



# INTERPUMP

FLUID SOLUTIONS 

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## 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)

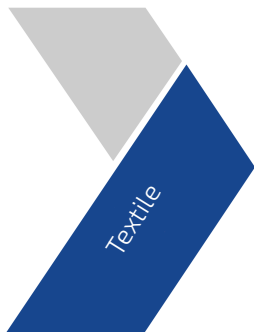
**10**

**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**

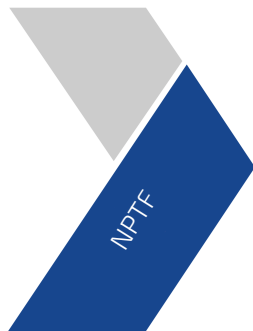


**X0360**



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

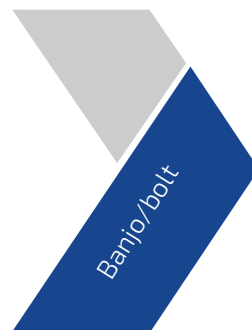
**41**

**XS250**



ORFS 45° Swept Elbow

**42**



**X1350**



Metric Banjo

**43**

## X1400



BSP Banjo

43

## X1600



Double BSP Perford Bolt

44

## X1600-00



BSP Perford Bolt

44

## X1650



Metric perford 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**

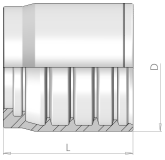
**XFLG**



EN Flanges Sliding  
planes

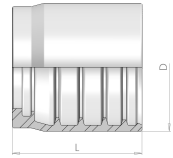
**56**

## X001C



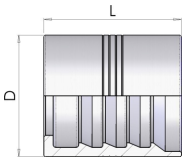
### Swaged Ferrule (no skive)

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)

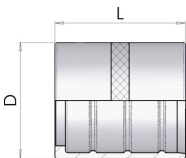
## X0009



### Swaged Ferrule (skive)

Product number	hose I.D.		Dimension		I.D. L	skive Length	valid for
	in	D	mm				
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

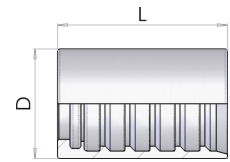


### Swaged Ferrule (no skive)

Product number	hose I.D.		Dimension		I.D. L	skive Length	valid for
	in	D	mm				
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

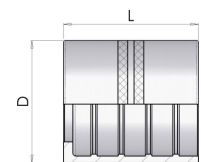
### Swaged Ferrule (no skive)



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

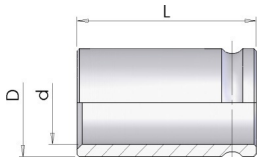
## X0003

### 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

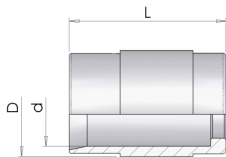


### Ferrule for PTFE hose

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

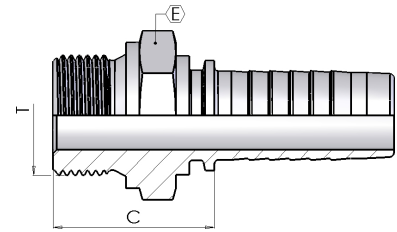


### Ferrule for PTFE hose

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

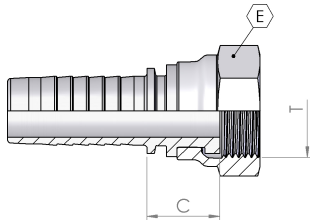
For PTFE hose type LTC - (with standard fittings)



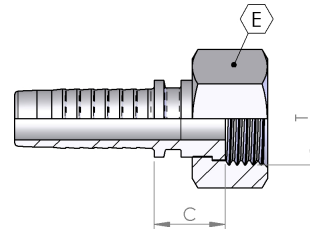
**X0345****BSP Male - Flat Seat****(AGR-F)**

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



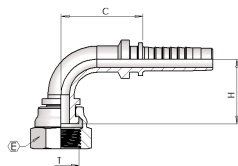
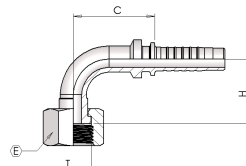
## X0062



### BSP Female flat seat

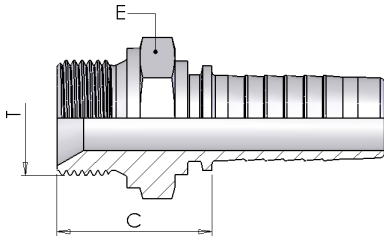
#### (DKR-F)

Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
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

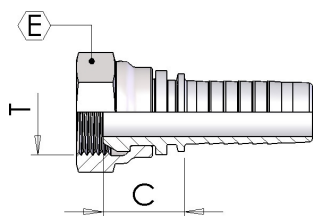
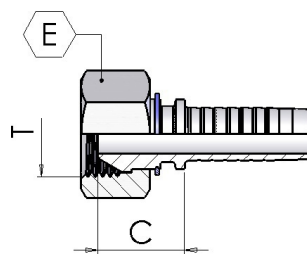
# X0350



**BSP Male Parallel 60° cone**

**(AGR)**

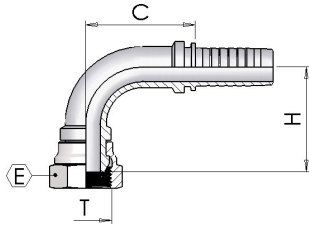
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
X0350-03-02	3/16	4.8	03	1/8-28	14	21
X0350-03-04	3/16	4.8	03	1/4-19	19	26
X0350-04-02	1/4	6.4	04	1/8-28	14	21
X0350-04-04	1/4	6.4	04	1/4-19	19	27
X0350-04-06	1/4	6.4	04	3/8-19	22	28
X0350-05-04	5/16	7.9	05	1/4-19	19	27
X0350-05-06	5/16	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)**

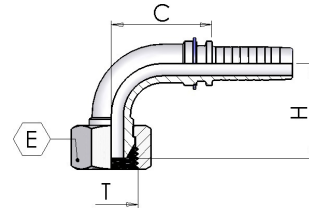
Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
X0051-03-02	3/16	4.8	03	1/8-28	14	15
X0052-03-04	3/16	4.8	03	1/8-28	14	17
X0051-04-02	1/4	6.4	04	1/8-28	14	15
X0052-04-04	1/4	6.4	04	1/4-19	19	21
X0052-04-06	1/4	6.4	04	3/8-19	22	21
X0051-05-04	5/16	7.9	05	1/4-19	19	17
X0052-05-06	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



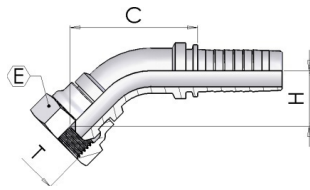
### BSP 90° Swept elbow 60° cone

### (DKR-90°)

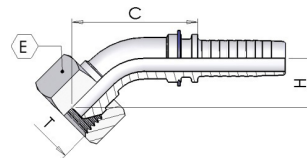
Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
X0151-03-02	3/16	4.8	03	1/8-28	14	23	22
X0152-03-04	3/16	4.8	03	1/4-19	19	25	22
X0151-04-02	1/4	6.4	04	1/8-28	14	25	25
X0152-04-04	1/4	6.4	04	1/4-19	19	21	27
X0152-04-06	1/4	6.4	04	3/8-19	22	24	27
X0151-05-04	5/16	7.9	05	1/4-19	19	31	30
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



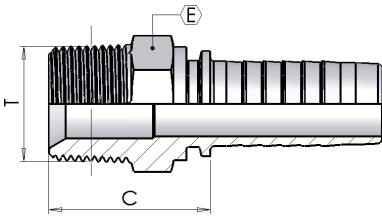
### BSP 45° Swept Elbow 60° Cone

#### (DKR-45°)

Product number	hose I.D.		I.D.	Dimension			
	in	mm		dash size	T	E	Cut-off C
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

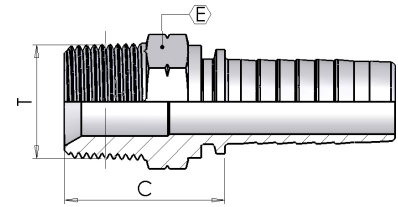


**BSP Taper Male 60° cone**

**(AGR-K)**

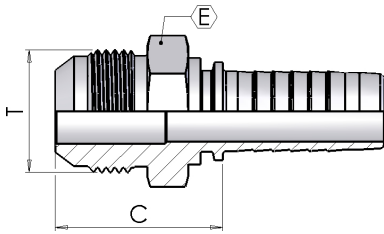
Product number	hose I.D.		I.D.	Dimension		
	in	mm		dash size	T	E
X0360-04-02	1/4	6.4	04	1/8-28	12	22
X0360-04-04	1/4	6.4	04	1/4-19	15	28
X0360-04-06	1/4	6.4	04	3/8-19	19	28
X0360-05-04	5/16	7.9	05	1/4-19	15	28
X0360-05-06	5/16	7.9	05	3/8-19	19	28
X0360-06-04	3/8	9.5	06	1/4-19	17	28
X0360-06-06	3/8	9.5	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

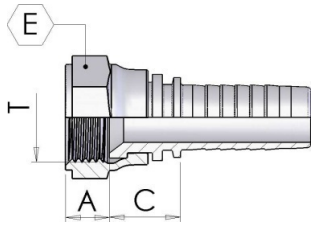


**JIC Male 74° cone**

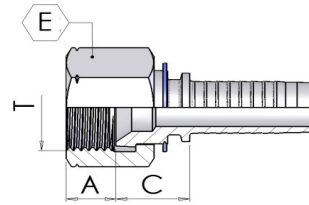
**(AGJ)**

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

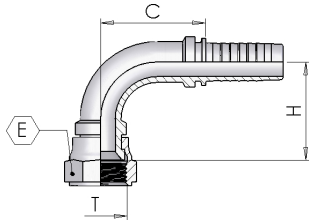


### JIC Female 74°

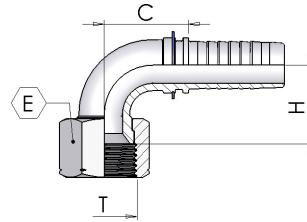
(DKJ)

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

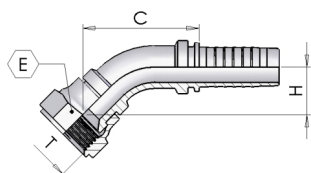


### JIC 90° Swept Elbow 74° cone

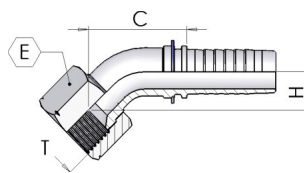
### (DKJ-90°)

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

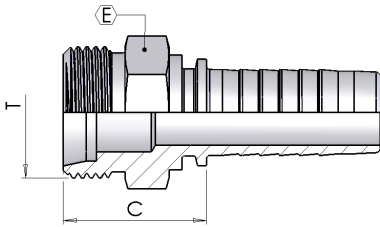


### JIC 45° Swept Elbow 74°

### (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

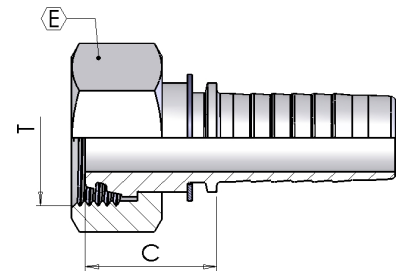
**(CEL)**

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

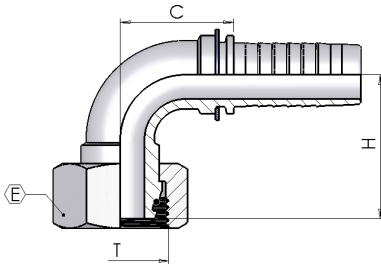
(DKOL)



Product number	hose I.D.		dash size	Dimension			
	in	mm		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

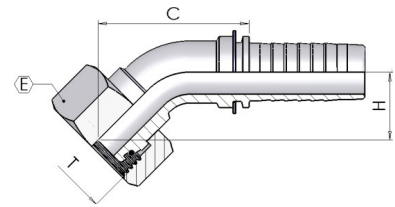
\*Rolled Nut



# X0285

## 45° Metric Swept Elbow 24° Seat Light

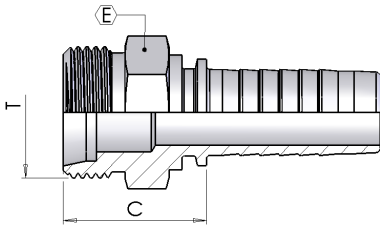
(DKOL-45°)



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

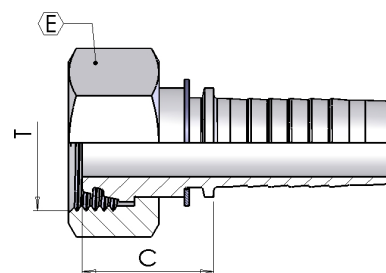
**(CES)**

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

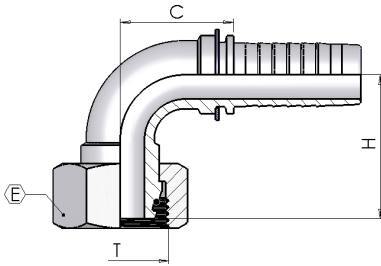
(DKOS)



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

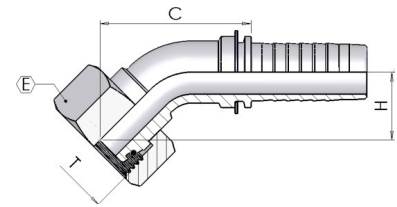


## 90° Metric Swept Elbow 24° Seat Heavy

**(DKOS-90°)**

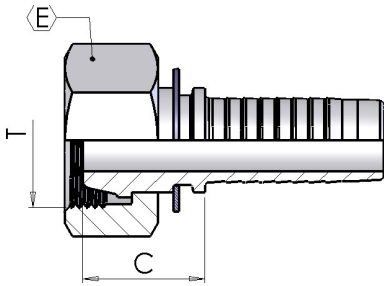
Product number	hose I.D. I.D.		Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
X0184-04-14	1/4	6.4	04	M14-1.5	6	17	26	27
X0184-04-16	1/4	6.4	04	M16-1.5	8	19	26	26
X0184-04-18	1/4	6.4	04	M18-1.5	10	22	31	27
X0184-05-18	5/16	7.9	05	M18-1.5	10	22	33	33
X0184-05-20	5/16	7.9	05	M20-1.5	12	24	34	30
X0184-06-18	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.		dash size	Dimension				
	in	mm		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

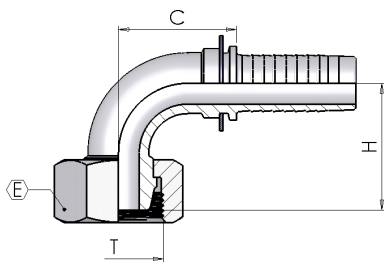


### Metric Female 24° Seat Light Multiseal

(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

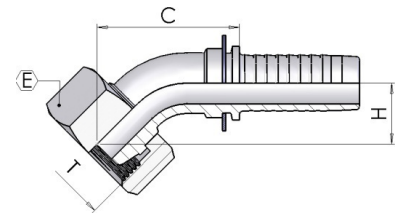
## X0135



### 90° Metric Swept Elbow 24° Seat Light Multiseal

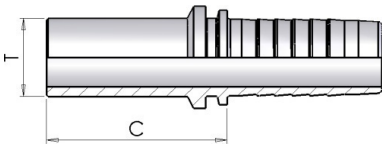
(DKL-90°)

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

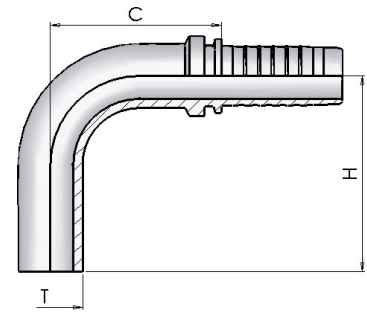


### Metric Standpipe

**(BEL-BES)**

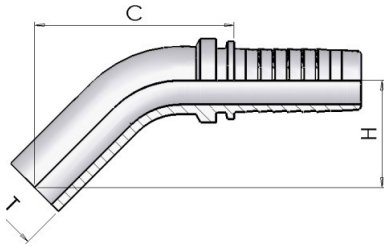
Product number	hose I.D.		Dimension			
	in	mm	dash size	Pipe T	Type	Cut-off C
X0550-04-06	1/4	6.4	04	6	L/S	32
X0550-04-08	1/4	6.4	04	8	L/S	30
X0550-04-10	1/4	6.4	04	10	L/S	33
X0550-04-12	1/4	6.4	04	12	L/S	30
X0550-05-08	5/16	7.9	05	08	L/S	31
X0550-05-10	5/16	7.9	05	10	L/S	31
X0550-05-12	5/16	7.9	05	12	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

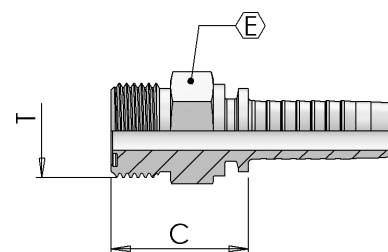
# X0750



## 45° Metric Standpipe

**(BEL-BES 45°)**

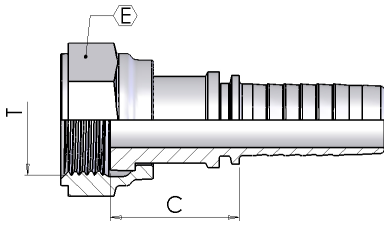
Product number	hose I.D.		Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
X0750-04-06	1/4	6.4	04	6	L/S	24	41
X0750-04-08	1/4	6.4	04	8	L/S	25	43
X0750-04-10	1/4	6.4	04	10	L/S	30	47
X0750-05-10	5/16	7.9	05	10	L/S	30	49
X0750-05-12	5/16	7.9	05	12	L/S	32	53
X0750-06-10	3/8	9.5	06	10	L/S	33	50
X0750-06-12	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**

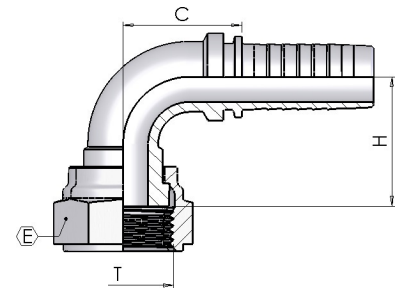
**(ORFS)**

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

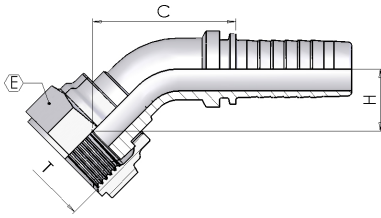
## ORFS 90° Swept Elbow

(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

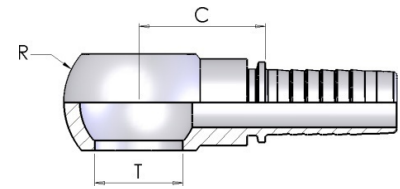
### (ORFS-45°)

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)

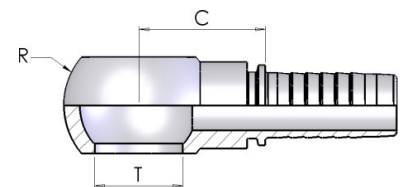


Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
X1350-04-12	1/4	6.4	04	M12-1.5	12.2	20	22
X1350-04-14	1/4	6.4	04	M14-1.5	14.2	24	26
X1350-05-16	5/16	7.9	05	M16-1.5	16.2	28	26
X1350-06-16	3/8	9.5	06	M16-1.5	16.2	28	26
X1350-06-18	3/8	9.5	06	M18-1.5	18.2	32	29
X1350-08-18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

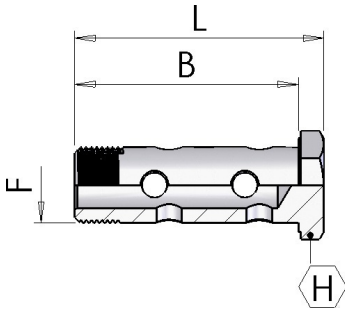
### BSP Banjo

(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

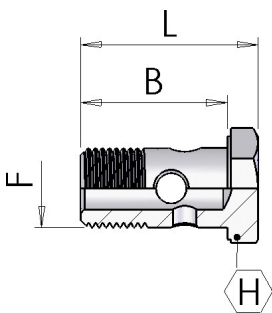


### Double BSP Perforated Bolt

**(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

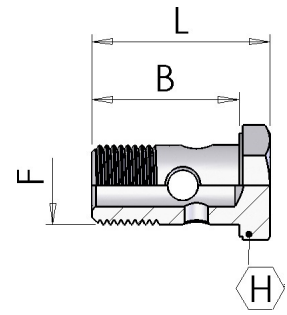


### BSP Perforated Bolt

**(BOLT)**

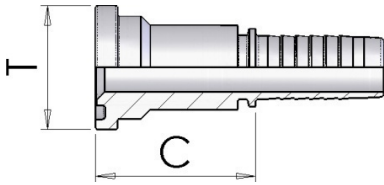
Product number	Dimension				Box Q.ty	Weight kg/unit
	F	B	L	H		
X1600-00-04	1/4"-19	29	34	19	500	0,033700
X1600-00-06	3/8"-19	33	41	22		0,056900
X1600-00-08	1/2"-14	38	46	27		0,089300
X1600-00-12	3/4"-14	47	56	32		0,175000
X1600-00-16	1"-11	58	69	41	5	0,344000



**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

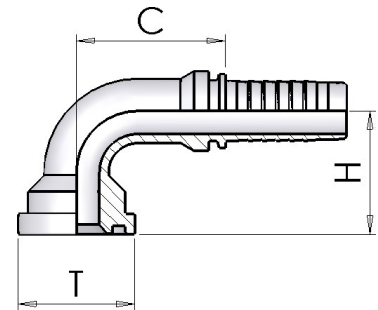
## X1260



### Straight SAE Flange 3000 PSI

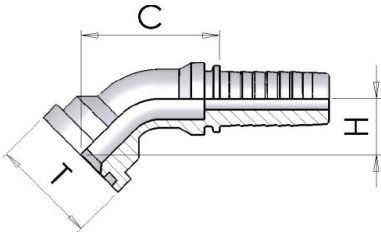
**(SFL)**

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



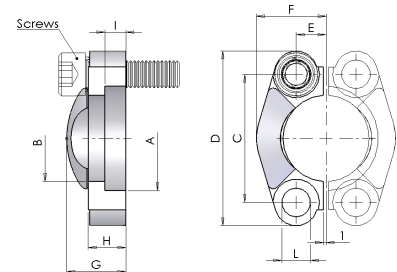
**45° SAE Flange 3000 PSI**

**(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

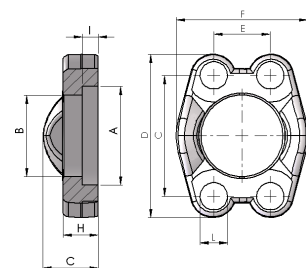
### Cut Split Flanges - 3000 psi



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

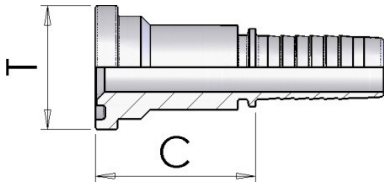
## XSI03

### 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

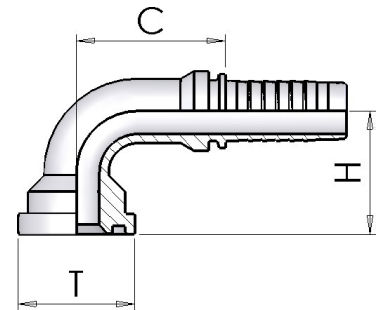
## X1310



### Straight SAE Flange 6000 PSI

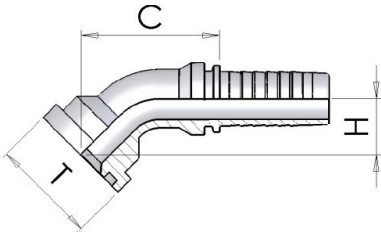
**(SFS)**

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

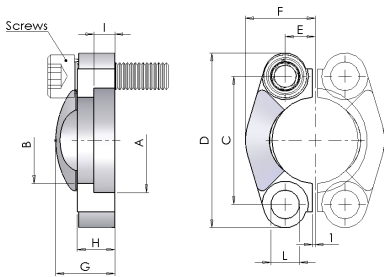


**45° SAE Flange 6000 PSI**

**(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



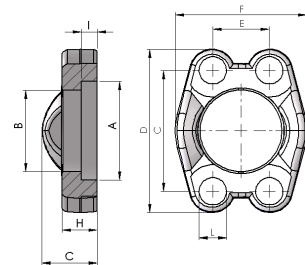
**Cut Split Flanges - 6000 psi**

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



## XS106

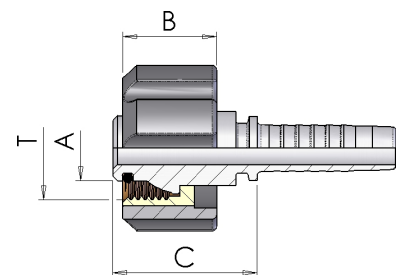
### Uncut Split Flanges - 6000 psi



Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
XS106-08	1/2"	32.54	24.6	40.5	56	18.2	47.2	22	16	7.2	8.8
XS106-12	3/4"	42.06	32.5	50.8	71	23.8	60	28	19	8.3	11
XS106-16	1"	48.41	38.9	57.2	81	27.8	69.6	33	24	9	13
XS106-20	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

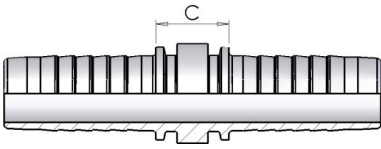
## XFK50

### 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

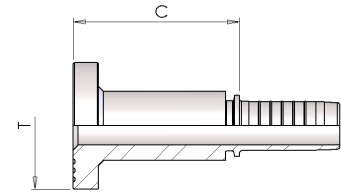
## XD050



## Hose Junction

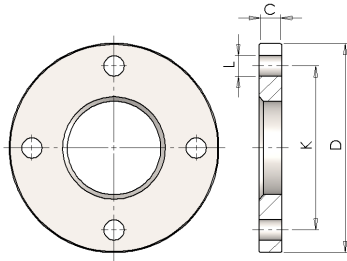
Product number	hose I.D.		I.D.		Dimension	
	in	mm	dash size	Cut-off C		
XD050-04	1/4	6.4	04	22		
XD050-06	3/8	9.5	06	22		
XD050-08	1/2	12.7	08	23		
XD050-10	5/8	15.9	10	18		
XD050-12	3/4	19	12	19		
XD050-16	1	25.4	16	21		

## 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

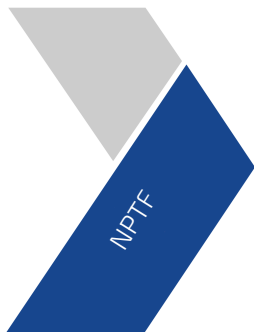
**63**

**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**



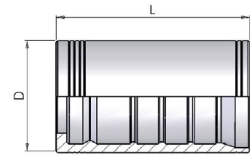
45° SAE Flange 6000 PSI

**73**



## X004N

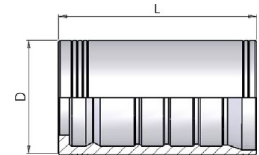
### Swaged Ferrule (skive)



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

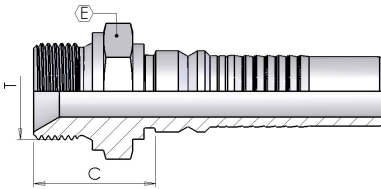
## X0013

### 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

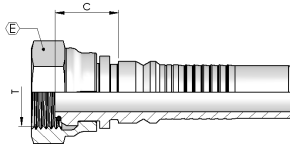


**BSP Male Parallel 60° cone**

**(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)**

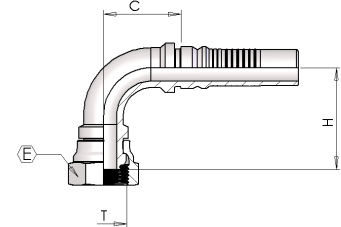
Product number	hose I.D.		Dimension				Note
	in	mm	dash size	T	E	Cut-off C	
X0051H12-12	3/4	19	12	3/4-14	32	23	(*)
X0051H16-16	1	25.4	16	1-11	38	26	(*)
X0051H20-20	1.1/4	31.8	20	1.1/4-11	50	29	(*)
X0051H24-24	1.1/2	38.1	24	1.1/2-11	55	31	(*)
X0051H32-32	2	50.8	32	2-11	70	30	(*)

(\*) - BSP O-Ring Female

## X0151H

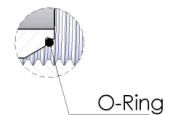
### BSP 90° Swept Elbow 60° Cone - Rolled Nut

(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	(*)

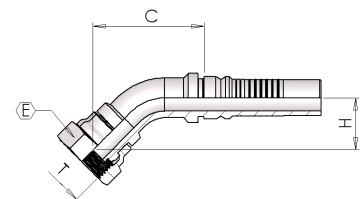
(\*) - BSP O-Ring Female



## X0251H

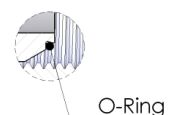
### BSP 45° Swept Elbow 60° Cone Rolled nut

(DKR 45°)

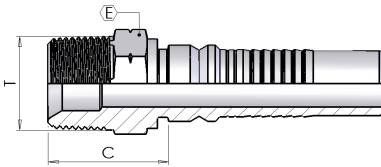


Product number	hose I.D.		Dimension					Note
	in	dash size	mm	Thread T	hex E	drop H	Cut-off C	
X0251H12-12	3/4	12	19	3/4-14	32	31	85	(*)
X0251H16-16	1	16	25.4	1-11	41	38	112	(*)
X0251H20-20	1.1/4	20	31.8	1.1/4-11	50	41	98	(*)
X0251H24-24	1.1/2	24	38.1	1.1/2-11	55	54	166	(*)
X0251H32-32	2	32	50.8	2-11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

(\*) - BSP O-Ring Female



## X0370H

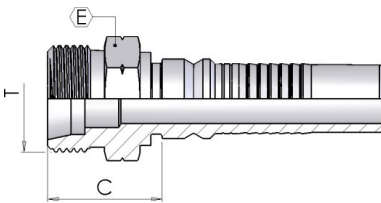


**NPTF Male 60° cone**

**(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**

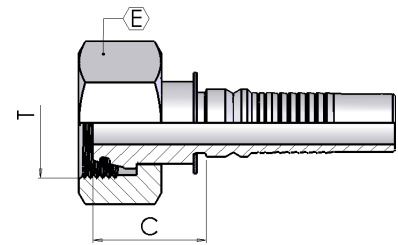
**(CES)**

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)

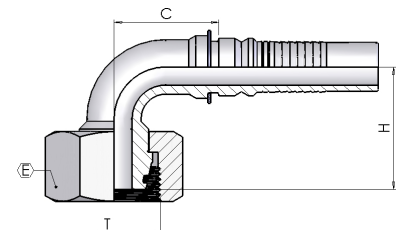


Product number	hose I.D.		Dimension				
	in	dash size	mm	Thread T	erm.	hex E	Cut-off C
X0084H12-30	3/4	12	19	M30-2	20	36	32
X0084H12-36	3/4	12	19	M36-2	25	46	37
X0084H16-36	1	16	25.4	M36-2	25	46	38
X0084H16-42	1	16	25.4	M42-2	30	50	41
X0084H20-52	1.1/4	20	31.8	M52-2	38	60	41
X0084H24-52	1.1/2	24	38.1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

## X0184H

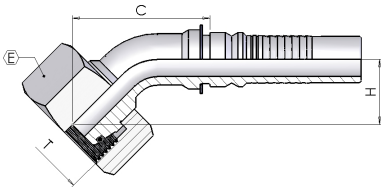
### 90° Metric Swept Elbow 24° Seat Heavy

(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

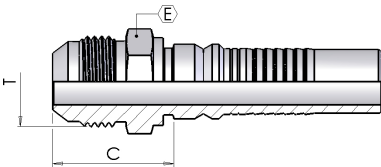


### 45° Metric Swept Elbow 24° Seat Heavy

**(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

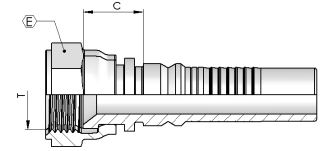
**(AGJ)**

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)

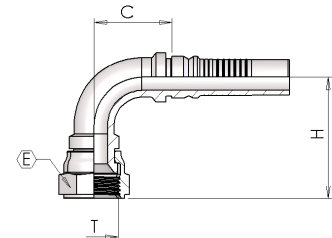


Product number	hose I.D.		Dimension			
	in	dash size	mm	Thread T	hex E	Cut-off C
X0901H12-12	3/4	12	19	1.1/16-12	32	19
X0901H16-16	1	16	25.4	1.5/16-12	41	23
X0901H20-20	1.1/4	20	31.8	1.5/8-12	50	26
X0901H24-24	1.1/2	24	38.1	1.7/8-12	55	29
X0901H32-32	2	32	50.8	2.1/2-12	70	30

## X0951H

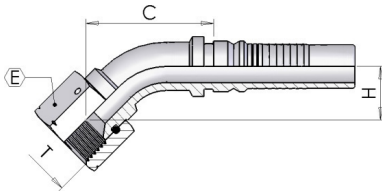
### JIC 90° Swept Elbow 74° cone Rolled Nut

(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

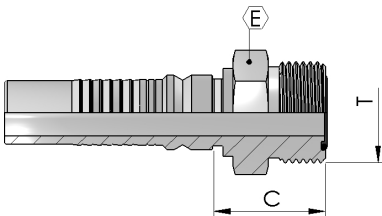


### JIC 45° Swept Elbow 74° Cone Rolled Nut

**(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

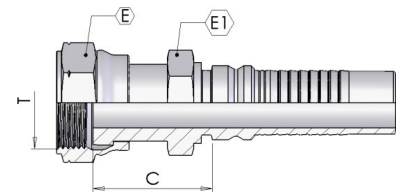
with plug and o'ring



## XS05TH

### ORFS Female Back Hexagon

(ORFS)

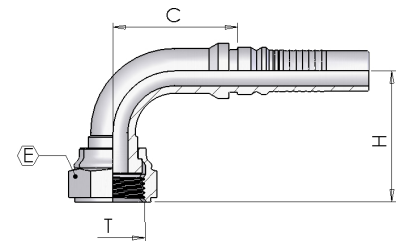


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
XS05TH12-14	3/4	19	12	1.3/16-12	36	30	39
XS05TH16-15	1	25.4	16	1.7/16-12	41	36	47
XS05TH20-21	1.1/4	31.8	20	1.11/16-12	46	46	50
XS05TH24-32	1.1/2	38.1	24	2-12	50	50	53

## XS150H

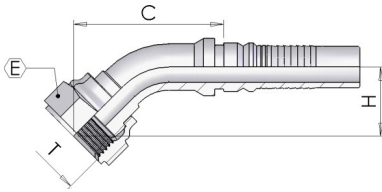
### ORFS 90° Swept Elbow

(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

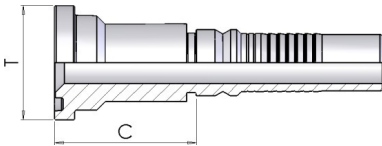


**ORFS 45° Swept Elbow**

**(ORFS 45°)**

Product number	hose I.D.		dash size	Dimension			Cut-off C	Note
	in	mm		T	E	H		
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**

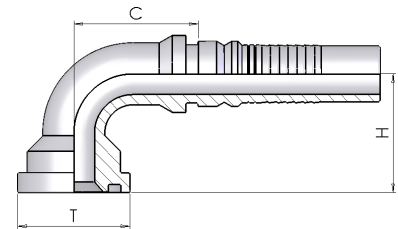
**(SFL)**

Product number	hose I.D.		dash size	Dimension		
	in	mm		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°)

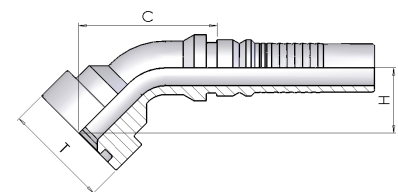


Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
X1050H12-12	3/4	19	12	3/4	38.1	52	52
X1050H12-16	3/4	19	12	1	44.5	56	55
X1050H16-16	1	25.4	16	1	44.5	65	73
X1050H16-20	1	25.4	16	1.1/4	50.8	71	69
X1050H20-20	1.1/4	31.8	20	1.1/4	50.8	82	91
X1050H20-24	1.1/4	31.8	20	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

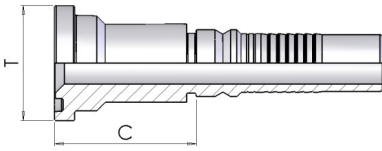
### 45° SAE Flange 3000 PSI

(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

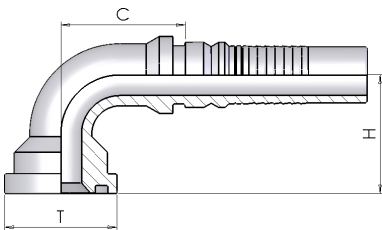


### Straight SAE Flange 6000 PSI

(SFS)

Product number	hose I.D.		Dimension			I.D.
	in	dash size	mm	T Flange	mm	Cut-off C
X1300H12-12	3/4	12	19	3/4	41.3	51
X1300H12-16	3/4	12	19	1	47.6	57
X1300H16-16	1	16	25.4	1	47.6	59
X1300H16-20	1	20	31.8	1.1/4	54	66
X1300H20-20	1.1/4	20	31.8	1.1/4	54	67
X1300H20-24	1.1/4	20	31.8	1.1/2	63.5	73
X1300H24-20	1.1/2	24	38.1	1.1/4	54	75
X1300H24-24	1.1/2	24	38.1	1.1/2	63.5	74
X1300H32-32	2	32	50.8	2	79.4	84

## X1100H



### 90° SAE Flange 6000 PSI

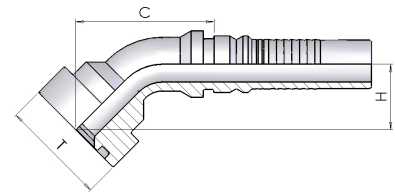
(SFS 90°)

Product number	hose I.D.		Dimension				Cut-off C
	in	mm	dash size	T Flange	mm	drop H	
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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