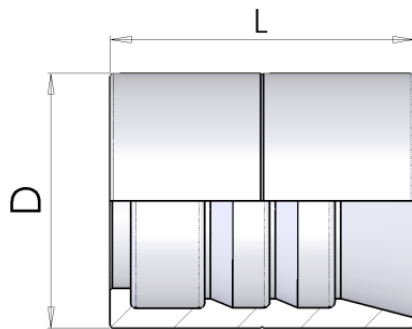
Swaged Ferrule (no skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
	in	mm			
X0022-03	3/16	4.8	21	25.3	NO
X0022-04	1/4	6.4	22	28	NO
X0022-05	5/16	7.9	24	28	NO
X0022-06	3/8	9.5	26	28	NO
X0022-08	1/2	12.7	30	31	NO
X0022-10	5/8	15.9	34	31	NO
X0022-12	3/4	19	38	38.5	NO
X0022-16	1	25.4	47	47.5	NO
X0022-20	1.1/4	31.8	58	56	NO
X0022-24	1.1/2	38.1	65.6	66	NO
X0022-32	2	50.8	78.6	73	NO

X0001

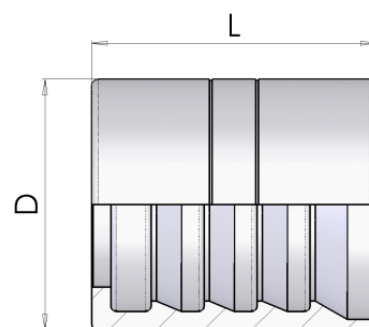
Swaged Ferrule (skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X0001-03	3/16	4.8	17.5	27	20
X0001-04	1/4	6.4	20	30.2	23
X0001-05	5/16	7.9	22	30.7	23
X0001-06	3/8	9.5	24	32	24
X0001-08	1/2	12.7	28.5	34	25
X0001-10	5/8	15.9	32	37	27
X0001-12	3/4	19	36	43	31
X0001-16	1	25.4	43	50	37
X0001-20	1.1/4	31.8	52	57	46
X0001-24	1.1/2	38.1	57	63	44
X0001-32	2	50.8	70.6	78	60

X0002

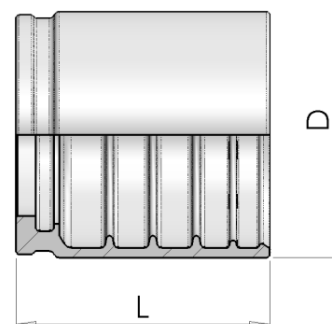
Swaged Ferrule (skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X0002-03	3/16	4.8	20	27	21
X0002-04	1/4	6.4	21	30	22
X0002-05	5/16	7.9	24	30	22
X0002-06	3/8	9.5	25.4	32	24
X0002-08	1/2	12.7	30	34	25
X0002-10	5/8	15.9	34	37	27
X0002-12	3/4	19	38	43	31
X0002-16	1	25.4	46	50	37
X0002-20	1.1/4	31.8	56	59	43
X0002-24	1.1/2	38.1	62	63	45
X0002-32	2	50.8	75	79	61

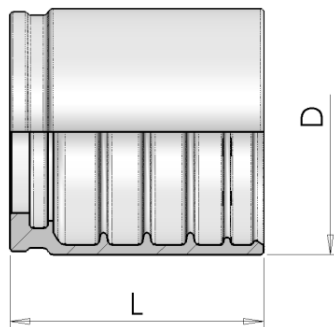
XBMC1

Swaged Ferrule (no skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
XBMC1-12	3/4	19	45	41	NO
XBMC1-16	1	25.4	53.5	56	NO
XBMC1-20	1.1/4	31.8	62	62	NO

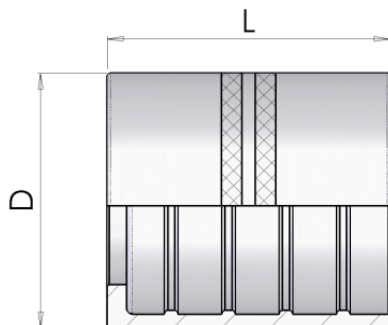
XBMC2



Swaged Ferrule (no skive)

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
XBMC2-20	1.1/4	31.8	66	62	NO
XBMC2-24	1.1/2	38.1	73.3	70	NO

X0003

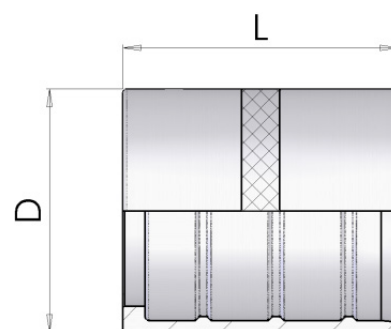


Swaged Ferrule (no skive)

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X0003-03	3/16	4.8	14	27	NO
X0003-04	1/4	6.4	19	29	NO
X0003-05	5/16	7.9	22	30	NO
X0003-06	3/8	9.5	24	31	NO
X0003-08	1/2	12.7	28.5	34	NO
X0003-10	5/8	15.9	32	36	NO
X0003-12	3/4	19	38	42	NO
X0003-16	1	25.4	46	50	NO
X0003-20	1.1/4	31.8	52	57	NO

X0007

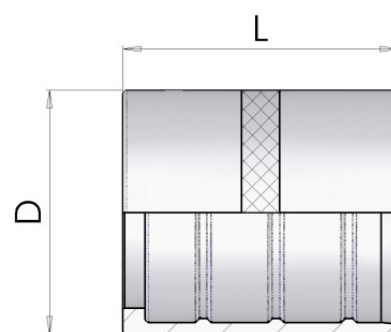
Swaged Ferrule (no skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
	in	mm			
X0007-03	3/16	4.8	14	27	NO
X0007-04	1/4	6.4	17	29	NO
X0007-05	5/16	7.9	19	30	NO
X0007-06	3/8	9.5	21	31	NO
X0007-08	1/2	12.7	25.4	34	NO
X0007-10	5/8	15.9	28.5	36	NO
X0007-12	3/4	19	32	36	NO
X0007-16	1	25.4	40	50	NO

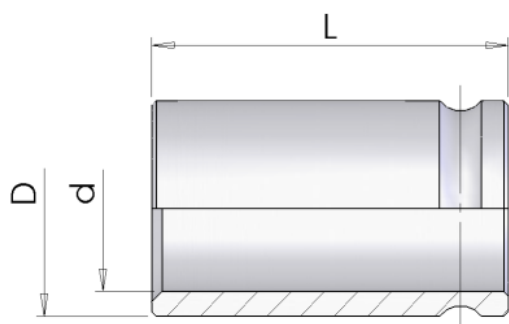
X0008

Swaged Ferrule (no skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
	in	mm			
X0008-03	3/16	4.8	13	27	NO
X0008-04	1/4	6.4	17	29	NO
X0008-05	5/16	7.9	19	30	NO
X0008-06	3/8	9.5	21.5	31	NO
X0008-08	1/2	12.7	26	34	NO
X0008-10	5/8	15.9	29	40	NO
X0008-12	3/4	19	32	42	NO
X0008-16	1	25.4	40	50	NO

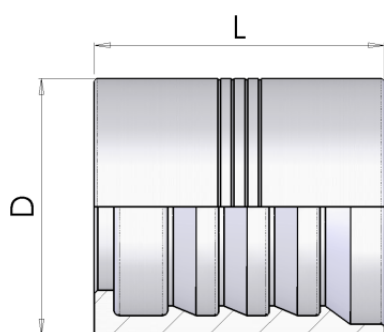
XPTFE



Ferrule for PTFE hose

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
XPTFE-03	3/16	4.8	9.5	22	NO
XPTFE-04	1/4	6.4	11.1	23.9	NO
XPTFE-05	5/16	7.9	13	24.6	NO
XPTFE-06	3/8	9.5	15	27.4	NO
XPTFE-08	1/2	12.7	18.3	28.7	NO
XPTFE-10	5/8	15.9	23.1	31.7	NO
XPTFE-12	3/4	19	24.8	34.5	NO
XPTFE-16	1	25.4	34.3	43.6	NO

X0009

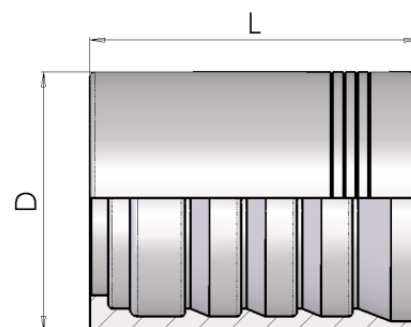


Swaged Ferrule (skive)

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X0009-04	1/4	6.4	15.3	30	22
X0009-06	3/8	9.5	18.3	33.5	26
X0009-08	1/2	12.7	22	36	28
X0009-10	5/8	15.9	25.7	40	31
X0009-12	3/4	19	29.4	43	34
X0009-16	1	25.4	36.1	60	48
X0009-20	1.1/4	31.8	46.7	66	54
X0009-24	1.1/2	38.1	55.7	76.5	62
X0009-32	2	50.8	68.8	79.8	64

X004H

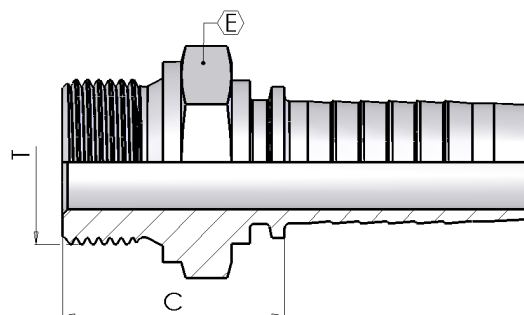
Swaged Ferrule (skive)



Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X004H-20	in	mm	43	66	55
X004H-24	1.1/4	31.8	50.4	76.5	63
X004H-32	1.1/2	38.1	65.5	79.8	65
	2	50.8			

X0345

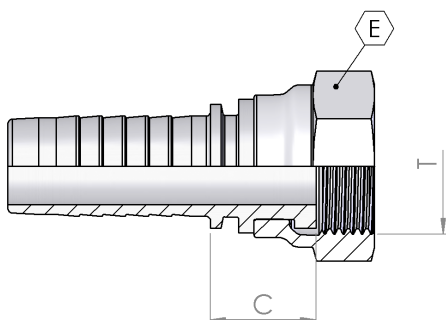
BSP Male - Flat Seat



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0345-03-02	3/16	4.8	03	1/8-28	21	14
X0345-04-04	1/4	6.4	04	1/4-19	27	19
X0345-04-06	1/4	6.4	04	3/8-19	28	22
X0345-05-06	5/16	7.9	05	3/8-19	28	22
X0345-06-06	3/8	9.5	06	3/8-19	29	22
X0345-06-08	3/8	9.5	06	1/2-14	32	27
X0345-08-08	1/2	12.7	08	1/2-14	33	27
X0345-08-10	1/2	12.7	08	5/8-14	35	30
X0345-08-12	1/2	12.7	08	3/4-14	35	32
X0345-10-10	5/8	15.9	10	5/8-14	35	30
X0345-10-12	5/8	15.9	10	3/4-14	35	32
X0345-12-12	3/4	19	12	3/4-14	36	32
X0345-12-16	3/4	19	12	1-11	39	41
X0345-16-16	1	25.4	16	1-11	40	41

X0061

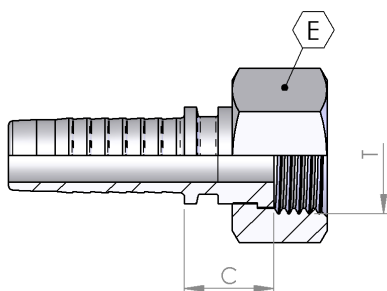
BSP Female Flat Seal



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0061-08-12	1/2	12.7	08	3/4-14	23	32
X0061-10-10	5/8	15.9	10	5/8-14	16	30
X0061-10-12	5/8	15.9	10	3/4-14	20	32
X0061-12-12	3/4	19	12	3/4-14	21	32
X0061-12-16	3/4	19	12	1-11	23	38
X0061-16-16	1	25.4	16	1-11	22	38
X0061-24-24	1.1/2	38.1	24	1.1/2-11	27	55

X0062

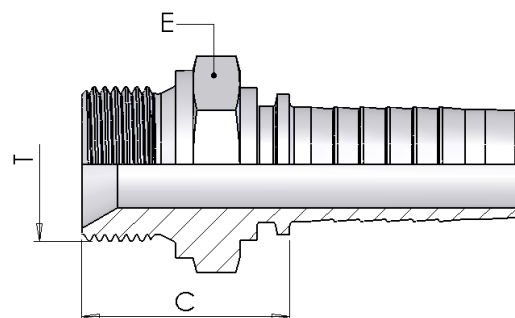
BSP Female Flat Seal - Slip on Nut



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0062-04-04	1/4	6.4	04	1/4-19	14	19
X0062-04-06	1/4	6.4	04	3/8-19	15	22
X0062-05-06	5/16	7.9	05	3/8-19	15	22
X0062-06-06	3/8	9.5	06	3/8-19	15	22
X0062-06-08	3/8	9.5	06	1/2-14	16	27
X0062-08-08	1/2	12.7	08	1/2-14	16	27

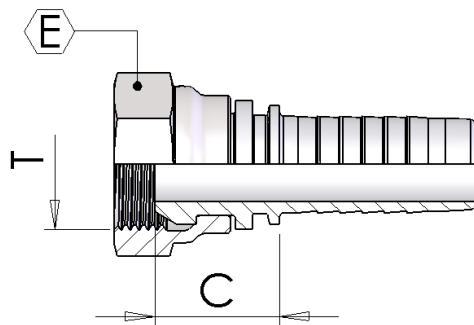
X0350

BSP Male Parallel 60° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0350-03-02	3/16	4.8	03	1/8-28	21	14
X0350-03-04	3/16	4.8	03	1/4-19	26	19
X0350-04-02	1/4	6.4	04	1/8-28	21	14
X0350-04-04	1/4	6.4	04	1/4-19	27	19
X0350-04-06	1/4	6.4	04	3/8-19	28	22
X0350-04-08	1/4	6.4	04	1/2-14	35	27
X0350-05-04	5/16	7.9	05	1/4-19	27	19
X0350-05-06	5/16	7.9	05	3/8-19	28	22
X0350-05-08	5/16	7.9	05	1/2-14	32	27
X0350-06-04	3/8	9.5	06	1/4-19	27	19
X0350-06-06	3/8	9.5	06	3/8-19	29	22
X0350-06-08	3/8	9.5	06	1/2-14	32	27
X0350-08-06	1/2	12.7	08	3/8-19	29	22
X0350-08-08	1/2	12.7	08	1/2-14	33	27
X0350-08-10	1/2	12.7	08	5/8-14	34	30
X0350-08-12	1/2	12.7	08	3/4-14	35	32
X0350-10-08	5/8	15.9	10	1/2-14	33	27
X0350-10-10	5/8	15.9	10	5/8-14	35	30
X0350-10-12	5/8	15.9	10	3/4-14	35	32
X0350-12-12	3/4	19	12	3/4-14	36	32
X0350-12-16	3/4	19	12	1-11	39	41
X0350-16-16	1	25.4	16	1-11	40	41
X0350-16-20	1	25.4	16	1.1/4-11	44	50
X0350-20-16	1.1/4	31.8	20	1-11	41	41
X0350-20-20	1.1/4	31.8	20	1.1/4-11	45	50
X0350-20-24	1.1/4	31.8	20	1.1/2-11	46	55
X0350-24-24	1.1/2	38.1	24	1.1/2-11	46	55
X0350-24-32	1.1/2	38.1	24	2-11	54	70
X0350-32-24	2	50.8	32	1.1/2-11	50	65
X0350-32-32	2	50.8	32	2-11	54	70

X0051

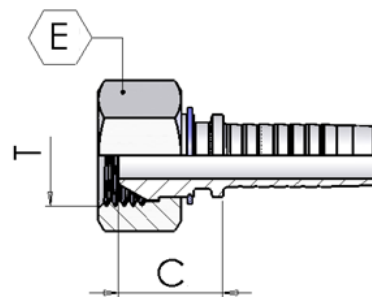


BSP Female 60° Cone - Crimped Nut

Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0051-03-02	3/16	4.8	03	1/8-28	15	14
X0051-04-02	1/4	6.4	04	1/8-28	15	14
X0051-04-08	1/4	6.4	04	1/2-14	22	27
X0051-05-04	5/16	7.9	05	1/4-19	17	19
X0051-06-04	3/8	9.5	06	1/4-19	17	19
X0051-08-06	1/2	12.7	08	3/8-19	20	22
X0051-08-10	1/2	12.7	08	5/8-14	20	30
X0051-08-12	1/2	12.7	08	3/4-14	27	32
X0051-10-08	5/8	15.9	10	1/2-14	23	27
X0051-10-10	5/8	15.9	10	5/8-14	20	30
X0051-10-12	5/8	15.9	10	3/4-14	25	32
X0051-12-08	3/4	19	12	1/2-14	24	27
X0051-12-12	3/4	19	12	3/4-14	25	32
X0051-12-16	3/4	19	12	1-11	26	38
X0051-16-12	1	25.4	16	3/4-14	27	32
X0051-16-16	1	25.4	16	1-11	27	38
X0051-20-20	1.1/4	31.8	20	1.1/4-11	33	50
X0051-24-24	1.1/2	38.1	24	1.1/2-11	33	70
X0051-32-32	2	50.8	32	2-11	54	70

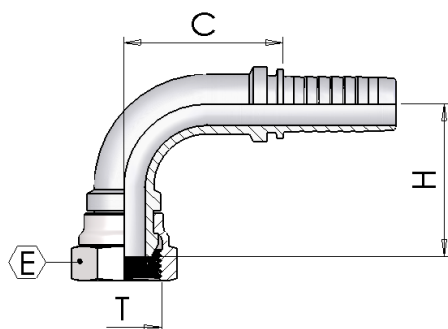
X0052

BSP Female 60° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0052-03-04	3/16	4.8	03	1/4-19	17	19
X0052-04-04	1/4	6.4	04	1/4-19	17	19
X0052-04-06	1/4	6.4	04	3/8-19	19	22
X0052-05-06	5/16	7.9	05	3/8-19	19	22
X0052-05-08	5/16	7.9	05	1/2-14	22	27
X0052-06-06	3/8	9.5	06	3/8-19	17	22
X0052-06-08	3/8	9.5	06	1/2-14	22	27
X0052-08-08	1/2	12.7	08	1/2-14	21	27

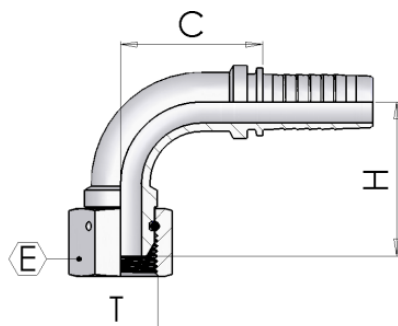
X0151



BSP 90° Swept elbow 60° Cone - Crimped Nut

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0151-03-02	3/16	4,8	03	1/8-28	22	14	23
X0151-04-02	1/4	6.4	04	1/8-28	25	14	25
X0151-05-04	5/16	7.9	05	1/4-19	31	19	31
X0151-06-04	3/8	9.5	06	1/4-19	31	19	33
X0151-08-06	1/2	12.7	08	3/8-19	39	22	42
X0151-08-10	1/2	12.7	08	5/8-14	40	30	41
X0151-08-12	1/2	12.7	08	3/4-14	41	32	46
X0151-10-10	5/8	15.9	10	5/8-14	43	30	43
X0151-10-12	5/8	15.9	10	3/4-14	45	32	50
X0151-12-12	3/4	19	12	3/4-14	58	32	57
X0151-12-16	3/4	19	12	1-11	56	38	60
X0151-16-16	1	25.4	16	1-11	70	38	67

X0150

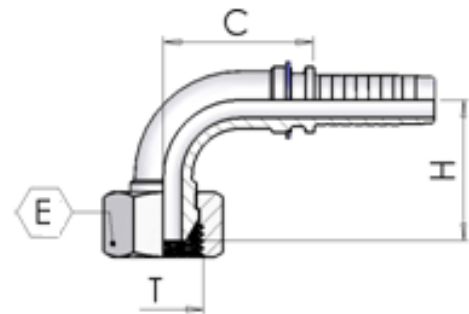


BSP 90° Swept Elbow 60° Cone - Thrust Wire

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0150-20-20	1.1/4	31.8	20	1.1/4-11	86	50	81
X0150-24-24	1.1/2	38.1	24	1.1/2-11	103	55	95
X0150-32-32	2	50.8	32	2-11	122	70	135

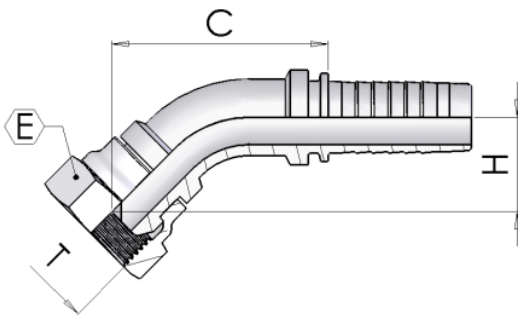
X0152

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



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0152-03-04	3/16	4.8	03	1/4-19	22	19	22
X0152-04-04	1/4	6.4	04	1/4-19	25	17	27
X0152-04-06	1/4	6.4	04	3/8-19	27	22	25
X0152-05-06	5/16	7.9	05	3/8-19	29	22	35
X0152-06-06	3/8	9.5	06	3/8-19	42	22	31
X0152-06-08	3/8	9.5	06	1/2-14	31	27	40
X0152-08-08	1/2	12.7	08	1/2-14	42	27	41

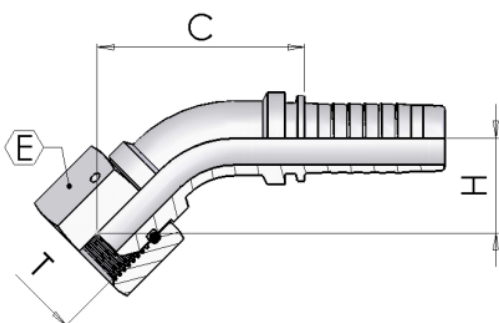
X0251



BSP 45° Swept Elbow 60° Cone - Crimped Nut

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0251-03-02	3/16	4.8	03	1/8-28	33	14	15
X0251-04-02	1/4	6.4	04	1/8-28	40	14	14
X0251-05-04	5/16	7.9	05	1/4-19	47	19	16
X0251-06-04	3/8	9.5	06	1/4-19	50	19	16
X0251-08-06	1/2	12.7	08	3/8-19	63	22	22
X0251-08-10	1/2	12.7	08	5/8-14	64	30	21
X0251-08-12	1/2	12.7	08	3/4-14	67	32	26
X0251-10-08	5/8	15.9	10	1/2-14	68	27	24
X0251-10-10	5/8	15.9	10	5/8-14	68	30	23
X0251-10-12	5/8	15.9	10	3/4-14	72	32	27
X0251-12-12	3/4	19	12	3/4-14	86	32	30
X0251-12-16	3/4	19	12	1-11	88	38	32
X0251-16-16	1	25.4	16	1-11	107	38	35

X0250

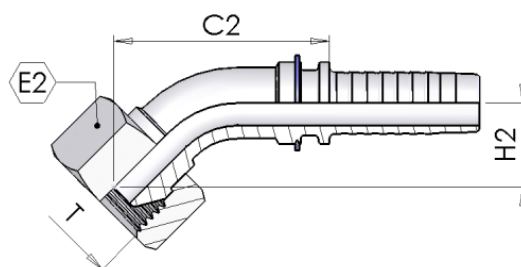


BSP 45° Swept Elbow 60° Cone - Thrust Wire Nut with O-Ring

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0250-20-20	1.1/4	31.8	20	1.1/4-11	107	50	40
X0250-24-24	1.1/2	38.1	24	1.1/2-11	117	55	47
X0250-32-32	2	50.8	32	2-11	142	70	65

X0252

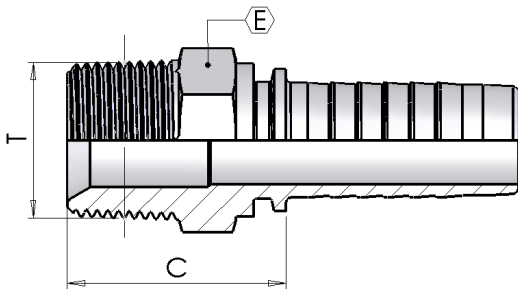
BSP 45° Swept Elbow 60° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0252-03-04	3/16	4.8	03	1/4-19	35	19	15
X0252-04-04	1/4	6.4	04	1/4-19	41	19	15
X0252-04-06	1/4	6.4	04	3/8-19	44	22	18
X0252-05-06	5/16	7.9	05	3/8-19	51	22	19
X0252-06-06	3/8	9.5	06	3/8-19	49	22	15
X0252-06-08	3/8	9.5	06	1/2-14	55	27	21
X0252-08-08	1/2	12.7	08	1/2-14	61	27	19

X0360

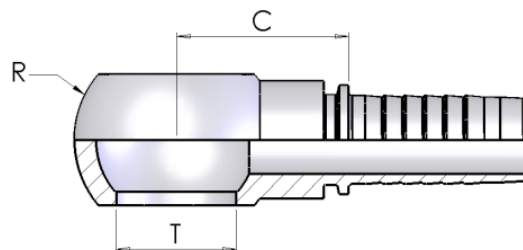
BSP Taper Male 60° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0360-03-02	3/16	4.8	03	1/8-28	21	12
X0360-03-04	3/16	4.8	03	1/4-19	27	15
X0360-04-02	1/4	6.4	04	1/8-28	22	12
X0360-04-04	1/4	6.4	04	1/4-19	28	15
X0360-04-06	1/4	6.4	04	3/8-19	28	19
X0360-05-04	5/16	7.9	05	1/4-19	28	15
X0360-05-06	5/16	7.9	05	3/8-19	28	19
X0360-06-04	3/8	9.5	06	1/4-19	28	17
X0360-06-06	3/8	9.5	06	3/8-19	28	19
X0360-06-08	3/8	9.5	06	1/2-14	33	22
X0360-08-06	1/2	12.7	08	3/8-19	29	19
X0360-08-08	1/2	12.7	08	1/2-14	34	22
X0360-08-12	1/2	12.7	08	3/4-14	36	27
X0360-10-08	5/8	15.9	10	1/2-14	34	22
X0360-10-10	5/8	15.9	10	5/8-14	35	24
X0360-10-12	5/8	15.9	10	3/4-14	36	27
X0360-12-12	3/4	19	12	3/4-14	37	27
X0360-12-16	3/4	19	12	1-11	43	36
X0360-16-16	1	25.4	16	1-11	44	36
X0360-16-20	1	25.4	16	1.1/4-11	46	46
X0360-20-20	1.1/4	31.8	20	1.1/4-11	47	46
X0360-20-24	1.1/4	31.8	20	1.1/2-11	49	50
X0360-24-24	1.1/2	38.1	24	1.1/2-11	49	50
X0360-24-32	1.1/2	38.1	24	2-11	55	65
X0360-32-32	2	50.8	32	2-11	55	65

X1400

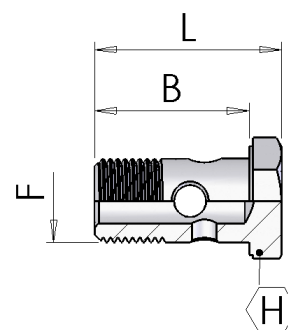
BSP Banjo



Part number	Hose I.D.		Dimensions			
			dash		Cut-Off	
	in	mm	size	mm	C	R
X1400-04-04	1/4	6.4	04	13.3	26	24
X1400-04-06	1/4	6.4	04	17	26	28
X1400-05-06	5/16	7.9	05	17	26	28
X1400-06-06	3/8	9.5	06	17	26	28
X1400-06-08	3/8	9.5	06	21.2	31	36
X1400-08-08	1/2	12.7	08	21.2	31	36
X1400-12-12	3/4	19	12	26.5	38	45
X1400-16-16	1	25.4	16	33.5	50	58

X1600-00

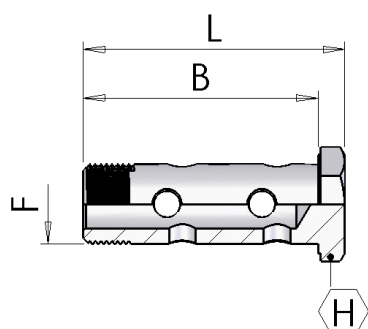
BSP perford bolt



Part number	Dimensions			
				Drop
	B	F	L	H
X1600-00-02	19	1/8"-28	24	14
X1600-00-04	29	1/4"-19	34	19
X1600-00-06	33	3/8"-19	41	22
X1600-00-08	38	1/2"-14	46	27
X1600-00-12	47	3/4"-14	56	32
X1600-00-16	58	1"-11	69	41

X1600

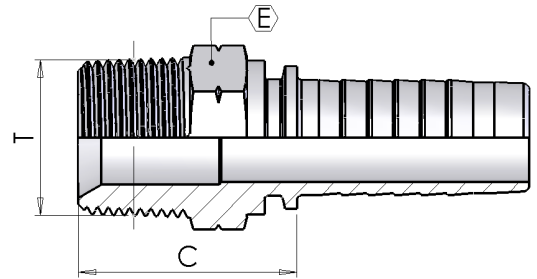
Double BSP perfored bolt



Part number	Dimensions			
				Drop
	B	F	L	H
X1600-04-04	43	1/4"-19	49	19
X1600-06-06	49	3/8"-19	57	22
X1600-08-08	62	1/2"-14	70	27
X1600-12-12	78	3/4"-14	87	32
X1600-16-16	98	1"-11	109	41

X0370

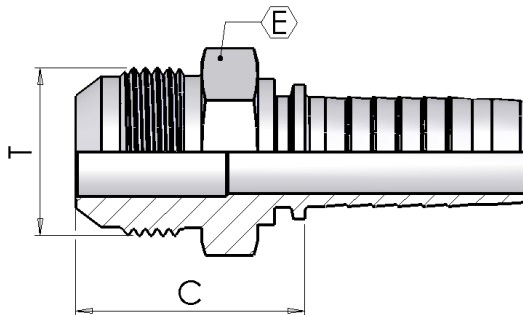
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0370-03-02	3/16	4.8	03	1/8-27	22	12
X0370-03-04	3/16	4.8	03	1/4-18	27	15
X0370-04-02	1/4	6.4	04	1/8-27	22	12
X0370-04-04	1/4	6.4	04	1/4-18	28	15
X0370-04-06	1/4	6.4	04	3/8-18	28	19
X0370-05-04	5/16	7.9	05	1/4-18	28	15
X0370-05-06	5/16	7.9	05	3/8-18	28	19
X0370-05-08	5/16	7.9	05	1/2-14	34	22
X0370-06-04	3/8	9.5	06	1/4-18	28	17
X0370-06-06	3/8	9.5	06	3/8-18	28	19
X0370-06-08	3/8	9.5	06	1/2-14	34	22
X0370-08-06	1/2	12.7	08	3/8-18	29	19
X0370-08-08	1/2	12.7	08	1/2-14	35	22
X0370-08-12	1/2	12.7	08	3/4-14	36	27
X0370-10-08	5/8	15.9	10	1/2-14	35	24
X0370-10-12	5/8	15.9	10	3/4-14	36	27
X0370-12-08	3/4	19	12	1/2-14	36	24
X0370-12-12	3/4	19	12	3/4-14	37	27
X0370-12-16	3/4	19	12	1-11.1/2	43	36
X0370-16-16	1	25.4	16	1-11.1/2	44	36
X0370-16-20	1	25.4	16	1.1/4-11.1/2	46	46
X0370-20-16	1.1/4	31.8	20	1-11.1/2	45	41
X0370-20-20	1.1/4	31.8	20	1.1/4-11.1/2	47	46
X0370-24-24	1.1/2	38.1	24	1.1/2-11.1/2	49	50
X0370-32-32	2	50.8	32	2-11.1/2	55	65

X0850

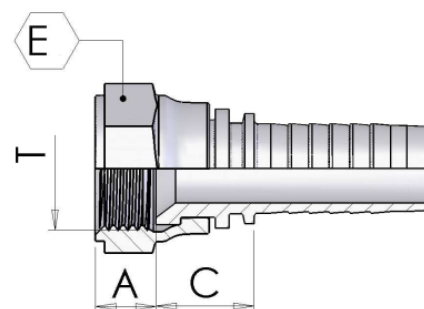
JIC Male 74° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0850-03-04	3/16	4.8	03	7/16-20	26	12
X0850-04-04	1/4	6.4	04	7/16-20	27	12
X0850-04-05	1/4	6.4	04	1/2-20	27	14
X0850-04-06	1/4	6.4	04	9/16-18	27	15
X0850-05-05	5/16	7.9	05	1/2-20	27	14
X0850-05-06	5/16	7.9	05	9/16-18	27	15
X0850-05-08	5/16	7.9	05	3/4-16	30	19
X0850-06-06	3/8	9.5	06	9/16-18	27	15
X0850-06-07	3/8	9.5	06	5/8-18	30	17
X0850-06-08	3/8	9.5	06	3/4-16	30	19
X0850-06-10	3/8	9.5	06	7/8-14	34	24
X0850-08-06	1/2	12.7	08	9/16-18	28	19
X0850-08-08	1/2	12.7	08	3/4-16	31	19
X0850-08-10	1/2	12.7	08	7/8-14	35	24
X0850-08-12	1/2	12.7	08	1.1/16-12	37	27
X0850-10-10	5/8	15.9	10	7/8-14	35	24
X0850-10-12	5/8	15.9	10	1.1/16-12	37	27
X0850-12-10	3/4	19	12	7/8-14	36	24
X0850-12-12	3/4	19	12	1.1/16-12	38	27
X0850-12-14	3/4	19	12	1.3/16-12	41	32
X0850-12-16	3/4	19	12	1.5/16-12	42	34
X0850-12-20	3/4	19	12	1.5/8-12	45	42
X0850-16-12	1	25.4	16	1.1/16-12	39	27
X0850-16-14	1	25.4	16	1.3/16-12	42	32
X0850-16-16	1	25.4	16	1.5/16-12	43	34
X0850-16-20	1	25.4	16	1.5/8-12	46	42
X0850-20-20	1.1/4	31.8	20	1.5/8-12	47	42
X0850-20-24	1.1/4	31.8	20	1.7/8-12	52	50
X0850-24-24	1.1/2	38.1	24	1.7/8-12	52	50
X0850-32-32	2	50.8	32	2.1/2-12	62	65

X0901

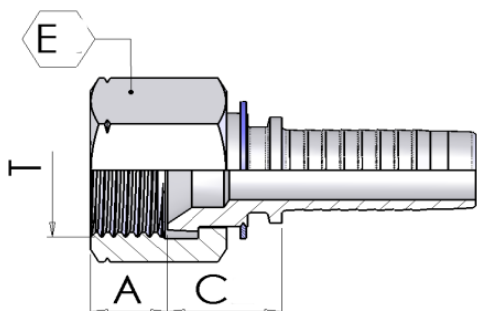
JIC Female 74° Cone Crimped Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off		Hex
	in	mm	size	T	C	A	E
X0901-03-04	3/16	4.8	03	7/16-20	14	9	15
X0901-04-04	1/4	6.4	04	7/16-20	14	9	15
X0901-04-07	1/4	6.4	04	5/8-18	17	11	22
X0901-05-05	5/16	7.9	05	1/2-20	15	10	17
X0901-05-07	5/16	7.9	05	5/8-18	17	9	22
X0901-06-04	3/8	9.5	06	7/16-20	15	9	15
X0901-06-05	3/8	9.5	06	1/2-20	15	10	17
X0901-06-06	3/8	9.5	06	9/16-18	16	9	19
X0901-06-07	3/8	9.5	06	5/8-18	16	11	22
X0901-08-08	1/2	12.7	08	3/4-16	18	11	24
X0901-10-10	5/8	15.9	10	7/8-14	19	13	27
X0901-12-10	3/4	19	12	7/8-14	20	13	27
X0901-12-12	3/4	19	12	1.1/16-12	22	14	32
X0901-12-14	3/4	19	12	1.3/16-12	23	14	36
X0901-12-16	3/4	19	12	1.5/16-12	21	16	38
X0901-16-12	1	25.4	16	1.1/16-12	23	14	32
X0901-16-16	1	25.4	16	1.5/16-12	24	16	38

X0902

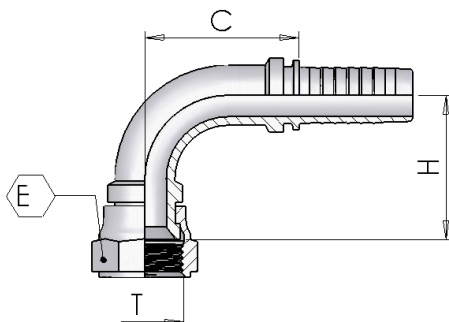
JIC Female 74° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off		Hex
	in	mm	size	T	C	A	E
X0902-04-05	1/4	6.4	04	1/2-20	17	10	17
X0902-04-06	1/4	6.4	04	9/16-18	17	9	19
X0902-05-06	5/16	7.9	05	9/16-18	16	9	19
X0902-06-08	3/8	9.5	06	3/4-16	18	11	22
X0902-08-10	1/2	12.7	08	7/8-14	20	13	27
X0902-10-12	5/8	15.9	10	1.1/16-12	20	14	32

X0951

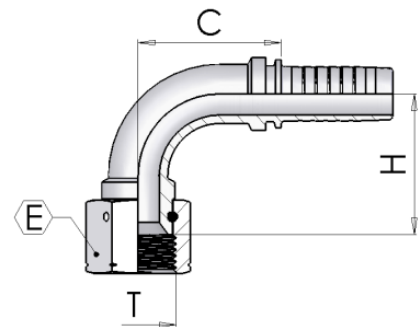
JIC 90° Swept Elbow 74° Cone - Crimped Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0951-03-04	3/16	4.8	03	7/16-20	22	15	22
X0951-04-04	1/4	6.4	04	7/16-20	25	15	24
X0951-05-05	5/16	7.9	05	1/2-20	29	17	30
X0951-06-05	3/8	9.5	06	1/2-20	33	17	30
X0951-06-06	3/8	9.5	06	9/16-18	31	19	32
X0951-08-08	1/2	12.7	08	3/4-16	41	24	41
X0951-10-10	5/8	15.9	10	7/8-14	43	27	44
X0951-12-16	3/4	19	12	1.5/16-12	56	38	57
X0951-16-16	1	25.4	16	1.5/16-12	70	38	65

X0950

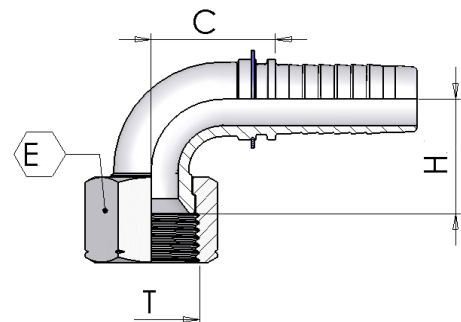
JIC 90° Swept Elbow 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0950-20-20	1.1/4	31.8	20	1.5/8-12	87	50	83
X0950-24-24	1.1/2	38.1	24	1.7/8-12	102	55	97
X0950-32-32	2	50.8	32	2.1/2-12	121	70	134

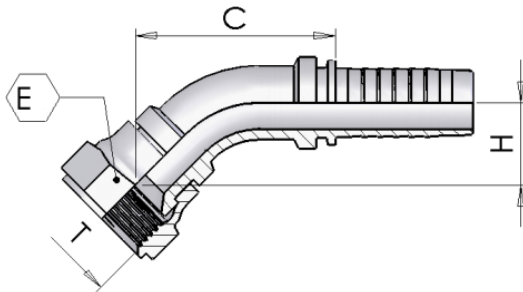
X0952

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



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0952-04-05	1/4	6.4	04	1/2-20	27	17	21
X0952-04-06	1/4	6.4	04	9/16-18	26	19	21
X0952-05-06	5/16	7.9	05	9/16-18	25	19	32
X0952-06-08	3/8	9.5	06	3/4-16	35	22	26
X0952-06-10	3/8	9.5	06	7/8-14	33	27	36
X0952-08-10	1/2	12.7	08	7/8-14	40	27	32
X0952-08-12	1/2	12.7	08	1.1/16-12	39	32	43
X0952-10-12	5/8	15.9	10	1.1/16-12	47	32	37
X0952-12-12	3/4	19	12	1.1/16-12	58	32	45

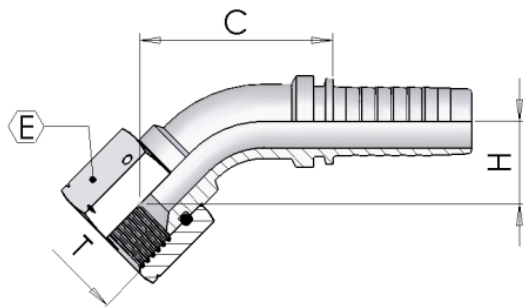
X1001



JIC 45° Swept Elbow 74° Cone - Crimped Nut

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X1001-03-04	3/16	4.8	03	7/16-20	33	15	15
X1001-04-04	1/4	6.4	04	7/16-20	38	15	13
X1001-05-05	5/16	7.9	05	1/2-20	46	17	17
X1001-06-05	3/8	9.5	06	1/2-20	49	17	16
X1001-06-06	3/8	9.5	06	9/16-18	51	19	17
X1001-08-08	1/2	12.7	08	3/4-16	62	24	22
X1001-10-10	5/8	15.9	10	7/8-14	68	27	24
X1001-12-16	3/4	19	12	1.5/16-12	86	38	30
X1001-16-16	1	25.4	16	1.5/16-12	104	38	33

X1000

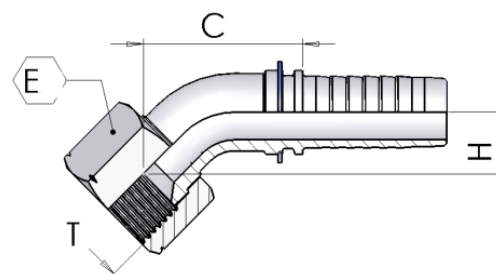


JIC 45° Swept Elbow 74° Cone - Thrust Wire

Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X1000-20-20	1.1/4	31,8	20	1.5/8-12	108	50	40
X1000-24-24	1.1/2	38,1	24	1.7/8-12	119	55	49
X1000-32-32	2	50,8	32	2.1/2-12	142	70	65

X1002

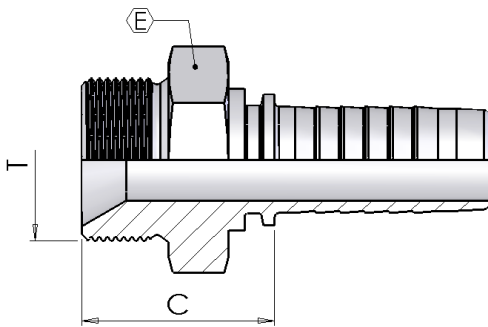
JIC 45° Swept Elbow 74° Cone - Slip On Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X1002-04-05	1/4	6.4	04	1/2-20	38	17	11
X1002-04-06	1/4	6.4	04	9/16-18	38	19	11
X1002-05-06	5/16	7.9	05	9/16-18	49	19	20
X1002-06-08	3/8	9.5	06	3/4-16	48	22	13
X1002-06-10	3/8	9.5	06	7/8-14	54	27	21
X1002-08-10	1/2	12.7	08	7/8-14	58	27	16
X1002-08-12	1/2	12.7	08	1.1/16-12	68	32	25
X1002-10-12	5/8	15.9	10	1.1/16-12	66	32	18
X1002-12-12	3/4	19	12	1.1/16-12	81	32	21

X0400

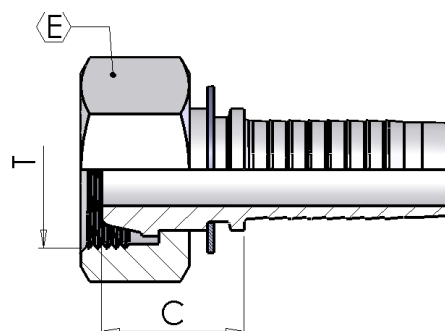
Metric Male 60° cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0400-03-10	3/16	4.8	03	M10-1	19	14
X0400-03-12	3/16	4.8	03	M12-1.5	25	17
X0400-04-10	1/4	6.4	04	M10-1	20	14
X0400-04-12	1/4	6.4	04	M12-1.5	26	17
X0400-04-14	1/4	6.4	04	M14-1.5	26	19
X0400-04-16	1/4	6.4	04	M16-1.5	26	22
X0400-05-12	5/16	7.9	05	M12-1.5	26	17
X0400-05-16	5/16	7.9	05	M16-1.5	26	22
X0400-05-18	5/16	7.9	05	M18-1.5	26	24
X0400-06-14	3/8	9.5	06	M14-1.5	26	19
X0400-06-16	3/8	9.5	06	M16-1.5	26	22
X0400-06-18	3/8	9.5	06	M18-1.5	27	24
X0400-06-22	3/8	9.5	06	M22-1.5	27	27
X0400-08-18	1/2	12.7	08	M18-1.5	28	24
X0400-08-22	1/2	12.7	08	M22-1.5	30	27
X0400-10-26	5/8	15.9	10	M26-1.5	32	32
X0400-12-26	3/4	19	12	M26-1.5	33	32
X0400-12-30	3/4	19	12	M30-1.5	36	36
X0400-16-38	1	25.4	16	M38-1.5	37	46
X0400-20-45	1.1/4	31.8	20	M45-1.5	39	55

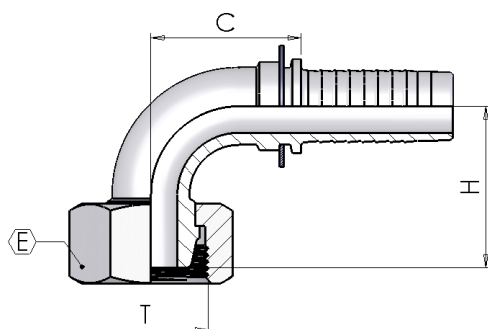
X0035

Metric Female 24° - Seat Light Multiseal



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0035-03-12	3/16	4.8	03	M12-1.5	6	19	14
X0035-03-16	3/16	4.8	03	M16-1.5	10	18	19
X0035-04-14	1/4	6.4	04	M14-1.5	8	19	17
X0035-04-16	1/4	6.4	04	M16-1.5	10	19	19
X0035-05-16	5/16	7.9	05	M16-1.5	10	19	19
X0035-05-18	5/16	7.9	05	M18-1.5	12	21	22
X0035-06-18	3/8	9.5	06	M18-1.5	12	23	22
X0035-06-22	3/8	9.5	06	M22-1.5	15	22	27
X0035-08-22	1/2	12.7	08	M22-1.5	15	22	27
X0035-08-26	1/2	12.7	08	M26-1.5	18	24	32
X0035-10-26	5/8	15.9	10	M26-1.5	18	24	32

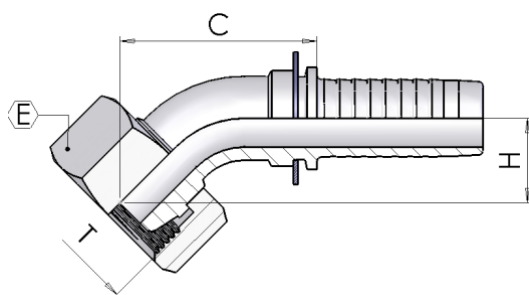
X0135



90° Metric Swept Elbow 24° - Seat Light Multiseal

Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0135-04-14	1/4	6.4	04	M14-1.5	8	25	17	25
X0135-04-16	1/4	6.4	04	M16-1.5	10	26	19	24
X0135-05-16	5/16	7.9	05	M16-1.5	10	32	19	29
X0135-05-18	5/16	7.9	05	M18-1.5	12	31	22	30
X0135-06-18	3/8	9.5	06	M18-1.5	12	32	22	33
X0135-06-22	3/8	9.5	06	M22-1.5	15	33	27	34
X0135-08-22	1/2	12.7	08	M22-1.5	15	41	27	38
X0135-10-26	5/8	15.9	10	M26-1.5	18	46	32	42

X0235

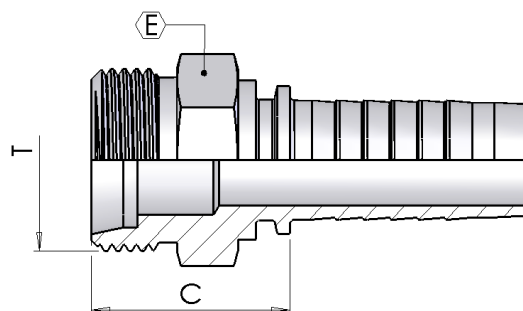


45° Metric Swept Elbow 24° - Seat Light Multiseal

Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0235-04-14	1/4	6.4	04	M14-1.5	8	40	17	14
X0235-04-16	1/4	6.4	04	M16-1.5	10	37	19	16
X0235-05-16	5/16	7.9	05	M16-1.5	10	47	19	14
X0235-05-18	5/16	7.9	05	M18-1.5	12	49	22	16
X0235-06-18	3/8	9.5	06	M18-1.5	12	50	22	16
X0235-08-22	1/2	12.7	08	M22-1.5	15	61	27	21

X0500

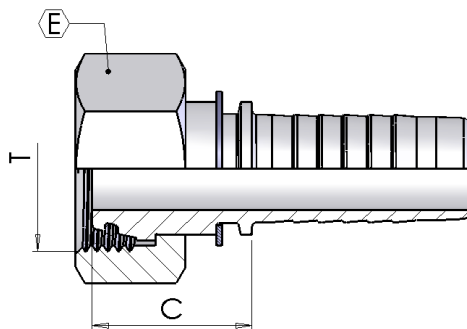
Metric Male 24° - Seat Light



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0500-03-12	3/16	4.8	03	M12-1.5	6	22	14
X0500-04-12	1/4	6.4	04	M12-1.5	6	23	14
X0500-04-14	1/4	6.4	04	M14-1.5	8	22	14
X0500-04-16	1/4	6.4	04	M16-1.5	10	23	17
X0500-04-18	1/4	6.4	04	M18-1.5	12	24	19
X0500-05-14	5/16	7.9	05	M14-1.5	8	22	14
X0500-05-16	5/16	7.9	05	M16-1.5	10	23	17
X0500-05-18	5/16	7.9	05	M18-1.5	12	24	19
X0500-05-22	5/16	7.9	05	M22-1.5	15	25	22
X0500-06-16	3/8	9.5	06	M16-1.5	10	23	17
X0500-06-18	3/8	9.5	06	M18-1.5	12	24	19
X0500-06-22	3/8	9.5	06	M22-1.5	15	25	22
X0500-08-18	1/2	12.7	08	M18-1.5	12	25	19
X0500-08-22	1/2	12.7	08	M22-1.5	15	26	22
X0500-08-26	1/2	12.7	08	M26-1.5	18	27	27
X0500-10-22	5/8	15.9	10	M22-1.5	15	26	22
X0500-10-26	5/8	15.9	10	M26-1.5	18	27	27
X0500-10-30	5/8	15.9	10	M30-2	22	32	30
X0500-12-26	3/4	19	12	M26-1.5	18	28	27
X0500-12-30	3/4	19	12	M30-2	22	33	30
X0500-16-36	1	25.4	16	M36-2	28	32	36
X0500-20-45	1.1/4	31.8	20	M45-2	35	36	46
X0500-24-52	1.1/2	38.1	24	M52-2	42	38	55

X0085

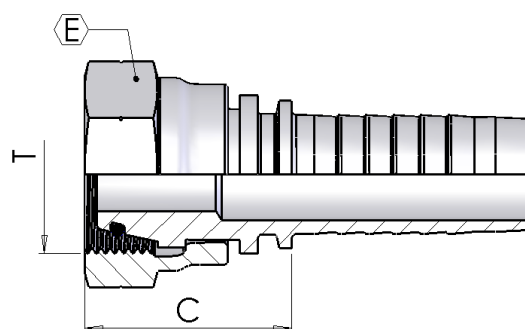
Metric Female 24° - Seat Light



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0085-03-12	3/16	4.8	03	M12-1.5	6	23	14
X0085-04-14	1/4	6.4	04	M14-1.5	8	24	17
X0085-04-16	1/4	6.4	04	M16-1.5	10	24	19
X0085-04-18	1/4	6.4	04	M18-1.5	12	25	22
X0085-05-16	5/16	7.9	05	M16-1.5	10	24	19
X0085-05-18	5/16	7.9	05	M18-1.5	12	25	22
X0085-06-18	3/8	9.5	06	M18-1.5	12	25	22
X0085-06-22	3/8	9.5	06	M22-1.5	15	29	27
X0085-08-22	1/2	12.7	08	M22-1.5	15	29	27
X0085-08-26	1/2	12.7	08	M26-1.5	18	29	32
X0085-10-26	5/8	15.9	10	M26-1.5	18	29	32
X0085-10-30	5/8	15.9	12	M30-2	22	29	36
X0085-12-30	3/4	19	12	M30-2	22	29	36
X0085-12-36	3/4	19	12	M36-2	28	28	41
X0085-16-36	1	25.4	16	M36-2	28	30	41
X0085-20-45	1.1/4	31.8	20	M45-2	35	40	50
X0085-24-52	1.1/2	38.1	24	M52-2	42	41	60

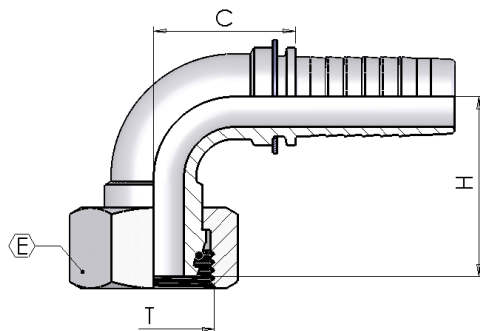
X0085

Metric Female 24° - Seat Light Crimped Nut



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0085-04-12	1/4	6.4	04	M12-1.5	6	25	14
X0085-05-14	5/16	7.9	05	M14-1.5	8	26	19
X0085-06-16	3/8	9.5	06	M16-1.5	10	25	19
X0085-08-18	1/2	12.7	08	M18-1.5	12	28	24
X0085-10-22	5/8	15.9	10	M22-1.5	15	32	27
X0085-12-26	3/4	19	12	M26-1.5	18	36	32

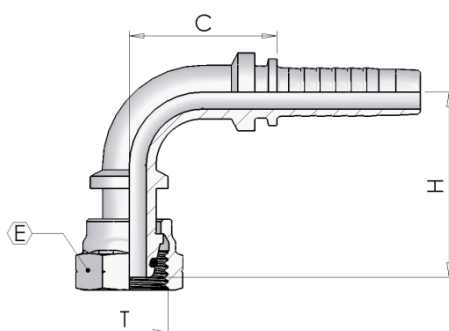
X0185



90° Metric Swept Elbow 24° - Seat Light

Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0185-03-12	3/16	4.8	03	M12-1.5	6	22	14	23
X0185-04-14	1/4	6.4	04	M14-1.5	8	26	17	26
X0185-04-16	1/4	6.4	04	M16-1.5	10	25	19	27
X0185-04-18	1/4	6.4	04	M18-1.5	12	27	22	30
X0185-05-16	5/16	7.9	05	M16-1.5	10	31	19	31
X0185-05-18	5/16	7.9	05	M18-1.5	12	31	22	32
X0185-06-18	3/8	9.5	06	M18-1.5	12	32	22	35
X0185-06-22	3/8	9.5	06	M22-1.5	15	32	27	35
X0185-08-22	1/2	12.7	08	M22-1.5	15	41	27	38
X0185-08-26	1/2	12.7	08	M26-1.5	18	41	32	39
X0185-10-26	5/8	15.9	10	M26-1.5	18	44	32	44
X0185-12-30	3/4	19	12	M30-2	22	58	36	52
X0185-16-36	1	25.4	16	M36-2	28	72	41	62

X0185

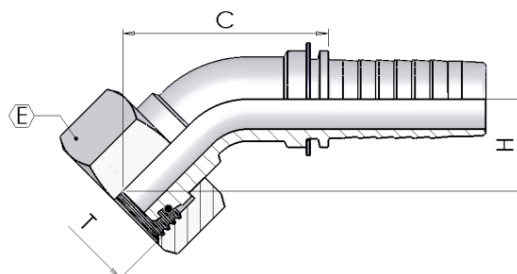


90° Metric Swept Elbow 24° - Seat Light Crimped Nut

Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0185-04-12	1/4	6.4	04	M12-1.5	6	26	14	34
X0185-05-14	5/16	7.9	05	M14-1.5	8	30	17	38
X0185-06-16	3/8	9.5	06	M16-1.5	10	32	19	39
X0185-10-22	5/8	15.9	08	M22-1.5	15	42	27	55

X0285

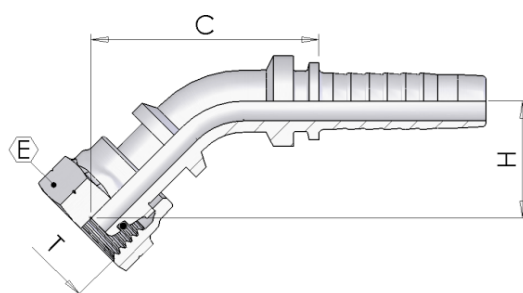
45° Metric Swept Elbow 24° - Seat Light



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0285-03-12	3/16	4.8	03	M12-1.5	6	36	14	14
X0285-04-14	1/4	6.4	04	M14-1.5	8	42	17	14
X0285-04-16	1/4	6.4	04	M16-1.5	10	42	19	15
X0285-04-18	1/4	6.4	04	M18-1.5	12	43	22	16
X0285-05-16	5/16	7.9	05	M16-1.5	10	48	19	17
X0285-05-18	5/16	7.9	05	M18-1.5	12	48	22	18
X0285-06-18	3/8	9.5	06	M18-1.5	12	52	22	19
X0285-06-22	3/8	9.5	06	M22-1.5	15	51	27	19
X0285-08-22	1/2	12.7	08	M22-1.5	15	63	27	21
X0285-10-26	5/8	15.9	10	M26-1.5	18	68	32	23
X0285-12-30	3/4	19	12	M30-2	22	85	36	27
X0285-16-36	1	25.4	16	M36-2	28	102	41	32

X0285

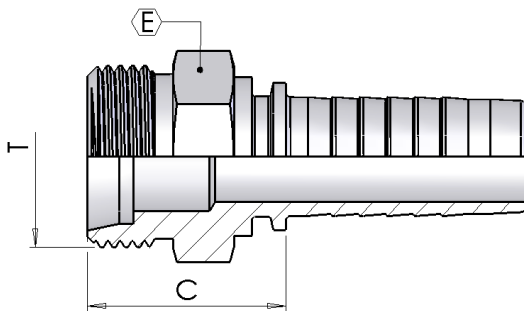
45° Metric Swept Elbow 24° - Seat Light Crimped Nut



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0285-04-12	1/4	6.4	04	M12-1.5	6	46	14	20
X0285-06-16	3/8	9.5	06	M16-1.5	10	55	19	22

X0450

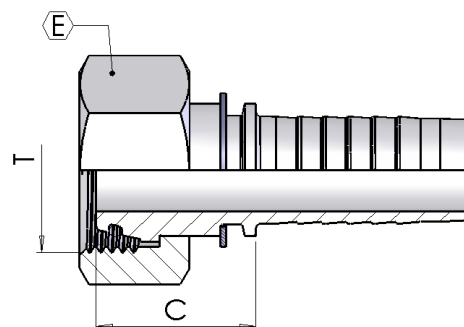
Metric Male 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0450-03-16	3/16	4.8	03	M16-1.5	8	26	17
X0450-04-14	1/4	6.4	04	M14-1.5	6	25	14
X0450-04-16	1/4	6.4	04	M16-1.5	8	27	17
X0450-04-18	1/4	6.4	04	M18-1.5	10	27	19
X0450-05-18	5/16	7.9	05	M18-1.5	10	27	19
X0450-05-20	5/16	7.9	05	M20-1.5	12	29	22
X0450-06-18	3/8	9.5	06	M18-1.5	10	27	19
X0450-06-20	3/8	9.5	06	M20-1.5	12	29	22
X0450-06-22	3/8	9.5	06	M22-1.5	14	31	22
X0450-06-24	3/8	9.5	06	M24-1.5	16	31	24
X0450-08-24	1/2	12.7	08	M24-1.5	16	32	24
X0450-10-30	5/8	15.9	10	M30-2	20	34	30
X0450-12-30	3/4	19	12	M30-2	20	35	30
X0450-12-36	3/4	19	12	M36-2	25	38	36
X0450-16-36	1	25.4	16	M36-2	25	39	36
X0450-16-42	1	25.4	16	M42-2	30	42	46
X0450-20-42	1.1/4	31.8	20	M42-2	30	43	46
X0450-20-52	1.1/4	31.8	20	M52-2	38	45	55
X0450-24-52	1.1/2	38.1	24	M52-2	38	45	55

X0084

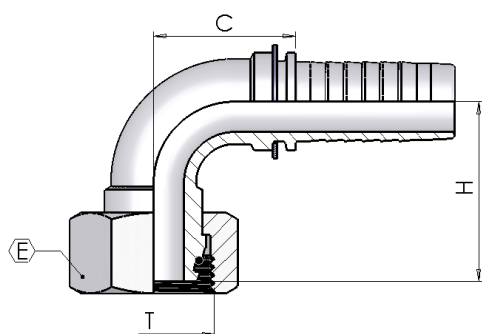
Metric Female 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0084-03-16	3/16	4.8	03	M16-1.5	8	25	19
X0084-04-14	1/4	6.4	04	M14-1.5	6	23	17
X0084-04-16	1/4	6.4	04	M16-1.5	8	25	19
X0084-04-18	1/4	6.4	04	M18-1.5	10	24	22
X0084-05-18	5/16	7.9	05	M18-1.5	10	24	22
X0084-05-20	5/16	7.9	05	M20-1.5	12	26	24
X0084-06-16	3/8	9.5	06	M16-1.5	8	26	19
X0084-06-18	3/8	9.5	06	M18-1.5	10	25	22
X0084-06-20	3/8	9.5	06	M20-1.5	12	25	24
X0084-06-22	3/8	9.5	06	M22-1.5	14	29	27
X0084-08-22	1/2	12.7	08	M22-1.5	14	17	27
X0084-08-24	1/2	12.7	08	M24-1.5	16	30	30
X0084-08-30	1/2	12.7	08	M30-2	20	33	36
X0084-10-24	5/8	15.9	10	M24-1.5	16	31	30
X0084-10-30	5/8	15.9	10	M30-2	20	33	36
X0084-12-30	3/4	19	12	M30-2	20	34	36
X0084-12-36	3/4	19	12	M36-2	25	40	46
X0084-16-36	1	25.4	16	M36-2	25	41	46
X0084-16-42	1	25.4	16	M42-2	30	43	50
X0084-20-52	1.1/4	31.8	20	M52-2	38	44	60
X0084-24-52	1.1/2	38.1	24	M52-2	38	44	60

X0184

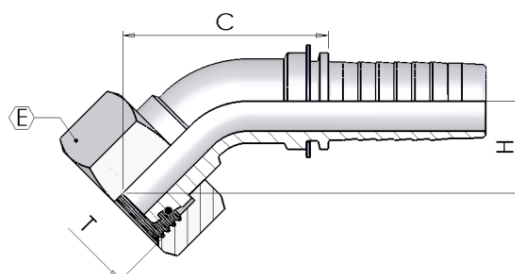
90° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0184-03-16	3/16	4.8	03	M16-1.5	8	22	19	25
X0184-04-14	1/4	6.4	04	M14-1.5	6	27	17	26
X0184-04-16	1/4	6.4	04	M16-1.5	8	26	19	26
X0184-04-18	1/4	6.4	04	M18-1.5	10	27	22	31
X0184-04-20	1/4	6.4	04	M20-1.5	12	27	24	30
X0184-05-18	5/16	7.9	05	M18-1.5	10	33	22	33
X0184-05-20	5/16	7.9	05	M20-1.5	12	30	24	34
X0184-06-18	3/8	9.5	06	M18-1.5	10	34	22	35
X0184-06-20	3/8	9.5	06	M20-1.5	12	34	24	34
X0184-06-22	3/8	9.5	06	M22-1.5	14	33	27	33
X0184-08-24	1/2	12.7	08	M24-1.5	16	40	30	41
X0184-10-30	5/8	15.9	10	M30-2	20	46	36	50
X0184-12-30	3/4	19	12	M30-2	20	58	36	56
X0184-12-36	3/4	19	12	M36-2	25	56	46	59
X0184-16-36	1	25.4	16	M36-2	25	69	46	67
X0184-16-42	1	25.4	16	M42-2	30	69	50	67
X0184-20-52	1.1/4	31.8	20	M52-2	38	84	60	82
X0184-24-52	1.1/2	38.1	24	M52-2	38	99	60	94

X0284

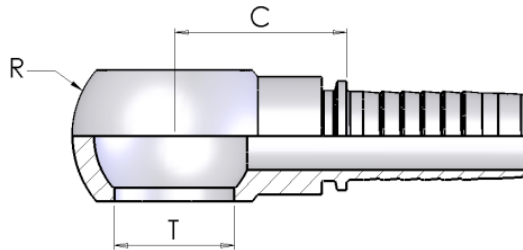
45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0284-03-16	3/16	4.8	03	M16-1.5	8	36	19	16
X0284-04-14	1/4	6.4	04	M14-1.5	6	37	17	15
X0284-04-16	1/4	6.4	04	M16-1.5	8	42	19	15
X0284-04-18	1/4	6.4	04	M18-1.5	10	45	22	18
X0284-05-20	5/16	7.9	05	M20-1.5	12	49	24	19
X0284-06-18	3/8	9.5	06	M18-1.5	10	51	22	19
X0284-06-20	3/8	9.5	06	M20-1.5	12	53	24	18
X0284-06-22	3/8	9.5	06	M22-1.5	14	54	27	20
X0284-08-24	1/2	12.7	08	M24-1.5	16	63	30	21
X0284-10-30	5/8	15.9	10	M30-2	20	74	36	29
X0284-12-30	3/4	19	12	M30-2	20	87	36	30
X0284-12-36	3/4	19	12	M36-2	25	74	46	31
X0284-16-36	1	25.4	16	M36-2	25	105	46	34
X0284-16-42	1	25.4	16	M42-2	30	82	50	33
X0284-20-52	1.1/4	31.8	20	M52-2	38	105	60	39
X0284-24-52	1.1/2	38.1	24	M52-2	38	157	60	52

X1350

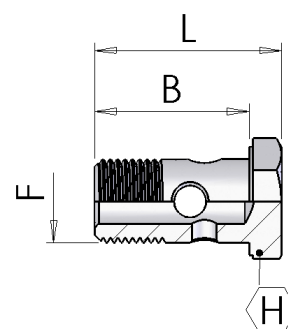
Metric Banjo



Part number	Hose I.D.		Dimensions			
			dash	Hole	Cut-Off	
	in	mm	size	mm	C	R
X1350-03-10	3/16	4.8	03	10.2	25	17
X1350-03-12	3/16	4.8	03	12.2	21	20
X1350-04-10	1/4	6.4	04	10.2	25	17
X1350-04-12	1/4	6.4	04	12.2	22	20
X1350-04-14	1/4	6.4	04	14.2	25	24
X1350-05-14	5/16	7.9	05	14.2	25	24
X1350-05-16	5/16	7.9	05	16.2	31	28
X1350-05-18	5/16	7.9	05	18.2	29	32
X1350-06-14	3/8	9.5	06	14.2	25	24
X1350-06-16	3/8	9.5	06	16.2	31	28
X1350-06-18	3/8	9.5	06	18.2	29	32
X1350-06-22	3/8	9.5	06	22.2	31	36
X1350-08-16	1/2	12.7	08	16.2	30	28
X1350-08-18	1/2	12.7	08	18.2	29	32
X1350-08-22	1/2	12.7	08	22.2	31	36
X1350-10-22	5/8	15.9	10	22.2	31	36
X1350-10-26	5/8	15.9	10	26.2	38	45
X1350-12-22	3/4	19	12	22.2	32	36
X1350-12-26	3/4	19	12	26.2	38	45
X1350-16-30	1	25.4	16	30.2	45	54

X1650

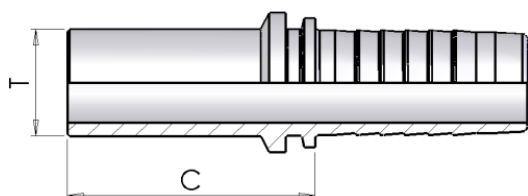
Metric perfored bolt



Part number	Dimensions			
				Drop
	B	F	L	H
X1650-00-12	26	M12 x 1.5	31	17
X1650-00-14	29	M14 x 1.5	34	19
X1650-00-16	33	M16 x 1.5	41	22
X1650-00-18	37	M18 x 1.5	44	24
X1650-00-22	38	M22 x 1.5	46	27
X1650-00-26	47	M26 x 1.5	56	32
X1650-00-30	58	M30 x 1.5	68	36

X0550

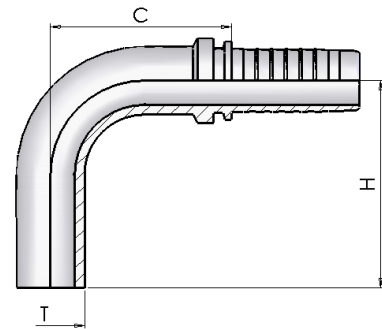
Metric Standpipe



Part number	Hose I.D.		Dimensions			
			dash	pipe		Cut-Off
	in	mm	size	T	Type	C
X0550-03-06	3/16	4.8	03	6	L/S	30
X0550-03-08	3/16	4.8	03	8	L/S	29
X0550-04-06	1/4	6.4	04	6	L/S	32
X0550-04-08	1/4	6.4	04	8	L/S	30
X0550-04-10	1/4	6.4	04	10	L/S	33
X0550-04-12	1/4	6.4	04	12	L/S	30
X0550-05-08	5/16	7.9	05	08	L/S	31
X0550-05-10	5/16	7.9	05	10	L/S	31
X0550-05-12	5/16	7.9	05	12	L/S	33
X0550-06-08	3/8	9.5	06	08	L/S	33
X0550-06-10	3/8	9.5	06	10	L/S	33
X0550-06-12	3/8	9.5	06	12	L/S	32
X0550-06-14	3/8	9.5	06	14	S	37
X0550-06-15	3/8	9.5	06	15	L	32
X0550-08-12	1/2	12.7	08	12	L/S	36
X0550-08-14	1/2	12.7	08	14	S	39
X0550-08-15	1/2	12.7	08	15	L	34
X0550-08-16	1/2	12.7	08	16	S	39
X0550-08-18	1/2	12.7	08	18	L	35
X0550-08-20	1/2	12.7	08	20	S	45
X0550-10-18	5/8	15.9	10	18	L	35
X0550-10-20	5/8	15.9	10	20	S	45
X0550-10-22	5/8	15.9	10	22	L	33
X0550-12-18	3/4	19	12	18	L	37
X0550-12-20	3/4	19	12	20	S	46
X0550-12-22	3/4	19	12	22	L	38
X0550-12-25	3/4	19	12	25	S	49
X0550-12-28	3/4	19	12	28	L	40
X0550-16-25	1	25.4	16	25	S	51
X0550-16-28	1	25.4	16	28	L	41
X0550-16-30	1	25.4	16	30	S	54
X0550-16-38	1	25.4	16	38	S	60
X0550-20-30	1.1/4	31.8	20	30	S	58
X0550-20-35	1.1/4	31.8	20	35	L	48
X0550-20-38	1.1/4	31.8	20	38	S	62
X0550-24-38	1.1/2	38.1	24	38	S	63
X0550-24-42	1.1/2	38.1	24	42	L	50

X0650

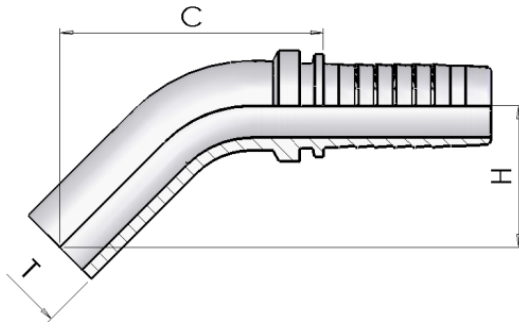
90° Metric Standpipe



Part number	Hose I.D.		Dimensions				
			dash	pipe		Cut-Off	Drop
	in	mm	size	T	Type	C	H
X0650-03-06	3/16	4.8	03	6	L/S	20	32
X0650-04-06	1/4	6.4	04	6	L/S	23	32
X0650-04-08	1/4	6.4	04	8	L/S	25	34
X0650-04-10	1/4	6.4	04	10	L/S	25	43
X0650-05-10	5/16	7.9	05	10	L/S	29	40
X0650-05-12	5/16	7.9	05	12	L/S	29	45
X0650-06-10	3/8	9.5	06	10	L/S	27	40
X0650-06-12	3/8	9.5	06	12	L/S	30	44
X0650-08-14	1/2	12.7	08	14	S	36	46
X0650-08-15	1/2	12.7	08	15	L	39	52
X0650-08-16	1/2	12.7	08	16	S	42	56
X0650-08-18	1/2	12.7	08	18	L	42	56
X0650-10-18	5/8	15.9	10	18	L	42	56
X0650-10-20	5/8	15.9	10	20	S	48	65
X0650-12-20	3/4	19	12	20	S	48	65
X0650-12-22	3/4	19	12	22	L	51	71
X0650-12-25	3/4	19	12	25	S	57	75
X0650-16-25	1	25.4	16	25	S	57	75
X0650-16-28	1	25.4	16	28	L	60	89
X0650-16-30	1	25.4	16	30	S	65	89
X0650-20-30	1.1/4	31.8	20	30	S	66	89
X0650-20-38	1.1/4	31.8	20	38	S	83	102
X0650-24-38	1.1/2	38.1	24	38	S	82	102

X0750

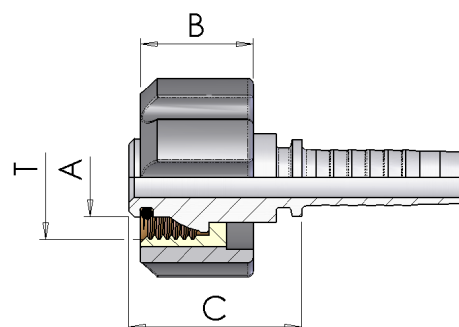
45° Metric Standpipe



Part number	Hose I.D.		Dimensions				
			dash	pipe		Cut-Off	Drop
	in	mm	size	T	Type	C	H
X0750-03-06	3/16	4.8	03	6	L/S	38	25
X0750-04-06	1/4	6.4	04	6	L/S	41	24
X0750-04-08	1/4	6.4	04	8	L/S	43	25
X0750-04-10	1/4	6.4	04	10	L/S	47	30
X0750-05-10	5/16	7.9	05	10	L/S	49	30
X0750-05-12	5/16	7.9	05	12	L/S	53	32
X0750-06-10	3/8	9.5	06	10	L/S	50	33
X0750-06-12	3/8	9.5	06	12	L/S	52	33
X0750-08-14	1/2	12.7	08	14	S	50	27
X0750-08-15	1/2	12.7	08	15	L	55	29
X0750-08-16	1/2	12.7	08	16	S	54	27
X0750-08-18	1/2	12.7	08	18	L	56	29
X0750-10-18	5/8	15.9	10	18	L	56	29
X0750-10-20	5/8	15.9	10	20	S	56	34
X0750-12-20	3/4	19	12	20	S	63	34
X0750-12-22	3/4	19	12	22	L	65	35
X0750-12-25	3/4	19	12	25	S	76	41
X0750-16-25	1	25.4	16	25	S	76	41
X0750-16-28	1	25.4	16	28	L	84	49
X0750-16-30	1	25.4	16	30	S	86	44
X0750-20-30	1.1/4	31.8	20	30	S	88	44
X0750-20-38	1.1/4	31.8	20	38	S	101	50
X0750-24-38	1.1/2	38.1	24	38	S	100	50

XFK50

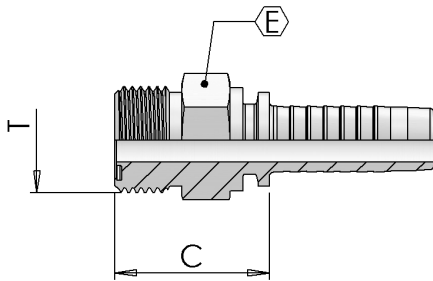
K' Female



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off		
	in	mm	size	T	C	A	B
XFK50-04-22	1/4	6.4	04	M22-1.5	31	14	20
XFK50-05-22	5/16	7.9	05	M22-1.5	31	14	20
XFK50-06-22	3/8	9.5	06	M22-1.5	31	14	20
XFK50-04022	1/4	6.4	04	M22-1.5	31	14	27
XFK50-05022	5/16	7.9	05	M22-1.5	31	14	27
XFK50-06022	3/8	9.5	06	M22-1.5	31	14	27

XS350

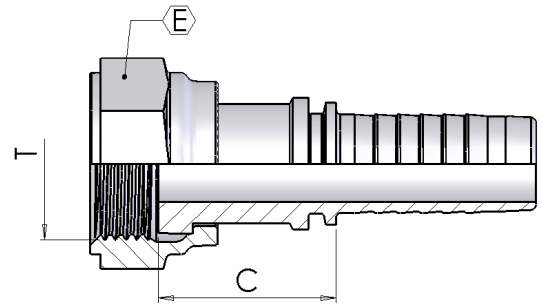
ORFS Male



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
XS350-04-06	1/4	6.4	04	9/16-18	23	17
XS350-04-09	1/4	6.4	04	11/16-16	21	19
XS350-05-09	5/16	7.9	05	11/16-16	26	19
XS350-06-09	3/8	9.5	06	11/16-16	26	19
XS350-06-11	3/8	9.5	6	13/16-16	29	22
XS350-08-11	1/2	12.7	08	13/16-16	29	22
XS350-08-13	1/2	12.7	08	1-14	34	27
XS350-08-14	1/2	12.7	08	1.3/16-12	35	32
XS350-10-13	5/8	15.9	10	1-14	33	27
XS350-10-14	5/8	15.9	10	1.3/16-12	35	32
XS350-12-14	3/4	19	12	1.3/16-12	36	32
XS350-12-15	3/4	19	12	1.7/16-12	36	38
XS350-16-15	1	25.4	16	1.7/16-12	37	38
XS350-16-21	1	25.4	16	1.11/16-12	38	46
XS350-20-21	1.1/4	31.8	20	1.11/16-12	39	46

XS050

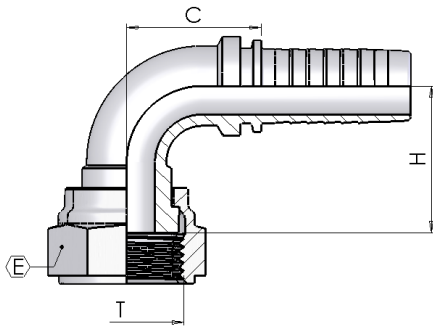
ORFS Female



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
XS050-04-06	1/4	6.4	04	9/16-18	25	19
XS050-04-09	1/4	6.4	04	11/16-16	29	22
XS050-05-09	5/16	7.9	05	11/16-16	29	22
XS050-06-09	3/8	9.5	06	11/16-16	29	22
XS050-06-11	3/8	9.5	06	13/16-16	30	24
XS050-08-11	1/2	12.7	08	13/16-16	32	24
XS050-08-13	1/2	12.7	08	1-14	35	30
XS050-08-14	1/2	12.7	08	1.3/16-12	37	36
XS050-10-13	5/8	15.9	10	1-14	35	30
XS050-10-14	5/8	15.9	10	1.3/16-12	34	36
XS050-12-13	3/4	19	12	1-14	37	30
XS050-12-14	3/4	19	12	1.3/16-12	35	36
XS050-12-15	3/4	19	12	1.7/16-12	41	41
XS050-16-15	1	25.4	16	1.7/16-12	39	41
XS050-20-21	1.1/4	31.8	20	1.11/16-12	40	50
XS050-24-32	1.1/2	38.1	24	2-12	41	60

XS150

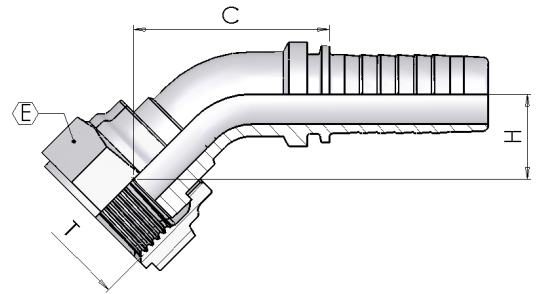
ORFS 90° Swept Elbow



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
XS150-04-06	1/4	6.4	04	9/16-18	25	19	26
XS150-04-09	1/4	6.4	04	11/16-16	25	22	23
XS150-05-09	5/16	7.9	05	11/16-16	29	22	32
XS150-06-09	3/8	9.5	06	11/16-16	33	22	33
XS150-06-11	3/8	9.5	06	13/16-16	33	24	32
XS150-08-11	1/2	12.7	08	13/16-16	39	24	36
XS150-08-13	1/2	12.7	08	1-14	39	30	40
XS150-08-14	1/2	12.7	08	1.3/16-12	42	36	39
XS150-10-13	5/8	15.9	10	1-14	47	30	39
XS150-12-14	3/4	19	12	1.3/16-12	57	36	49
XS150-12-15	3/4	19	12	1.7/16-12	56	41	51
XS150-16-15	1	25.4	16	1.7/16-12	67	41	62
XS150-20-21	1.1/4	31.8	20	1.11/16-12	86	50	72
XS150-24-32	1.1/2	38.1	24	2-12	103	60	82

XS250

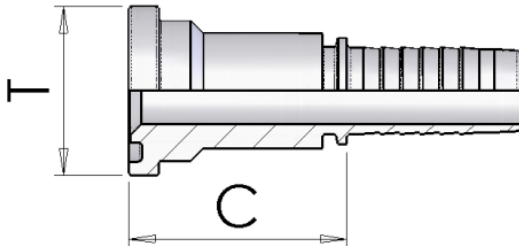
ORFS 45° Swept Elbow



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
XS250-04-06	1/4	6.4	04	9/16-18	40	19	14
XS250-04-09	1/4	6.4	04	11/16-16	38	22	14
XS250-05-09	5/16	7.9	05	11/16-16	44	22	14
XS250-06-09	3/8	9.5	06	11/16-16	52	22	17
XS250-06-11	3/8	9.5	06	13/16-16	51	24	18
XS250-08-11	1/2	12.7	08	13/16-16	62	24	20
XS250-08-13	1/2	12.7	08	1-14	64	30	23
XS250-08-14	1/2	12.7	08	1.3/16-12	62	36	23
XS250-10-13	5/8	15.9	10	1-14	67	30	22
XS250-12-14	3/4	19	12	1.3/16-12	84	36	23
XS250-12-15	3/4	19	12	1.7/16-12	84	41	26
XS250-16-15	1	25.4	16	1.7/16-12	100	41	31
XS250-20-21	1.1/4	31.8	20	1.11/16-12	111	50	44
XS250-24-32	1.1/2	38.1	24	2-12	123	60	53

X1260

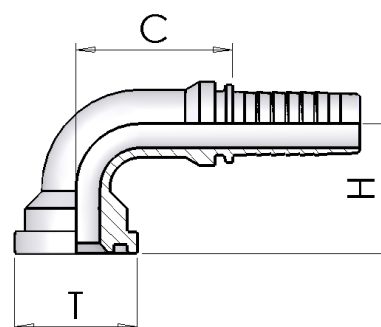
Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
			dash	Flange		Cut-Off
	in	mm	size	T	mm	C
X1260-08-08	1/2	12.7	08	1/2	30,2	45
X1260-08-12	1/2	12.7	08	3/4	38.1	50
X1260-10-08	5/8	15.9	10	1/2	30,2	45
X1260-10-12	5/8	15.9	10	3/4	38.1	49
X1260-12-12	3/4	19	12	3/4	38.1	50
X1260-12-16	3/4	19	12	1	44.5	53
X1260-16-16	1	25.4	16	1	44.5	54
X1260-16-20	1	25.4	16	1.1/4	50.8	57
X1260-20-20	1.1/4	31.8	20	1.1/4	50.8	59
X1260-20-24	1.1/4	31.8	20	1.1/2	60.3	62
X1260-24-24	1.1/2	38.1	24	1.1/2	60.3	62
X1260-24-32	1.1/2	38.1	24	2	71.4	67
X1260-32-32	2	50.8	32	2	71.4	68
X1260-32-40	2	50.8	32	2.1/2	84.1	76

X1060

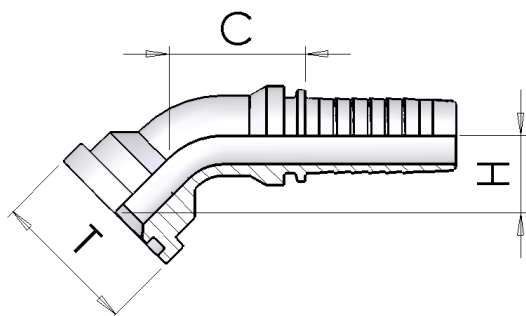
90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1060-08-08	1/2	12.7	08	1/2	30,2	39	39
X1060-08-12	1/2	12.7	08	3/4	38.1	39	44
X1060-10-08	5/8	15.9	10	1/2	30,2	45	42
X1060-10-12	5/8	15.9	10	3/4	38.1	45	47
X1060-12-12	3/4	19	12	3/4	38.1	56	53
X1060-12-16	3/4	19	12	1	44.5	56	58
X1060-16-16	1	25.4	16	1	44.5	70	65
X1060-16-20	1	25.4	16	1.1/4	50.8	70	70
X1060-16-24	1	25.4	16	1.1/2	60.3	72	71
X1060-20-16	1.1/4	31.8	20	1	44.5	81	77
X1060-20-20	1.1/4	31.8	20	1.1/4	50.8	86	77
X1060-20-24	1.1/4	31.8	20	1.1/2	60.3	85	81
X1060-24-24	1.1/2	38.1	24	1.1/2	60.3	98	89
X1060-24-32	1.1/2	38.1	24	2	71.4	93	97
X1060-32-32	2	50.8	32	2	71.4	123	121

X1160

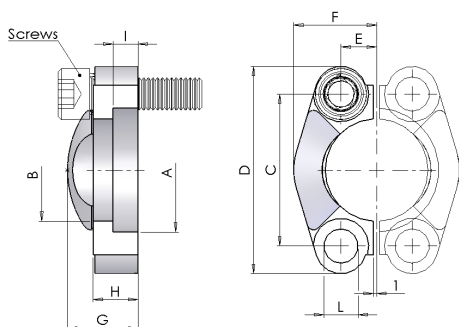
45° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1160-08-08	1/2	12.7	08	1/2	30.2	62	22
X1160-08-12	1/2	12.7	08	3/4	38.1	67	25
X1160-12-12	3/4	19	12	3/4	38.1	69	27
X1160-12-16	3/4	19	12	1	44.5	88	30
X1160-16-16	1	25.4	16	1	44.5	82	33
X1160-16-20	1	25.4	16	1.1/4	50.8	108	37
X1160-20-20	1.1/4	31.8	20	1.1/4	50.8	102	38
X1160-20-24	1.1/4	31.8	20	1.1/2	60.3	129	39
X1160-24-24	1.1/2	38.1	24	1.1/2	60.3	114	44
X1160-24-32	1.1/2	38.1	24	2	71.4	148	47
X1160-32-32	2	50.8	32	2	71.4	130	58

XS003

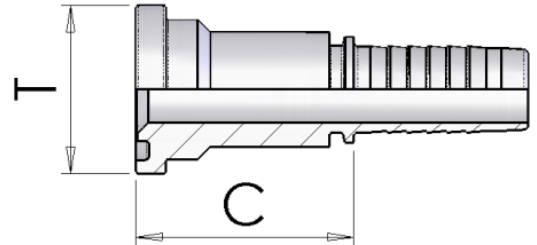
Cut Split Flanges - 3000 psi Semiflange tagliate - 3000 psi



Part number	Dimensions										Drop	Sae
	A	B	C	D	E	F	G	I	L	H		
XS003-08	30.96	24.3	38.1	54	8.7	22.8	19	6.2	8.8	13	13	1/2"
XS003-12	38.89	32.1	47.6	65	11.1	25.9	22	6.2	10.8	14	14	3/4"
XS003-16	45.24	38.5	52.4	70	13.1	29.2	24	7.5	10.8	16	16	1"
XS003-20	51.59	43.7	58.7	79	15.1	36.3	22	7.5	12	14	14	1"1/4
XS003-24	61.09	50.8	69.9	94	17.9	41.1	25	7.5	13.5	16	16	1"1/2
XS003-32	72.24	62.7	77.8	102	21.4	48.2	26	9	13.5	16	16	2"

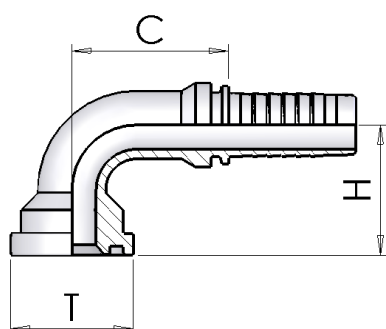
X1310

Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
			dash	Flange		Cut-Off
	in	mm	size	T	mm	C
X1310-08-08	1/2	12.7	08	1/2	31,8	46
X1310-08-12	1/2	12.7	08	3/4	41.3	53
X1310-10-08	5/8	15.9	10	1/2	31,8	46
X1310-10-12	5/8	15.9	10	3/4	41.3	53
X1310-10-16	5/8	15.9	10	1	47.6	59
X1310-12-12	3/4	19	12	3/4	41.3	54
X1310-12-16	3/4	19	12	1	47.6	60
X1310-16-12	1	25.4	16	3/4	41.3	55
X1310-16-16	1	25.4	16	1	47.6	61
X1310-16-20	1	25.4	16	1.1/4	54	68
X1310-20-20	1.1/4	31.8	20	1.1/4	54	70
X1310-20-24	1.1/4	31.8	20	1.1/2	63.5	76
X1310-24-24	1.1/2	38.1	24	1.1/2	63.5	76
X1310-24-32	1.1/2	38.1	24	2	79.4	85
X1310-32-32	2	50.8	32	2	79.4	85

X1110



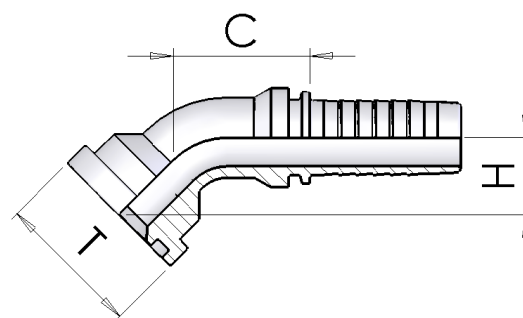
90° SAE Flange 6000 PSI Flangia 90° SAE 6000 PSI

Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1110-08-08	1/2	12.7	08	1/2	31.8	39	39
X1110-08-12	1/2	12.7	08	3/4	41.3	39	48
X1110-10-08	5/8	15.9	10	1/2	31.8	45	42
X1110-10-12	5/8	15.9	10	3/4	41.3	44	52
X1110-10-16	5/8	15.9	10	1	47.6	45	56
X1110-12-08	3/4	19	12	1/2	32	56	54
X1110-12-12	3/4	19	12	3/4	41.3	56	55
X1110-12-16	3/4	19	12	1	47.6	56	63
X1110-16-12	1	25.4	16	3/4	41.3	68	64
X1110-16-16	1	25.4	16	1	47.6	70	69
X1110-16-20	1	25.4	16	1.1/4	54	71	74
X1110-20-20	1.1/4	31.8	20	1.1/4	54	97	83
X1110-20-24	1.1/4	31.8	20	1.1/2	63.5	97	90
X1110-24-24	1.1/2	38.1	24	1.1/2	63.5	102	99
X1110-24-32	1.1/2	38.1	24	2	79.4	103	108
X1110-32-32	2	50.8	32	2	79.4	125	136

X1210

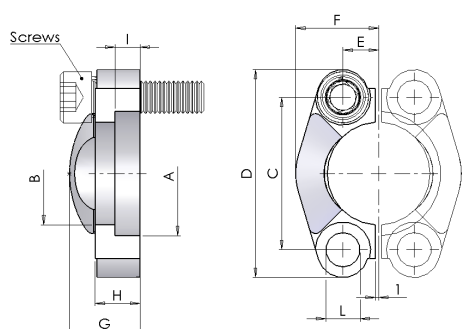
45° SAE Flange 6000 PSI

Flangia 45° SAE 6000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1210-08-08	1/2	12.7	08	1/2	31.8	62	22
X1210-08-12	1/2	12.7	08	3/4	41.3	69	28
X1210-10-08	5/8	15.9	10	1/2	31.8	66	21
X1210-10-12	5/8	15.9	10	3/4	41.3	75	27
X1210-10-16	5/8	15.9	10	1	47.6	77	32
X1210-12-12	3/4	19	12	3/4	41.3	74	28
X1210-12-16	3/4	19	12	1	47.6	90	32
X1210-16-12	1	25.4	16	3/4	41.3	101	30
X1210-16-16	1	25.4	16	1	47.6	86	34
X1210-16-20	1	25.4	16	1.1/4	54	112	41
X1210-20-20	1.1/4	31.8	20	1.1/4	54	107	43
X1210-20-24	1.1/4	31.8	20	1.1/2	63.5	149	48
X1210-24-24	1.1/2	38.1	24	1.1/2	63.5	122	50
X1210-24-32	1.1/2	38.1	24	2	79.4	163	66
X1210-32-32	2	50.8	32	2	79.4	145	68

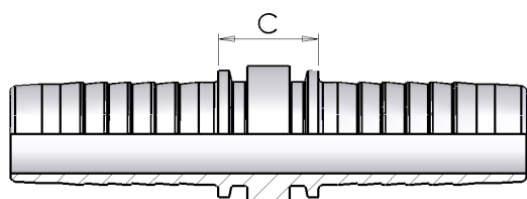
XS006



Cut Split Flanges - 6000 psi Semiflange tagliate - 6000 psi

Part number	Dimensions										Sae
	A	B	C	D	E	F	G	I	L	H	SIZE
XS006-08	32.54	24.6	40.5	56	9.1	23.6	22	7.2	8.8	16	1/2"
XS006-12	42.06	32.5	50.8	71	11.9	30	28	8.3	11	19	3/4"
XS006-16	48.41	38.9	57.2	81	13.9	34.8	33	9	13	24	1"
XS006-20	54.76	44.5	66.7	95	15.9	38.6	38	9.8	15	27	1 1/4"
XS006-24	64.29	51.6	79.4	113	18.3	47.5	43	12.1	17	30	1 1/2"
XS006-32	80.16	67.6	96.8	133	22.2	56.9	52	12.1	21	37	2"

XD050



Hose Junction Giunzione per Tubi Flessibili

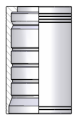
Part number	Hose I.D.		Dimensions	
			dash	Cut-Off
	in	mm	size	C
XD050-03	3/16	4.8	03	17
XD050-04	1/4	6.4	04	17
XD050-05	5/16	7.9	05	17
XD050-06	3/8	9.5	06	17
XD050-08	1/2	12.7	08	18
XD050-10	5/8	15.9	10	18
XD050-12	3/4	19	12	19
XD050-16	1	25.4	16	21
XD050-20	1 1/4	31.8	20	24
XD050-24	1 1/2	38.1	24	24
XD050-32	2	50.8	32	26

INTER-LOCK
TAILS





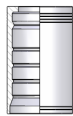
X004N



Swaged Ferrule
(skive)

66

X0013



Swaged Ferrule
(skive)

66



X0370H



NPTF Male 60° cone

67



X0350H



BSP Male Parallel 60°
cone

67

X0050H



BSP Female 60° cone
Thrust Wire

68

X0150H



BSP 90° Swept Elbow
60° cone Thrust Wire

68

X0250H



BSP 45° Swept Elbow
60° cone Thrust Wire

69



X0850H



JIC Male 74° cone

69



X0900H



JIC Female 74° cone
Thrust Wire

70

X0950H



JIC 90° Swept Elbow
74° cone Thrust Wire

70

X1000H



JIC 45° Swept Elbow
74° cone Thrust Wire

71



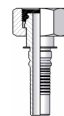
X0450H



Metric Male 24° Seat
Heavy

71

X0084H



Metric Female 24°
Seat Heavy

72



X0184H



90° Metric Swept EL-
bow 24° Seat Heavy

72

X0284H



45° Metric Swept EL-
bow 24° Seat Heavy

73



XS050H



ORFS Female

73

XS05TH



ORFS Female Back
Hexagon

74

XS150H



ORFS 90° Swept Elbow

74

XS250H



ORFS 45° Swept Elbow

75

XS350H



ORFS Male

75



X1250H



Straight SAE Flange 3000 PSI

76

X1050H



90° SAE Flange 3000 PSI

76

X1150H



45° SAE Flange 3000 PSI

77

X1300H



Straight SAE Flange 6000 PSI

78

X1100H



90° SAE Flange 6000 PSI

79

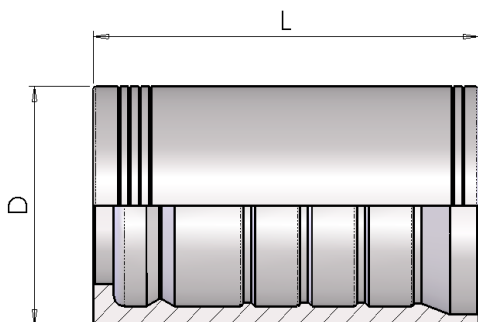
X1200H



45° SAE Flange 6000 PSI

80

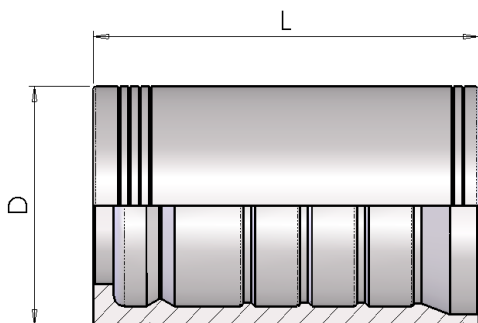
X004N



Swaged Ferrule (skive)

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X004N-12	in	mm	38	60	52/15
X004N-16	1	25.4	46	74.5	64/17
X004N-20	1.1/4	31.8	55	88	74/22
X004N-24	1.1/2	38.1	62	94	81/22,5
X004N-32	2	50.8	78	99	85/30

X0013

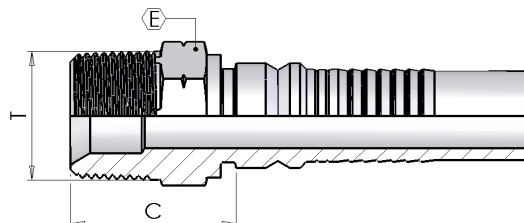


Swaged Ferrule (skive)

Part number	Hose I.D.		Dimensions		Skive Length
			D	L	
X0013-10	in	mm	19.5	57.5	47/15
X0013-16	1	48	25.4	75	64/17
X0013-20	1.1/4	31.8	60	88	74/22
X0013-24	1.1/2	38.1	67	94	81/22,5
X0013-32	2	50.8	84.5	99	85/30

X0370H

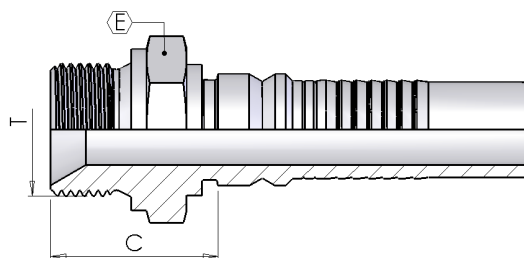
NPTF Male 60° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0370H12-12	3/4	19.0	12	3/4-14	35	27
X0370H16-16	1	25.4	16	1-11.1/2	41	36
X0370H20-20	1.1/4	31.8	20	1.1/4-11.1/2	44	46
X0370H24-24	1.1/2	38.1	24	1.1/2-11.1/2	47	50
X0370H32-32	2	50.8	32	2-11.1/2	54	65

X0350H

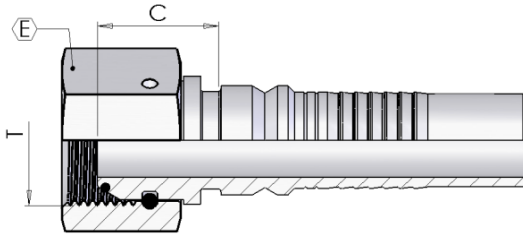
BSP Male Parallel 60° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0350H12-12	3/4	19.0	12	3/4-14	33	32
X0350H12-16	3/4	19.0	12	1-11	36	41
X0350H16-16	1	25.4	16	1-11	37	41
X0350H16-20	1	25.4	16	1.1/4-11	41	50
X0350H20-20	1.1/4	31.8	20	1.1/4-11	42	50
X0350H24-24	1.1/2	38.1	24	1.1/2-11	44	55
X0350H32-32	2	50.8	32	2-11	53	70

X0050H

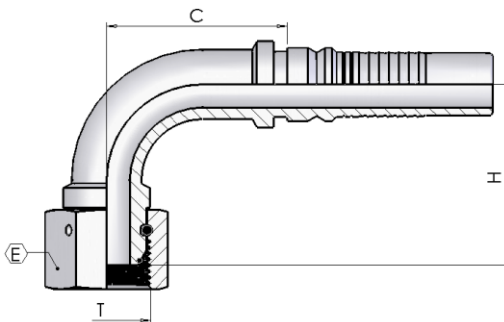
BSP Female 60° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0050H12-12	3/4	19.0	12	3/4-14	23	32
X0050H12-16	3/4	19.0	12	1-11	25	38
X0050H16-16	1	25.4	16	1-11	26	38
X0050H20-20	1.1/4	31.8	20	1.1/4-11	29	50
X0050H20-24	1.1/4	31.8	20	1.1/2-11	31	55
X0050H24-24	1.1/2	38.1	24	1.1/2-11	31	55
X0050H32-32	2	50.8	32	2-11	30	70

X0150H

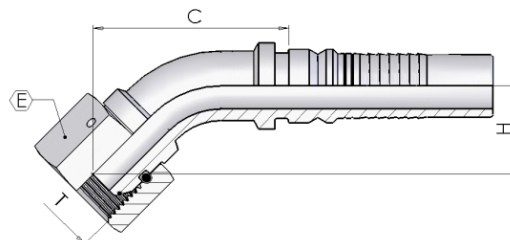
BSP 90° Swept Elbow 60° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0150H12-12	3/4	19.0	12	3/4-14	54	32	57
X0150H16-16	1	25.4	16	1-11	73	38	70
X0150H16-20	1	25.4	16	1.1/4-11	73	50	76
X0150H20-20	1.1/4	31.8	20	1.1/4-11	93	50	83
X0150H24-24	1.1/2	38.1	24	1.1/2-11	111	55	104
X0150H32-32	2	50.8	32	2-11	122	70	135

X0250H

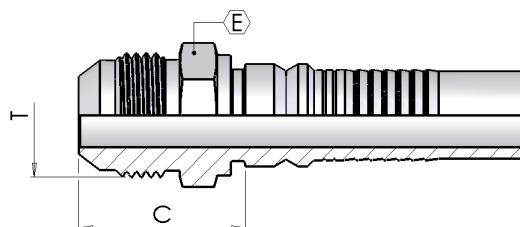
BSP 45° Swept Elbow 60° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0250H12-12	3/4	19.0	12	3/4-14	84	32	28
X0250H16-16	1	25.4	16	1-11	112	38	38
X0250H20-20	1.1/4	31.8	20	1.1/4-11	137	50	41
X0250H24-24	1.1/2	38.1	24	1.1/2-11	166	55	54
X0250H32-32	2	50.8	32	2-11	195	70	70

X0850H

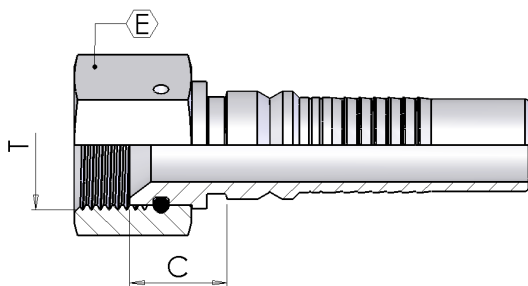
JIC Male 74° Cone



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0850H12-12	3/4	19.0	12	1.1/16-12	36	27
X0850H16-16	1	25.4	16	1.5/16-12	40	34
X0850H20-20	1.1/4	31.8	20	1.5/8-12	44	42
X0850H24-24	1.1/2	38.1	24	1.7/8-12	49	50
X0850H32-32	2	50.8	32	2.1/2-12	61	65

X0900H

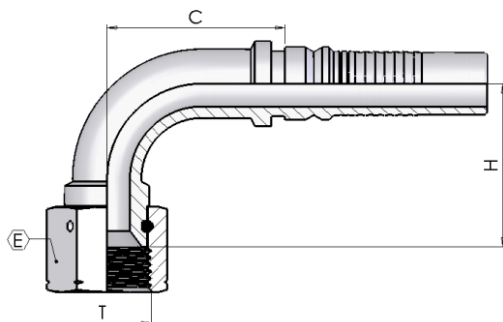
JIC Female 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
X0900H12-12	3/4	19.0	12	1.1/16-12	19	32
X0900H12-16	3/4	19.0	12	1.5/16-12	22	41
X0900H16-16	1	25.4	16	1.5/16-12	23	41
X0900H20-20	1.1/4	31.8	20	1.5/8-12	26	50
X0900H24-24	1.1/2	38.1	24	1.7/8-12	29	55
X0900H32-32	2	50.8	32	2.1/2-12	30	70

X0950H

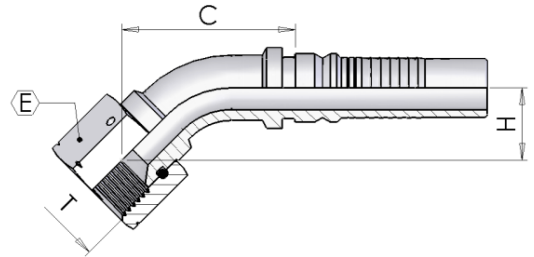
JIC 90° Swept Elbow 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X0950H12-12	3/4	19.0	12	1.1/16-12	54	32	54
X0950H12-16	3/4	19.0	12	1.5/16-12	54	41	62
X0950H16-16	1	25.4	16	1.5/16-12	77	41	66
X0950H20-20	1.1/4	31.8	20	1.5/8-12	92	50	86
X0950H24-24	1.1/2	38.1	24	1.7/8-12	112	55	100
X0950H32-32	2	50.8	32	2.1/2-12	121	70	134

X1000H

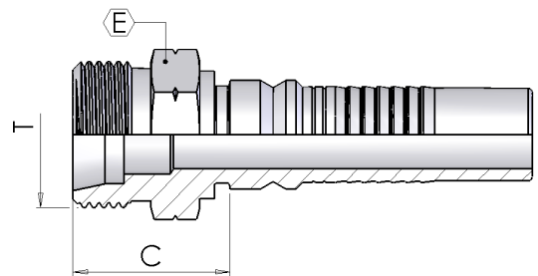
JIC 45° Swept Elbow 74° Cone - Thrust Wire



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
X1000H12-12	3/4	19.0	12	1.1/16-12	85	32	28
X1000H12-16	3/4	19.0	12	1.5/16-12	88	41	32
X1000H16-16	1	25.4	16	1.5/16-12	113	41	36
X1000H20-20	1.1/4	31.8	20	1.5/8-12	133	50	50
X1000H24-24	1.1/2	38.1	24	1.7/8-12	165	55	49
X1000H32-32	2	50.8	32	2.1/2-12	194	70	67

X0450H

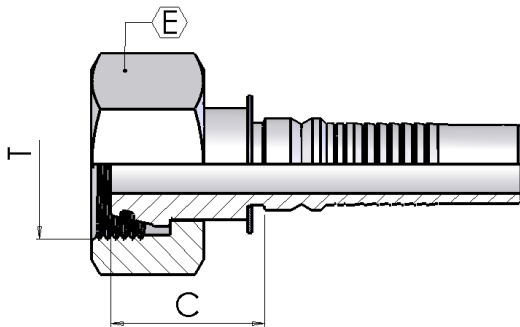
Metric Male 24° - Seat Heavy



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0450H12-36	3/4	19.0	12	M36-2	25	36	36
X0450H16-42	1	25.4	16	M42-2	30	39	46
X0450H20-52	1.1/4	31.8	20	M52-2	38	42	55
X0450H24-52	1.1/2	38.1	24	M52-2	38	43	55

X0084H

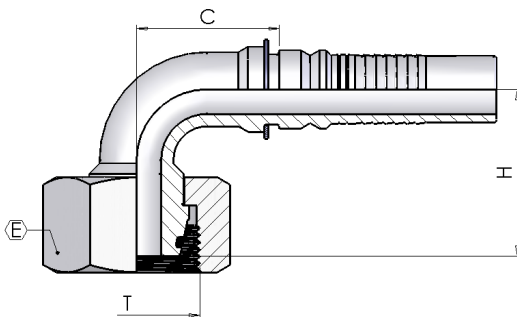
**Metric Female 24°
- Seat Heavy**



Part number	Hose I.D.		Dimensions				
			dash	Thread		Cut-Off	Hex
	in	mm	size	T	Erm	C	E
X0084H12-36	3/4	19.0	12	M36-2	25	37	46
X0084H16-36	1	25.4	16	M36-2	25	38	46
X0084H16-42	1	25.4	16	M42-2	30	41	50
X0084H20-52	1.1/4	31.8	20	M52-2	38	41	60
X0084H24-52	1.1/2	38.1	24	M52-2	38	42	60

X0184H

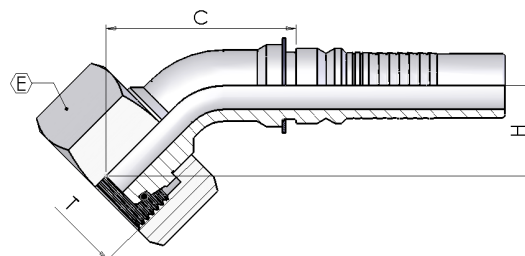
**90° Metric Swept Elbow 24°
- Seat Heavy**



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0184H12-36	3/4	19.0	12	M36-2	25	55	46	58
X0184H16-36	1	25.4	16	M36-2	25	75	46	68
X0184H16-42	1	25.4	16	M42-2	30	74	50	69
X0184H20-52	1.1/4	31.8	20	M52-2	38	94	60	81

X0284H

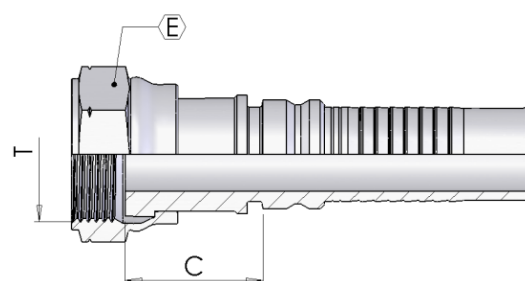
45° Metric Swept Elbow 24° - Seat Heavy



Part number	Hose I.D.		Dimensions					
			dash	Thread		Cut-Off	Hex	Drop
	in	mm	size	T	Erm	C	E	H
X0284H12-36	3/4	19.0	12	M36-2	25	94	46	31
X0284H16-36	1	25.4	16	M36-2	25	110	46	34
X0284H16-42	1	25.4	16	M42-2	30	112	50	33
X0284H20-52	1.1/4	31.8	20	M52-2	38	93	60	81

XS050H

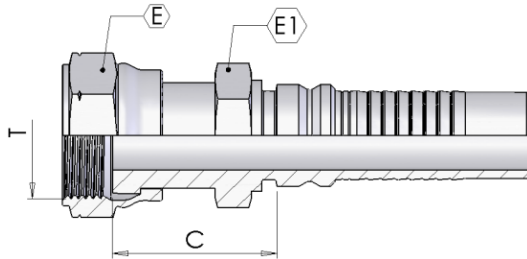
ORFS Female



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
XS050H12-14	3/4	19.0	12	1.3/16-12	33	36
XS050H16-15	1	25.4	16	1.7/16-12	37	41
XS050H16-21	1	25.4	16	1.11/16-12	36	50
XS050H20-21	1.1/4	31.8	20	1.11/16-12	37	50
XS050H20-32	1.1/4	31.8	20	2-12	37	60
XS050H24-32	1.1/2	38.1	24	2-12	41	60

XS05TH

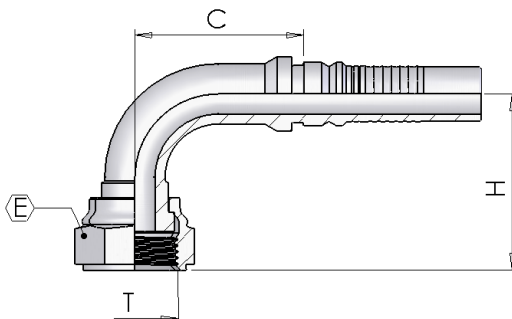
ORFS Female Back Hexagon



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	
	in	mm	size	T	C	E	E1
XS05TH12-14	3/4	19.0	12	1.3/16-12	39	36	30
XS05TH16-15	1	25.4	16	1.7/16-12	47	41	36
XS05TH20-21	1.1/4	31.8	20	1.11/16-12	50	50	46

XS150H

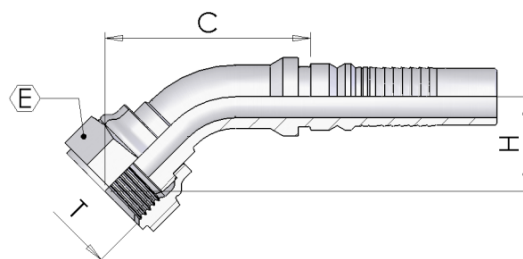
ORFS 90° Swept Elbow



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
XS150H12-14	3/4	19.0	12	1.3/16-12	54	36	49
XS150H16-15	1	25.4	16	1.7/16-12	69	41	66
XS150H20-21	1.1/4	31.8	20	1.11/16-12	87	50	80
XS150H24-32	1.1/2	38.1	24	2-12	111	60	102

XS250H

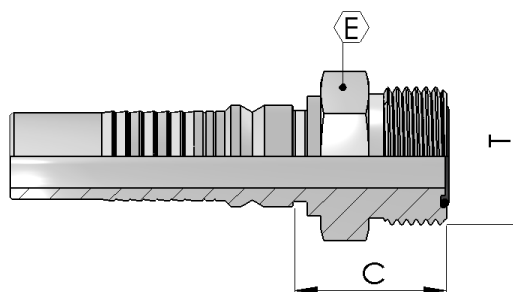
ORFS 45° Swept Elbow



Part number	Hose I.D.		Dimensions				
			dash	Thread	Cut-Off	Hex	Drop
	in	mm	size	T	C	E	H
XS250H12-14	3/4	19.0	12	1.3/16-12	84	36	23
XS250H16-15	1	25.4	16	1.7/16-12	107	41	33
XS250H20-21	1.1/4	31.8	20	1.11/16-12	130	50	37
XS250H24-32	1.1/2	38.1	24	2-12	165	60	50

XS350H

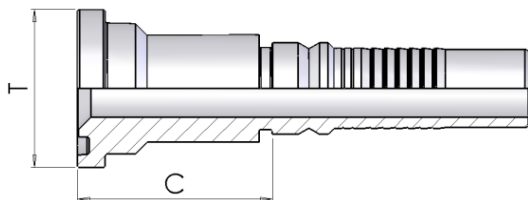
ORFS Male



Part number	Hose I.D.		Dimensions			
			dash	Thread	Cut-Off	Hex
	in	mm	size	T	C	E
XS350H12-14	3/4	19.0	12	1.3/16-12	34	32
XS350H16-15	1	25.4	16	1.7/16-12	35	38
XS350H20-21	1.1/4	31.8	20	1.11/16-12	36	46

X1250H

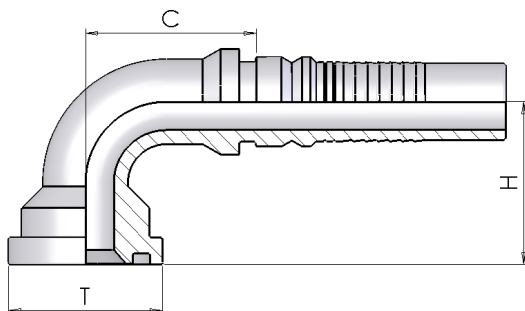
Straight SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions			
			dash	Flange		Cut-Off
	in	mm	size	T	mm	C
X1250H12-12	3/4	19.0	12	3/4	38.1	47
X1250H12-16	3/4	19.0	12	1	44.5	50
X1250H16-16	1	25.4	16	1	44.5	52
X1250H16-20	1	25.4	16	1.1/4	50.8	55
X1250H20-20	1.1/4	31.8	20	1.1/4	50.8	56
X1250H20-24	1.1/4	31.8	20	1.1/2	60.3	59
X1250H24-24	1.1/2	38.1	24	1.1/2	60.3	60
X1250H24-32	1.1/2	38.1	24	2	71.4	65
X1250H32-32	2	50.8	32	2	71.4	67

X1050H

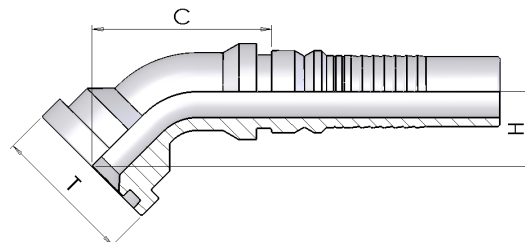
90° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1050H12-12	3/4	19.0	12	3/4	38.1	52	52
X1050H12-16	3/4	19.0	12	1	44.5	55	56
X1050H16-16	1	25.4	16	1	44.5	73	65
X1050H16-20	1	25.4	16	1.1/4	50.8	69	71
X1050H20-20	1.1/4	31.8	20	1.1/4	50.8	93	78
X1050H20-24	1.1/4	31.8	20	1.1/2	60.3	97	80
X1050H24-24	1.1/2	38.1	24	1.1/2	60.3	100	95
X1050H24-32	1.1/2	38.1	24	2	71.4	134	101
X1050H32-32	2	50.8	32	2	71.4	122	121

X1150H

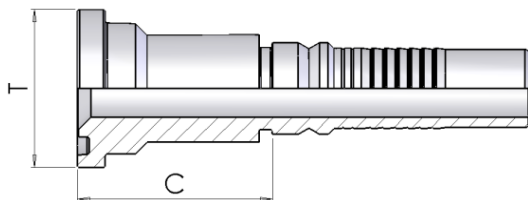
45° SAE Flange 3000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1150H12-12	3/4	19.0	12	3/4	38.1	81	25
X1150H12-16	3/4	19.0	12	1	44.5	86	28
X1150H16-16	1	25.4	16	1	44.5	107	35
X1150H16-20	1	25.4	16	1.1/4	50.8	113	37
X1150H20-20	1.1/4	31.8	20	1.1/4	50.8	136	37
X1150H20-24	1.1/4	31.8	20	1.1/2	60.3	136	40
X1150H24-24	1.1/2	38.1	24	1.1/2	60.3	159	44
X1150H24-32	1.1/2	38.1	24	2	71.4	159	47
X1150H32-32	2	50.8	32	2	71.4	182	56

X1300H

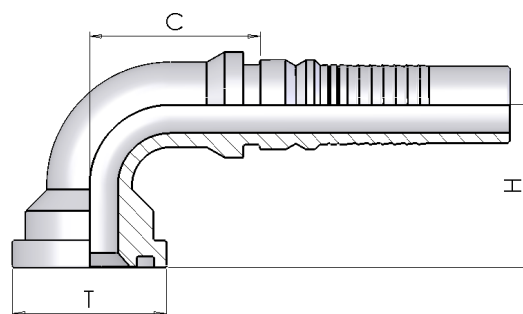
Straight SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions			
			dash	Flange		Cut-Off
	in	mm	size	T	mm	C
X1300H12-12	3/4	19.0	12	3/4	41.3	51
X1300H12-16	3/4	19.0	12	1	47.6	57
X1300H16-12	1	25.4	16	3/4	41.3	52
X1300H16-16	1	25.4	16	1	47.6	59
X1300H16-20	1	25.4	16	1.1/4	54	66
X1300H20-16	1.1/4	31.8	20	1	47.6	60
X1300H20-20	1.1/4	31.8	20	1.1/4	54	67
X1300H20-24	1.1/4	31.8	20	1.1/2	63.5	73
X1300H24-20	1.1/2	38.1	24	1.1/4	54	75
X1300H24-24	1.1/2	38.1	24	1.1/2	63.5	74
X1300H24-32	1.1/2	38.1	24	2	79.4	82
X1300H32-32	2	50.8	32	2	79.4	84

X1100H

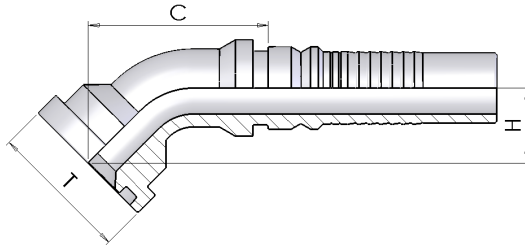
90° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1100H12-12	3/4	19.0	12	3/4	41.3	53	55
X1100H12-16	3/4	19.0	12	1	47.6	52	63
X1100H16-12	1	25.4	16	3/4	41.3	73	66
X1100H16-16	1	25.4	16	1	47.6	74	72
X1100H16-20	1	25.4	16	1.1/4	54	73	79.5
X1100H20-16	1.1/4	31.8	20	1	47.6	93	80
X1100H20-20	1.1/4	31.8	20	1.1/4	54	93	84,5
X1100H20-24	1.1/4	31.8	20	1.1/2	63.5	98	90
X1100H24-24	1.1/2	38.1	24	1.1/2	63.5	114	101
X1100H24-32	1.1/2	38.1	24	2	79.4	115	115
X1100H32-32	2	50.8	32	2	79.4	124	138

X1200H

45° SAE Flange 6000 PSI



Part number	Hose I.D.		Dimensions				
			dash	Flange		Cut-Off	Drop
	in	mm	size	T	mm	C	H
X1200H12-12	3/4	19.0	12	3/4	41.3	85	28
X1200H12-16	3/4	19.0	12	1	47.6	88	34
X1200H16-12	1	25.4	16	3/4	41.3	107	35
X1200H16-16	1	25.4	16	1	47.6	112	34
X1200H16-20	1	25.4	16	1.1/4	54	117	40
X1200H20-16	1.1/4	31.8	20	1	47.6	117	42
X1200H20-20	1.1/4	31.8	20	1.1/4	54	139	43
X1200H20-24	1.1/4	31.8	20	1.1/2	63.5	144	48
X1200H24-24	1.1/2	38.1	24	1.1/2	63.5	167	50
X1200H24-32	1.1/2	38.1	24	2	79.4	166	64
X1200H32-32	2	50.8	32	2	79.4	200	72

Analytical Index

X0001.....	10	X0902.....	30
X001C.....	8	X0950.....	31
X0002.....	11	X0950H.....	70
X0003.....	12	X0951.....	30
X004H.....	15	X0952.....	31
X004N.....	66	X1000.....	32
X0007.....	13	X1000H.....	71
X0008.....	13	X1001.....	32
X0009.....	14	X1002.....	33
X0013.....	66	X1050H.....	76
X0022.....	9	X1060.....	57
X0035.....	35	X1100H.....	79
X0050H.....	68	X1110.....	60
X0051.....	18	X1150H.....	77
X0052.....	19	X1160.....	58
X0061.....	16	X1200H.....	80
X0062.....	16	X1210.....	61
X0084.....	43	X1250H.....	76
X0084H.....	72	X1260.....	56
X0085.....	38	X1300H.....	78
X0085.....	39	X1310.....	59
X0135.....	36	X1350.....	46
X0150.....	20	X1400.....	25
X0150H.....	68	X1600.....	26
X0151.....	20	X1600-00.....	25
X0152.....	21	X1650.....	47
X0184.....	44	XBMC1.....	11
X0184H.....	72	XBMC2.....	12
X0185.....	40	XD050.....	62
X0185.....	40	XFK50.....	51
X0235.....	36	XPTFE.....	14
X0250.....	22	XS003.....	58
X0250H.....	69	XS05TH.....	74
X0251.....	22	XS006.....	62
X0252.....	23	XS050.....	53
X0284.....	45	XS050H.....	73
X0284H.....	73	XS150.....	54
X0285.....	41	XS150H.....	74
X0285.....	41	XS250.....	55
X0345.....	15	XS250H.....	75
X0350.....	17	XS350.....	52
X0350H.....	67	XS350H.....	75
X0360.....	24		
X0370.....	27		
X0370H.....	67		
X0400.....	34		
X0450.....	42		
X0450H.....	71		
X0500.....	37		
X0550.....	48		
X0650.....	49		
X0750.....	50		
X0850.....	28		
X0850H.....	69		
X0900H.....	70		
X0901.....	29		

