



INTERPUMP

FLUID SOLUTIONS 

Powered by I.M.M. Hydraulics

Stainless Steel Fittings

2024

Stainless Steel Fittings

Standard Stainless Steel Fittings

Interlock Stainless Steel Fittings

Standard Stainless Steel Fittings





X001C



Swaged Ferrule (no skive)

8

X002Z



Swaged Ferrule (no skive)

9



X0009



Swaged Ferrule (skive)

10



X0007



Swaged Ferrule (no skive)

10

X0008



Swaged Ferrule (no skive)

11



X0003



Swaged Ferrule (no skive)

11



XPTFE



Ferrule for PTFE hose

12

XPTFE-C



Ferrule for PTFE hose

12



X0345



BSP Male - Flat Seat

13

X0061



BSP Female Flat Seat Rolled Nut

14

X0062



BSP Female Flat Seat Slip on Nut

14

X0161



BSP 90° Swept elbow flat seat

15

X0162



BSP 90° Swept elbow flat seat

15



X0350



BSP Male Parallel 60° cone

16

X0051



BSP Female 60° Cone - Rolled Nut

17

X0052



BSP Female 60° Cone Slip On Nut

17

X0151



BSP 90° Swept Elbow 60° Cone - Rolled Nut

18

X0152



BSP 90° Swept elbow 60° cone Slip On Nut

18

X0251



BSP 45° Swept Elbow 60° Cone Rolled nut

19

X0252



BSP 45° Swept Elbow 60° Cone Slip On Nut

19



X0360



BSP Taper Male 60° cone

20



X0370



NPTF Male 60° cone

21



X0850



JIC Male 74° cone

22

X0901



JIC Female 74° cone - Rolled Nut

23

X0902



JIC Female 74° - Slip on nut

23

X0951



JIC 90° Swept Elbow 74° Cone Rolled Nut

24

X0952



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

24

X1001



JIC 45° Swept Elbow 74° Cone Rolled Nut

25

X1002



JIC 45° Swept Elbow 74° Cone Slip On Nut

25



X0500



Metric Male 24° Seat Light

26

X0085



Metric Female 24° Seat Light

27

X0185



90° Metric Swept Elbow 24° Seat Light

28

X0285



45° Metric Swept Elbow 24° Seat Light

29



X0450



Metric Male 24° Seat Heavy

30

X0084



Metric Female 24° Seat Heavy

31

X0184



90° Metric Swept Elbow 24° Seat Heavy

32

X0284



45° Metric Swept Elbow
24° Seat Heavy

33



X0035



Metric Female 24° Seat
Light Multiseal

34

X0135



90° Metric Swept Elbow
24° Seat Light Multiseal

34

X0235



45° Metric Swept Elbow
24° Seat Light Multiseal

35



X0550



Metric Standpipe

36

X0650



90° Metric Standpipe

37

X0750



45° Metric Standpipe

38



XS350



ORFS Male

39

XS050



ORFS Female

40

XS150



ORFS 90° Swept Elbow

41

XS250



ORFS 45° Swept Elbow

42



X1350



Metric Banjo

43

X1400



BSP Banjo

43

X1600



Double BSP Perforated Bolt

44

X1600-00



BSP Perforated Bolt

44

X1650



Metric perforated bolt

45



X1260



Straight SAE Flange 3000 PSI

46

X1060



90° SAE Flange 3000 PSI

47

X1160



45° SAE Flange 3000 PSI

48

XS003



Cut Split Flanges - 3000 psi

49

XSI03



Uncut Split Flanges - 3000 psi

49



X1310



Straight SAE Flange 6000 PSI

50

X1110



90° SAE Flange 6000 PSI

51

X1210



45° SAE Flange 6000 PSI

52

XS006



Cut Split Flanges - 6000 psi

52

XSI06



Uncut Split Flanges - 6000 psi

53



XFK50



K' Female

53



XD050



Hose Junction

54



XRPF



Swivel Flange End Fitting
PN6/10/16

55

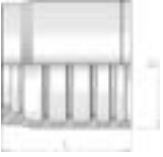
XFLG



EN Flanges Sliding
planes

56

X001C



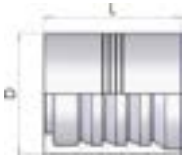
Swaged Ferrule (no skive)

Product number	hose I.D.		I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	-		
X001C-03	3/16	4,8	18.5	24	NO	R17-25C-15N-Pilot-H1		
X001C-04	1/4	6.4	20	26	NO	R17-25C-15C-15N-Pilot-H1		
X001C-05	5/16	7.9	22	28	NO	R17-25C-15C-15N-Pilot-H1		
X001C-06	3/8	9.5	25	28	NO	R17-25C-15C-15N-Pilot-H1		
X001C-08	1/2	12.7	28	28	NO	R17-25C-15C-15N-Pilot-H1		
X001C-10	5/8	15.9	32	31	NO	R17-25C-15C-15N-H1		
X001C-12	3/4	19	36	38	NO	R17-25C-15C-15N-H1		
X001C-16	1	25.4	44	47.5	NO	R17-25C-15C-15N-H1		
X001C-20	1.1/4	31.8	54	56	NO	15N-25C-15C		
X001C-24	1.1/2	38.1	61.6	66	NO	15N-25C-15C		
X001C-32	2	50.8	75.4	73	NO	15N-25C-15C		
X001C-40	2.1/2	63,5	88.4	80	NO	25C-15C		
X001C-48	3	76,2	100.5	90	NO	25C-15C		

X0022**Swaged Ferrule (no skive)**

Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	-
X0022-03	3/16	21	4.8	25.3	NO	25N-(15N)
X0022-04	1/4	22	6.4	28	NO	25N-(15N)
X0022-05	5/16	24	7.9	28	NO	25N-(15N)
X0022-06	3/8	26	9.5	28	NO	25N-(15N)
X0022-08	1/2	30	12.7	31	NO	25N-(15N)
X0022-10	5/8	34	15.9	31	NO	25N-(15N)
X0022-12	3/4	38	19	38.5	NO	25N-(15N)
X0022-16	1	47	25.4	48	NO	25N-(15N)
X0022-20	1.1/4	58	31.8	56	NO	25N-(15N)
X0022-24	1.1/2	66	38.1	66	NO	25N-(15N)
X0022-32	2	79	50.8	73	NO	25N-(15N)

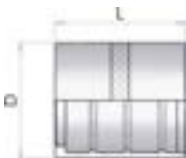
X0009



Swaged Ferrule (skive)

Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	
X0009-04	1/4	21	6.4	30	22	4SP-R12
X0009-06	3/8	25.4	9.5	33.5	26	4SP-R12
X0009-08	1/2	30	12.7	36	28	4SP-R12
X0009-10	5/8	34	15.9	40	31	4SP-R12
X0009-12	3/4	38	19	43	34	4SP-(R12-4SH)
X0009-16	1	46	25.4	60	48	(4SP-R12)
X0009-20	1.1/4	56	31.8	66	54	(4SP-R12)
X0009-24	1.1/2	67	38.1	76.5	62	(4SP-R12)
X0009-32	2	80	50.8	79.8	64	4SP

X0007

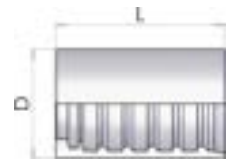


Swaged Ferrule (no skive)

Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	
X0007-03	3/16	14	4.8	27	NO	R7-R6-1TE-2TE
X0007-04	1/4	17	6.4	29	NO	R7-R6-1TE-2TE
X0007-05	5/16	19	7.9	30	NO	R7-R6-1TE-2TE
X0007-06	3/8	21	9.5	31	NO	R7-R6-1TE-2TE
X0007-08	1/2	25.4	12.7	34	NO	R7-R6-1TE-2TE
X0007-10	5/8	28.5	15.9	36	NO	R7-R6-1TE-2TE
X0007-12	3/4	32	19	36	NO	R7-R6-1TE-2TE
X0007-16	1	40	25.4	50	NO	R7-R6-1TE-2TE

X0008

Swaged Ferrule (no skive)



Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	-
X0008-03	3/16	13	4.8	25	NO	R8
X0008-04	1/4	17	6.4	29	NO	R8
X0008-05	5/16	19	7.9	30	NO	R8
X0008-06	3/8	21.5	9.5	31	NO	R8
X0008-08	1/2	26	12.7	34	NO	R8
X0008-10	5/8	29	15.9	40	NO	R8
X0008-12	3/4	32	19	42	NO	R8
X0008-16	1	40	25.4	50	NO	R8

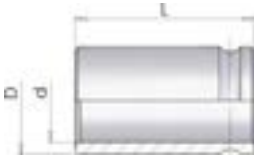
X0003

Swaged Ferrule (no skive)



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
X0003-03	3/16	4.8	14	27	NO	R3-3TE-R5
X0003-04	1/4	6.4	19	29	NO	R3-3TE-R5
X0003-05	5/16	7.9	22	30	NO	R3-3TE-R5
X0003-06	3/8	9.5	24	31	NO	R3-3TE-R5
X0003-08	1/2	12.7	28.5	34	NO	R3-3TE-R5
X0003-10	5/8	15.9	32	36	NO	R3-3TE-R5
X0003-12	3/4	19	38	42	NO	R3-3TE-R5
X0003-16	1	25.4	46	50	NO	R3-3TE
X0003-20	1.1/4	31.8	52	57	NO	R3-3TE

XPTFE

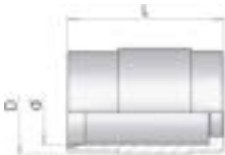


Ferrule for PTFE hose

Product number	hose I.D.	Dimension			I.D.	skive	valid for
	in	D	mm	L	d-int	Length	-
XPTFE-04	1/4	14.4	6.4	23.9	11.1	NO	PTFE type T1
XPTFE-05	5/16	17.1	7.9	24.6	13	NO	PTFE type T1
XPTFE-06	3/8	19	9.5	27.4	15	NO	PTFE type T1
XPTFE-08	1/2	22.4	12.7	28.7	18.3	NO	PTFE type T1
XPTFE-10	5/8	27	15.9	31.7	23.1	NO	PTFE type T1
XPTFE-12	3/4	28.7	19	34.5	24.8	NO	PTFE type T1
XPTFE-16	1	38.1	25.4	43.6	34.3	NO	PTFE type T1

For PTFE hose type T1 - (with standard fittings)

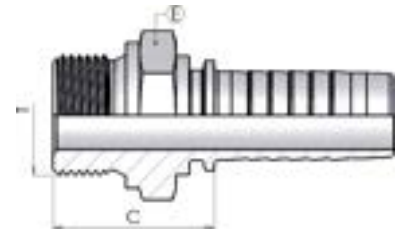
XPTFE-C



Ferrule for PTFE hose

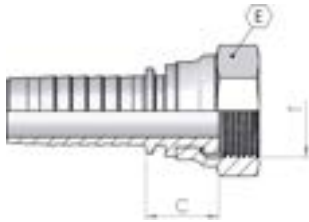
Product number	hose I.D.	Dimension			I.D.	skive	valid for
	in	D	mm	L	d-int	Length	-
XPTFE-04-C	1/4	17.8	6.4	26.5	14.4	NO	PTFE type LTC
XPTFE-06-C	3/8	20	9.5	30.5	16.8	NO	PTFE type LTC
XPTFE-08-C	1/2	24	12.7	33.2	20.5	NO	PTFE type LTC
XPTFE-10-C	5/8	29.2	15.9	34.8	25.4	NO	PTFE type LTC
XPTFE-12-C	3/4	31.1	19	40.9	27.4	NO	PTFE type LTC
XPTFE-16-C	1	38.5	25.4	47	34.7	NO	PTFE type LTC

For PTFE hose type LTC - (with standard fittings)

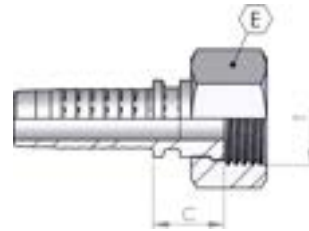
X0345**BSP Male - Flat Seat****(AGR-F)**

Product number	hose I.D.	Dimension				I.D.
	in	dash size	mm	T	E	Cut-off C
X0345-04-04	1/4	04	6.4	1/4-19	19	27
X0345-05-06	5/16	05	7.9	3/8-19	22	28
X0345-06-06	3/8	06	9.5	3/8-19	22	29
X0345-08-08	1/2	08	12.7	1/2-14	27	33
X0345-08-10	1/2	08	12.7	5/8-14	30	35
X0345-10-10	5/8	10	15.9	5/8-14	30	35
X0345-10-12	5/8	10	15.9	3/4-14	32	35
X0345-12-12	3/4	12	19	3/4-14	32	36
X0345-12-16	3/4	12	19	1-11	41	39
X0345-16-16	1	16	25.4	1-11	41	40

X0061



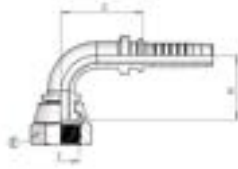
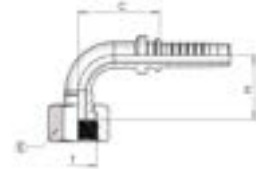
X0062



BSP Female flat seat

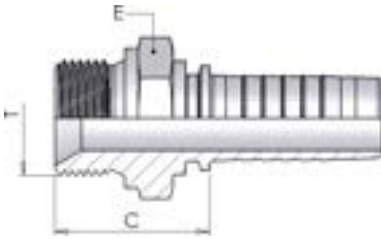
(DKR-F)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
X0062-04-04	1/4	6.4	04	1/4-19	19	14
X0062-04-06	1/4	6.4	04	3/8-19	22	15
X0062-05-06	5/16	7.9	05	3/8-19	22	15
X0062-06-06	3/8	9.5	06	3/8-19	22	15
X0062-06-08	3/8	9.5	06	1/2-14	27	16
X0062-08-08	1/2	12.7	08	1/2-14	27	16
X0061-08-12	1/2	12.7	08	3/4-14	32	23
X0061-10-12	5/8	15.9	10	3/4-14	32	20
X0061-12-12	3/4	19	12	3/4-14	32	21
X0061-12-16	3/4	19	12	1-11	38	23
X0061-16-16	1	25.4	16	1-11	38	22
X0061-20-20	1.1/4	31.8	20	1.1/4-11	50	25
X0061-24-24	1.1/2	38.1	24	1.1/2-11	55	27

X0161**X0162****Curva BSP 90° Sede Piana****(DKR-90°)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
X0162-04-04	1/4	6.4	04	1/4-19	19	20	27
X0162-08-08	1/2	12.7	08	1/2-14	27	37.5	38.5
X0161-12-12	3/4	19	12	3/4-14	32	57	56
X0161-12-16	3/4	19	12	1-11	38	56	56
X0161-16-16	1	25.4	16	1-11	38	67	70
X0161-20-20	1.1/4	31.8	20	1.1/4-11	50	84	83
X0161-24-24	1.1/2	38.1	24	1.1/2-11	55	95	103

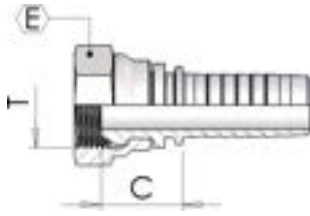
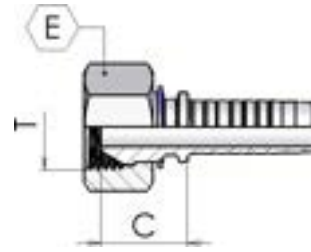
X0350



BSP Male Parallel 60° cone

(AGR)

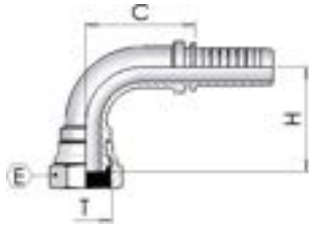
Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
X0350-03-02	3/16	4.8	03	1/8-28	14	21
X0350-03-04	3/16	4.8	03	1/4-19	19	26
X0350-04-02	1/4	6.4	04	1/8-28	14	21
X0350-04-04	1/4	6.4	04	1/4-19	19	27
X0350-04-06	1/4	6.4	04	3/8-19	22	28
X0350-05-04	5/16	7.9	05	1/4-19	19	27
X0350-05-06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

X0051**X0052****BSP Female 60° Cone****(DKR)**

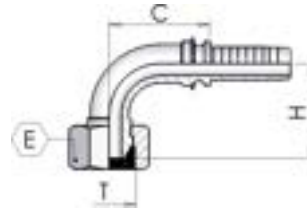
Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
X0051-03-02	3/16	4.8	03	1/8-28	14	15
X0052-03-04	3/16	4.8	03	1/8-28	14	17
X0051-04-02	1/4	6.4	04	1/8-28	14	15
X0052-04-04	1/4	6.4	04	1/4-19	19	21
X0052-04-06	1/4	6.4	04	3/8-19	22	21
X0051-05-04	5/16	7.9	05	1/4-19	19	17
X0052-05-06	5/16	7.9	05	3/8-19	22	21
X0051-06-04	3/8	9.5	06	1/4-19	19	17
X0052-06-06	3/8	9.5	06	3/8-19	22	21
X0052-06-08	3/8	9.5	06	1/2-14	27	23
X0051-08-06	1/2	12.7	08	3/8-19	22	20
X0052-08-08	1/2	12.7	08	1/2-14	27	23
X0051-08-10	1/2	12.7	08	5/8-14	30	20
X0051-08-12	1/2	12.7	08	3/4-14	32	27
X0051-10-08	5/8	15.9	10	1/2-14	27	23
X0051-10-10	5/8	15.9	10	5/8-14	30	20
X0051-10-12	5/8	15.9	10	3/4-14	32	25
X0051-12-12	3/4	19	12	3/4-14	32	25
X0051-12-16	3/4	19	12	1-11	38	26
X0051-16-12	1	25.4	16	3/4-14	32	27
X0051-16-16	1	25.4	16	1-11	38	27
X0051-16-20	1	25.4	16	1.1/4-11	50	30
X0051-20-20*	1.1/4	31.8	20	1.1/4-11	50	32
X0051-20-24*	1.1/4	31.8	20	1.1/2-11	55	34
X0051-24-24*	1.1/2	38.1	24	1.1/2-11	55	34
X0051-32-32*	2	50.8	32	2-11	70	31

*with o'ring

X0151



X0152

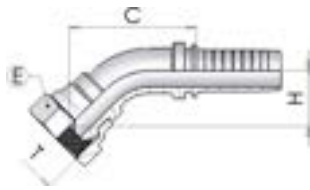
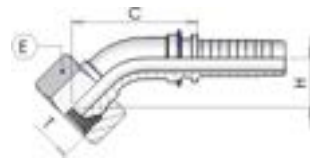


BSP 90° Swept elbow 60° cone

(DKR-90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
X0151-03-02	3/16	4.8	03	1/8-28	14	23	22
X0152-03-04	3/16	4.8	03	1/4-19	19	25	22
X0151-04-02	1/4	6.4	04	1/8-28	14	25	25
X0152-04-04	1/4	6.4	04	1/4-19	19	21	27
X0152-04-06	1/4	6.4	04	3/8-19	22	24	27
X0151-05-04	5/16	7.9	05	1/4-19	19	31	30
X0151-06-04	3/8	9.5	06	1/4-19	19	34	30
X0152-06-06	3/8	9.5	06	3/8-19	22	29	33
X0152-06-08	3/8	9.5	06	1/2-14	27	31	36
X0151-08-06	1/2	12.7	08	3/8-19	22	42	39
X0152-08-08	1/2	12.7	08	1/2-14	27	41	39
X0151-08-10	1/2	12.7	08	5/8-14	30	41	40
X0151-08-12	1/2	12.7	08	3/4-14	32	46	41
X0151-10-10	5/8	15.9	10	5/8-14	30	53	42
X0151-10-12	5/8	15.9	10	3/4-14	32	50	45
X0151-12-12	3/4	19	12	3/4-14	32	57	56
X0151-12-16	3/4	19	12	1-11	38	56	56
X0151-16-16	1	25.4	16	1-11	38	67	70
X0151-16-20*	1	25.4	16	1.1/4-11	50	72	70
X0151-20-20*	1.1/4	31.8	20	1.1/4-11	50	84	83
X0151-24-24*	1.1/2	38.1	24	1.1/2-11	55	95	103
X0151-32-32*	2	50.8	32	2-11	70	124	133

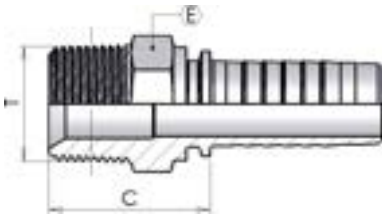
*with o'ring

X0251**X0252****BSP 45° Swept Elbow 60° Cone****(DKR-45°)**

Product number	hose I.D.		dash size	Dimension			
	in	mm		T	E	Cut-off C	H
X0252-03-04	3/16	4.8	03	1/4-19	19	35	15
X0251-04-02	1/4	6.4	04	1/8-28	14	40	14
X0252-04-04	1/4	6.4	04	1/4-19	19	41	15
X0252-04-06	1/4	6.4	04	3/8-19	22	44	18
X0251-05-04	5/16	7.9	05	1/4-19	19	47	16
X0252-05-06	5/16	7.9	05	3/8-19	22	51	19
X0251-06-04	3/8	9.5	06	1/4-19	19	50	16
X0252-06-06	3/8	9.5	06	3/8-19	22	51	19
X0252-06-08	3/8	9.5	06	1/2-14	27	55	21
X0251-08-06	1/2	12.7	08	3/8-19	22	63	22
X0252-08-08	1/2	12.7	08	1/2-14	27	63	22
X0251-10-10	5/8	15.9	10	5/8-14	30	68	23
X0251-10-12	5/8	15.9	10	3/4-14	32	72	27
X0251-12-12	3/4	19	12	3/4-14	32	86	30
X0251-12-16	3/4	19	12	1-11	38	88	32
X0251-16-16	1	25.4	16	1-11	38	107	35
X0251-20-20*	1/1.4	31.8	20	1/1.4-11	50	106	40
X0251-24-24*	1/1.2	38.1	24	1/1.2-11	55	117	51
X0251-32-32*	2	50.8	32	2-11	70	146	59

*with o'ring

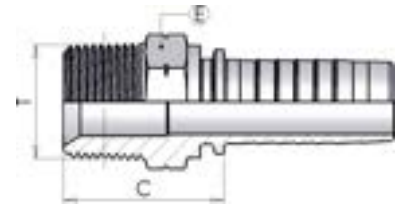
X0360



BSP Taper Male 60° cone

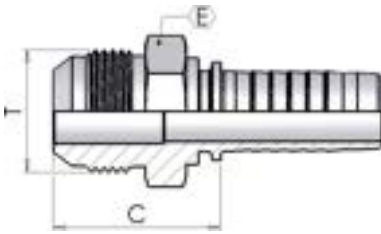
(AGR-K)

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
X0360-04-02	1/4	6.4	04	1/8-28	12	22
X0360-04-04	1/4	6.4	04	1/4-19	15	28
X0360-04-06	1/4	6.4	04	3/8-19	19	28
X0360-05-04	5/16	7.9	05	1/4-19	15	28
X0360-05-06	5/16	7.9	05	3/8-19	19	28
X0360-06-04	3/8	9.5	06	1/4-19	17	28
X0360-06-06	3/8	9.5	06	3/8-19	19	28
X0360-06-08	3/8	9.5	06	1/2-14	22	33
X0360-08-06	1/2	12.7	08	3/8-19	19	29
X0360-08-08	1/2	12.7	08	1/2-14	22	34
X0360-10-08	5/8	15.7	10	1/2-14	24	34
X0360-10-12	5/8	15.7	10	3/4-14	27	36
X0360-12-12	3/4	19	12	3/4-14	27	37
X0360-12-16	3/4	19	12	1-11	36	43
X0360-16-16	1	25.4	16	1-11	36	44
X0360-20-20	1.1/4	31.8	20	1.1/4-11	46	47
X0360-24-24	1.1/2	38.1	24	1.1/2-11	50	49
X0360-32-32	2	50.8	32	2-11	65	55

X0370**NPTF Male 60° cone****(AGN)**

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

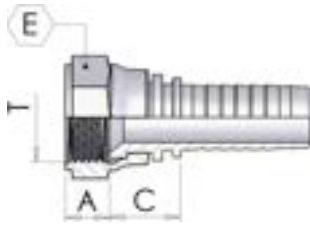
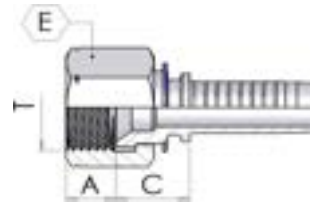
X0850



JIC Male 74° cone

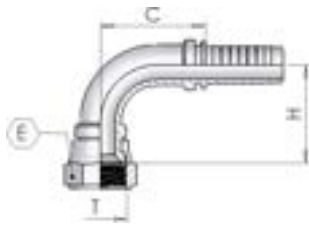
(AGJ)

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
X0850-04-04	1/4	6.4	04	7/16-20	12	27
X0850-04-05	1/4	6.4	04	1/2-20	14	27
X0850-04-06	1/4	6.4	04	9/16-18	15	27
X0850-05-06	5/16	7.9	05	9/16-18	15	27
X0850-06-06	3/8	9.5	06	9/16-18	15	27
X0850-06-08	3/8	9.5	06	3/4-16	19	30
X0850-08-08	1/2	12.7	08	3/4-16	19	31
X0850-08-10	1/2	12.7	08	7/8-14	24	35
X0850-10-10	5/8	15.9	10	7/8-14	24	35
X0850-10-12	5/8	15.9	10	1.1/16-12	27	37
X0850-12-12	3/4	19	12	1.1/16-12	27	38
X0850-12-16	3/4	19	12	1.5/16-12	34	42
X0850-16-16	1	25.4	16	1.5/16-12	34	43
X0850-16-20	1	25.4	16	1.5/8-12	42	46
X0850-20-20	1.1/4	31.8	20	1.5/8-12	42	47
X0850-20-24	1.1/4	31.8	20	1.7/8-12	50	52
X0850-24-24	1.1/2	38.1	24	1.7/8-12	50	52
X0850-32-32	2	50.8	32	2.1/2-12	65	62

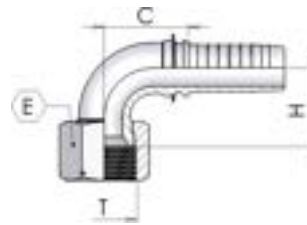
X0901**X0902****JIC Female 74°****(DKJ)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	Cut-off C	A
X0901-03-04	3/16	4.8	03	7/16-20	15	14	8.5
X0901-04-04	1/4	6.4	04	7/16-20	15	14	8.5
X0902-04-05	1/4	6.4	04	1/2-20	17	17	9.5
X0902-04-06	1/4	12.7	04	9/16-18	19	17	9
X0902-05-06	5/16	7.9	05	9/16-18	19	16	9
X0901-06-06	3/8	9.5	06	9/16-18	19	16	9
X0902-06-08	3/8	9.5	06	3/4-16	22	18	10.5
X0901-08-08	1/2	12.7	08	3/4-16	24	18	10.5
X0902-08-10	1/2	12.7	08	7/8-14	27	20	13
X0901-10-10	5/8	15.9	10	7/8-14	27	19	13
X0902-10-12	5/8	15.9	10	1.1/16-12	32	20	13.5
X0901-12-12	3/4	19	12	1.1/16-12	32	22	13.5
X0901-12-16	3/4	19	12	1.5/16-12	38	23	15.5
X0901-16-12	1	25.4	16	1.1/16-12	32	23	13.5
X0901-16-16	1	25.4	16	1.5/16-12	38	24	15.5
X0901-20-20	1.1/4	31.8	20	1.5/8-12	50	28	16.5
X0901-24-24	1.1/2	38.1	24	1.7/8-12	55	31	19
X0901-32-32	2	50.8	32	2.1/2-12	70	31	20

X0951



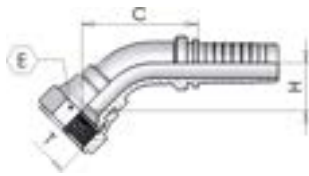
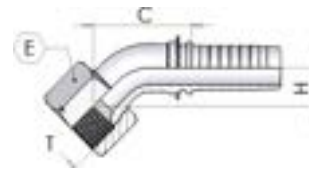
X0952



JIC 90° Swept Elbow 74° cone

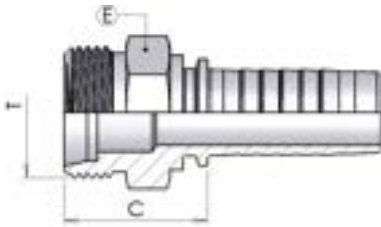
(DKJ-90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
X0951-04-04	1/4	6.4	04	7/16-20	15	24	25
X0952-04-05	1/4	6.4	04	1/2-20	17	21	27
X0952-04-06	1/4	6.4	04	9/16-18	19	21	26
X0952-05-06	5/16	7.9	05	9/16-18	19	32	25
X0951-06-06	3/8	9.5	06	9/16-18	19	32	31
X0952-06-08	3/8	9.5	06	3/4-16	22	34	41
X0951-08-08	1/2	12.7	08	3/4-16	24	41	41
X0952-08-10	1/2	12.7	08	7/8-14	27	40	42
X0951-10-10	5/8	15.9	10	7/8-14	27	44	43
X0952-10-12	5/8	15.9	10	1.1/16-12	32	37	47
X0951-12-12	3/4	19	12	1.1/16-12	32	45	58
X0951-12-16	3/4	19	12	1.5/16-12	38	55	60
X0951-16-16	1	25.4	16	1.5/16-12	38	65	70
X0951-20-20	1.1/4	31.8	20	1.5/8-12	50	83	87
X0951-24-24	1.1/2	38.1	24	1.7/8-12	55	97	102
X0951-32-32	2	50.8	32	2.1/2-12	70	134	121

X1001**X1002****JIC 45° Swept Elbow 74°****(DKJ-45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
X1001-04-04	1/4	6.4	04	7/16-20	15	13	38
X1002-04-05	1/4	6.4	04	1/2-20	17	15	38
X1002-04-06	1/4	6.4	04	9/16-18	19	16	38
X1002-05-06	5/16	7.9	05	9/16-18	19	18	47
X1001-06-06	3/8	9.5	06	9/16-18	19	17	51
X1002-06-08	3/8	9.5	06	3/4-16	22	19	52
X1001-08-08	1/2	12.7	08	3/4-16	24	22	62
X1002-08-10	1/2	12.7	08	7/8-14	27	23	64
X1001-10-10	5/8	15.9	10	7/8-14	27	24	68
X1001-12-12	3/4	19	12	1.1/16-12	32	21	81
X1001-12-16	3/4	19	12	1.5/16-12	38	28	88
X1001-16-16	1	25.4	16	1.5/16-12	38	29	83
X1001-20-20	1.1/4	31.8	20	1.5/8-12	50	42	108
X1001-24-24	1.1/2	38.1	24	1.7/8-12	55	49	156
X1001-32-32	2	50.8	32	2.1/2-12	70	65	142

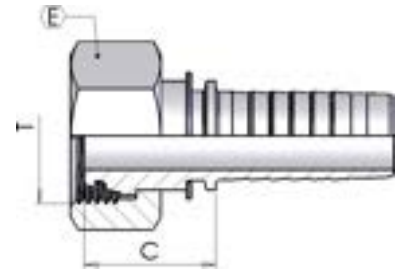
X0500



Metric Male 24° Seat Light

(CEL)

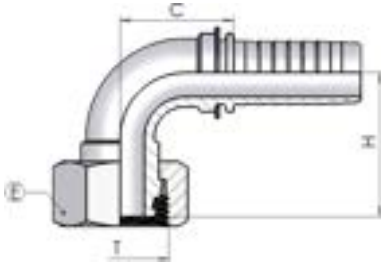
Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	erm.	E	Cut-off C
X0500-04-12	1/4	04	6.4	M12-1.5	6	14	23
X0500-04-14	1/4	04	6.4	M14-1.5	8	14	22
X0500-04-16	1/4	04	6.4	M16-1.5	10	17	23
X0500-05-16	5/16	05	7.9	M16-1.5	10	17	23
X0500-05-18	5/16	05	7.9	M18-1.5	12	19	24
X0500-06-16	3/8	06	9.5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

X0085**Metric Female 24° Seat Light****(DKOL)**

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

*Rolled Nut

X0185

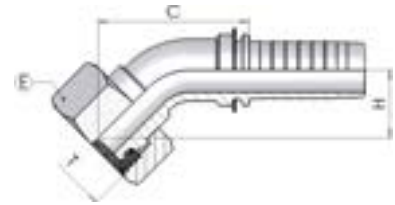


90° Metric Swept Elbow 24° Seat Light

(DKOL-90°)

Product number	hose I.D.		Dimension					I.D.
	in	dash size	mm	T	erm.	E	H	Cut-off C
X0185-03-12	3/16	03	4.8	M12-1.5	6	14	23	22
X0185-04-12*	1/4	04	6.4	M12-1.5	6	14	34	26
X0185-04-14	1/4	04	6.4	M14-1.5	8	17	26	26
X0185-04-16	1/4	04	6.4	M16-1.5	10	19	27	25
X0185-04-18	1/4	04	6.4	M18-1.5	12	22	30	27
X0185-05-16	5/16	05	7.9	M16-1.5	10	19	31	31
X0185-05-18	5/16	05	7.9	M18-1.5	12	22	32	31
X0185-06-16*	3/8	06	9.5	M16-1.5	10	19	39	32
X0185-06-18	3/8	06	9.5	M18-1.5	12	22	35	32
X0185-06-22	3/8	06	9.5	M22-1.5	15	27	35	32
X0185-08-22	1/2	08	12.7	M22-1.5	15	27	38	41
X0185-08-26	1/2	08	12.7	M26-1.5	18	32	39	41
X0185-10-26	5/8	10	15.9	M26-1.5	18	32	44	44
X0185-12-30	3/4	12	19	M30-2	22	36	52	58
X0185-12-36	3/4	12	19	M36-2	28	41	59	56
X0185-16-36	1	16	25.4	M36-2	28	41	65	69
X0185-20-45	1.1/4	20	31.8	M45-2	35	50	81	84
X0185-24-52	1.1/2	24	38.1	M52-2	42	60	93	102

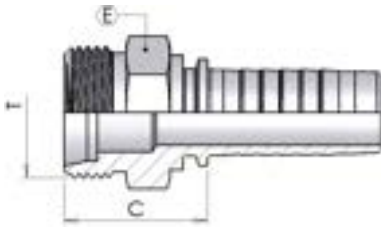
*Rolled Nut

X0285**45° Metric Swept Elbow 24° Seat
Light****(DKOL-45°)**

Product number	hose I.D.	Dimension						I.D.
	in	dash size	mm	T	erm.	E	H	Cut-off C
X0285-03-12	3/16	03	4.8	M12-1.5	6	14	14	36
X0285-04-12*	1/4	04	6.4	M12-1.5	6	14	21	46
X0285-04-14	1/4	04	6.4	M14-1.5	8	17	14	42
X0285-04-16	1/4	04	6.4	M16-1.5	10	19	15	42
X0285-04-18	1/4	04	6.4	M18-1.5	12	22	16	43
X0285-05-16	5/16	05	7.9	M16-1.5	10	19	17	48
X0285-05-18	5/16	05	7.9	M18-1.5	12	22	18	48
X0285-06-16*	3/8	06	9.5	M16-1.5	10	19	22	55
X0285-06-18	3/8	06	9.5	M18-1.5	12	22	19	52
X0285-06-22	3/8	06	9.5	M22-1.5	15	27	19	51
X0285-08-22	1/2	08	12.7	M22-1.5	15	27	21	63
X0285-10-26	5/8	10	15.9	M26-1.5	18	32	23	68
X0285-12-30	3/4	12	19	M30-2	22	36	25	86
X0285-16-36	1	16	25.4	M36-2	28	41	29	81
X0285-20-45	1.1/4	20	31.8	M45-2	35	50	32	106
X0285-24-52	1.1/2	24	38.1	M52-2	42	60	43	119

*Rolled Nut

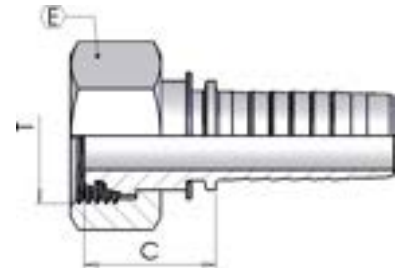
X0450



Metric Male 24° Seat Heavy

(CES)

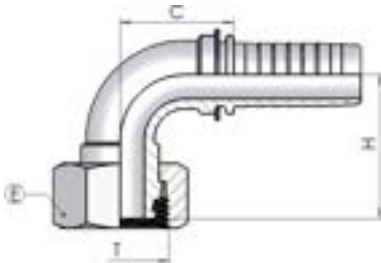
Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
X0450-04-14	1/4	6.4	04	M14-1.5	6	14	25
X0450-04-16	1/4	6.4	04	M16-1.5	8	17	27
X0450-04-18	1/4	6.4	04	M18-1.5	10	19	27
X0450-05-18	5/16	7.9	05	M18-1.5	10	19	27
X0450-05-20	5/16	7.9	05	M20-1.5	12	22	29
X0450-06-18	3/8	9.5	06	M18-1.5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

X0084**Metric Female 24° Seat Heavy****(DKOS)**

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

*Rolled Nut

X0184

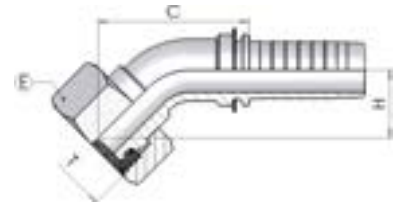


90° Metric Swept Elbow 24° Seat Heavy

(DKOS-90°)

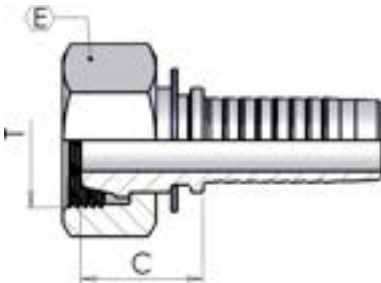
Product number	hose I.D. / I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
X0184-04-14	1/4	6.4	04	M14-1.5	6	17	26	27
X0184-04-16	1/4	6.4	04	M16-1.5	8	19	26	26
X0184-04-18	1/4	6.4	04	M18-1.5	10	22	31	27
X0184-05-18	5/16	7.9	05	M18-1.5	10	22	33	33
X0184-05-20	5/16	7.9	05	M20-1.5	12	24	34	30
X0184-06-18	3/8	9.5	06	M18-1.5	10	22	35	34
X0184-06-20	3/8	9.5	06	M20-1.5	12	24	34	34
X0184-06-22	3/8	9.5	06	M22-1.5	14	27	33	33
X0184-08-24	1/2	12.7	08	M24-1.5	16	30	41	40
X0184-10-30	5/8	15.9	10	M30-2	20	36	50	46
X0184-12-30	3/4	19	12	M30-2	20	36	56	58
X0184-12-36	3/4	19	12	M36-2	25	46	57	59
X0184-16-36	1	25.4	16	M36-2	25	46	67	77
X0184-16-42	1	25.4	16	M42-2	30	50	67	72
X0184-20-52	1.1/4	31.8	20	M52-2	38	60	82	84
X0184-24-52	1.1/2	38.1	24	M52-2	38	60	105	105

*Rolled Nut

X0284**45° Metric Swept Elbow 24° Seat
Heavy****(DKOS-45°)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
X0284-04-14	1/4	6.4	04	M14-1.5	6	17	15	37
X0284-04-16	1/4	6.4	04	M16-1.5	8	19	15	42
X0284-04-18	1/4	6.4	04	M18-1.5	10	22	18	45
X0284-05-20	5/16	7.9	05	M20-1.5	12	24	19	49
X0284-06-18	3/8	9.5	06	M18-1.5	10	22	19	51
X0284-06-20	3/8	9.5	06	M20-1.5	12	24	18	53
X0284-06-22	3/8	9.5	06	M22-1.5	14	27	20	54
X0284-08-24	1/2	12.7	08	M24-1.5	16	30	21	63
X0284-10-30	5/8	15.9	10	M30-2	20	36	29	74
X0284-12-30	3/4	19	12	M30-2	20	36	30	87
X0284-12-36	3/4	19	12	M36-2	25	46	29	56
X0284-16-36	1	25.4	16	M36-2	25	46	30	85
X0284-16-42	1	25.4	16	M42-2	30	50	30	85
X0284-20-52	1.1/4	31.8	20	M52-2	38	60	39	105
X0284-24-52	1.1/2	38.1	24	M52-2	38	60	53	129

X0035

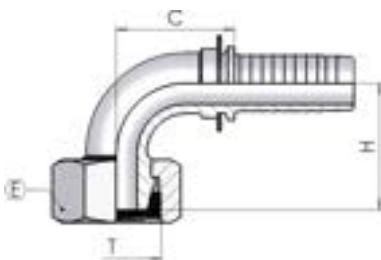


Metric Female 24° Seat Light Multiseal

(DKL)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
X0035-04-14	1/4	6.4	04	M14-1.5	8	17	19
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	22	21
X0035-06-18	3/8	9.5	06	M18-1.5	12	22	23
X0035-06-22	3/8	9.5	06	M22-1.5	15	27	22
X0035-08-22	1/2	12.7	08	M22-1.5	15	27	22
x0035-08-26	1/2	12.7	08	M26-1.5	18	32	24
X0035-10-26	5/8	15.9	10	M26-1.5	18	32	24

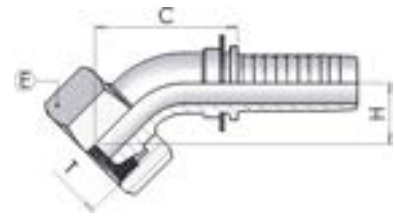
X0135



90° Metric Swept Elbow 24° Seat Light Multiseal

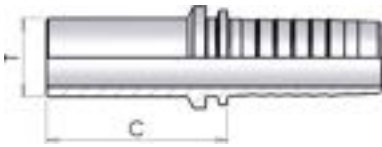
(DKL-90°)

Product number	hose I.D.		Dimension					I.D.
	in	dash size	mm	T	erm.	E	H	Cut-off C
X0135-04-14	1/4	04	6.4	M14-1.5	8	17	25	25
X0135-04-16	1/4	04	6.4	M16-1.5	10	19	24	26
X0135-05-16	5/16	05	7.9	M16-1.5	10	19	29	32
X0135-05-18	5/16	05	7.9	M18-1.5	12	22	30	31
X0135-06-18	3/8	06	9.5	M18-1.5	12	22	30	36
X0135-06-22	3/8	06	9.5	M22-1.5	15	27	33	32
X0135-08-22	1/2	08	12.7	M22-1.5	15	27	38	41
X0135-10-26	5/8	10	15.9	M26-1.5	18	32	42	46

X0235**45° Metric Swept Elbow 24° Seat
Light Multiseal****(DKL-45°)**

Product number	hose I.D.		dash size	Dimension					Cut-off C
	in	mm		T	erm.	E	H		
X0235-04-14	1/4	6.4	04	M14-1.5	8	17	14	40	
X0235-04-16	1/4	6.4	04	M16-1.5	10	19	16	41	
X0235-05-16	5/16	7.9	05	M16-1.5	10	19	14	47	
X0235-05-18	5/16	7.9	05	M18-1.5	12	22	16	49	
X0235-06-18	3/8	9.5	06	M18-1.5	12	22	16	50	
X0235-08-22	1/2	12.7	08	M22-1.5	15	27	21	61	
X0235-10-26	5/8	15.9	10	M26-1.5	18	32	21	68	

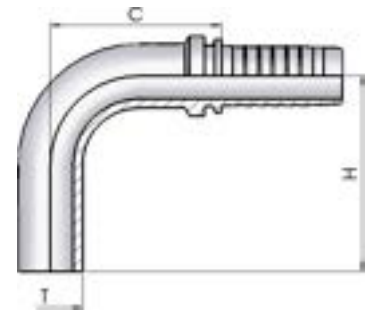
X0550



Metric Standpipe

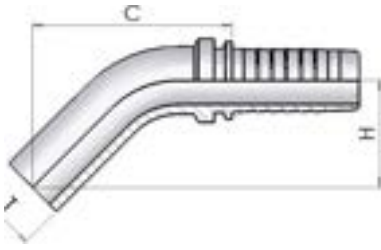
(BEL-BES)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Pipe T	Type	Cut-off C
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
X0550-06-10	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
X0550-08-15	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
X0550-10-18	5/8	15.9	10	18	L	35
X0550-10-20	5/8	15.9	10	20	S	45
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
X0550-16-25	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
X0550-20-35	1.1/4	31.8	20	35	L	48
X0550-20-38	1.1/4	31.8	20	38	S	62
X0550-24-42	1.1/2	38.1	24	42	L	50

X0650**90° Metric Standpipe****(BEL-BES 90°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
X0650-04-06	1/4	6.4	04	6	L/S	32	23
X0650-04-08	1/4	6.4	04	8	L/S	34	25
X0650-04-10	1/4	6.4	04	10	L/S	43	25
X0650-05-10	5/16	7.9	05	10	L/S	40	29
X0650-05-12	5/16	7.9	05	12	L/S	45	29
X0650-06-10	3/8	9.5	06	10	L/S	40	27
X0650-06-12	3/8	9.5	06	12	L/S	44	30
X0650-06-14	3/8	9.5	06	12	S	58	30
X0650-08-12	1/2	12.7	08	12	L/S	44	33
X0650-08-15	1/2	12.7	08	15	L	52	39
X0650-08-16	1/2	12.7	08	16	L	57	41
X0650-10-18	5/8	15.9	10	18	L	56	51
X0650-10-20	5/8	15.9	10	20	S	65	51
X0650-10-22	5/8	15.9	10	22	L	65	51
X0650-12-22	3/4	19	12	22	L	71	51
X0650-12-25	3/4	19	12	25	S	75	57
X0650-16-28	1	25.4	16	28	L	89	60
X0650-16-30	1	25.4	16	30	S	89	65

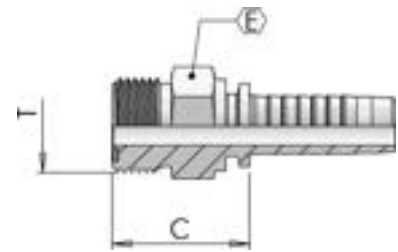
X0750



45° Metric Standpipe

(BEL-BES 45°)

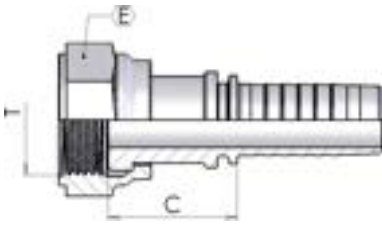
Product number	hose I.D.		Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
X0750-04-06	1/4	6.4	04	6	L/S	24	41
X0750-04-08	1/4	6.4	04	8	L/S	25	43
X0750-04-10	1/4	6.4	04	10	L/S	30	47
X0750-05-10	5/16	7.9	05	10	L/S	30	49
X0750-05-12	5/16	7.9	05	12	L/S	32	53
X0750-06-10	3/8	9.5	06	10	L/S	33	50
X0750-06-12	3/8	9.5	06	12	L/S	33	52
X0750-06-14	3/8	9.5	06	14	S	27	50
X0750-08-15	1/2	12.7	08	15	L	29	55
X0750-08-16	1/2	12.7	08	16	S	27	56
X0750-10-18	5/8	15.7	10	18	L	29	56
X0750-10-20	5/8	15.7	10	20	S	34	56
X0750-12-22	3/4	19	12	22	L	35	65
X0750-12-25	3/4	19	12	25	S	41	76
X0750-16-28	1	25.4	16	28	L	49	84
X0750-16-30	1	25.4	16	30	S	44	86

XS350**ORFS Male****(ORFS)**

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

- with plug and O-Ring

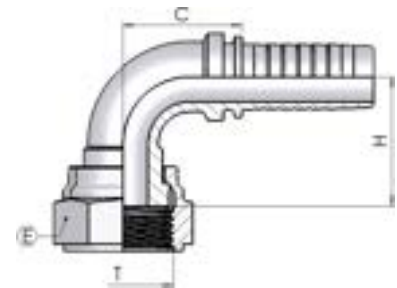
XS050



ORFS Female

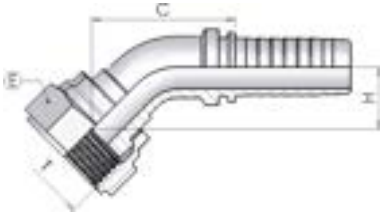
(ORFS)

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

XS150**ORFS 90° Swept Elbow****(ORFS-90°)**

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

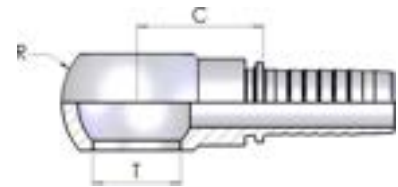
XS250



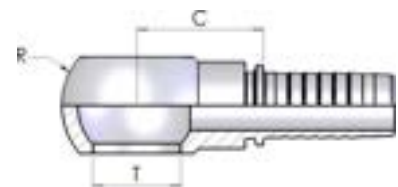
ORFS 45° Swept Elbow

(ORFS-45°)

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

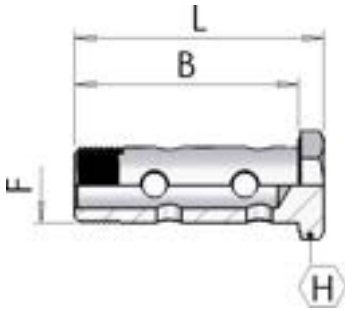
X1350**Metric Banjo****(RNM)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
X1350-04-12	1/4	6.4	04	M12-1.5	12.2	20	22
X1350-04-14	1/4	6.4	04	M14-1.5	14.2	24	26
X1350-05-16	5/16	7.9	05	M16-1.5	16.2	28	26
X1350-06-16	3/8	9.5	06	M16-1.5	16.2	28	26
X1350-06-18	3/8	9.5	06	M18-1.5	18.2	32	29
X1350-08-18	1/2	12.7	08	M18-1.5	18.2	32	29
X1350-08-22	1/2	12.7	08	M22-1.5	22.2	36	31
X1350-12-26	3/4	19	12	M26-1.5	26.2	46	38

X1400**BSP Banjo****(RNR)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
X1400-04-04	1/4	6.4	04	1/4-19	13.3	24	26
X1400-04-06	1/4	6.4	04	3/8-19	17	28	26
X1400-05-06	5/16	7.9	05	3/8-19	17	28	26
X1400-06-06	3/8	9.5	06	3/8-19	17	28	26
X1400-06-08	3/8	9.5	06	1/2-14	21.2	36	31
X1400-08-08	1/2	12.7	08	1/2-14	21.2	36	31
X1400-12-12	3/4	19	12	3/4-14	26.5	45	38
X1400-16-16	1	25.4	16	1-11	33.5	58	50

X1600

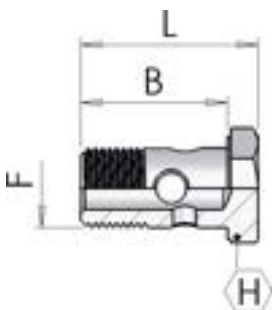


Double BSP Perforated Bolt

(BOLT)

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

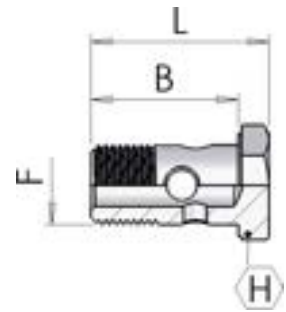
X1600-00



BSP Perforated Bolt

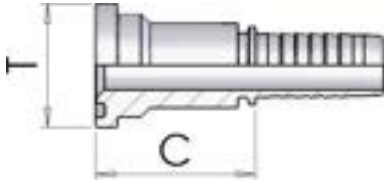
(BOLT)

Product number	Dimension				Box	Weight
	F	B	L	H	Q.ty	kg/unit
X1600-00-04	1/4"-19	29	34	19	500	0,033700
X1600-00-06	3/8"-19	33	41	22		0,056900
X1600-00-08	1/2"-14	38	46	27		0,089300
X1600-00-12	3/4"-14	47	56	32		0,175000
X1600-00-16	1"-11	58	69	41	5	0,344000

X1650**Metric perfored bolt****(BOLT)**

Product number	Dimension			
	F	B	L	H
X1650-00-12	M12-1.5	26	31	17
X1650-00-14	M14-1.5	29	34	19
X1650-00-16	M16-1.5	33	41	22
X1650-00-18	M18-1.5	37	44	24
X1650-00-22	M22-1.5	38	46	27
X1650-00-26	M26-1.5	47	56	32

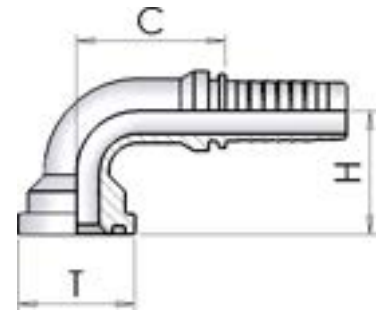
X1260



Straight SAE Flange 3000 PSI

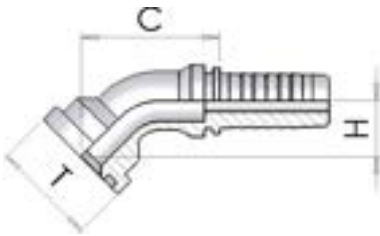
(SFL)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off 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
X1260-10-12	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
X1260-40-40	2.1/2	63.5	40	2.1/2	84	76
X1260-48-48	3	76.2	48	3	102	63

X1060**90° SAE Flange 3000 PSI****(SFL 90°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
X1060-08-08	1/2	08	12.7	1/2	30.2	39	39
X1060-08-12	1/2	08	12.7	3/4	38.1	44	42
X1060-10-12	5/8	10	15.9	3/4	38.1	47	45
X1060-12-12	3/4	12	19	3/4	38.1	53	56
X1060-12-16	3/4	12	19	1	44.5	55	56
X1060-16-16	1	16	25.4	1	44.5	65	70
X1060-16-20	1	16	25.4	1.1/4	50.8	70	67
X1060-20-20	1.1/4	20	31.8	1.1/4	50.8	79	85
X1060-20-24	1.1/4	20	31.8	1.1/2	60.3	81	85
X1060-24-24	1.1/2	24	38.1	1.1/2	60.3	89	98
X1060-24-32	1.1/2	24	38.1	2	71.4	90	102
X1060-32-32	2	32	50.8	2	71.4	113	134

X1160



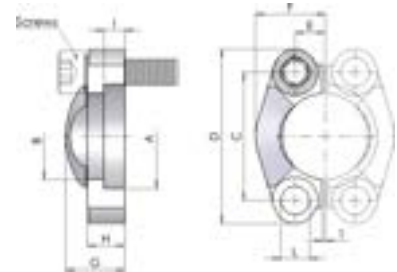
45° SAE Flange 3000 PSI

(SFL 45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
X1160-08-08	1/2	12.7	08	1/2	30.2	22	62
X1160-08-12	1/2	12.7	08	3/4	38.1	25	67
X1160-12-12	3/4	19	12	3/4	38.1	25	69
X1160-12-16	3/4	19	12	1	44.5	30	88
X1160-16-16	1	25.4	16	1	44.5	29	82
X1160-16-20	1	25.4	16	1.1/4	50.8	35	75
X1160-20-20	1.1/4	31.8	20	1.1/4	50.8	38	102
X1160-20-24	1.1/4	31.8	20	1.1/2	60.3	39	106
X1160-24-24	1.1/2	38.1	24	1.1/2	60.3	44	114
X1160-24-32	1.1/2	38.1	24	2	71.4	40	115
X1160-32-32	2	50.8	32	2	71.4	58	135

XS003

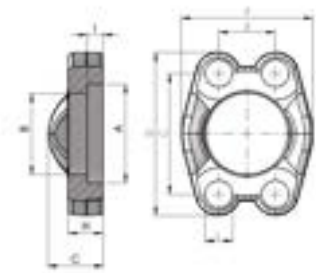
Cut Split Flanges - 3000 psi



Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
XS003-08	1/2"	30.96	24.3	38.1	54	8.7	22.8	19	13	6.2	8.8
XS003-12	3/4"	38.89	32.1	47.6	65	11.1	25.9	22	14	6.2	10.8
XS003-16	1"	45.24	38.5	52.4	70	13.1	29.2	24	16	7.5	10.8
XS003-20	1 1/4"	51.59	43.7	58.7	79	15.1	36.3	22	14	7.5	12
XS003-24	1 1/2"	61.09	50.8	69.9	94	17.9	41.1	25	16	7.5	13.5
XS003-32	2"	72.24	62.7	77.8	102	21.4	48.2	26	16	9	13.5
XS003-40	2 1/2"	84.94	74.9	88.9	114	25.4	54.1	38	19	9	13.5
XS003-48	3"	102.4	90.9	106.4	135	30.9	65.3	41	22	9	16.8

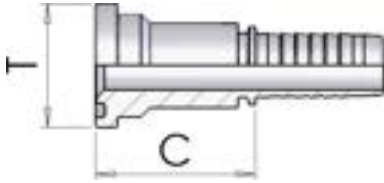
XSI03

Uncut Split Flanges - 3000 psi



Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
XSI03-08	1/2"	30.96	24.3	38.1	54	17.5	45.6	19	13	6.2	8.8
XSI03-12	3/4"	38.89	32.1	47.6	65	22.2	51.8	22	14	6.2	10.8
XSI03-16	1"	45.24	38.5	52.4	70	26.2	58.4	24	16	7.5	10.8
XSI03-20	1 1/4"	51.59	43.7	58.7	79	30.2	72.6	22	14	7.5	12
XSI03-24	1 1/2"	61.09	50.8	69.9	94	35.7	82.2	25	16	7.5	13.5
XSI03-32	2"	72.24	62.7	77.8	102	42.9	96.4	26	16	9	13.5
XSI03-40	2 1/2"	84.94	74.9	88.9	114	50.8	108.2	38	19	9	13.5
XSI03-48	3"	102.4	90.9	106.4	135	61.9	130.6	41	22	9	16.8

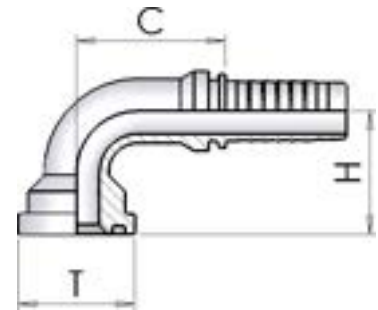
X1310



Straight SAE Flange 6000 PSI

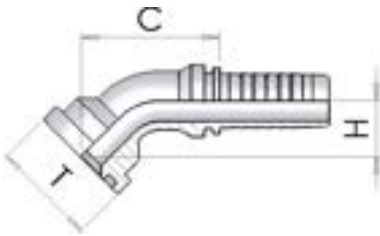
(SFS)

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

X1110**90° SAE Flange 6000 PSI****(SFS 90°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
X1110-08-08	1/2	08	12.7	1/2	31.8	39	39
X1110-08-12	1/2	08	12.7	3/4	41.3	48	39
X1110-10-12	5/8	10	15.9	3/4	41.3	52	44
X1110-12-12	3/4	12	19	3/4	41.3	55	56
X1110-12-16	3/4	12	19	1	47.6	63	56
X1110-16-12	1	16	25.4	3/4	41.3	64	68
X1110-16-16	1	16	25.4	1	47.6	69	70
X1110-16-20	1	16	25.4	1.1/4	54	74	71
X1110-20-20	1.1/4	20	31.8	1.1/4	54	83	97
X1110-20-24	1.1/4	20	31.8	1.1/2	63.5	93	97
X1110-24-24	1.1/2	24	38.1	1.1/2	63.5	103	100
X1110-24-32	1.1/2	24	38.1	2	79.4	108	100
X1110-32-32	2	32	50.8	2	79.4	136	125

X1210

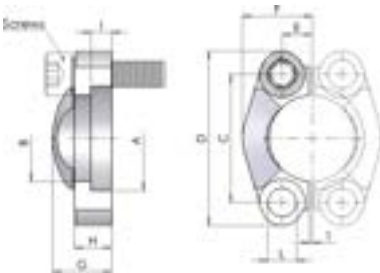


45° SAE Flange 6000 PSI

(SFS 45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
X1210-08-08	1/2	12.7	08	1/2	31.8	22	62
X1210-08-12	1/2	12.7	08	3/4	41.3	28	69
X1210-10-12	5/8	15.9	10	3/4	41.3	27	75
X1210-12-12	3/4	19	12	3/4	41.3	28	74
X1210-12-16	3/4	19	12	1	47.6	32	90
X1210-16-16	1	25.4	16	1	47.6	34	86
X1210-16-20	1	25.4	16	1.1/4	54	37	90
X1210-20-20	1.1/4	31.8	20	1.1/4	54	41	111
X1210-20-24	1.1/4	31.8	20	1.1/2	63.5	48	118
X1210-24-24	1.1/2	38.1	24	1.1/2	63.5	50	122
X1210-32-32	2	50.8	32	2	79.4	58	151

XS006

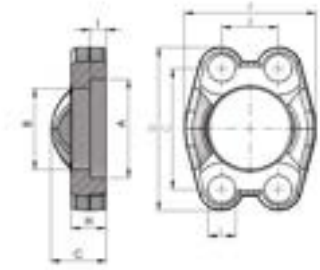


Cut Split Flanges - 6000 psi

Product number	SAE size	Dimension									
		A	B	C	D	E	F	G	H	I	L
XS006-08	1/2"	32.54	24.6	40.5	56	9.1	23.6	22	16	7.2	8.8
XS006-12	3/4"	42.06	32.5	50.8	71	11.9	30	28	19	8.3	11
XS006-16	1"	48.41	38.9	57.2	81	13.9	34.8	33	24	9	13
XS006-20	1.1/4"	54.76	44.5	66.7	95	15.9	38.6	38	27	9.8	15
XS006-24	1.1/2"	64.29	51.6	79.4	113	18.3	47.5	43	30	12.1	17
XS006-32	2"	80.16	67.6	96.8	133	22.2	56.9	52	37	12.1	21

XSI06

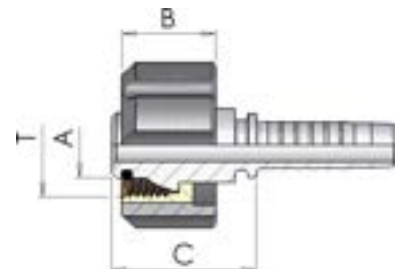
Uncut Split Flanges - 6000 psi



Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
XSI06-08	1/2"	32.54	24.6	40.5	56	18.2	47.2	22	16	7.2	8.8
XSI06-12	3/4"	42.06	32.5	50.8	71	23.8	60	28	19	8.3	11
XSI06-16	1"	48.41	38.9	57.2	81	27.8	69.6	33	24	9	13
XSI06-20	1"1/4	54.76	44.5	66.7	95	31.8	77.2	38	27	9.8	15
XS006-24	1"1/2	64.29	51.6	79.4	113	36.5	95	43	30	12.1	17
XS006-32	2"	80.16	67.6	96.8	133	44.5	113.8	52	37	12.1	21

XFK50

K' Female



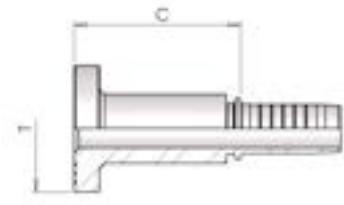
Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	A	B	Cut-off C
XFK50-04-22	1/4	04	6.4	M22-1.5	14	20	31
XFK50-05-22	5/16	05	7.9	M22-1.5	14	20	31
XFK50-06-22	3/8	06	9.5	M22-1.5	14	20	31

XD050



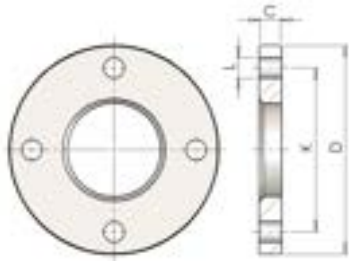
Hose Junction

Product number	hose I.D.		I.D.		Dimension	
	in	mm	dash size	Cut-off C		
XD050-04	1/4	6.4	04	22		
XD050-06	3/8	9.5	06	22		
XD050-08	1/2	12.7	08	23		
XD050-10	5/8	15.9	10	18		
XD050-12	3/4	19	12	19		
XD050-16	1	25.4	16	21		

XRPF**Swivel Flange End Fitting PN6/10/16**

Product number	hose I.D.		Dimension		
	in	mm	dash size	T	C
XRPF-06-10-06	3/8	9.5	06	35	64
XRPF-08-15-06	1/2	12.7	08	42	65
XRPF-10-15-06	5/8	15.9	10	42	66
XRPF-12-20-06	3/4	19	12	52	66
XRPF-16-25-06	1	25.4	16	62	65
XRPF-20-32-06	1.1/4	31.8	20	72	61
XRPF-24-40-06	1.1/2	38.1	24	82	61
XRPF-32-50-06	2	50.8	32	92	56
XRPF-40-65-06	2.1/2	63.5	40	112	57
XRPF-48-80-06	3	76.2	48	128	63
XRPF-06-10-16	3/8	9.5	06	40	68
XRPF-08-15-16	1/2	12.7	08	44	67
XRPF-10-15-16	5/8	15.9	10	44	68
XRPF-12-20-16	3/4	19	12	58	70
XRPF-16-25-16	1	25.4	16	68	69
XRPF-20-32-16	1.1/4	31.8	20	78	65
XRPF-24-40-16	1.1/2	38.1	24	88	65
XRPF-32-50-16	2	50.8	32	100	60
XRPF-40-65-16	2.1/2	63.5	40	122	61
XRPF-48-80-16	3	76.2	48	138	67

XFLG



EN Flanges Sliding planes

EN 1092-1/02 type A PN 6-PN 16-PN 40

Product number	DN	PN	Dimension				Bolt	
	mm	bar	C	D	K	L	N	Size
XFLG-06-10-06	10	6	12	75	50	11	4	M10
XFLG-08-15-06	15	6	12	80	55	11	4	M10
XFLG-12-20-06	20	6	14	90	65	11	4	M10
XFLG-16-25-06	25	6	14	100	75	11	4	M10
XFLG-20-32-06	32	6	16	120	90	14	4	M12
XFLG-24-40-06	40	6	16	130	100	14	4	M12
XFLG-32-50-06	50	6	16	140	110	14	4	M12
XFLG-40-65-06	65	6	16	160	130	14	4	M12
XFLG-48-80-06	80	6	18	190	150	18	4	M16
XFLG-64-100-06	100	6	18	210	170	18	4	M16
XFLG-32-50-16	50	16	19	165	125	18	4	M16
XFLG-40-65-16	65	16	20	185	145	18	8	M16
XFLG-48-80-16	80	16	20	200	160	18	8	M16
XFLG-64-100-16	100	16	22	220	180	18	8	M16
XFLG-06-10-40	10	40	14	90	60	14	4	M12
XFLG-08-15-40	15	40	14	95	65	14	4	M12
XFLG-12-20-40	20	40	16	105	75	14	4	M12
XFLG-16-25-40	25	40	16	115	85	14	4	M12
XFLG-20-32-40	32	40	18	140	100	18	4	M16
XFLG-24-40-40	40	40	18	150	110	18	4	M16

Interlock Stainless Steel Fittings





X004N



Swaged Ferrule (skive)

61

X0013



Swaged Ferrule (skive)

61



X0350H



BSP Male Parallel 60° cone

62

X0051H



BSP Female 60° Cone - Rolled Nut

62

X0151H



BSP 90° Swept Elbow 60° Cone - Rolled Nut

63

X0251H



BSP 45° Swept Elbow 60° Cone Rolled nut

63



X0370H



NPTF Male 60° cone

64



X0450H



Metric Male 24° Seat Heavy

64

X0084H



Metric Female 24° Seat Heavy

65

X0184H



90° Metric Swept Elbow 24° Seat Heavy

65

X0284H



45° Metric Swept Elbow 24° Seat Heavy

66



X0850H



JIC Male 74° cone

66

X0901H



JIC Female 74° cone -
Rolled Nut

67

X0951H



JIC 90° Swept Elbow 74°
cone Rolled Nut

67

X1001H



JIC 45° Swept Elbow 74°
Cone Rolled Nut

68



XS350H



ORFS Male

68

XS05TH



ORFS Female Back
Hexagon

69

XS150H



ORFS 90° Swept Elbow

69

XS250H



ORFS 45° Swept Elbow

70



X1250H



Straight SAE Flange
3000 PSI

70

X1050H



90° SAE Flange 3000 PSI

71

X1150H



45° SAE Flange 3000 PSI

71



X1300H



Straight SAE Flange
6000 PSI

72

X1100H



90° SAE Flange 6000 PSI

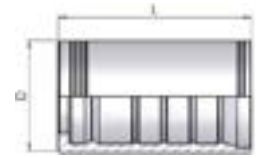
72

X1200H

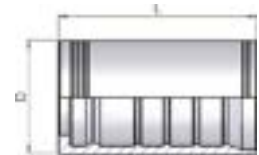


45° SAE Flange 6000 PSI

73

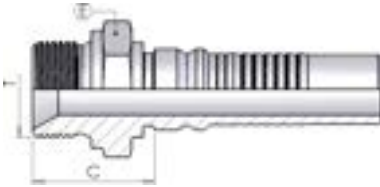
X004N**Swaged Ferrule (skive)**

Product number	hose I.D.		Dimension		skive	valid for
	in	mm	D	L	Length	
X004N-12	3/4	19	38	60	52/15	R13-4SH-R15 -(4SP)
X004N-16	1	25.4	46	75	64/17	4SH-R13-R15-(4SP)
X004N-20	1.1/4	31.8	55	88	74/22	4SH
X004N-24	1.1/2	38.1	62	94	81/22,5	4SH
X004N-32	2	50.8	78	99	85/30	4SH

X0013**Swaged Ferrule (skive)**

Product number	hose I.D.		Dimension		skive	valid for
	in	D	mm	L	Length	
X0013-20	1.1/4	60	31.8	88	74/22	R13 -R15
X0013-24	1.1/2	67	38.1	94	81/22,5	R13 -R15
X0013-32	2	85	50.8	99	85/30	R13-R15

X0350H



BSP Male Parallel 60° cone

(AGR)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
X0350H12-12	3/4	19	12	3/4-14	32	33
X0350H16-16	1	25.4	16	1-11	41	37
X0350H20-20	1.1/4	31.8	20	1.1/4-11	50	42
X0350H24-24	1.1/2	38.1	24	1.1/2-11	55	44
X0350H32-32	2	50.8	32	2-11	70	53

X0051H



BSP Female 60° Cone - Rolled Nut

(DKR)

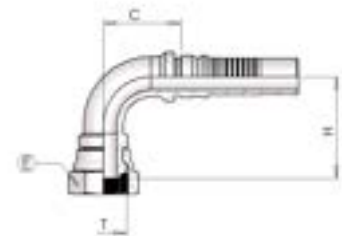
Product number	hose I.D.		Dimension				Note
	in	mm	dash size	T	E	Cut-off C	
X0051H12-12	3/4	19	12	3/4-14	32	23	(*)
X0051H16-16	1	25.4	16	1-11	38	26	(*)
X0051H20-20	1.1/4	31.8	20	1.1/4-11	50	29	(*)
X0051H24-24	1.1/2	38.1	24	1.1/2-11	55	31	(*)
X0051H32-32	2	50.8	32	2-11	70	30	(*)

(*) - BSP O-Ring Female

X0151H

BSP 90° Swept Elbow 60° Cone - Rolled Nut

(DKR 90°)



Product number	hose I.D.		Dimension					Note
	in	mm	dash size	T	E	H	Cut-off C	
X0151H12-12	3/4	19	12	3/4-14	32	57	54	(*)
X0151H16-16	1	25.4	16	1-11	38	70	73	(*)
X0151H20-20	1.1/4	31.8	20	1.1/4-11	50	83	93	(*)
X0151H24-24	1.1/2	38.1	24	1.1/2-11	55	104	111	(*)
X0151H32-32	2	50.8	32	2-11	70	135	122	(*)

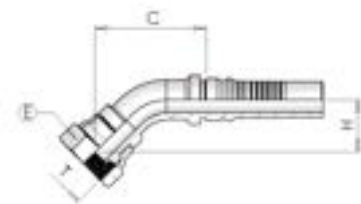
(*) - BSP O-Ring Female



X0251H

BSP 45° Swept Elbow 60° Cone Rolled nut

(DKR 45°)

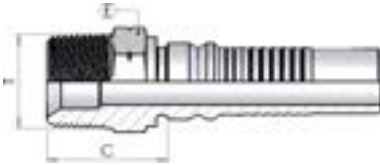


Product number	hose I.D.		Dimension					Note
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C	
X0251H12-12	3/4	12	19	3/4-14	32	31	85	(*)
X0251H16-16	1	16	25.4	1-11	41	38	112	(*)
X0251H20-20	1.1/4	20	31.8	1.1/4-11	50	41	98	(*)
X0251H24-24	1.1/2	24	38.1	1.1/2-11	55	54	166	(*)
X0251H32-32	2	32	50.8	2-11	70	71	143	(*)

(*) - BSP O-Ring Female



X0370H

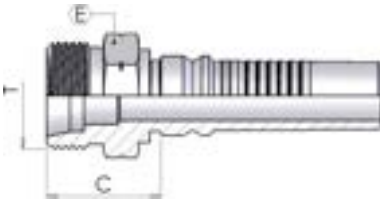


NPTF Male 60° cone

(AGN)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
X0370H12-12	3/4	19	12	3/4-14	27	35
X0370H16-16	1	25.4	16	1-11.1/2	36	41
X0370H20-20	1.1/4	31.8	20	1.1/4-11.1/2	46	44
X0370H24-24	1.1/2	38.1	24	1.1/2-11.1/2	50	47
X0370H32-32	2	50.8	32	2-11.1/2	65	54

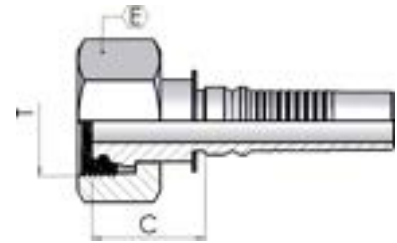
X0450H



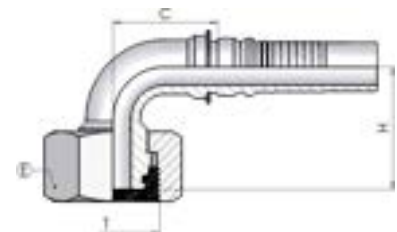
Metric Male 24° Seat Heavy

(CES)

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	erm.	hex E	Cut-off C
X0450H12-30	3/4	19	12	M30-2	20	30	32
X0450H12-36	3/4	19	12	M36-2	25	36	36
X0450H16-36	1	25.4	16	M36-2	25	36	36
X0450H16-42	1	25.4	16	M42-2	30	46	39
X0450H20-52	1.1/4	31.8	20	M52-2	38	55	42
X0450H24-52	1.1/2	38.1	24	M52-2	38	55	42.5

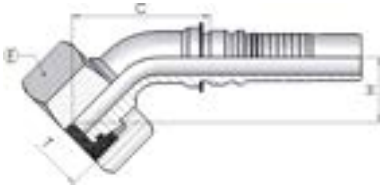
X0084H**Metric Female 24° Seat Heavy****(DKOS)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	erm.	hex E	Cut-off C
X0084H12-30	3/4	12	19	M30-2	20	36	32
X0084H12-36	3/4	12	19	M36-2	25	46	37
X0084H16-36	1	16	25.4	M36-2	25	46	38
X0084H16-42	1	16	25.4	M42-2	30	50	41
X0084H20-52	1.1/4	20	31.8	M52-2	38	60	41
X0084H24-52	1.1/2	24	38.1	M52-2	38	60	42

X0184H**90° Metric Swept Elbow 24° Seat Heavy****(DKOS 90°)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	Thread T	erm.	hex E	drop H	Cut-off C
X0184H12-30	3/4	19	12	M30-2	20	36	58	55
X0184H12-36	3/4	19	12	M36-2	25	46	58	55
X0184H16-36	1	25.4	16	M36-2	25	46	68	75
X0184H16-42	1	25.4	16	M42-2	30	50	69	74
X0184H20-52	1.1/4	31.8	20	M52-2	38	60	83	94

X0284H

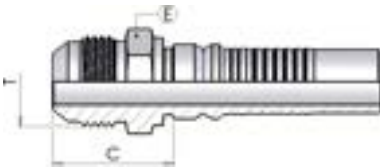


45° Metric Swept Elbow 24° Seat Heavy

(DKOS 45°)

Product number	hose I.D.		Dimension					
	in	mm	dash size	Thread T	erm.	hex E	drop H	Cut-off C
X0284H12-30	3/4	19	12	M30-2	20	36	30	64
X0284H12-36	3/4	19	12	M36-2	25	46	31	86
X0284H16-36	1	25.4	16	M36-2	25	46	34	82
X0284H16-42	1	25.4	16	M42-2	30	50	33	112
X0284H20-52	1.1/4	31.8	20	M52-2	38	60	40	105

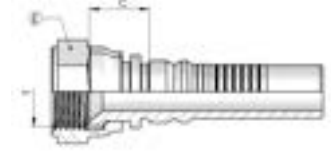
X0850H



JIC Male 74° cone

(AGJ)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
X0850H12-12	3/4	19	12	1.1/16-12	27	36
X0850H16-16	1	25.4	16	1.5/16-12	34	40
X0850H20-20	1.1/4	31.8	20	1.5/8-12	42	44
X0850H24-24	1.1/2	38.1	24	1.7/8-12	50	49
X0850H32-32	2	50.8	32	2.1/2-12	65	61

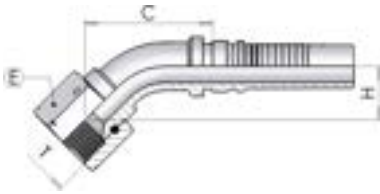
X0901H**JIC Female 74° cone - Rolled Nut****(DKJ)**

Product number	hose I.D.		Dimension			
	in	dash size	mm	Thread T	hex E	Cut-off C
X0901H12-12	3/4	12	19	1.1/16-12	32	19
X0901H16-16	1	16	25.4	1.5/16-12	41	23
X0901H20-20	1.1/4	20	31.8	1.5/8-12	50	26
X0901H24-24	1.1/2	24	38.1	1.7/8-12	55	29
X0901H32-32	2	32	50.8	2.1/2-12	70	30

X0951H**JIC 90° Swept Elbow 74° cone Rolled Nut****(DKJ 90°)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C
X0951H12-12	3/4	12	19	1.1/16-12	32	57	55
X0951H16-16	1	16	25.4	1.5/16-12	41	68	74
X0951H20-20	1.1/4	20	31.8	1.5/8-12	50	86	92
X0951H24-24	1.1/2	24	38.1	1.7/8-12	55	100	112
X0951H32-32	2	32	50.8	2.1/2-12	70	134	121

X1001H

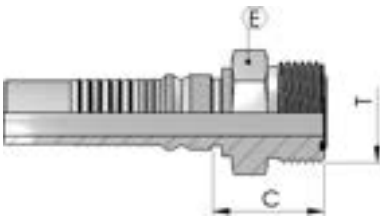


JIC 45° Swept Elbow 74° Cone Rolled Nut

(DKJ 45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	Thread T	hex E	drop H	Cut-off C
X1001H12-12	3/4	19	12	1.1/16-12	32	28	85
X1001H16-16	1	25.4	16	1.5/16-12	41	33	83
X1001H20-20	1.1/4	31.8	20	1.5/8-12	50	40	109
X1001H24-24	1.1/2	38.1	24	1.7/8-12	55	49	165
X1001H32-32	2	50.8	32	2.1/2-12	70	67	190

XS350H



ORFS Male

(AGO)

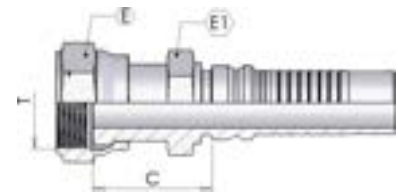
Product number	hose I.D.		Dimension			
	in	mm	dash size	T	E	Cut-off C
XS350H12-14	3/4	19	12	1.3/16-12	32	34
XS350H16-15	1	25.4	16	1.7/16-12	38	35
XS350H20-21	1.1/4	31.8	20	1.11/16-12	46	36
XS350H24-32	1.1/2	38.1	24	2-12	55	39

with plug and o'ring

XS05TH

ORFS Female Back Hexagon

(ORFS)

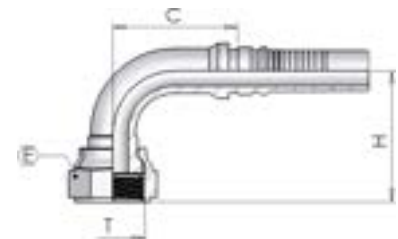


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
XS05TH12-14	3/4	19	12	1.3/16-12	36	30	39
XS05TH16-15	1	25.4	16	1.7/16-12	41	36	47
XS05TH20-21	1.1/4	31.8	20	1.11/16-12	46	46	50
XS05TH24-32	1.1/2	38.1	24	2-12	50	50	53

XS150H

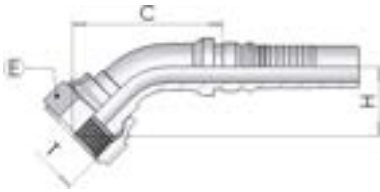
ORFS 90° Swept Elbow

(ORFS 90°)



Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	Cut-off C
XS150H12-14	3/4	19	12	1.3/16-12	36	49	54
XS150H16-15	1	25.4	16	1.7/16-12	41	66	69
XS150H20-21	1.1/4	31.8	20	1.11/16-12	50	80	87
XS150H24-32	1.1/2	38.1	24	2-12	60	102	111

XS250H

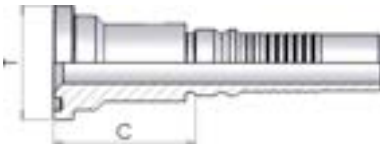


ORFS 45° Swept Elbow

(ORFS 45°)

Product number	hose I.D.		Dimension					Note
	in	mm	dash size	T	E	H	Cut-off C	
XS250H12-14	3/4	19	12	1.3/16-12	36	23	84	
XS250H16-15	1	25.4	16	1.7/16-12	41	33	107	
XS250H20-21	1.1/4	31.8	20	1.11/16-12	50	37	130	Dado Libero
XS250H24-32	1.1/2	38.1	24	2-12	60	50	165	

X1250H



Straight SAE Flange 3000 PSI

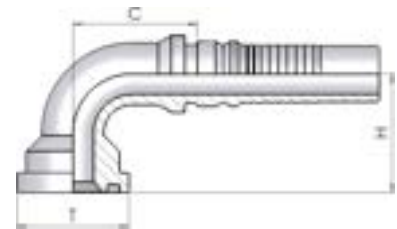
(SFL)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
X1250H12-12	3/4	19	12	3/4	38.1	47
X1250H12-16	3/4	19	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
X1250H32-32	2	50.8	32	2	71.4	67

X1050H

90° SAE Flange 3000 PSI

(SFL 90°)

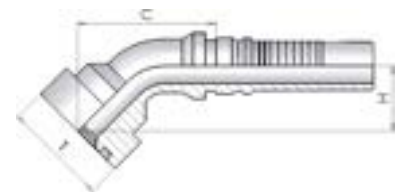


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
X1050H12-12	3/4	19	12	3/4	38.1	52	52
X1050H12-16	3/4	19	12	1	44.5	56	55
X1050H16-16	1	25.4	16	1	44.5	65	73
X1050H16-20	1	25.4	16	1.1/4	50.8	71	69
X1050H20-20	1.1/4	31.8	20	1.1/4	50.8	82	91
X1050H20-24	1.1/4	31.8	20	1.1/2	60.3	80	97
X1050H24-24	1.1/2	38.1	24	1.1/2	60.3	94	109
X1050H32-32	2	50.8	32	2	71.4	113	128

X1150H

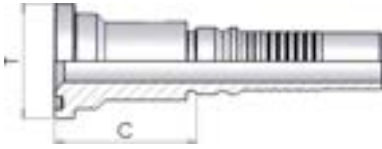
45° SAE Flange 3000 PSI

(SFL 45°)



Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
X1150H12-12	3/4	12	19	3/4	38.1	25	81
X1150H12-16	3/4	12	19	1	44.5	28	86
X1150H16-16	1	16	25.4	1	44.5	35	107
X1150H16-20	1	16	25.4	1.1/4	50.8	37	113
X1150H20-20	1.1/4	20	31.8	1.1/4	50.8	37	136
X1150H20-24	1.1/4	20	31.8	1.1/2	60.3	40	136
X1150H24-24	1.1/2	24	38.1	1.1/2	60.3	44	159
X1150H32-32	2	32	50.8	2	71.4	56	182

X1300H

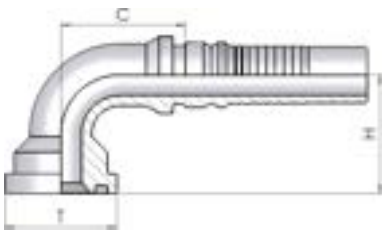


Straight SAE Flange 6000 PSI

(SFS)

Product number	hose I.D.		Dimension				I.D.
	in	mm	dash size	T Flange	mm	Cut-off C	
X1300H12-12	3/4	19	12	3/4	41.3	51	
X1300H12-16	3/4	19	12	1	47.6	57	
X1300H16-16	1	25.4	16	1	47.6	59	
X1300H16-20	1	25.4	20	1.1/4	54	66	
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	
X1300H32-32	2	50.8	32	2	79.4	84	

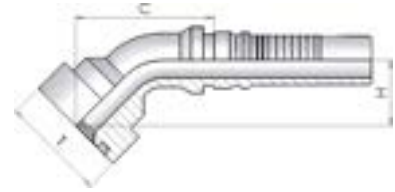
X1100H



90° SAE Flange 6000 PSI

(SFS 90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
X1100H12-12	3/4	19	12	3/4	41.3	55	53
X1100H12-16	3/4	19	12	1	47.6	63	52
X1100H16-16	1	25.4	16	1	47.6	69	75
X1100H16-20	1	25.4	16	1.1/4	54	74	71
X1100H20-20	1.1/4	31.8	20	1.1/4	54	84,5	93
X1100H20-24	1.1/4	31.8	20	1.1/2	63.5	92	94
X1100H24-24	1.1/2	38.1	24	1.1/2	63.5	101	114
X1100H32-32	2	50.8	32	2	79.4	126	136.5

X1200H**45° SAE Flange 6000 PSI****(SFS 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
X1200H12-12	3/4	19	12	3/4	41.3	28	85
X1200H12-16	3/4	19	12	1	47.6	34	88
X1200H16-16	1	25.4	16	1	47.6	34	84
X1200H16-20	1	25.4	16	1.1/4	54	40	117
X1200H20-20	1.1/4	31.8	20	1.1/4	54	41	109
X1200H20-24	1.1/4	31.8	20	1.1/2	63.5	46	113
X1200H24-24	1.1/2	38.1	24	1.1/2	63.5	50	133
X1200H32-32	2	50.8	32	2	79.4	58	204

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XPTFE-C	12	X0151H	63
X0345	13	X0251H	63
X0061	14	X0370H	64
X0062	14	X0450H	64
X0161	15	X0084H	65
X0162	15	X0184H	65
X0350	16	X0284H	66
X0051	17	X0850H	66
X0052	17	X0901H	67
X0151	18	X0951H	67
X0152	18	X1001H	68
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X0252	19	XS05TH	69
X0360	20	XS150H	69
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